

 **Husky Oil Operations Limited**

707 8th Avenue S.W.  
Box 6525, Station D  
Calgary, Alberta, Canada  
T2P 3G7

Bus: (403) 298-7273  
Fax: (403) 750-1365

September 5, 2013

Records Department  
National Energy Board  
444 Seven Avenue SW  
Calgary, Alberta  
T2P 0X8

Attention: Records Department

Re: End of Well Reports for  
Husky Little Bear N-09 and Husky Little Bear H-64

Dear Sir / Madam:

As per Canada Oil and Gas Drilling and Production Regulations (COGDPR), please find the attached two hard copies and one electronic PDF copy of the End of Well Reports for Husky Little Bear N-09 and Husky Little Bear H-64.

Husky End of Well Reports consist of:

- Well History Report (Section of 88 of COGDPR)
- Well Operations Report (Section 89 of COGDPR)

I trust the information will meet the requirements of the NEB. If you require any additional information or have any questions, please contact the undersigned at John Butala at (403) 298-6707 [john.butala@huskyenergy.com](mailto:john.butala@huskyenergy.com)

Sincerely,



John Butala  
Manager - NWT  
Husky Oil Operations Limited

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 1, Report Date: 1/19/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00			
Primary Wellbore Affected Original Hole, 300H64650012600		Primary Job Type Initial Completion		Secondary Job Type Other		Final Status		Spud Date		Target Formation Canol
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.									End Date 8/5/2013	
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 2/18/2013				
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 3/6/2013				
Weather Clear/Windy		Temperature (°C) -28	Road Condition Icy/Snow covered			Tubing Pressure (kPa)		Casing Pressure (kPa)		Rig Time (hr)
Operations Summary Move in Total Oilfield supply set up tank farm and spot WSS trailers Operations Next Report Period Continue rigging in surface equipment										
Job Contact		Title		Type					Mobile	
Gerry Sillito		CP Mgr (West)							403-542-1119	
John Butala		CP Superintendent		Office					403-651-4913	
Gerald Perreault		Safety Advisor							403-993-8420	
Rob DeWolfe		CP Field Super		Well Site Supervisor					403-598-6050	
Mike Periard		CP Field Super		Well Site Supervisor					780-926-0118	
<b>Personnel Log</b>										
Company							Count		Tot Work Time (hr)	
Pajak Engineering Ltd.							1		8.00	
Total Oilfield Rentals							5		40.00	
Denali Oilfield Services							2		12.00	
<b>Time Log</b>										
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.		Com				
09:00	09:30	0.50	SAFETY	Safety Meetings (Pre-job, daily)		Safety/Hazard meeting as per Husky Energy and NEB regulations with all personal working on location				
09:30	17:00	7.50	RIGUP			Spaced out location and spotted tank farm and WSS trailers as per Husky and CAODC regulations, tank farm - 2- lined tanks(uninsulated), 1- Acid, 4- insulated(flow back), 3-60/40 WSS trailers, 1-Command Centre, 1- Safety Meeting Shack, 1-100 KVW, 1- 125 KVW generator, all equipment spaced out as per regulations Danali sewage personal installing, sewer package on WSS/Command centre				
17:00	00:00	7.00	SDFN	Shut down for night		Shut down for night				
00:00	00:00	0.00	BRKTM	Lunch Break		Gave crews sufficient time for Coffee/Lunch breaks for the day				
<b>Report Fluids Summary</b>										
Fluid		To well (m³)		From well (m³)		To lease (m³)		From lease (m³)		
Other		27.00		0.00						
<b>Safety Checks</b>										
Time	Des		Type			Com				
<b>Logs</b>										
Date	Type				Top (mKB)		Btm (mKB)		Cased?	
<b>Perforations</b>										
Date	Pool		Top (mKB)			Btm (mKB)		Current Status		
<b>&lt;typ&gt; on &lt;dtm&gt;</b>										
Date	Pool				Type				Stim/Treat Company	
Stg #	Stage Type		Top (mKB)			Btm (mKB)		Vol Clean Pump (m³)		
<b>Other In Hole</b>										
Des	Run Date		OD (mm)			Top (mKB)		Btm (mKB)		

**Well Name: HUSKY LITTLE BEAR H-64****Report # 1, Report Date: 1/19/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased		Well Status Date 2/17/2012		
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00			

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 2, Report Date: 1/20/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79		PBTD (All) (mKB) Original Hole - 1,317.00		
Primary Wellbore Affected Original Hole, 300H64650012600		Primary Job Type Initial Completion	Secondary Job Type Other	Final Status		Spud Date		Target Formation Canol		
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.								End Date 8/5/2013		
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 2/18/2013				
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 3/6/2013				
Weather Clear/Calm		Temperature (°C) -35	Road Condition Icy/Snow covered			Tubing Pressure (kPa)		Casing Pressure (kPa)	Rig Time (hr)	
Operations Summary Continue rigging in Denali sewer package into WSS trailers, complete tank farm (complete grounding tanks, install signage on tanks)										
Operations Next Report Period Continue rigging in surface equipment										
Job Contact		Title		Type					Mobile	
Gerry Sillito		CP Mgr (West)							403-542-1119	
John Butala		CP Superintendent		Office					403-651-4913	
Gerald Perreault		Safety Advisor							403-993-8420	
Rob DeWolfe		CP Field Super		Well Site Supervisor					403-598-6050	
Mike Periard		CP Field Super		Well Site Supervisor					780-926-0118	
<b>Personnel Log</b>										
Company					Count			Tot Work Time (hr)		
Pajak Engineering Ltd.					1			8.00		
Denali Oilfield Services					2			10.00		
<b>Time Log</b>										
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com					
00:00	08:00	8.00	SDFN	Shut down for night	Shut down for night					
08:00	08:30	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Safety/Hazard meeting as per Husky Energy and NEB regulations with all personal working on location					
08:30	17:00	8.50	RIGUP	Rig up	Continue rigging in Denali sewage system to WSS trailers, do final walk around inspection on tank farm ensure all tanks are grounded and all gauge boards are in good working order					
17:00	17:00	0.00	BRKTM	Lunch Break	Gave crews sufficient time for Coffee/Lunch breaks for the day					
<b>Report Fluids Summary</b>										
Fluid		To well (m³)		From well (m³)		To lease (m³)		From lease (m³)		
Other		0.00		0.00		0.00		0.00		
<b>Safety Checks</b>										
Time	Des			Type			Com			
08:00	Safety/Hazard Meeting			Safety Meeting			Held Safety/Hazard meeting as per Husky and NEB regulations, was discussed spotters when backing on Husky well sites, Very cold working conditions, traveling in pairs, Slips Trips and Falls, Pinch Points, Over head loads, heavy Traffic on location			
<b>Logs</b>										
Date	Type			Top (mKB)			Btm (mKB)		Cased?	
<b>Perforations</b>										
Date	Pool			Top (mKB)			Btm (mKB)		Current Status	
<typ> on <dtm>										
Date	Pool			Type			Stim/Treat Company			
Stg #	Stage Type		Top (mKB)		Btm (mKB)		Vol Clean Pump (m³)			

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 2, Report Date: 1/20/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.							
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012							
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79		PBTD (All) (mKB) Original Hole - 1,317.00								
<b>Other In Hole</b>																
Des			Run Date		OD (mm)		Top (mKB)		Btm (mKB)							
<b>Cement</b>																
Des		Start Date				Cement Comp										

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 3, Report Date: 1/21/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.		
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012		
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00				
Primary Wellbore Affected Original Hole, 300H64650012600		Primary Job Type Initial Completion		Secondary Job Type Other		Final Status		Spud Date		Target Formation Canol	
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.									End Date 8/5/2013		
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 2/18/2013					
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 3/6/2013					
Weather Clear/Calm		Temperature (°C) -32	Road Condition Icy/Snow covered			Tubing Pressure (kPa)		Casing Pressure (kPa)		Rig Time (hr)	
Operations Summary Continue rigging in Denali sewer package into WSS trailers											
Operations Next Report Period Continue rigging in surface equipment											
Job Contact		Title		Type					Mobile		
Gerry Sillito		CP Mgr (West)							403-542-1119		
John Butala		CP Superintendent		Office					403-651-4913		
Gerald Perreault		Safety Advisor							403-993-8420		
Rob DeWolfe		CP Field Super		Well Site Supervisor					403-598-6050		
Mike Periard		CP Field Super		Well Site Supervisor					780-926-0118		
<b>Personnel Log</b>											
Company						Count			Tot Work Time (hr)		
Pajak Engineering Ltd.						1			8.00		
Denali Oilfield Services						2			10.00		
<b>Time Log</b>											
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.		Com					
00:00	08:00	8.00	SDFN	Shut down for night		Shut down for night					
08:00	08:30	0.50	SAFETY	Safety Meetings (Pre-job, daily)		Safety/Hazard meeting as per Husky Energy and NEB regulations with all personal working on location					
08:30	18:00	9.50	RIGUP	Rig up		Continue rigging in Denali Sewer system into WSS trailers, still having problems with Total 125 KVW generator on WSS trailers(wont stay running for more than 24 hrs)					
18:00	00:00	6.00	SDFN	Shut down for night		Shut down for night					
00:00	00:00	0.00	BRKTM	Lunch Break		Gave crews sufficient time for Coffee/Lunch breaks for the day					
<b>Report Fluids Summary</b>											
Fluid		To well (m³)		From well (m³)		To lease (m³)		From lease (m³)			
Other		0.00		0.00		0.00		0.00			
<b>Safety Checks</b>											
Time	Des		Type					Com			
08:00	Safety/Hazard Meeting		Safety Meeting					Held Safety/Hazard meeting as per Husky and NEB regulations, was discussed spotters when backing on Husky well sites, Very cold working conditions, traveling in pairs, Slips Trips and Falls, Pinch Points, Over head loads, heavy Traffic on location			
<b>Logs</b>											
Date	Type				Top (mKB)		Btm (mKB)		Cased?		
<b>Perforations</b>											
Date	Pool		Top (mKB)			Btm (mKB)			Current Status		
<typ> on <dttm>											
Date	Pool				Type					Stim/Treat Company	
Stg #	Stage Type		Top (mKB)			Btm (mKB)			Vol Clean Pump (m³)		

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 3, Report Date: 1/21/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.							
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012							
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79		PBTD (All) (mKB) Original Hole - 1,317.00								
<b>Other In Hole</b>																
Des			Run Date		OD (mm)		Top (mKB)		Btm (mKB)							
<b>Cement</b>																
Des		Start Date				Cement Comp										

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 4, Report Date: 1/22/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.			
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012			
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00					
Primary Wellbore Affected Original Hole, 300H64650012600		Primary Job Type Initial Completion		Secondary Job Type Other		Final Status		Spud Date		Target Formation Canol		
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.									End Date 8/5/2013			
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 2/18/2013						
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 3/6/2013						
Weather Clear/Light Breeze		Temperature (°C) -35	Road Condition Icy/Snow covered			Tubing Pressure (kPa)		Casing Pressure (kPa)		Rig Time (hr)		
Operations Summary Continue to keep rigging in surface equipment to start completion												
Operations Next Report Period Continue rigging in surface equipment												
Job Contact		Title		Type					Mobile			
Gerry Sillito		CP Mgr (West)							403-542-1119			
John Butala		CP Superintendent		Office					403-651-4913			
Gerald Perreault		Safety Advisor							403-993-8420			
Rob DeWolfe		CP Field Super		Well Site Supervisor					403-598-6050			
Mike Periard		CP Field Super		Well Site Supervisor					780-926-0118			
<b>Personnel Log</b>												
Company						Count			Tot Work Time (hr)			
Pajak Engineering Ltd.						1			8.00			
Denali Oilfield Services						2			10.00			
Alberta Welltest Incinerators Ltd.						4			12.00			
<b>Time Log</b>												
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.		Com						
00:00	08:00	8.00	SDFN	Shut down for night		Shut down for night						
08:00	08:30	0.50	SAFETY	Safety Meetings (Pre-job, daily)		Safety/Hazard meeting as per Husky Energy and NEB regulations with all personal working on location						
08:30	15:30	7.00	RIGUP	Rig up		Continue rigging in surface equipment, transported AWI incinerator and support equipment, 2 - low boy loads of Oak matting, 6- 20 KVW light towers and spotted on side of location Note: Still having problems with Total generator will not run at all						
15:30	00:00	8.50	SDFN	Shut down for night		Shut down for night						
00:00	00:00	0.00	BRKTM	Lunch Break		Gave crews sufficient time for Coffee/Lunch breaks for the day						
<b>Report Fluids Summary</b>												
Fluid		To well (m³)		From well (m³)		To lease (m³)		From lease (m³)				
Other		0.00		0.00		0.00		0.00				
<b>Safety Checks</b>												
Time	Des			Type			Com					
08:00	Safety/Hazard Meeting			Safety Meeting			Held Safety/Hazard meeting as per Husky and NEB regulations, was discussed spotters when backing on Husky well sites, Very cold working conditions, traveling in pairs, Slips Trips and Falls, Pinch Points, Over head loads, heavy Traffic on location					
<b>Logs</b>												
Date	Type				Top (mKB)		Btm (mKB)		Cased?			
<b>Perforations</b>												
Date	Pool		Top (mKB)			Btm (mKB)			Current Status			
<b>&lt;typ&gt; on &lt;dtm&gt;</b>												
Date	Pool				Type					Stim/Treat Company		
Stg #	Stage Type		Top (mKB)			Btm (mKB)			Vol Clean Pump (m³)			

**Well Name: HUSKY LITTLE BEAR H-64****Report # 4, Report Date: 1/22/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.							
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012							
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79		PBTD (All) (mKB) Original Hole - 1,317.00								
<b>Other In Hole</b>																
Des			Run Date		OD (mm)		Top (mKB)		Btm (mKB)							
<b>Cement</b>																
Des		Start Date			Cement Comp											

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 5, Report Date: 1/23/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.			
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012			
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00					
Primary Wellbore Affected Original Hole, 300H64650012600		Primary Job Type Initial Completion		Secondary Job Type Other		Final Status		Spud Date		Target Formation Canol		
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.									End Date 8/5/2013			
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 2/18/2013						
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 3/6/2013						
Weather Overcast/Light Snow		Temperature (°C) -40	Road Condition Icy/Snow covered			Tubing Pressure (kPa)		Casing Pressure (kPa)		Rig Time (hr)		
Operations Summary Continue to keep rigging in surface equipment to start completion												
Operations Next Report Period Continue rigging in surface equipment												
Job Contact		Title		Type					Mobile			
Gerry Sillito		CP Mgr (West)							403-542-1119			
John Butala		CP Superintendent		Office					403-651-4913			
Gerald Perreault		Safety Advisor							403-993-8420			
Rob DeWolfe		CP Field Super		Well Site Supervisor					403-598-6050			
Mike Periard		CP Field Super		Well Site Supervisor					780-926-0118			
<b>Personnel Log</b>												
Company						Count			Tot Work Time (hr)			
Pajak Engineering Ltd.						1			8.00			
Denali Oilfield Services									0.00			
Alberta Welltest Incinerators Ltd.						1			4.00			
<b>Time Log</b>												
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.		Com						
00:00	08:00	8.00	SDFN	Shut down for night		Shut down for night						
08:00	08:30	0.50	SAFETY	Safety Meetings (Pre-job, daily)		Safety/Hazard meeting as per Husky Energy and NEB regulations with all personal working on location						
08:30	18:00	9.50	RIGUP	Rig up		Traveled from Caribou camp down to location with loader, Whipronics(Electrical personal), AWI incinerator personal, arrived on location, moved generator and propane skid over to standing incinerator and rigged in into incinerator, started equipment and left on low idle over night to ensure all equipment is working good, before personal leaves the area, had Whipronics(electrical personal)look at 100 KVW(totals)to see what is wrong with equipment, found that main breaker in unit had failed and will have to bring out a new main breaker tomorrow						
18:00	00:00	6.00	SDFN	Shut down for night		Shut down for night						
00:00	00:00	0.00	BRKTM	Lunch Break		Gave crews sufficient time for Coffee/Lunch breaks for the day						
<b>Report Fluids Summary</b>												
Fluid		To well (m³)		From well (m³)		To lease (m³)		From lease (m³)				
Other		0.00		0.00		0.00		0.00				
<b>Safety Checks</b>												
Time	Des			Type			Com					
08:00	Safety/Hazard Meeting			Safety Meeting			Held Safety/Hazard meeting as per Husky and NEB regulations, was discussed spotters when backing on Husky well sites, Very cold working conditions, traveling in pairs, Slips Trips and Falls, Pinch Points, Over head loads, heavy Traffic on location					
<b>Logs</b>												
Date	Type			Top (mKB)			Btm (mKB)			Cased?		
<b>Perforations</b>												
Date	Pool			Top (mKB)			Btm (mKB)			Current Status		

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 5, Report Date: 1/23/2013**

Licensed UWI 300H64650012600	Surface Legal Location 300H64650012600	License # 462	Field Name SLATER RIVER	State/Province N.W.T.
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration	Well Status Drilled and Cased
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47

 TD All (TVD) (mKB)  
 5.00 Original Hole -  
 1,340.79 Original Hole -  
 1,317.00

 Well Status Date  
 2/17/2012

**<typ> on <dttm>**

Date	Pool	Type	Stim/Treat Company
Stg #	Stage Type	Top (mKB)	Btm (mKB)

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 6, Report Date: 1/24/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.			
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012			
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00					
Primary Wellbore Affected Original Hole, 300H64650012600		Primary Job Type Initial Completion		Secondary Job Type Other		Final Status		Spud Date		Target Formation Canol		
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.									End Date 8/5/2013			
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 2/18/2013						
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 3/6/2013						
Weather Overcast/Light breeze		Temperature (°C) -42	Road Condition Icy/Snow covered			Tubing Pressure (kPa)		Casing Pressure (kPa)		Rig Time (hr)		
Operations Summary Continue to keep rigging in surface equipment to start completion												
Operations Next Report Period Continue rigging in surface equipment												
Job Contact		Title		Type					Mobile			
Gerry Sillito		CP Mgr (West)							403-542-1119			
John Butala		CP Superintendent		Office					403-651-4913			
Gerald Perreault		Safety Advisor							403-993-8420			
Rob DeWolfe		CP Field Super		Well Site Supervisor					403-598-6050			
Mike Periard		CP Field Super		Well Site Supervisor					780-926-0118			
<b>Personnel Log</b>												
Company						Count			Tot Work Time (hr)			
Pajak Engineering Ltd.						1			3.00			
Denali Oilfield Services									0.00			
Alberta Welltest Incinerators Ltd.						1			3.00			
<b>Time Log</b>												
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.		Com						
00:00	07:30	7.50	SDFN	Shut down for night		Shut down for night						
07:30	08:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)		Safety/Hazard meeting as per Husky Energy and NEB regulations with all personal working on location						
08:00	11:00	3.00	RIGUP	Rig up		Traveled down to location and inspected AWI Incinerator, checked to ensure all was working good, flow tested unit(unit was working good)shut down and left unit generator plugged into light tower, traveled back to Caribou camp						
11:00	00:00	13.00	SDFN	Shut down for night		Shut down for night						
00:00	00:00	0.00	BRKTM	Lunch Break		Gave crews sufficient time for Coffee/Lunch breaks for the day						
<b>Report Fluids Summary</b>												
Fluid		To well (m³)		From well (m³)		To lease (m³)		From lease (m³)				
Other		0.00				0.00		0.00				
<b>Safety Checks</b>												
Time	Des			Type			Com					
07:30	Safety/Hazard Meeting			Safety Meeting			Held Safety/Hazard meeting as per Husky and NEB regulations, was discussed spotters when backing on Husky well sites, Very cold working conditions, traveling in pairs, Slips Trips and Falls, Pinch Points, Over head loads, heavy Traffic on location					
<b>Logs</b>												
Date	Type			Top (mKB)			Btm (mKB)			Cased?		
<b>Perforations</b>												
Date	Pool		Top (mKB)			Btm (mKB)			Current Status			
<b>&lt;typ&gt; on &lt;dtm&gt;</b>												
Date	Pool			Type					Stim/Treat Company			
Stg #	Stage Type		Top (mKB)			Btm (mKB)			Vol Clean Pump (m³)			

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 6, Report Date: 1/24/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.							
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012							
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79		PBTD (All) (mKB) Original Hole - 1,317.00								
<b>Other In Hole</b>																
Des			Run Date		OD (mm)		Top (mKB)		Btm (mKB)							
<b>Cement</b>																
Des		Start Date				Cement Comp										

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 7, Report Date: 1/25/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79		PBTD (All) (mKB) Original Hole - 1,317.00		
Primary Wellbore Affected Original Hole, 300H64650012600		Primary Job Type Initial Completion		Secondary Job Type Other		Final Status		Spud Date		Target Formation Canol
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.								End Date 8/5/2013		
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 2/18/2013				
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 3/6/2013				
Weather Overcast/Light Snow		Temperature (°C) -44		Road Condition Icy/Snow covered			Tubing Pressure (kPa)		Casing Pressure (kPa)	Rig Time (hr)
Operations Summary Continue to keep rigging in surface equipment to start completion										
Operations Next Report Period Continue rigging in surface equipment										
Job Contact		Title		Type					Mobile	
Gerry Sillito		CP Mgr (West)							403-542-1119	
John Butala		CP Superintendent		Office					403-651-4913	
Gerald Perreault		Safety Advisor							403-993-8420	
Rob DeWolfe		CP Field Super		Well Site Supervisor					403-598-6050	
Mike Periard		CP Field Super		Well Site Supervisor					780-926-0118	
Personnel Log										
Company					Count			Tot Work Time (hr)		
Pajak Engineering Ltd.					1			4.00		
Denali Oilfield Services								0.00		
Cummins Western Canada					1			8.00		
Time Log										
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com					
00:00	06:30	6.50	SDFN	Shut down for night	Shut down for night					
06:30	07:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Safety/Hazard meeting as per Husky Energy and NEB regulations with all personal working on location					
07:00	15:00	8.00	RIGUP	Rig up	Travel from camp to above location, move in Cummings mechanic to work on Total 125 KVW generator, Cummins personal was able to get generator running and will monitor to ensure for the next 2-3 days to ensure no problems, move in Whi-ponics and replace main breaker on 100 KVW generator, plugged in trailers and monitor trailers.					
15:00	00:00	9.00	SDFN	Shut down for night	Shut down for night					
00:00	00:00	0.00	BRKTM	Lunch Break	Gave crews sufficient time for Coffee/Lunch breaks for the day					
Report Fluids Summary										
Fluid		To well (m³)		From well (m³)		To lease (m³)		From lease (m³)		
Other		0.00				0.00		0.00		
Safety Checks										
Time	Des			Type			Com			
06:30	Safety/Hazard Meeting			Safety Meeting			Held Safety/Hazard meeting as per Husky and NEB regulations, was discussed spotters when backing on Husky well sites, Very cold working conditions, traveling in pairs, Slips Trips and Falls, Pinch Points, Over head loads, heavy Traffic on location			
Logs										
Date	Type			Top (mKB)			Btm (mKB)		Cased?	
Perforations										
Date	Pool			Top (mKB)			Btm (mKB)		Current Status	
<typ> on <dttm>										
Date	Pool			Type			Stim/Treat Company			

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 7, Report Date: 1/25/2013**

Licensed UWI 300H64650012600	Surface Legal Location 300H64650012600	License # 462	Field Name SLATER RIVER	State/Province N.W.T.
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration	Well Status Drilled and Cased
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47

 Well Status Date  
2/17/2012

 TD All (TVD) (mKB)  
Original Hole -  
1,340.79

 PBTD (All) (mKB)  
Original Hole -  
1,317.00

Stg #	Stage Type	Top (mKB)	Btm (mKB)	Vol Clean Pump (m³)

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 8, Report Date: 1/26/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79		PBTD (All) (mKB) Original Hole - 1,317.00		
Primary Wellbore Affected Original Hole, 300H64650012600		Primary Job Type Initial Completion	Secondary Job Type Other	Final Status		Spud Date		Target Formation Canol		
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.								End Date 8/5/2013		
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 2/18/2013				
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 3/6/2013				
Weather Cloudy/Very Cold		Temperature (°C) -48	Road Condition Icy/Snow covered			Tubing Pressure (kPa)		Casing Pressure (kPa)	Rig Time (hr)	
Operations Summary Continue to keep rigging in surface equipment to start completion										
Operations Next Report Period Continue rigging in surface equipment										
Job Contact		Title		Type				Mobile		
Gerry Sillito		CP Mgr (West)						403-542-1119		
John Butala		CP Superintendent		Office				403-651-4913		
Gerald Perreault		Safety Advisor						403-993-8420		
Rob DeWolfe		CP Field Super		Well Site Supervisor				403-598-6050		
Mike Periard		CP Field Super		Well Site Supervisor				780-926-0118		
Personnel Log										
Company					Count			Tot Work Time (hr)		
Pajak Engineering Ltd.					1			4.00		
Cummins Western Canada					1			8.00		
Time Log										
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com					
00:00	06:30	6.50	SDFN	Shut down for night	Shut down for night					
06:30	07:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Safety/Hazard meeting as per Husky Energy and NEB regulations with all personal working on location					
07:00	15:00	8.00	RIGUP	Rig up	Generator was checked by the Mechanic and was working good. Check Valve added to Fuel line , Made Shorter to reduce exposure from Fuel tank to building. All Wellsite trailers are powered up. Numerous bulbs and fixtures broken from the mobilization. Replaced and repaired numerous fixtures. All furnaces were started but we were having issues with 2 furnaces cutting out. Will be back tomorrow with a furnace maintenance man to service the 2 furnaces.					
15:00	00:00	9.00	SDFN	Shut down for night	Shut down for night					
00:00	00:00	0.00	BRKTM	Lunch Break	Gave crews sufficient time for Coffee/Lunch breaks for the day					
Report Fluids Summary										
Fluid		To well (m³)		From well (m³)		To lease (m³)		From lease (m³)		
Other		0.00		0.00		0.00		0.00		
Safety Checks										
Time	Des			Type			Com			
06:30	Safety / Hazard Assesment Meeting			Safety Meeting			Held Safety/Hazard meeting as per Husky and NEB regulations, Topics discussed were spotters when backing on Husky well sites, Very cold working conditions, traveling in pairs, Journey Management , (tell others where you going) , Call out Kms when on roads way speed limit 30 km MAX , Follow Operating Procedures outlined in Orientation & Project Planned Operation , Slips Trips and Falls, Pinch Points, Take regular breaks, dress accordingly for cold weather conditions , Use drip trays under all parked vehicles, No Spill Policy , contain all garbage.			

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 8, Report Date: 1/26/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00			

**Logs**

Date	Type	Top (mKB)	Btm (mKB)	Cased?

**Perforations**

Date	Pool	Top (mKB)	Btm (mKB)	Current Status

**<typ> on <dttm>**

Date	Pool	Type	Stim/Treat Company
Stg #	Stage Type	Top (mKB)	Btm (mKB)
			Vol Clean Pump (m³)

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 9, Report Date: 1/27/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00			
Primary Wellbore Affected Original Hole, 300H64650012600		Primary Job Type Initial Completion		Secondary Job Type Other		Final Status		Spud Date		Target Formation Canol
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.								End Date 8/5/2013		
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 2/18/2013				
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 3/6/2013				
Weather Clear / Extreme windchill		Temperature (°C) -48	Road Condition Icy/Snow covered			Tubing Pressure (kPa)		Casing Pressure (kPa)	Rig Time (hr)	
Operations Summary Double check all Gen-Sets , good , release cummins mechanic , Start to Install communication devices , Sat. Phones in 3 WSS shacks, Repair 2 faulty furnaces in shacks, Continue to Repair light fixtures , Haul in 31 M3 of KCL kill fluid.										
Operations Next Report Period Continue to Rig in Communication Equipment.										
Job Contact	Title			Type				Mobile		
Gerry Sillito	CP Mgr (West)							403-542-1119		
John Butala	CP Superintendent			Office				403-651-4913		
Gerald Perreault	Safety Advisor							403-993-8420		
Rob DeWolfe	CP Field Super			Well Site Supervisor				403-598-6050		
Mike Periard	CP Field Super			Well Site Supervisor				780-926-0118		
Lyle McGratton	CP Field Super			Well Site Supervisor				403-968-3505		
Personnel Log										
Company						Count		Tot Work Time (hr)		
Pajak Engineering Ltd.						1		11.00		
Cummins Western Canada						1		8.00		
Denali Oilfield Services						2		8.00		
						3		6.00		
						2		6.00		
Time Log										
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com					
00:00	06:30	6.50	SDFN	Shut down for night	Shut down for night					
06:30	07:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Safety/Hazard meeting as per Husky Energy and NEB regulations with all personal working on location					
07:00	18:00	11.00	MISC	Miscellaneous operations.	Haul in 31 m3 of KCL kill fluid , (store in plugged & capped insulated 400 BBL holding tank) Assist Mechanic in double checking 2-Total Gen-Sets, Good , Release Mechanic Assist Whip-onics Rep in repairing 2 furnaces. Good. Denali Sewer Reps inspect power supply to sewers & holding tanks , Good. Assist Communication Rep in Installing Sat. Phones in WSS shacks, Inspect Propane tanks on WSS shacks , ( 2 hoses leaking ) shut in , New hoses will be installed in AM. Spot Enviro-Bin , holds dirty oils , garbage , etc ,(seperate compartments for materials) Continue to repair lighting , function test all equipment inside shacks, Good. Travel to Camp @ Km 24 .					
18:00	18:00	0.00	BRKTM	Lunch Break	Gave crews sufficient time for Coffee/Lunch/Warm-up breaks for the day					
18:00	01:00	7.00	SDFN	Shut down for night	Shut down for night					
Report Fluids Summary										
Fluid	To well (m³)			From well (m³)		To lease (m³)		From lease (m³)		
Other								0.00	31.00	

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 9, Report Date: 1/27/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.						
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012						
Cut/Fill (m)	0.0	Ground Elv. (m)	178.00	KB Elevation (m)	183.20	KB to Gnd (m)	5.20	KB-CF (m)	5.47	KB-TH (m)	5.00	TD All (TVD) (mKB)	Original Hole - 1,340.79	PBTD (All) (mKB)	Original Hole - 1,317.00

**Safety Checks**

Time	Des	Type	Com
06:30	Safety / Hazard Assesment Meeting	Safety Meeting	Held Safety/Hazard meeting as per Husky and NEB regulations, Topics discussed were spotters when backing on Husky well sites, Very cold working conditions, traveling in pairs, Journey Management , (tell others where you going) , Call out Kms when on roads way speed limit 30 km MAX , Follow Operating Procedures outlined in Orientation & Project Planned Operation , Slips Trips and Falls, Pinch Points, Take regular breaks, dress accordingly for cold weather conditions , Use drip trays under all parked vehicles, No Spill Policy , contain all garbage , Spotter when Moving vehicles around location.

**Logs**

Date	Type	Top (mKB)	Btm (mKB)	Cased?

**Perforations**

Date	Pool	Top (mKB)	Btm (mKB)	Current Status

**<typ> on <dttm>**

Date	Pool	Type	Stim/Treat Company	
Stg #	Stage Type	Top (mKB)	Btm (mKB)	Vol Clean Pump (m³)

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 10, Report Date: 1/28/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.		
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012		
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79		PBTM (All) (mKB) Original Hole - 1,317.00			
Primary Wellbore Affected Original Hole, 300H64650012600		Primary Job Type Initial Completion		Secondary Job Type Other		Final Status		Spud Date		Target Formation Canol	
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.									End Date 8/5/2013		
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 2/18/2013					
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 3/6/2013					
Weather Clear / Extreme windchill		Temperature (°C) -48	Road Condition Icy/Snow covered			Tubing Pressure (kPa)		Casing Pressure (kPa)		Rig Time (hr)	
Operations Summary Travel to H-64 Double check all Gen-Sets , good , Continue to Install communication devices , Sat. Phones in 3 WSS shacks, Assist 2 camp personnel in cleaning shacks x 2 (continue to clean when more time permits) Travel back to N-09											
Operations Next Report Period Continue to Rig in Communication Equipment.											
Job Contact		Title		Type					Mobile		
Gerry Sillito		CP Mgr (West)							403-542-1119		
John Butala		CP Superintendent		Office					403-651-4913		
Gerald Perreault		Safety Advisor							403-993-8420		
Rob DeWolfe		CP Field Super		Well Site Supervisor					403-598-6050		
Mike Periard		CP Field Super		Well Site Supervisor					780-926-0118		
Lyle McGratton		CP Field Super		Well Site Supervisor					403-968-3505		
Personnel Log											
Company						Count			Tot Work Time (hr)		
Pajak Engineering Ltd.						1			9.00		
Borealis Communications Inc.						2			18.00		
0.00									0.00		
Time Log											
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com						
00:00	08:30	8.50	SDFN	Shut down for night	Shut down for night						
08:30	09:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Safety/Hazard meeting as per Husky Energy and NEB regulations with all personal working on location						
09:00	18:00	9.00	MISC	Miscellaneous operations.	Travel to location , Inspect Gen-Sets , Tank farm , Light Towers. Continue to install Communications in WSS : Sat.phones , Internet , Sat TV Clean WSShack's (dirty from transportation) Glass on floors from broken lights. With 2 Camp personnel. Fuel Equipment.						
18:00	18:00	0.00	BRKTM	Lunch Break	Gave crews sufficient time for Coffee/Lunch/Warm-up breaks for the day						
18:00	00:00	6.00	SDFN	Shut down for night	Shut down for night						
Report Fluids Summary											
Fluid		To well (m³)		From well (m³)		To lease (m³)		From lease (m³)			
Other		0.00		0.00		0.00		0.00			

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 10, Report Date: 1/28/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.						
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012						
Cut/Fill (m)	0.0	Ground Elv. (m)	178.00	KB Elevation (m)	183.20	KB to Gnd (m)	5.20	KB-CF (m)	5.47	KB-TH (m)	5.00	TD All (TVD) (mKB)	Original Hole - 1,340.79	PBTD (All) (mKB)	Original Hole - 1,317.00

**Safety Checks**

Time	Des	Type	Com
09:00	Safety / Hazard Assesment Meeting	Safety Meeting	Held Safety/Hazard meeting as per Husky and NEB regulations, Topics discussed were spotters when backing on Husky well sites, Very cold working conditions, traveling in pairs, Journey Management , (tell others where you going) , Call out Kms when on roads way speed limit 30 km MAX , Follow Operating Procedures outlined in Orientation & Project Planned Procedure , Slips Trips and Falls, Pinch Points, Take regular breaks, dress accordingly for cold weather conditions , Use drip trays under all parked vehicles, No Spill Policy , contain all garbage , Spotter when Moving vehicles around location.

**Logs**

Date	Type	Top (mKB)	Btm (mKB)	Cased?

**Perforations**

Date	Pool	Top (mKB)	Btm (mKB)	Current Status

**<typ> on <dttm>**

Date	Pool	Type	Stim/Treat Company

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 11, Report Date: 1/29/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.		
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012		
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79		PBTD (All) (mKB) Original Hole - 1,317.00			
Primary Wellbore Affected Original Hole, 300H64650012600		Primary Job Type Initial Completion		Secondary Job Type Other		Final Status		Spud Date		Target Formation Canol	
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.									End Date 8/5/2013		
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 2/18/2013					
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 3/6/2013					
Weather Clear / Extreme windchill		Temperature (°C) -40	Road Condition Icy/Snow covered			Tubing Pressure (kPa)		Casing Pressure (kPa)		Rig Time (hr) 5,711.00	
Operations Summary Travel to H-64 Double check all Gen-Sets, good, Wait in Communication rep, truck not working proper. Switch out 110 v plugs on light towers to accomodate vaporizer. Travel back to N-09											
Operations Next Report Period Continue to Rig in Communication Equipment.											
Job Contact		Title		Type				Mobile			
Gerry Sillito		CP Mgr (West)						403-542-1119			
John Butala		CP Superintendent		Office				403-651-4913			
Gerald Perreault		Safety Advisor						403-993-8420			
Rob DeWolfe		CP Field Super		Well Site Supervisor				403-598-6050			
Mike Periard		CP Field Super		Well Site Supervisor				780-926-0118			
Lyle McGratton		CP Field Super		Well Site Supervisor				403-968-3505			
Personnel Log											
Company						Count		Tot Work Time (hr)			
Pajak Engineering Ltd.						1		12.00			
1		1.00									
Time Log											
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com						
00:00	06:30	6.50	SDFN	Shut down for night	No Activity						
06:30	07:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Safety/Hazard meeting as per Husky Energy and NEB regulations with all personal working on location						
07:00	19:00	12.00	MISC	Miscellaneous operations.	Travel to H-64 from N-09. Inspect Gen-Sets, Good. Check all shacks, Good. Wait on Borealis Communication Rep, (truck not working proper) Leave H-64 and travel back to N-09 Travel back to H-64 to assist lowboy tractor / trailer load out steam vaporizer unit and haul to N-09. Change out plugs on light tower, remove GFI plugs and replace with regular plugs to accomodate Stream vaporizer unit. Travel back to N-09						
19:00	19:00	0.00	BRKTM	Coffee Break	Gave crews sufficient time for Coffee/Lunch/Warm-up breaks for the day						
19:00	00:00	5.00	SDFN	Shut down for night	No Activity						
Report Fluids Summary											
Fluid	To well (m³)		From well (m³)		To lease (m³)			From lease (m³)			
Other	0.00		0.00		0.00			0.00			

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 11, Report Date: 1/29/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.						
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012						
Cut/Fill (m)	0.0	Ground Elv. (m)	178.00	KB Elevation (m)	183.20	KB to Gnd (m)	5.20	KB-CF (m)	5.47	KB-TH (m)	5.00	TD All (TVD) (mKB)	Original Hole - 1,340.79	PBTD (All) (mKB)	Original Hole - 1,317.00

**Safety Checks**

Time	Des	Type	Com
07:30	Safety / Hazard Assesment Meeting	Safety Meeting	Held Safety/Hazard meeting as per Husky and NEB regulations, Topics discussed were spotters when backing on Husky well sites, Very cold working conditions, traveling in pairs, Journey Management , (tell others where you going) , Call out Kms when on roads way speed limit 30 km MAX , Follow Operating Procedures outlined in Orientation & Project Planned Procedure , Slips Trips and Falls, Pinch Points, Take regular breaks, dress accordingly for cold weather conditions , Use drip trays under all parked vehicles, No Spill Policy , contain all garbage , Spotter when Moving vehicles around location.

**Logs**

Date	Type	Top (mKB)	Btm (mKB)	Cased?

**Perforations**

Date	Pool	Top (mKB)	Btm (mKB)	Current Status

**<typ> on <dttm>**

Date	Pool	Type	Stim/Treat Company

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 12, Report Date: 1/30/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.		
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012		
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00				
Primary Wellbore Affected Original Hole, 300H64650012600		Primary Job Type Initial Completion		Secondary Job Type Other		Final Status		Spud Date		Target Formation Canol	
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.									End Date 8/5/2013		
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 2/18/2013					
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 3/6/2013					
Weather Clear / Extreme windchill		Temperature (°C) -40	Road Condition Icy/Snow covered			Tubing Pressure (kPa)		Casing Pressure (kPa)		Rig Time (hr) 0.00	
Operations Summary Double check all Gen-Sets, good, Switch out 110 v plugs on light towers to accommodate vaporizer.											
Operations Next Report Period Continue to Rig in Communication Equipment.											
Job Contact		Title		Type					Mobile		
Gerry Sillito		CP Mgr (West)							403-542-1119		
John Butala		CP Superintendent		Office					403-651-4913		
Gerald Perreault		Safety Advisor							403-993-8420		
Rob DeWolfe		CP Field Super		Well Site Supervisor					403-598-6050		
Mike Periard		CP Field Super		Well Site Supervisor					780-926-0118		
Lyle McGratton		CP Field Super		Well Site Supervisor					403-968-3505		
Personnel Log											
Company							Count		Tot Work Time (hr)		
Pajak Engineering Ltd.							1		8.00		
Borealis Communications Inc.							1		8.00		
Time Log											
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.		Com					
00:00	09:00	9.00	SDFN	Shut down for night		No Activity					
09:00	09:30	0.50	SAFETY	Safety Meetings (Pre-job, daily)		Safety/Hazard meeting as per Husky Energy and NEB regulations with all personal working on location					
09:30	17:30	8.00	MISC	Miscellaneous operations.		Travel to H-64 with Borealis Communication rep. Check Gen-Sets, light towers and tank farm. Continue to run phone lines to shacks. Post all proper paperwork for WSS in Safety shack and Communication shack. Travel Back to N-09					
17:30	17:30	0.00	BRKTM	Coffee Break		Gave crews sufficient time for Coffee/Lunch/Warm-up breaks for the day					
17:30	00:00	6.50	SDFN	Shut down for night		No Activity					
Report Fluids Summary											
Fluid		To well (m³)		From well (m³)		To lease (m³)		From lease (m³)			
Other		0.00		0.00		0.00		0.00			
Safety Checks											
Time	Des			Type			Com				
09:00	Safety / Hazard Assesment Meeting			Safety Meeting			Held Safety/Hazard meeting as per Husky and NEB regulations, Topics discussed were spotters when backing on Husky well sites, Very cold working conditions, traveling in pairs, Journey Management , (tell others where you going) , Call out kms when on roads way speed limit 30 km MAX , Follow Operating Procedures outlined in Orientation & Project Planned Procedure , Slips Trips and Falls, Pinch Points, Take regular breaks, dress accordingly for cold weather conditions , Use drip trays under all parked vehicles, No Spill Policy , contain all garbage , Spotter when Moving vehicles around location.				

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 12, Report Date: 1/30/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00			

**Logs**

Date	Type	Top (mKB)	Btm (mKB)	Cased?

**Perforations**

Date	Pool	Top (mKB)	Btm (mKB)	Current Status

**<typ> on <dttm>**

Date	Pool	Type	Stim/Treat Company
Stg #	Stage Type	Top (mKB)	Btm (mKB)
			Vol Clean Pump (m³)

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 13, Report Date: 1/31/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79		PBTD (All) (mKB) Original Hole - 1,317.00		
Primary Wellbore Affected Original Hole, 300H64650012600		Primary Job Type Initial Completion		Secondary Job Type Other		Final Status		Spud Date		Target Formation Canol
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.								End Date 8/5/2013		
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 2/18/2013				
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 3/6/2013				
Weather Clear / Extreme windchill		Temperature (°C) -30	Road Condition Icy/Snow covered			Tubing Pressure (kPa)		Casing Pressure (kPa)	Rig Time (hr)	
Operations Summary Travel to H-64 with new Community labour workers and Medic Orientate new crew to Husky Policies, location, job procedures and equipment. Check Gen-Sets, good. Gen-Set x 2 went down Call will be made to Cummins Mechanic for trouble shooting direction. Travel to N-09										
Operations Next Report Period Continue to Rig in Communication Equipment.										
Job Contact		Title		Type				Mobile		
Gerry Sillito		CP Mgr (West)						403-542-1119		
John Butala		CP Superintendent		Office				403-651-4913		
Gerald Perreault		Safety Advisor						403-993-8420		
Rob DeWolfe		CP Field Super		Well Site Supervisor				403-598-6050		
Mike Periard		CP Field Super		Well Site Supervisor				780-926-0118		
Lyle McGratton		CP Field Super		Well Site Supervisor				403-968-3505		
Personnel Log										
Company					Count			Tot Work Time (hr)		
Pajak Engineering Ltd.					1			8.00		
Borealis Communications Inc.					1			8.00		
Time Log										
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com					
00:00	06:30	6.50	SDFN	Shut down for night	No Activity					
06:30	07:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Safety/Hazard meeting as per Husky Energy and NEB regulations with all personal working on location					
07:00	16:00	9.00	MISC	Miscellaneous operations.	Travel to H-64 with new Community labour workers and Medic Orientate the new crew regarding Husky Policies, the location, job procedures and equipment. Check Gen-Sets, good. Discuss job tasks (workers have no PPE yet) Travel back to N-09 Gen-Set x 2 goes down medic and myself travel to location Trouble shoot problem with 100 kw Gen-Set not getting fuel. Clean screen in fuel supplyline...good. Trouble shoot 125 kw Gen-Set, fuel not able to circulate and pressures up, frozen injectors. Call will be made to Cummins Mechanic for trouble shooting direction. Plug in WSS to operating Gen-Set, restart furnace x 2 check all others.good. Travel to Camp @ km 24, Meet with Community Workers in ensure they received their PPE. Good. Travel to N-09					
16:00	16:00	0.00	BRKTM	Coffee Break	Gave crews sufficient time for Coffee/Lunch/Warm-up breaks for the day					
16:00	00:00	8.00	SDFN	Shut down for night	No Activity					
Report Fluids Summary										
Fluid		To well (m³)		From well (m³)		To lease (m³)		From lease (m³)		
Other		0.00		0.00		0.00		0.00		

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 13, Report Date: 1/31/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.						
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012						
Cut/Fill (m)	0.0	Ground Elv. (m)	178.00	KB Elevation (m)	183.20	KB to Gnd (m)	5.20	KB-CF (m)	5.47	KB-TH (m)	5.00	TD All (TVD) (mKB)	Original Hole - 1,340.79	PBTD (All) (mKB)	Original Hole - 1,317.00

**Safety Checks**

Time	Des	Type	Com
06:30	Safety / Hazard Assesment Meeting	Safety Meeting	Held Safety/Hazard meeting as per Husky and NEB regulations, Topics discussed were spotters when backing on Husky well sites, Very cold working conditions, traveling in pairs, Journey Management , (tell others where you going) , Call out Kms when on roads way speed limit 30 km MAX , Follow Operating Procedures outlined in Orientation & Project Planned Procedure , Slips Trips and Falls, Pinch Points, Take regular breaks, dress accordingly for cold weather conditions , Use drip trays under all parked vehicles, No Spill Policy , contain all garbage , Spotter when Moving vehicles around location.

**Logs**

Date	Type	Top (mKB)	Btm (mKB)	Cased?

**Perforations**

Date	Pool	Top (mKB)	Btm (mKB)	Current Status

**<typ> on <dttm>**

Date	Pool	Type	Stim/Treat Company

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 14, Report Date: 2/1/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79		PBTD (All) (mKB) Original Hole - 1,317.00		
Primary Wellbore Affected Original Hole, 300H64650012600		Primary Job Type Initial Completion	Secondary Job Type Other	Final Status		Spud Date		Target Formation Canol		
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.								End Date 8/5/2013		
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 2/18/2013				
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 3/6/2013				
Weather Clear / Extreme windchill		Temperature (°C) -25	Road Condition Icy/Snow covered			Tubing Pressure (kPa)		Casing Pressure (kPa)	Rig Time (hr)	
Operations Summary Perform walk around N-09 with new workers , showing/explaining the equipment/purpose. Travel to H-64 continue to install communications, lay rubber mat, swamp matts on top for rig. Trouble shoot & start 125 KW Gen-Set ,										
Operations Next Report Period Continue to Rig in Communication Equipment.										
Job Contact	Title			Type				Mobile		
Gerry Sillito	CP Mgr (West)							403-542-1119		
John Butala	CP Superintendent			Office				403-651-4913		
Gerald Perreault	Safety Advisor							403-993-8420		
Rob DeWolfe	CP Field Super			Well Site Supervisor				403-598-6050		
Bob Cholach	CP Field Super			Well Site Supervisor				780-814-0707		
Personnel Log										
Company					Count			Tot Work Time (hr)		
Pajak Engineering Ltd.					1			12.00		
Borealis Communications Inc.					1			6.00		
Willow Lake Environmental Ltd.					1			6.00		
					4			48.00		
Time Log										
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com					
00:00	06:30	6.50	SDFN	Shut down for night	No Activity					
06:30	07:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Safety/Hazard meeting as per Husky Energy and NEB regulations with all personal working on location					
07:00	19:00	12.00	MISC	Miscellaneous operations.	Do walk around N-09 with new community workers , 08:30 travel to 'main' SRP Camp @ km 24 , Meet 2 elders from Community , sit in on Aboriginal Meeting. 10:30 Continue walk around location @ N-09 with Workers, Explaining surface Equipment to workers. 13:00 Travel to H-64 with workers, loader, communication rep, medic. review hazard assessment, Check 100 kw gen-set good. workers unfold rubber 20 mm 60 x 53' matting x 2 lay out rubber mat for under swamp matting where Service Rig will be positioned. Continue to install Sat.phone lines , Trouble shoot 125 KW Gen-Set. Got it Started , plugged in Denali sewer system into to Gen-Set , Monitored running of Gen-Set , o.k. Unloaded Propane for Test Equipment. Travel back to Camp @ km 24.					
19:00	19:00	0.00	BRKTM	Coffee Break	Gave crews sufficient time for Coffee/Lunch/Warm-up breaks for the day					
19:00	00:00	5.00	SDFN	Shut down for night	No Activity					
Report Fluids Summary										
Fluid	To well (m³)			From well (m³)		To lease (m³)		From lease (m³)		
Other	0.00			0.00		0.00		0.00		

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 14, Report Date: 2/1/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.						
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012						
Cut/Fill (m)	0.0	Ground Elv. (m)	178.00	KB Elevation (m)	183.20	KB to Gnd (m)	5.20	KB-CF (m)	5.47	KB-TH (m)	5.00	TD All (TVD) (mKB)	Original Hole - 1,340.79	PBTD (All) (mKB)	Original Hole - 1,317.00

**Safety Checks**

Time	Des	Type	Com
06:30	Safety / Hazard Assesment Meeting	Safety Meeting	Held Safety/Hazard meeting as per Husky and NEB regulations, Topics discussed were spotters when backing on Husky well sites, Very cold working conditions, traveling in pairs, Journey Management , (tell others where you going) , Call out Kms when on roads way speed limit 30 km MAX , Follow Operating Procedures outlined in Orientation & Project Planned Procedure , Slips Trips and Falls, Pinch Points, Take regular breaks, dress accordingly for cold weather conditions , Use drip trays under all parked vehicles, No Spill Policy , contain all garbage , Spotter when Moving vehicles around location.

**Logs**

Date	Type	Top (mKB)	Btm (mKB)	Cased?

**Perforations**

Date	Pool	Top (mKB)	Btm (mKB)	Current Status

**<typ> on <dttm>**

Date	Pool	Type	Stim/Treat Company

**Stg #**

Stg #	Stage Type	Top (mKB)	Btm (mKB)	Vol Clean Pump (m³)

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 15, Report Date: 2/2/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79		PBTD (All) (mKB) Original Hole - 1,317.00		
Primary Wellbore Affected Original Hole, 300H64650012600		Primary Job Type Initial Completion	Secondary Job Type Other	Final Status		Spud Date		Target Formation Canol		
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.								End Date 8/5/2013		
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 2/18/2013				
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 3/6/2013				
Weather Clear / Extreme windchill		Temperature (°C) -25	Road Condition Icy/Snow covered			Tubing Pressure (kPa)		Casing Pressure (kPa)	Rig Time (hr)	
Operations Summary Matted around wellhead with plastic underlay and swamp matts, hauled in 30 m <sup>3</sup> of methanol, hauled in a spare faulty 125 kva light plant.										
Operations Next Report Period Wait on service rig										
Job Contact		Title		Type				Mobile		
Gerry Sillito		CP Mgr (West)						403-542-1119		
John Butala		CP Superintendent		Office				403-651-4913		
Gerald Perreault		Safety Advisor						403-993-8420		
Rob DeWolfe		CP Field Super		Well Site Supervisor				403-598-6050		
Mike Periard		CP Field Super		Well Site Supervisor				780-926-0118		
Lyle McGratton		CP Field Super		Well Site Supervisor				403-968-3505		
Personnel Log										
Company							Count	Tot Work Time (hr)		
Pajak Engineering Ltd.							1	5.00		
							1	8.00		
Borealis Communications Inc.							1	6.00		
							1	6.00		
Willow Lake Environmental Ltd.							4	40.00		
Time Log										
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com					
00:00	06:30	6.50	SDFN	Shut down for night	No Activity					
06:30	07:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Safety/Hazard meeting as per Husky Energy and NEB regulations with all personal working on location					
07:00	12:00	5.00	MISC	Miscellaneous operations.	Travel to location , With 4 community workers , medic and crossshift (Bob Cholach) Check Gen-Sets . good. Lay 60' x 53' mat down , lay swamp mats with loader on top (for rig catwalk) Off load 25 m <sup>3</sup> of 50-50 methanol/water mix Review Cross-Over Notes, do walk around location , Travel back to camp @ km 24					
12:00	12:00	0.00	BRKTM	Coffee Break	Gave crews sufficient time for Coffee/Lunch/Warm-up breaks for the day					
12:00	00:00	12.00	SDFN	Shut down for night	No Activity					
Report Fluids Summary										
Fluid		To well (m <sup>3</sup> )		From well (m <sup>3</sup> )		To lease (m <sup>3</sup> )		From lease (m <sup>3</sup> )		
Other								0.00		
30.00										

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 15, Report Date: 2/2/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.						
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012						
Cut/Fill (m)	0.0	Ground Elv. (m)	178.00	KB Elevation (m)	183.20	KB to Gnd (m)	5.20	KB-CF (m)	5.47	KB-TH (m)	5.00	TD All (TVD) (mKB)	Original Hole - 1,340.79	PBTD (All) (mKB)	Original Hole - 1,317.00

**Safety Checks**

Time	Des	Type	Com
06:30	Safety / Hazard Assesment Meeting	Safety Meeting	Held Safety/Hazard meeting as per Husky and NEB regulations, Topics discussed were spotters when backing on Husky well sites, Very cold working conditions, traveling in pairs, Journey Management , (tell others where you going) , Call out Kms when on roads way speed limit 30 km MAX , Follow Operating Procedures outlined in Orientation & Project Planned Procedure , Slips Trips and Falls, Pinch Points, Take regular breaks, dress accordingly for cold weather conditions , Use drip trays under all parked vehicles, No Spill Policy , contain all garbage , Spotter when Moving vehicles around location.
08:00	Safety / Hazard Assesment Meeting	Safety Meeting	Held Safety/Hazard meeting as per Husky and NEB regulations, Topics discussed were spotters when backing on Husky well sites, Very cold working conditions, traveling in pairs, Journey Management , (tell others where you going) , Call out Kms when on roads way speed limit 30 km MAX , Follow Operating Procedures outlined in Orientation & Project Planned Procedure , Slips Trips and Falls, Pinch Points, Take regular breaks, dress accordingly for cold weather conditions , Use drip trays under all parked vehicles, No Spill Policy , contain all garbage , Spotter when Moving vehicles around location.

**Logs**

Date	Type	Top (mKB)	Btm (mKB)	Cased?

**Perforations**

Date	Pool	Top (mKB)	Btm (mKB)	Current Status

**<typ> on <dttm>**

Date	Pool	Type	Stim/Treat Company	
Stg #	Stage Type	Top (mKB)	Btm (mKB)	Vol Clean Pump (m³)

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 16, Report Date: 2/3/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.		
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012		
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79		PBTD (All) (mKB) Original Hole - 1,317.00			
Primary Wellbore Affected Original Hole, 300H64650012600		Primary Job Type Initial Completion		Secondary Job Type Other		Final Status		Spud Date		Target Formation Canol	
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.									End Date 8/5/2013		
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 2/18/2013					
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 3/6/2013					
Weather		Temperature (°C) Icy/Snow covered	Road Condition			Tubing Pressure (kPa)		Casing Pressure (kPa)	Rig Time (hr)		
Operations Summary Filled wellsite trailers with water, Operations Next Report Period wait on service rig											
Job Contact		Title		Type			Mobile				
Gerry Sillito		CP Mgr (West)					403-542-1119				
John Butala		CP Superintendent		Office			403-651-4913				
Gerald Perreault		Safety Advisor					403-993-8420				
Rob DeWolfe		CP Field Super		Well Site Supervisor			403-598-6050				
Bob Cholach		CP Field Super		Well Site Supervisor			780-814-0707				
<b>Personnel Log</b>											
Company						Count		Tot Work Time (hr)			
Benchmark Engineering Inc.						1		12.00			
Borealis Communications Inc.						1		6.00			
Willow Lake Environmental Ltd.						1		12.00			
4		48.00									
<b>Time Log</b>											
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.		Com					
00:00	00:00	24.00	MISC	Miscellaneous operations.		well waiting on service rig					
<b>Report Fluids Summary</b>											
Fluid	To well (m³)		From well (m³)		To lease (m³)		From lease (m³)				
Other	0.00		0.00		0.00		0.00				
<b>Safety Checks</b>											
Time	Des		Type			Com					
<b>Logs</b>											
Date	Type			Top (mKB)		Btm (mKB)		Cased?			
<b>Perforations</b>											
Date	Pool		Top (mKB)		Btm (mKB)		Current Status				
<b>&lt;typ&gt; on &lt;dtm&gt;</b>											
Date	Pool			Type				Stim/Treat Company			
Stg #	Stage Type	Top (mKB)		Btm (mKB)		Vol Clean Pump (m³)					
<b>Other In Hole</b>											
Des	Run Date		OD (mm)		Top (mKB)		Btm (mKB)				
<b>Cement</b>											
Des	Start Date				Cement Comp						

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 17, Report Date: 2/4/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.			
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012			
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00					
Primary Wellbore Affected Original Hole, 300H64650012600		Primary Job Type Initial Completion		Secondary Job Type Other		Final Status		Spud Date		Target Formation Canol		
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.									End Date 8/5/2013			
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 2/18/2013						
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 3/6/2013						
Weather light snow		Temperature (°C) -26	Road Condition Icy/Snow covered			Tubing Pressure (kPa)		Casing Pressure (kPa)		Rig Time (hr)		
Operations Summary Hauled in 20 m3 of CaCl kill fluid.												
Operations Next Report Period												
Job Contact		Title		Type				Mobile				
Gerry Sillito		CP Mgr (West)		Office				403-542-1119				
John Butala		CP Superintendent						403-651-4913				
Gerald Perreault		Safety Advisor						403-993-8420				
Bob Cholach		CP Field Super		Well Site Supervisor				780-814-0707				
<b>Personnel Log</b>												
Company						Count		Tot Work Time (hr)				
Benchmark Engineering Inc.						1		12.00				
Borealis Communications Inc.						1		6.00				
1		12.00										
<b>Time Log</b>												
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com							
00:00	00:00	24.00	MISC	Miscellaneous operations.	Hauled in 20 m3 of kill fluid							
<b>Report Fluids Summary</b>												
Fluid	To well (m³)		From well (m³)		To lease (m³)		From lease (m³)					
Other							0.00					
20.00												
<b>Safety Checks</b>												
Time	Des			Type			Com					
<b>Logs</b>												
Date	Type				Top (mKB)		Btm (mKB)		Cased?			
<b>Perforations</b>												
Date	Pool		Top (mKB)		Btm (mKB)		Current Status					
<b>&lt;typ&gt; on &lt;dtm&gt;</b>												
Date	Pool				Type				Stim/Treat Company			
Stg #	Stage Type	Top (mKB)		Btm (mKB)		Vol Clean Pump (m³)						
<b>Other In Hole</b>												
Des	Run Date		OD (mm)		Top (mKB)		Btm (mKB)					
<b>Cement</b>												
Des	Start Date					Cement Comp						

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 18, Report Date: 2/5/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.		
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012		
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00				
Primary Wellbore Affected Original Hole, 300H64650012600		Primary Job Type Initial Completion	Secondary Job Type Other	Final Status		Spud Date		Target Formation Canol			
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.								End Date 8/5/2013			
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 2/18/2013					
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 3/6/2013					
Weather snowy		Temperature (°C) -23	Road Condition icy/Snow covered			Tubing Pressure (kPa)		Casing Pressure (kPa)	Rig Time (hr)		
Operations Summary Well waiting on service rig.											
Operations Next Report Period wait on service rig											
Job Contact		Title		Type				Mobile			
Gerry Sillito		CP Mgr (West)		Office				403-542-1119			
John Butala		CP Superintendent						403-651-4913			
Gerald Perreault		Safety Advisor						403-993-8420			
Bob Cholach		CP Field Super		Well Site Supervisor				780-814-0707			
Personnel Log											
Company						Count		Tot Work Time (hr)			
Benchmark Engineering Inc.						1		12.00			
						1		12.00			
Time Log											
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com						
00:00	00:00	24.00	MISC	Miscellaneous operations.	well waiting on a service rig						
Report Fluids Summary											
Fluid		To well (m³)		From well (m³)		To lease (m³)		From lease (m³)			
Other		0.00		0.00		0.00		0.00			
Safety Checks											
Time	Des		Type			Com					
Logs											
Date	Type			Top (mKB)			Btm (mKB)			Cased?	
Perforations											
Date	Pool		Top (mKB)			Btm (mKB)			Current Status		
<typ> on <dttm>											
Date	Pool			Type						Stim/Treat Company	
Stg #	Stage Type	Top (mKB)			Btm (mKB)			Vol Clean Pump (m³)			
Other In Hole											
Des			Run Date		OD (mm)		Top (mKB)		Btm (mKB)		
Cement											
Des		Start Date					Cement Comp				

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 19, Report Date: 2/6/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.		
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012		
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79		PBTD (All) (mKB) Original Hole - 1,317.00			
Primary Wellbore Affected Original Hole, 300H64650012600		Primary Job Type Initial Completion		Secondary Job Type Other		Final Status		Spud Date		Target Formation Canol	
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.									End Date 8/5/2013		
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 2/18/2013					
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 3/6/2013					
Weather clear		Temperature (°C) -28	Road Condition Icy/Snow covered			Tubing Pressure (kPa)		Casing Pressure (kPa)		Rig Time (hr)	
Operations Summary Organize rig move for the AM.											
Operations Next Report Period move in and rig up service rig											
Job Contact		Title		Type					Mobile		
Gerry Sillito		CP Mgr (West)		Office					403-542-1119		
John Butala		CP Superintendent							403-651-4913		
Gerald Perreault		Safety Advisor							403-993-8420		
Bob Cholach		CP Field Super		Well Site Supervisor					780-814-0707		
<b>Personnel Log</b>											
Company						Count			Tot Work Time (hr)		
Benchmark Engineering Inc.						1			12.00		
						1			12.00		
<b>Time Log</b>											
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com						
00:00	00:00	24.00	MORU	Move on rig unit	Organize to move in service rig in the AM.						
<b>Report Fluids Summary</b>											
Fluid		To well (m³)		From well (m³)		To lease (m³)		From lease (m³)			
Other		0.00		0.00		0.00		0.00			
<b>Safety Checks</b>											
Time	Des			Type			Com				
<b>Logs</b>											
Date	Type				Top (mKB)			Btm (mKB)		Cased?	
<b>Perforations</b>											
Date	Pool		Top (mKB)			Btm (mKB)		Current Status			
<b>&lt;typ&gt; on &lt;dtm&gt;</b>											
Date	Pool				Type					Stim/Treat Company	
Stg #	Stage Type	Top (mKB)		Btm (mKB)			Vol Clean Pump (m³)				
<b>Other In Hole</b>											
Des	Run Date			OD (mm)		Top (mKB)		Btm (mKB)			
<b>Cement</b>											
Des	Start Date					Cement Comp					

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 20, Report Date: 2/7/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.			
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012			
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79		PBTD (All) (mKB) Original Hole - 1,317.00				
Primary Wellbore Affected Original Hole, 300H64650012600		Primary Job Type Initial Completion		Secondary Job Type Other		Final Status		Spud Date		Target Formation Canol		
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.									End Date 8/5/2013			
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 2/18/2013						
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 3/6/2013						
Weather cloudy		Temperature (°C) -25	Road Condition Icy/Snow covered			Tubing Pressure (kPa) 0		Casing Pressure (kPa) 0		Rig Time (hr) 17.00		
Operations Summary Moved in Nabors production services rig 211. Spotted, rigged in equipment.												
Operations Next Report Period recover WR plug												
Job Contact		Title		Type					Mobile			
Gerry Sillito		CP Mgr (West)							403-542-1119			
John Butala		CP Superintendent		Office					403-651-4913			
Gerald Perreault		Safety Advisor							403-993-8420			
Bob Cholach		CP Field Super		Well Site Supervisor					780-814-0707			
Rob DeWolfe		CP Field Super		Well Site Supervisor					403-598-6050			
<b>Personnel Log</b>												
Company						Count			Tot Work Time (hr)			
Benchmark Engineering Inc.						1			12.00			
Pajak Engineering Ltd.						1			5.00			
Frontier						1			12.00			
Nabors Production Services - Calgary						9			108.00			
Hodgsons Contracting (2005) Inc.						6			54.00			
<b>Time Log</b>												
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.		Com						
00:00	07:00	7.00	SDFN	Shut down for night		SDFN,						
07:00	07:30	0.50	TESTWH	Test wellhead seals		Pressure tested the tubing head seals to 18 mpa.						
07:30	08:00	0.50	MISC	Miscellaneous operations.		SCV had 250 bubbles /min.						
08:00	14:00	6.00	MORU	Move on rig unit		Moved in Nabors production service rig # 211						
14:00	18:30	4.50	RIGUP	Rig up		Spot and rig up rig and equipment						
18:30	19:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)		Safety meeting as per Husky Energy and NEB regulations with all personal working on location night crew, review Nabors J.S.A.						
19:00	00:00	5.00	RIGUP	Rig up		Orientate rig crew to location, review site specific hazard assessment. Continue to rig in equipment, Note:boiler having firing problems,not able to heat BOP's						
<b>Report Fluids Summary</b>												
Fluid		To well (m³)		From well (m³)		To lease (m³)		From lease (m³)				
Other		0.00		0.00		0.00		0.00				
<b>Safety Checks</b>												
Time	Des			Type			Com					
06:30	rig up			Safety Meeting			Held a job procedurs meeting with rig crew					
12:00	Move in and spot rig			Safety Meeting			Held a job procedurs meeting with trucks and rig crew					

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 20, Report Date: 2/7/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.						
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012						
Cut/Fill (m)	0.0	Ground Elv. (m)	178.00	KB Elevation (m)	183.20	KB to Gnd (m)	5.20	KB-CF (m)	5.47	KB-TH (m)	5.00	TD All (TVD) (mKB)	Original Hole - 1,340.79	PBTD (All) (mKB)	Original Hole - 1,317.00

**Safety Checks**

Time	Des	Type	Com
18:30	Safety / Hazard Assesment Meeting	Safety Meeting	Held Safety/Hazard meeting as per Husky and NEB regulations, Topics discussed were spotters when backing on Husky well sites, Very cold working conditions, traveling in pairs, Journey Management , (tell others where you going) , Call out Kms when on roads way speed limit 30 km MAX , Follow Operating Procedures outlined in Orientation & Project Planned Procedure , Slips Trips and Falls, Pinch Points, Take regular breaks, dress accordingly for cold weather conditions , Use drip trays under all parked vehicles, No Spill Policy , contain all garbage , Spotter when Moving vehicles around location.

**Logs**

Date	Type	Top (mKB)	Btm (mKB)	Cased?

**Perforations**

Date	Pool	Top (mKB)	Btm (mKB)	Current Status

**<typ> on <dttm>**

Date	Pool	Type	Stim/Treat Company

Stg #	Stage Type	Top (mKB)	Btm (mKB)	Vol Clean Pump (m³)

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 21, Report Date: 2/8/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79		PBTD (All) (mKB) Original Hole - 1,317.00		
Primary Wellbore Affected Original Hole, 300H64650012600		Primary Job Type Initial Completion	Secondary Job Type Other	Final Status		Spud Date		Target Formation Canol		
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.								End Date 8/5/2013		
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 2/18/2013				
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 3/6/2013				
Weather Clear , light wind		Temperature (°C) -28	Road Condition Icy/Snow covered			Tubing Pressure (kPa) 0	Casing Pressure (kPa) 0	Rig Time (hr) 24.00		
Operations Summary Trouble shoot boiler not 'firing'. drain fluids , prep for replacement , function & pressure test Blow Out Preventers ,										
Operations Next Report Period recover WR plug										
Job Contact		Title		Type				Mobile		
Gerry Sillito		CP Mgr (West)						403-542-1119		
John Butala		CP Superintendent		Office				403-651-4913		
Gerald Perreault		Safety Advisor						403-993-8420		
Bob Cholach		CP Field Super		Well Site Supervisor				780-814-0707		
Rob DeWolfe		CP Field Super		Well Site Supervisor				403-598-6050		
Personnel Log										
Company					Count			Tot Work Time (hr)		
Benchmark Engineering Inc.					1			12.00		
Pajak Engineering Ltd.					1			12.00		
Frontier					1			12.00		
Nabors Production Services - Calgary					9			108.00		
Time Log										
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com					
00:00	06:30	6.50	RIGUP	Rig up	00:00 Stand rig , function test crown saver,e-kills,center over well , anchor down. Continue to rig in service rig equipment. Run Accumulator lines , ground cables , power cords . Haul in 37.5 m3 of Fresh water to 400 BBL tank, 03:00 Hot Oiler heat fresh water tank. 150 joints of 73 mm tbg on pipe racks.  Note:boiler problems,not firing,unable to heat Pumplines/Equipment/BOP's 03:00 WSS & Rig Manager travel to N-09 inform boilerman to prep spare boiler for transport. Pick up Herman Nelson for heating BOP's Have Vac Truck travel to H-64 suck out fresh water from faulty boiler 04:30 Winch Tractor notified @ construction camp to load boiler @ N-09 Transport to H-64 ,					
06:30	06:30	0.00	BRKTM	Coffee Break	Gave crews sufficient time for Coffee/Lunch/Warm-up breaks for the day.					
06:30	07:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Held a safety meeting,					
07:00	19:00	12.00	RIGUP	Rig up	Continue to rig in equipment while trying to fix the boiler and for the frac on N9 to end so we could load out the spare boiler.					
19:00	19:30	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Safety meeting as per Husky Energy and NEB regulations with all personal working on location night crew , review Nabors J.S.A.					
19:30	00:00	4.50	TESTBOP	Test BOPs	Heat & Function test Bop's , Good . Have pressure truck/hot oiler pressure test BOP's on stump. Install MI Swaco 10,000 kPA pressure recorder , Install 73 mm pup joint on BOP close pipe rams . Pressure test pipe rams to 1,400 kPa low 34,500 kPa high , Good. Pressure test annular (bag) 1,400 kPA low 10,000 kPA high , Good. Remove pup joint , Pressure test blind rams 1,400 kPA low 34,500 kPa high All tests Good , All test Recorded , All test held for 10 minutes each. Pressure recorder sent to N-09 to be down loaded for documentation on location.					

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 21, Report Date: 2/8/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.		
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012		
Cut/Fill (m)	0.0	Ground Elv. (m)	178.00	KB Elevation (m)	183.20	KB to Gnd (m)	5.20	KB-CF (m)	5.47	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00

**Report Fluids Summary**

Fluid	To well (m³)	From well (m³)	To lease (m³)	From lease (m³)
Other	0.00		0.00	0.00

**Safety Checks**

Time	Des	Type	Com
06:30	Safety / Hazard Assesment Meeting	Safety Meeting	Held Safety/Hazard meeting as per Husky and NEB regulations, Topics discussed were spotters when backing on Husky well sites, Very cold working conditions, traveling in pairs, Journey Management , (tell others where you going) , Call out Kms when on roads way speed limit 30 km MAX , Follow Operating Procedures outlined in Orientation & Project Planned Procedure , Slips Trips and Falls, Pinch Points, Take regular breaks, dress accordingly for cold weather conditions , Use drip trays under all parked vehicles, No Spill Policy , contain all garbage , Spotter when Moving vehicles around location.
18:30	Safety / Hazard Assesment Meeting	Safety Meeting	Held Safety/Hazard meeting as per Husky and NEB regulations, Topics discussed were spotters when backing on Husky well sites, Very cold working conditions, traveling in pairs, Journey Management , (tell others where you going) , Call out Kms when on roads way speed limit 30 km MAX , Follow Operating Procedures outlined in Orientation & Project Planned Procedure , Slips Trips and Falls, Pinch Points, Take regular breaks, dress accordingly for cold weather conditions , Use drip trays under all parked vehicles, No Spill Policy , contain all garbage , Spotter when Moving vehicles around location.

**Logs**

Date	Type	Top (mKB)	Btm (mKB)	Cased?

**Perforations**

Date	Pool	Top (mKB)	Btm (mKB)	Current Status

**<typ> on <dttm>**

Date	Pool	Type	Stim/Treat Company	
Stg #	Stage Type	Top (mKB)	Btm (mKB)	Vol Clean Pump (m³)

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 22, Report Date: 2/9/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.								
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012								
Cut/Fill (m)	0.0	Ground Elv. (m)	178.00	KB Elevation (m)	183.20	KB to Gnd (m)	5.20	KB-CF (m)	5.47	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00						
<b>Primary Wellbore Affected</b> Original Hole, 300H64650012600																	
Primary Job Type Initial Completion		Secondary Job Type Other		Final Status		Spud Date		Target Formation Canol									
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.							End Date 8/5/2013										
Contractor Nabors Production Services		Rig Number 211		Rig Release Date 2/18/2013													
Contractor Nabors Production Services		Rig Number 211		Rig Release Date 3/6/2013													
Weather Clear , light wind		Temperature (°C) -26	Road Condition Icy/Snow covered		Tubing Pressure (kPa) 0		Casing Pressure (kPa) 0	Rig Time (hr) 24.00									
Operations Summary Installed Blow Out Preventers on well , replace faulty boiler , build steam , heat equipment. , rigged in work floor , rig up 73 mm tubing handling equipment. RIH and recovered the WR plug. RIH with bit and scraper.cir over to inhibited fresh water ,																	
Operations Next Report Period Scraper run & Wireline CBL																	
Job Contact		Title		Type			Mobile										
Gerry Sillito		CP Mgr (West)					403-542-1119										
John Butala		CP Superintendent		Office			403-651-4913										
Gerald Perreault		Safety Advisor					403-993-8420										
Bob Cholach		CP Field Super		Well Site Supervisor			780-814-0707										
Rob DeWolfe		CP Field Super		Well Site Supervisor			403-598-6050										
<b>Personnel Log</b>																	
Company					Count		Tot Work Time (hr)										
Benchmark Engineering Inc.					1		12.00										
Pajak Engineering Ltd.					1		12.00										
Frontier					1		12.00										
Nabors Production Services - Calgary					10		120.00										
Schlumberger Canada Ltd.					1		12.00										
<b>Time Log</b>																	
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com												
00:00	03:00	3.00	NDWH	Nipple down wellhead	Check SICP , remove top 7 1/16" x 2" Tapped LP thread x/o flange , Remove 5000# 7 1/16" Orbit Valve , Install 7 1/16" tbg hanger c/w 8' pup jt. Install service rig BOP's 5000 # Pressure rating 7 1/16" work spool , c/w gate valve, double gate (bilnd & pipe ram) , Annular (Bag) , Pressure test ring groove 1,400 kPa low 34,500 kPa high for 10 minutes each 10,000 kPa recorder in place for pressure tests. Note: 01:00 am spot boiler , transfer water , build steam.												
03:00	03:30	0.50	BRKTM	Lunch Break	Lunch / Warm-up Break.												
03:30	04:30	1.00	MISC	Miscellaneous operations.	Circulate steam throughout boilerline system , repair leaks ,turn on all steam heaters ,												
04:30	06:30	2.00	RIGUP	Rig up	Lower work floor , install handrails, stairs to ground level x 2 , Power Tongs , 73 mm Handling Equipment , Pre-Fabs under work floor for BOP's . 150 joints of 73 mm on racks 15 M3 of fresh water in rig tank 20 M3 of fresh in 400 BBL # 1 30 M3 of 50/50 methanol/water. 50 M3 of KCL Kill Fluid.												
06:30	06:30	0.00	BRKTM	Coffee Break	Gave crews sufficient time for Coffee/Lunch/Warm-up breaks for the day.												
06:30	07:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Crew change safety meeting,												
07:00	11:00	4.00	RIH_TB	Run in hole tubing	Tally drift and RIH with Schlumberger WR retrieving head and 49 jts 73mm tubing,												
11:00	12:00	1.00	SETTOOL	Setting or unsetting packers	Tagged the WR plug at 478 mkb. Latched onto and released the plug.												
12:00	15:00	3.00	CIRC	Circulate well clean	Circulated the well to ensure the wellbore was warm. Had to stop and repair the rig light plant for 2 hrs.												
15:00	15:30	0.50	POOH_TB	POOH tubing	POOH with the WR plug.												

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 22, Report Date: 2/9/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00			

**Time Log**

Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com
15:30	18:30	3.00	RIH_TB	Run in hole tubing	Tally drift and RIH with a 155 mm mill and a casing scraper for 177 mm 34.23 kg/m3 casing.
18:30	19:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Safety meeting with all night crew personal working on location as per Husky Energy and NEB regulations , review Nabors J.S.A.
19:00	21:30	2.50	RIH_TB	Run in hole tubing	76 joints of 73 mm 9.67 kg/m L-80 EUE tubing in hole , Continue to Tally , Drift and RIH with a 155 mm mill and Casing Scraper for 177 mm 34.23 kg/m3 casing. Scrape 1200 - 1250 mKb 5 x for potential packer setting. Tag PBTD @ 1318.4 mKb tally depth. Pull & lay out tag joint # 136 .
21:30	22:30	1.00	CIRC	Circulate well clean	Heat pumping lines , reverse circulate fresh inhibited water (bottoms-up) 6 m3 , clean inhibited returns , stop pumping , drain lines ,
22:30	23:30	1.00	POOH_TB	POOH tubing	Pull & lay down 10 joints of 73 mm tubing, Pull 20 stands ,
23:30	00:00	0.50	MISC	Miscellaneous operations.	Blow Out Drill , 58 seconds , hard shut in , muster @ lease enterance.

**Report Fluids Summary**

Fluid	To well (m³)	From well (m³)	To lease (m³)	From lease (m³)
Other	0.00	0.00	0.00	0.00

**Safety Checks**

Time	Des	Type	Com
06:30	Safety / Hazard Assesment Meeting	Safety Meeting	Discussed picking up tubing and circulating procedures with the rig crew.
18:30	Safety / Hazard Assesment Meeting	Safety Meeting	Held Safety Meeting as per Husky and NEB regulations,Topics discussed were spotters when backing on Husky well sites, Very cold working conditions, traveling in pairs, Journey Management , (tell others where you going) , Call out Kms when on roads way speed limit 30 km MAX , Follow Operating Procedures outlined in Orientation & Project Planned Procedure , Slips Trips and Falls, Pinch Points, Take regular breaks, dress accordingly for cold weather conditions , Use drip trays under all parked vehicles, No Spill Policy , contain all garbage , Spotter when Moving vehicles around location.Also discussed picking up tubing and circulating procedures with the rig crew.
23:30	Blow Out Drill	Safety Meeting	Held BOP drill , hard shut in , 58 seconds , muster @ lease enterance , discuss procedure , good drill.

**Logs**

Date	Type	Top (mKB)	Btm (mKB)	Cased?

**Perforations**

Date	Pool	Top (mKB)	Btm (mKB)	Current Status

**<typ> on <dttm>**

Date	Pool	Type	Stim/Treat Company
Stg #	Stage Type	Top (mKB)	Btm (mKB)
			Vol Clean Pump (m³)

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 23, Report Date: 2/10/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.										
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012										
Cut/Fill (m)	0.0	Ground Elv. (m)	178.00	KB Elevation (m)	183.20	KB to Gnd (m)	5.20	KB-CF (m)	5.47	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00								
<b>Primary Wellbore Affected</b> Original Hole, 300H64650012600																			
Primary Job Type Initial Completion		Secondary Job Type Other		Final Status		Spud Date		Target Formation Canol											
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.								End Date 8/5/2013											
Contractor Nabors Production Services				Rig Number 211		Rig Release Date 2/18/2013													
Contractor Nabors Production Services				Rig Number 211		Rig Release Date 3/6/2013													
Weather Windy	Temperature (°C) -20		Road Condition Icy/Snow covered			Tubing Pressure (kPa) 0	Casing Pressure (kPa) 0	Rig Time (hr) 24.00											
Operations Summary Pull out of hole with 73 mm tubing to derrick. RIH wireline and ran a cement bond log from 1312 mkb to 85 mkb. RIH and log a pressure pass with 14 mpa.made up TCP guns & packer assembly RIH tubing,correlate guns in position.																			
Operations Next Report Period Wireline CBL , RIH with TCP/Packer																			
Job Contact	Title			Type				Mobile											
Gerry Sillito	CP Mgr (West)							403-542-1119											
John Butala	CP Superintendent			Office				403-651-4913											
Gerald Perreault	Safety Advisor							403-993-8420											
Bob Cholach	CP Field Super			Well Site Supervisor				780-814-0707											
Rob DeWolfe	CP Field Super			Well Site Supervisor				403-598-6050											
<b>Personnel Log</b>																			
Company					Count			Tot Work Time (hr)											
Benchmark Engineering Inc.					1			12.00											
Pajak Engineering Ltd.					1			12.00											
Frontier					1			12.00											
Nabors Production Services - Calgary					10			120.00											
Schlumberger Canada Ltd.					5			60.00											
Cornerstone Oilfield Services Inc.					2			16.00											
Lonkar Services Ltd.					2			8.00											
<b>Time Log</b>																			
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com														
00:00	01:30	1.50	POOH_TB	POOH tubing	Continue to pull out of hole with 73 mm tubing to derrick , 62 stands total , lay out 1 single with scraper , mill . Note:mill & scraper in good condition. 26 joints on racks , 124 joints in derrick = 150 joints 17.5 m3 of fresh inhibited water in rig tank 20 m3 of fresh water on 400 BBL # 1 30 m3 of 50/50 methanol / water mix 50 m3 of KCL kill fluid.														
01:30	02:00	0.50	MISC	Miscellaneous operations.	Secure well , remove wear plate from BOP's , prep for E-line operations.														
02:00	06:30	4.50	WOS	Waiting On Services (Ex: Coil Tubing, TMX Unit)	Wait on Schlumberger Wireline Truck , & Assocaited Equipment. Continue to heat tanks,perform general maintenance ,														
06:30	06:30	0.00	BRKTM	Coffee Break	Gave crews sufficient time for Coffee/Lunch/Warm-up breaks for the day.														
06:30	07:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Crew change, safety meeting,														
07:00	12:30	5.50	LOG	Logging	Rigged in Schlumberger wireline,														
12:30	18:30	6.00	LOG	Logging	RIH with CBT tool logged from 1312 mkb up to 80 meters. Found good cement from 1000 meters to 1312 meters. RIH and logged CBL from 1312 to surface with a 14 mpa pressure pass. The pressure improved the bond. Rigged down wireline,														
18:30	19:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Safety meeting with all night crew personal working on location as per Husky Energy and NEB regulations , review Nabors , Schulmberger J.S.A.														

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 23, Report Date: 2/10/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.		
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012		
Cut/Fill (m)	0.0	Ground Elv. (m)	178.00	KB Elevation (m)	183.20	KB to Gnd (m)	5.20	KB-CF (m)	5.47	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00

**Time Log**

Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com
19:00	22:00	3.00	RIH_PL&PAC	Run in hole plug or packer	Make up BHA & RIH 00.29 m 127 mm Bull nose 02.00 m 127 mm 10 SPM 120 deg. Phased 3375-311NT3 RDX SDP 23 Gram Perf gun. 01.26 m 127 mm Safety Spacer 00.15 m Drop Bar Firing Head 01.39 m 73 mm L-80 Pup 41.3 mm No-Go 01.25 m 73 mm L-80 Pup Joint 00.13 m 73 mm Flow/Debris Sub 00.39 m 73 mm Owen Separation Sub Shift-Up 2.25" 00.30 m 73 mm 'XN' Nipple 58.72 mm Seal Bore (56.0 mm No-Go) 03.08 m 73 mm L-80 Pup Joint 00.29 m 73 mm 'X' Nipple c/w 58.72 mm Seal Bore 01.86 m 73 mm L-80 Perforated Pup Joint 00.29 m 73 mm 'X' Nipple c/w 58.72 mm Seal Bore 03.08 m 73 mm L-80 Pup Joint 02.30 m 177.8 mm M1-X 10 K Double Grip Retrievable Frac Packer 1/4 RH Set 00.55 m 177.8 mm x 73 mm T-2 On / Off Tool 1/4 turn LH release 03.08 m 73 mm L-80 Pup Joint 00.98 m 73 mm 'XA' up to open Sliding Sleeve 09.69 m 73 mm Tubing Joint (marker joint) 01.86 m 73 mm L-80 Pup Joint 125 73 mm Tubing Joints 1233 m Land tbg hanger .
22:00	00:00	2.00	WIRELINE	Other wireline related work ( excluding log, swab,	Rig up Schlumberger E-line unit , RIH correlate Packer/TCP guns 12.85 m short of position

**Report Fluids Summary**

Fluid	To well (m³)	From well (m³)	To lease (m³)	From lease (m³)
Other			0.00	43.00

**Safety Checks**

Time	Des	Type	Com
06:30	Safety / Hazard Assessment Meeting	Safety Meeting	Discussed wireline ops with the rig and wireline crews.
18:30	Safety / Hazard Assessment Meeting	Safety Meeting	Held Safety Meeting as per Husky and NEB regulations, Topics discussed were spotters when backing on Husky well sites, Very cold working conditions, traveling in pairs, Journey Management , (tell others where you going) , Call out Kms when on roads way speed limit 30 km MAX , Follow Operating Procedures outlined in Orientation & Project Planned Procedure , Slips Trips and Falls, Pinch Points, Take regular breaks, dress accordingly for cold weather conditions , Use drip trays under all parked vehicles, No Spill Policy , contain all garbage , Spotter when Moving vehicles around location. Also discussed Wireline Operations and Rigging out work floor,bop's,installing frac head,pressure testing,

**Logs**

Date	Type	Top (mKB)	Btm (mKB)	Cased?

**Perforations**

Date	Pool	Top (mKB)	Btm (mKB)	Current Status
<typ> on <dttm>				
Date	Pool	Type	Stim/Treat Company	

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 23, Report Date: 2/10/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.		
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012		
Cut/Fill (m)	0.0	Ground Elv. (m)	178.00	KB Elevation (m)	183.20	KB to Gnd (m)	5.20	KB-CF (m)	5.47	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00

Stg #	Stage Type	Top (mKB)	Btm (mKB)	Vol Clean Pump (m³)

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 24, Report Date: 2/11/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.								
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012								
Cut/Fill (m)	0.0	Ground Elv. (m)	178.00	KB Elevation (m)	183.20	KB to Gnd (m)	5.20	KB-CF (m)	5.47	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00						
<b>Primary Wellbore Affected</b> Original Hole, 300H64650012600																	
Primary Job Type Initial Completion		Secondary Job Type Other		Final Status		Spud Date		Target Formation Canol									
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.							End Date 8/5/2013										
Contractor Nabors Production Services				Rig Number 211		Rig Release Date 2/18/2013											
Contractor Nabors Production Services				Rig Number 211		Rig Release Date 3/6/2013											
Weather clear	Temperature (°C) -15	Road Condition Icy/Snow covered			Tubing Pressure (kPa) 0		Casing Pressure (kPa) 0	Rig Time (hr) 0		24.00							
Operations Summary Continued to correlate perf guns on depth. Pressure Test Frac head , Tubing , Casing , Drop Bar & Perforate the Hare Indian Zone, Had a instant vacuum on the tubing after perforating. Landed 69 mpa recorders at 1240 mkb. Pumped DFIT test,																	
Operations Next Report Period POOH w/tubing,																	
Job Contact	Title		Type				Mobile										
Gerry Sillito	CP Mgr (West)						403-542-1119										
John Butala	CP Superintendent		Office				403-651-4913										
Gerald Perreault	Safety Advisor						403-993-8420										
Bob Cholach	CP Field Super		Well Site Supervisor				780-814-0707										
Rob DeWolfe	CP Field Super		Well Site Supervisor				403-598-6050										
<b>Personnel Log</b>																	
Company					Count		Tot Work Time (hr)										
Benchmark Engineering Inc.					1		12.00										
Pajak Engineering Ltd.					1		12.00										
Frontier					1		12.00										
Nabors Production Services - Calgary					10		120.00										
Schlumberger Canada Ltd.					18		216.00										
Lonkar Services Ltd.					2		24.00										
Hse Integrated Ltd.					2		24.00										
Mi Swaco					5		60.00										
<b>Time Log</b>																	
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com												
00:00	02:00	2.00	WIRELINE E	Other wireline related work ( excluding log, swab,	Continue to Correlate perforating guns on depth , using 6 ' marker pup , Correlated to Gamma Ray Track from CBL Run Feb 10 2013. Add 3.05 m 73 mm L-80 Pup Joint Add 0.15 m 73 mm L-80 Pup Joint Add 9.65 m 73 mm L-80 Tubing Joint, 126 joints total in hole Set Double Grip Frac Packer,perform pull test to 12,000 DAn over , Re-land Extended neck Frachead Tbg Hanger , in 6,000 DAn Compression . screw in lag screws . Rig in Schlumberger E-line unit. Correlate marker pup / perforating guns on depth. shows 0.10 long. Rig out E-Line , 2 m Perforating gun @ 1245.10 - 1247.10 mKb												
02:00	02:30	0.50	TESTPA CK	Test packer	Rig in service rig Pump to csg valve , Install MI Swaco 10,000 PSI pressure recorder. Pressure test Annulas/Packer to 33,500 kPa for 15 minutes.Good. Install Back Pressure Valve in Tbg Hanger.												
02:30	03:30	1.00	NDBOP	Nipple down BOP	Rig out handling equipment , handrails , stairs , work floor , BOP's .												
03:30	06:30	3.00	NUWH	Nipple up wellhead	Move in & rig up Stream-flo install 103,488 kPa x 73 mm DFIT head ,												
06:30	06:30	0.00	BRKTM	Coffee Break	Gave crews sufficient time for Coffee/Lunch/Warm-up breaks for the day.												
06:30	07:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Crew change and safety meeting.												
07:00	08:00	1.00	NUWH	Nipple up wellhead	Continued to install the frac head,												
08:00	09:00	1.00	TESTWH	Test wellhead seals	Rigged in Schlumberger data van to record pressure test, utilized streamflow to pressure test the frac head to 90000 kpa.												

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 24, Report Date: 2/11/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.		
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration				Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m)	0.0	Ground Elv. (m)	178.00	KB Elevation (m)	183.20	KB to Gnd (m)	5.20	KB-CF (m)	5.47	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00

**Time Log**

Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com
09:00	10:00	1.00	SLICK	Slickline work	Rigged in Lonkar slickline, RIH and set a test plug in the on/off connector at 1228 mkb. POOH.
10:00	11:00	1.00	TESTTB G	Test tubing	Rigged in Schlumberger pumping and recorder units, pressure tested the tubing to 57 mpa for 15 min OK. bled off pressure and rigged out pumping units.
11:00	12:00	1.00	SLICK	Slickline work	Rigged in slickline, RIH and recovered the tubing plug from the on/off tool.
12:00	12:15	0.25	PERF	Perforate well - Wireline/TCP	Dropped the bar and perforated the well from 1245 to 1247 mkb. The well went on a immediate vacuum.
12:15	13:45	1.50	SLICK	Slickline work	RIH with slickline, landed a dart on the XN nipple at 1240 mkb. POOH. RIH and landed daul 69 mpa recorders on bottom. Recorder on time was 12:00, recorders on bottom at 12:42. POOH and rigged down slickline,
13:45	18:30	4.75	RIGUP	Rig up	Moved in and rigged up Schlumberger pumping equipment and data van. Installed 69 and 105 mpa surface recorders.
18:30	19:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Safety meeting with all night crew personal working on location as per Husky Energy and NEB regulations , review Nabors J.S.A.
19:00	00:00	5.00	STIMUL	Acidize/fracture/inject surfactants	Continue to rig in final surface recording equipment , Primed pumpers & pressure tested surface line to 72.0 MPa. Bled pressure back. Installed MI Swaco 1-15,000 psi surface pressure recorder , turned on @ 21:00 1-10,000 psi surface pressure recorder, (not working removed from service) Schlumberger recording surface pressure 21:15 Pressure truck puts 25,000 kPa on Annulus 21:20 Open well , 0.40 m3 to fill Start injection test (DFIT) Pump # 1 1m3/min , Pump # 2 1m3/min 21:21 46,700 kPa break down , continue to pump @ 2 m3 / min , 21:23 16,200 kPa stop pumping , 5.10 m3 pumped . 5.50 m3 total pumped Max pressure 46,700 kPa Min pressure 8,750 kPa Shut in pressure 16,200 kPa Bled CSG down to 10,000 kPa , Schlumberger record pressure for 60 min. Time KPA ISP 21:24 16,200 5 min 21:29 10,400 10 min 21:34 8,400 15 min 21:39 7,900 30 min 21:54 7,200 45 min 22:09 6,900 60 min 22:24 6,400 MI Swaco continue to record S.I.T.P Time Tbg 23:00 5,746 23:30 5,483 24:00 5,220 Note: all MI Swaco gauge readings came from 15,000 PSI recorder Note: 10,000 PSI MI Swaco recorder installed & turned on @ 23:30:00 Note: MI Swaco Rep reading wrong pressure on gauge up till 23:00:00

**Report Fluids Summary**

Fluid	To well (m <sup>3</sup> )	From well (m <sup>3</sup> )	To lease (m <sup>3</sup> )	From lease (m <sup>3</sup> )
Other	5.00	0.00	0.00	15.00

**Safety Checks**

Time	Des	Type	Com
06:30	Safety / Hazard Assesment Meeting	Safety Meeting	Discussed wireline ops with the rig, pumping and wireline crews.

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 24, Report Date: 2/11/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.		
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased				Well Status Date 2/17/2012	
Cut/Fill (m)	0.0	Ground Elv. (m)	178.00	KB Elevation (m)	183.20	KB to Gnd (m)	5.20	KB-CF (m)	5.47	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00

**Safety Checks**

Time	Des	Type	Com
18:30	Safety / Hazard Assesment Meeting	Safety Meeting	Held Safety Meeting as per Husky and NEB regulations, Topics discussed were spotters when backing on Husky well sites, Very cold working conditions, traveling in pairs, Journey Management , (tell others where you going) , Call out Kms when on roads way speed limit 30 km MAX , Follow Operating Procedures outlined in Orientation & Project Planned Procedure , Slips Trips and Falls, Pinch Points, Take regular breaks, dress accordingly for cold weather conditions , Use drip trays under all parked vehicles, No Spill Policy , contain all garbage , Spotter when Moving vehicles around location. Also discussed Sclumberger Pumping Operations

**Logs**

Date	Type	Top (mKB)	Btm (mKB)	Cased?

**Perforations**

Date	Pool	Top (mKB)	Btm (mKB)	Current Status
2/11/2013	HARE INDIAN, <invalid field>, <zoneida>	1,245.00	1,247.00	suspended (1,245.00 - 1,247.00)

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Date	Pool	Type	Stim/Treat Company

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 25, Report Date: 2/12/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79		PBTD (All) (mKB) Original Hole - 1,317.00		
Primary Wellbore Affected Original Hole, 300H64650012600		Primary Job Type Initial Completion	Secondary Job Type Other	Final Status		Spud Date		Target Formation Canol		
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.								End Date 8/5/2013		
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 2/18/2013				
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 3/6/2013				
Weather Clear		Temperature (°C) -15	Road Condition Icy/Snow covered			Tubing Pressure (kPa) 0	Casing Pressure (kPa) 0	Rig Time (hr) 24.00		
Operations Summary Record tubing pressure after DFIT , Pressure @ 00:00 hrs 5,224 kPa - 18:30 hrs 2,375 kPa Dropped 2,849 kPa Well shut in and secured at 18:30. Notice of Safety Order from NEB shut down notice posted in all shacks on location @ 19:00 feb 12 2013.										
Operations Next Report Period RIH with TCP/Packer assembly										
Job Contact		Title		Type				Mobile		
Gerry Sillito		CP Mgr (West)						403-542-1119		
John Butala		CP Superintendent		Office				403-651-4913		
Gerald Perreault		Safety Advisor						403-993-8420		
Bob Cholach		CP Field Super		Well Site Supervisor				780-814-0707		
Rob DeWolfe		CP Field Super		Well Site Supervisor				403-598-6050		
Byron Baxter		CP Field Super		Well Site Supervisor				780-545-7280		
Personnel Log										
Company						Count		Tot Work Time (hr)		
Benchmark Engineering Inc.						1		12.00		
Pajak Engineering Ltd.						1		12.00		
Sure Flow Consulting Services (1992) Inc.						1		12.00		
Frontier						1		12.00		
Nabors Production Services - Calgary						10		120.00		
Schlumberger Canada Ltd.						5		10.00		
Lonkar Services Ltd.						2		24.00		
Hse Integrated Ltd.						2		24.00		
Mi Swaco						5		60.00		
Time Log										
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com					
00:00	06:30	6.50	PRODTE ST	Flow or buildup test	Continue to record SITP Time Tbg Csg 00:00 5,220 01:00 4,793 9,474 02:00 4,476 9,532 03:00 4,173 9,570 04:00 3,924 9,582 05:00 3,722 9,583 06:00 3,526 9,573					
06:30	06:30	0.00	BRKTM	Coffee Break	Gave crews sufficient time for Coffee/Lunch/Warm-up breaks for the day.					
06:30	07:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Crew change, safety meeting.					

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 25, Report Date: 2/12/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.		
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration				Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m)	0.0	Ground Elv. (m)	178.00	KB Elevation (m)	183.20	KB to Gnd (m)	5.20	KB-CF (m)	5.47	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00

**Time Log**

Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com
07:00	18:00	11.00	PRODTE ST	Flow or buildup test	Continue to record SITP Time Tbg kpa Csg kpa 07:00 3,350 9,552 08:00 3,215 9,532 09:00 3,789 9,509 10:00 2,980 9,481 11:00 2,857 9,447 12:00 2,781 9,420 13:00 2,703 9,374 14:00 2,593 9,340 15:00 2,560 9,322 16:00 2,498 9,285 17:00 2,433 9,250 17:55 2,375 9,214 Removed the recorders from the well,
18:00	18:30	0.50	SDFN	Shut down for night	Held a safety meeting, Removed frac iron from the top of the frac head and installed the top night cap,  Shut in and secure well at 18:30.
18:30	19:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Held Safety Meeting with Night Personal
19:00	00:00	5.00	SDFN	Shut down for night	Shut in and secure well at 18:30. NEB notice of safety order shut down notice posted in all shacks on location @ 19:00 hrs

**Report Fluids Summary**

Fluid	To well (m³)	From well (m³)	To lease (m³)	From lease (m³)
Other	0.00	0.00	0.00	0.00

**Safety Checks**

Time	Des	Type	Com
06:30	Safety / Hazard Assesment Meeting	Safety Meeting	Discussed wireline ops with the rig, and wireline crews.
18:30	Safety / Hazard Assesment Meeting	Safety Meeting	Held Safety Meeting as per Husky and NEB regulations, Topics incident reporting , inform workers of shut down notice , review all documentation sent from John Butala , posted all notices in wellsite shacks,command center,safety traillor,medic shack ,HSE shack.doghouse.

**Logs**

Date	Type	Top (mKB)	Btm (mKB)	Cased?

**Perforations**

Date	Pool	Top (mKB)	Btm (mKB)	Current Status

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Date	Pool	Type	Stim/Treat Company
Stg #	Stage Type	Top (mKB)	Btm (mKB)
			Vol Clean Pump (m³)

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 26, Report Date: 2/13/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.								
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012								
Cut/Fill (m)	0.0	Ground Elv. (m)	178.00	KB Elevation (m)	183.20	KB to Gnd (m)	5.20	KB-CF (m)	5.47	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00						
<b>Primary Wellbore Affected</b> Original Hole, 300H64650012600																	
Primary Job Type Initial Completion		Secondary Job Type Other		Final Status		Spud Date		Target Formation Canol									
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.							End Date 8/5/2013										
Contractor Nabors Production Services		Rig Number 211		Rig Release Date 2/18/2013													
Contractor Nabors Production Services		Rig Number 211		Rig Release Date 3/6/2013													
Weather Clear		Temperature (°C) -15	Road Condition Icy/Snow covered			Tubing Pressure (kPa) 2,300		Casing Pressure (kPa) 9,400		Rig Time (hr) 24.00							
<b>Operations Summary</b>																	
<b>Shut Down</b>																	
<b>Operations Next Report Period</b>																	
<b>Shut Down</b>																	
<b>Job Contact</b>		<b>Title</b>		<b>Type</b>			<b>Mobile</b>										
Gerry Sillito		CP Mgr (West)					403-542-1119										
John Butala		CP Superintendent		Office			403-651-4913										
Gerald Perreault		Safety Advisor					403-993-8420										
Bob Cholach		CP Field Super		Well Site Supervisor			780-814-0707										
Rob DeWolfe		CP Field Super		Well Site Supervisor			403-598-6050										
Byron Baxter		CP Field Super		Well Site Supervisor			780-545-7280										
<b>Personnel Log</b>																	
<b>Company</b>							<b>Count</b>		<b>Tot Work Time (hr)</b>								
Benchmark Engineering Inc.							1		12.00								
Pajak Engineering Ltd.							1		12.00								
Sure Flow Consulting Services (1992) Inc.							1		12.00								
Frontier							1		12.00								
Nabors Production Services - Calgary							10		120.00								
Schlumberger Canada Ltd.							5		10.00								
Lonkar Services Ltd.							2		24.00								
Hse Integrated Ltd.							2		24.00								
Mi Swaco							6		72.00								
<b>Time Log</b>																	
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.		Com											
00:00	06:30	6.50	SDFN	Shut down for night		Shut in and secure well at 18:30. Feb 12,2013.											
06:30	07:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)		Held a safety meeting,											
07:00	18:30	11.50	PROBLE M	Downtime/repairs other than rig repair		Shut down as per Calgary and N.E.B. instructions.											
18:30	19:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)		Held safety meeting with Night crews on stand down operations. DWA inspection.											
19:00	00:00	5.00	WOO	Wait on orders		Shut down as per Calgary and N.E.B. instructions.											
<b>Report Fluids Summary</b>																	
<b>Fluid</b>		<b>To well (m³)</b>		<b>From well (m³)</b>		<b>To lease (m³)</b>		<b>From lease (m³)</b>									
Other		0.00		0.00		0.00		0.00									
<b>Safety Checks</b>																	
Time	Des			Type			Com										
06:30	Safety / Hazard Assesment Meeting			Safety Meeting			Discussed general lease safety with rig and testing crews.										
18:30	Safety / Hazard Assesment Meeting			Safety Meeting			Discussed general lease safety with rig and testing crews.										
<b>Logs</b>																	
Date	Type			Top (mKB)		Btm (mKB)		Cased?									

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 26, Report Date: 2/13/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79		PBTD (All) (mKB) Original Hole - 1,317.00		

**Perforations**

Date	Pool	Top (mKB)	Btm (mKB)	Current Status

**<typ> on <dttm>**

Date	Pool	Type	Stim/Treat Company

**Stg #**

Stg #	Stage Type	Top (mKB)	Btm (mKB)	Vol Clean Pump (m³)

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 27, Report Date: 2/14/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00			

Primary Wellbore Affected Original Hole, 300H64650012600	Primary Job Type Initial Completion	Secondary Job Type Other	Final Status	Spud Date	Target Formation Canol
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.					End Date 8/5/2013

Contractor Nabors Production Services	Rig Number 211	Rig Release Date 2/18/2013				
Contractor Nabors Production Services	Rig Number 211	Rig Release Date 3/6/2013				
Weather Clear	Temperature (°C) -20	Road Condition Icy/Snow covered	Tubing Pressure (kPa)		Casing Pressure (kPa)	Rig Time (hr) 24.00

Operations Summary Shut Down. Held safety stand down meeting at camp with Calgary personnel & all crews.
Operations Next Report Period Shut Down

Job Contact	Title	Type	Mobile
Gerry Sillito	CP Mgr (West)		403-542-1119
John Butala	CP Superintendent	Office	403-651-4913
Gerald Perreault	Safety Advisor		403-993-8420
Rob DeWolfe	CP Field Super	Well Site Supervisor	403-598-6050
Mike Periard	CP Field Super	Well Site Supervisor	780-926-0118
Byron Baxter	CP Field Super	Well Site Supervisor	780-545-7280

Personnel Log		Company	Count	Tot Work Time (hr)
CENS Oilwell Consulting Ltd.			1	12.00
Sure Flow Consulting Services (1992) Inc.			1	12.00
Frontier			1	12.00
Nabors Production Services - Calgary			10	120.00
Schlumberger Canada Ltd.			0	
Lonkar Services Ltd.			2	0.00
Hse Integrated Ltd.			2	24.00
Mi Swaco			6	72.00

Time Log					
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com
00:00	06:30	6.50	WOO	Wait on orders	Shut down as per Calgary and N.E.B. instructions.
06:30	07:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Held safety meeting with Day crews on stand down operations. DWA inspection.
07:00	09:00	2.00	WOO	Wait on orders	Shut down as per Calgary and N.E.B. instructions.
09:00	14:00	5.00	SAFETY	Safety Meetings (Pre-job, daily)	Held safety stand down meeting with all crews & Calgary personnel.
14:00	18:30	4.50	WOO	Wait on orders	Shut down as per Calgary and N.E.B. instructions.
18:30	19:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Held safety meeting with Night crews on stand down operations. DWA inspection.
19:00	00:00	5.00	WOO	Wait on orders	Shut down as per Calgary and N.E.B. instructions.

Report Fluids Summary					
Fluid	To well (m³)		From well (m³)		Com
Other	0.00		0.00		0.00

Safety Checks					
Time	Des	Type	Com		
06:30	Safety / Hazard Assesment Meeting	Safety Meeting	Discussed general lease safety with rig and testing crews.		
18:30	Safety / Hazard Assesment Meeting	Safety Meeting	Discussed general lease safety with rig and testing crews.		

Logs					
Date	Type	Top (mKB)	Btm (mKB)	Cased?	

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 27, Report Date: 2/14/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00			

**Perforations**

Date	Pool	Top (mKB)	Btm (mKB)	Current Status

**<typ> on <dttm>**

Date	Pool	Type	Stim/Treat Company

**Stg #**

Stg #	Stage Type	Top (mKB)	Btm (mKB)	Vol Clean Pump (m³)

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 28, Report Date: 2/15/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.								
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012								
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00										
<b>Primary Wellbore Affected</b> Original Hole, 300H64650012600																	
Primary Job Type Initial Completion		Secondary Job Type Other		Final Status		Spud Date		Target Formation Canol									
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.							End Date 8/5/2013										
Contractor Nabors Production Services		Rig Number 211		Rig Release Date 2/18/2013													
Contractor Nabors Production Services		Rig Number 211		Rig Release Date 3/6/2013													
Weather overcast		Temperature (°C) -15	Road Condition Icy/Snow covered		Tubing Pressure (kPa) 55	Casing Pressure (kPa) 7,060	Rig Time (hr) 24.00										
Operations Summary Shut Down. Received the O.K. to start back up. Rig crew change out today. Decision was to start up in the A.M.																	
Operations Next Report Period Resume operations. Pull recorders, install BPV. ND frac head, NUBOPs. POH, wire line																	
Job Contact		Title		Type			Mobile										
Gerry Sillito		CP Mgr (West)					403-542-1119										
John Butala		CP Superintendent		Office			403-651-4913										
Gerald Perreault		Safety Advisor					403-993-8420										
Mike Periard		CP Field Super		Well Site Supervisor			780-926-0118										
Byron Baxter		CP Field Super		Well Site Supervisor			780-545-7280										
<b>Personnel Log</b>																	
Company							Count	Tot Work Time (hr)									
CENS Oilwell Consulting Ltd.							1	12.00									
Sure Flow Consulting Services (1992) Inc.							1	12.00									
Frontier							1	12.00									
Nabors Production Services - Calgary							10	120.00									
Schlumberger Canada Ltd.							0										
Lonkar Services Ltd.							2	0.00									
Hse Integrated Ltd.							2	24.00									
Mi Swaco							6	72.00									
<b>Time Log</b>																	
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.		Com											
00:00	06:30	6.50	WOO	Wait on orders		Shut down as per Calgary and N.E.B. instructions.											
06:30	07:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)		Held safety meeting with Day crews on stand down operations. DWA inspection.											
07:00	16:00	9.00	WOO	Wait on orders		Shut down as per Calgary and N.E.B. instructions.											
16:00	00:00	8.00	MISC	Miscellaneous operations.		Received the O.K. to resume operations. Rig crews changing out. Decision was to resume operations in the A.M.											
<b>Report Fluids Summary</b>																	
Fluid		To well (m³)		From well (m³)		To lease (m³)		From lease (m³)									
Other		0.00		0.00		0.00		0.00									
<b>Safety Checks</b>																	
Time	Des			Type			Com										
06:30	Safety / Hazard Assesment Meeting			Safety Meeting			Discussed general lease safety with rig and testing crews.										
18:30	Safety / Hazard Assesment Meeting			Safety Meeting			Discussed general lease safety with rig and testing crews.										
<b>Logs</b>																	
Date	Type				Top (mKB)		Btm (mKB)		Cased?								
<b>Perforations</b>																	
Date	Pool		Top (mKB)		Btm (mKB)		Current Status										

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 28, Report Date: 2/15/2013**

Licensed UWI 300H64650012600	Surface Legal Location 300H64650012600	License # 462	Field Name SLATER RIVER	State/Province N.W.T.
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration	Well Status Drilled and Cased
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47

 TD All (TVD) (mKB)  
 5.00 Original Hole -  
 1,340.79 Original Hole -  
 1,317.00

 Well Status Date  
 2/17/2012

**<typ> on <dttm>**

Date	Pool	Type	Stim/Treat Company
Stg #	Stage Type	Top (mKB)	Btm (mKB)

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 29, Report Date: 2/16/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.							
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012							
Cut/Fill (m)	0.0	Ground Elv. (m)	178.00	KB Elevation (m)	183.20	KB to Gnd (m)	5.20	KB-CF (m)	5.47	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00					
<b>Primary Wellbore Affected</b> Original Hole, 300H64650012600																
Primary Job Type Initial Completion		Secondary Job Type Other		Final Status		Spud Date		Target Formation Canol								
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.							End Date 8/5/2013									
Contractor Nabors Production Services		Rig Number 211		Rig Release Date 2/18/2013												
Contractor Nabors Production Services		Rig Number 211		Rig Release Date 3/6/2013												
Weather Snowing		Temperature (°C) -20	Road Condition Icy/Snow covered		Tubing Pressure (kPa) 600		Casing Pressure (kPa) 6,675	Rig Time (hr) 24.00								
Operations Summary Waiting on rig crew cross shift to reset hours. Retrieved recorders. Opened sleeve. Installed BPV. ND frac head. Test BOPs. NUBOPs. Pulled BPV. POH with tubing, packer & TCP gun. Run Guage Ring & tag @ 1309.4mKB. Set BP @																
Operations Next Report Period Dump bail sand on BP.																
Job Contact		Title		Type			Mobile									
Gerry Sillito		CP Mgr (West)					403-542-1119									
John Butala		CP Superintendent		Office			403-651-4913									
Gerald Perreault		Safety Advisor					403-993-8420									
Mike Periard		CP Field Super		Well Site Supervisor			780-926-0118									
Byron Baxter		CP Field Super		Well Site Supervisor			780-545-7280									
<b>Personnel Log</b>																
Company					Count		Tot Work Time (hr)									
CENS Oilwell Consulting Ltd.					1		12.00									
Sure Flow Consulting Services (1992) Inc.					1		12.00									
Exlogs Sahtu Ltd.					1		12.00									
Nabors Production Services - Calgary					10		120.00									
Schlumberger Canada Ltd.					3		36.00									
Lonkar Services Ltd.					2		16.00									
Hse Integrated Ltd.					2		24.00									
Mi Swaco					6		72.00									
Stream-Flo Industries Ltd.					2		20.00									
<b>Time Log</b>																
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com											
00:00	06:30	6.50	WOO	Wait on orders	Shut down as per Calgary and N.E.B. instructions, wait for rig crew to reset hours after flying in yesterday.											
06:30	07:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Held safety meeting with Day crews regarding operations. DWA inspection.											
07:00	11:00	4.00	SLICK	Slickline work	Rigged in Lonkar S-line. Bled off annulus. RIH with slick line & retrieved the down hole recorders. RIH & opened the sliding sleeve. Rigged out Lonkar. Had recorders down loaded.											
11:00	12:00	1.00	NDWH	Nipple down wellhead	Bled off tubing. Well dead. Installed 2 way BPV in the tubing hanger.											
12:00	13:00	1.00	TESTBOP	Test BOPs	Function & remote tested BOPs. Stump tested pipe rams to 1.4 & 21.0 mpa & the annular to 1.4 & 10.0 mpa. 10 minutes each. This was done while wire lining.											
13:00	14:00	1.00	NUBOP	Nipple up BOP	Installed the BOPs.											
14:00	15:30	1.50	TESTBOP	Test BOPs	Pressure tested the blind rams & BOP to wellhead connection to 1.4 & 10.0 mpa. All tests were done against the BPV. 10 minutes each. Rigged in floor & equipment. Pulled the BPV from the tubing hanger.											
15:30	16:00	0.50	SETTOOL	Setting or unsetting packers	Released packer. allowed elements to relax.											
16:00	18:30	2.50	POOH_TB	POOH tubing	Layed down packer & TCP guns. NOTE: All shots fired.											
18:30	19:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Held safety meeting with Night crews regarding operations. DWA inspection.											

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 29, Report Date: 2/16/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.		
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased				Well Status Date 2/17/2012	
Cut/Fill (m)	0.0	Ground Elv. (m)	178.00	KB Elevation (m)	183.20	KB to Gnd (m)	5.20	KB-CF (m)	5.47	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00

**Time Log**

Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com
19:00	00:00	5.00	WIRELINE	Other wireline related work ( excluding log, swab,	Rig in SLB Electric wireline unit to all policies, procedures, & regulations. MU & RIH w/ 145mm OD Guage Ring & tag Plug Back @ 1309.4mKB. POOH. MU & RIH w/ 142.49mm "Plug Well" Bridge Plug & set @ 1242mKB. POOH. Fill casing with fresh H20 (1m3), pressure test BP & casing to 21MPa isolate wellhead for 30 minutes recorded with MI Swaco digital dead weight, GOOD. Bleed off pressure to rig tank.

**Report Fluids Summary**

Fluid	To well (m³)	From well (m³)	To lease (m³)	From lease (m³)
Other	0.00	0.00	0.00	0.00

**Safety Checks**

Time	Des	Type	Com
06:30	Safety / Hazard Assesment Meeting	Safety Meeting	Discussed general lease safety with rig and testing crews.
18:30	Safety / Hazard Assesment Meeting	Safety Meeting	Discussed general lease safety with rig and testing crews.

**Logs**

Date	Type	Top (mKB)	Btm (mKB)	Cased?

**Perforations**

Date	Pool	Top (mKB)	Btm (mKB)	Current Status

**<typ> on <dttm>**

Date	Pool		Stim/Treat Company	
Stg #	Stage Type	Top (mKB)	Btm (mKB)	Vol Clean Pump (m³)

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)
Bridge Plug - Permanent	2/16/2013 10:05	142.5	1,241.77	1,242.23
Sand	2/16/2013 11:00	160.0	1,238.70	1,241.77

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 30, Report Date: 2/17/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79		PBTM (All) (mKB) Original Hole - 1,317.00		
Primary Wellbore Affected Original Hole, 300H64650012600		Primary Job Type Initial Completion	Secondary Job Type Other	Final Status		Spud Date		Target Formation Canol		
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.								End Date 8/5/2013		
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 2/18/2013				
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 3/6/2013				
Weather Overcast		Temperature (°C) -28	Road Condition Icy/Snow covered			Tubing Pressure (kPa) 0	Casing Pressure (kPa) 0	Rig Time (hr) 24.00		
Operations Summary Set BP @ 1242mKB, P/T to 21MPa, Dump 2m of sand on BP, RIH w/ Packer & TCP BHA, correlate on depth, circulated annulus to fresh inhibited water & top of with frac oil. P/T packer to 21.0 mpa. Swab down tubing.										
Operations Next Report Period Nipple down Class III BOP's.										
Job Contact		Title		Type					Mobile	
Gerry Sillito		CP Mgr (West)							403-542-1119	
John Butala		CP Superintendent		Office					403-651-4913	
Gerald Perreault		Safety Advisor							403-993-8420	
Mike Periard		CP Field Super		Well Site Supervisor					780-926-0118	
Byron Baxter		CP Field Super		Well Site Supervisor					780-545-7280	
Personnel Log										
Company						Count		Tot Work Time (hr)		
CENS Oilwell Consulting Ltd.						1		12.00		
Sure Flow Consulting Services (1992) Inc.						1		12.00		
Exlogs Sahtu Ltd.						1		12.00		
Nabors Production Services - Calgary						10		120.00		
Schlumberger Canada Ltd.						4		48.00		
Lonkar Services Ltd.						2		0.00		
Hse Integrated Ltd.						2		24.00		
Mi Swaco						6		72.00		
Stream-Flo Industries Ltd.						2		24.00		
Time Log										
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com					
00:00	03:00	3.00	WIRELINE	Other wireline related work (excluding log, swab,	MU & RIH w/ dump bailer with the equivalent of 2m lineal meters of sand & dump on top of Bridge Plug. POOH. Rig out SLB lubricator & BOP flange.					

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 30, Report Date: 2/17/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.				
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012				
Cut/Fill (m)	0.0	Ground Elv. (m)	178.00	KB Elevation (m)	183.20	KB to Gnd (m)	5.20	KB-CF (m)	5.47	KB-TH (m)	5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00

**Time Log**

Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com
03:00	06:30	3.50	RIH_PL&PAC	Run in hole plug or packer	Make up BHA & RIH as follows: 00.28 m 127 mm Bottom nose 07.00 m 127 mm 19 SPM 60 deg. Phased 3375-311NT3 RDX SDP 23 Gram Perf gun. 00.71 m 127 mm Safety Spacer 00.28 m Drop Bar Firing Head 01.25 m 73 mm L-80 Pup 41.3 mm No-Go 01.25 m 73 mm L-80 Pup Joint 00.13 m 73 mm Flow/Debris Sub 00.38 m 73 mm Owen Separation Sub Shift-Up 2.25" 00.30 m 73 mm 'XN' Nipple 58.72 mm Seal Bore (56.0 mm No-Go) 03.08 m 73 mm L-80 Pup Joint 00.29 m 73 mm 'X' Nipple c/w 58.72 mm Seal Bore 01.86 m 73 mm L-80 Perforated Pup Joint 00.29 m 73 mm 'X' Nipple c/w 58.72 mm Seal Bore 03.08 m 73 mm L-80 Pup Joint 02.30 m 177.8 mm M1-X 10 K Double Grip Retrievable Frac Packer 1/4 RH Set 00.55 m 177.8 mm x 73 mm T-2 On / Off Tool 1/4 turn LH release 03.08 m 73 mm L-80 Pup Joint 00.98 m 73 mm 'XA' up to open Sliding Sleeve 09.67 m 73 mm Tubing Joint (marker joint) 01.86 m 73 mm L-80 Pup Joint 1179.84 73 mm 122 Tubing Joints 0.18 m Land tbg hanger.
06:30	07:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Held safety meeting with Day crews regarding operations. DWA inspection.
07:00	07:30	0.50	RIGUP	Rig up	Rigged in Schlumberger E-line. Pressure tested lubricator to 1.4 & 7.0 mpa. 5 & 10 minute tests.
07:30	08:00	0.50	LOG	Logging	Started RIH with GR/CCL. Tagged ice plug @ 16 meters. Pulled back up & removed lubricator.
08:00	08:45	0.75	CIRC	Circulate well clean	Stuck a steam hose down tubing & thawed out ice plug. Rigged in & circulated 1.0 m3 kcl water down tubing.
08:45	10:45	2.00	LOG	Logging	Re-installed lubricator. RIH with GR/CCL. Logged packers on depth. POH. Rigged down E-line.
10:45	11:15	0.50	LANDED	Land tubing, packers, plugs.	Spaced out tubing string. Set the packer. Landed tubing in 3,000 daNs compression with tubing hanger.
11:15	13:30	2.25	LOG	Logging	Re-installed lubricator. RIH with GR/CCL. Logged packers on depth with a confirmation log. POH. Rigged down E-line.
13:30	14:45	1.25	CIRC	Circulate well clean	Unlatched from the On/Off. Circulated the annulus to inhibited fresh water & top of with 2.5 m3 ( 150 meters ) of frac oil.
14:45	16:15	1.50	TESTPA CK	Test packer	Attempted to pressure test the packer & annulus to 21,000 kpa but pump pistons leaking badly.
16:15	17:45	1.50	REPAIR	Rig repair/wait on parts	Repair rig pump.
17:45	18:30	0.75	TESTPA CK	Test packer	Installed surface recorders. Attempted to pressure test again but leaking past the tubing hanger. Unlatched from the On/Off. Pulled tubing hanger up & changed out tubing hanger rubber. Latched back onto the On/Off & landed the string with tubing hanger. Pressured tested the packer & annulus to 21.0 mpa for 20 minutes.
18:30	19:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Held safety meeting with Night crews regarding operations. DWA inspection.
19:00	00:00	5.00	SWAB	Swabbing (includes swab test)	Rig out all 73mm pipe handling equipment on rig floor. MU & install all swabbing equipment. Pick up swabbing lubricator. Swab down 3.5m3 of fresh water to P-tank. NOTE: Using steam between each swab to ensure no freezing in Saver Head & testers lines. Tight spot in swab tree causing swab cups to hang up.

**Report Fluids Summary**

Fluid	To well (m³)	From well (m³)	To lease (m³)	From lease (m³)
Other	0.00	0.00	0.00	0.00

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 30, Report Date: 2/17/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00			

**Safety Checks**

Time	Des	Type	Com
06:30	Safety / Hazard Assesment Meeting	Safety Meeting	Discussed general lease safety with rig and testing crews.
18:30	Safety / Hazard Assesment Meeting	Safety Meeting	Discussed general lease safety with rig and testing crews.

**Logs**

Date	Type	Top (mKB)	Btm (mKB)	Cased?

**Perforations**

Date	Pool	Top (mKB)	Btm (mKB)	Current Status

**<typ> on <dttm>**

Date	Pool	Type	Stim/Treat Company
Stg #	Stage Type	Top (mKB)	Btm (mKB)
			Vol Clean Pump (m³)

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 31, Report Date: 2/18/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.		
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012		
Cut/Fill (m)	0.0	Ground Elv. (m)	178.00	KB Elevation (m)	183.20	KB to Gnd (m)	5.20	KB-CF (m)	5.47	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00

Primary Wellbore Affected Original Hole, 300H64650012600	Primary Job Type Initial Completion	Secondary Job Type Other	Final Status	Spud Date	Target Formation Canol
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.					End Date 8/5/2013

Contractor Nabors Production Services	Rig Number 211	Rig Release Date 2/18/2013				
Contractor Nabors Production Services	Rig Number 211	Rig Release Date 3/6/2013				
Weather snow	Temperature (°C) -23	Road Condition Icy/Snow covered	Tubing Pressure (kPa) 0		Casing Pressure (kPa) 0	Rig Time (hr) 11.00

Operations Summary Finish swabbing, nipple down Class III BOP's, nipple up production wellhead, test seals, remove BPV, rig out Nabors rig 211 & all support equipment. Dropped bar & perforated the 1225.0 - 1232.0 mkb interval. Monitored pressure. 135 kpa in 1.25 hrs. Opened well & well died. RIH & retrieved the drop bar. Swab well from nipple. NO INFLOW.
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Operations Next Report Period Continue Swabbing well.
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Job Contact	Title	Type	Mobile
Gerry Sillito	CP Mgr (West)		403-542-1119
John Butala	CP Superintendent	Office	403-651-4913
Gerald Perreault	Safety Advisor		403-993-8420
Mike Periard	CP Field Super	Well Site Supervisor	780-926-0118
Byron Baxter	CP Field Super	Well Site Supervisor	780-545-7280

Personnel Log	Company	Count	Tot Work Time (hr)
CENS Oilwell Consulting Ltd.		1	12.00
Sure Flow Consulting Services (1992) Inc.		1	12.00
Exlogs Sahtu Ltd.		1	12.00
Nabors Production Services - Calgary		5	35.00
Nabors Production Services - Calgary		5	20.00
Nabors Production Services - Calgary		6	72.00
Nabors Production Services - Calgary		2	24.00
Schlumberger Canada Ltd.		1	12.00
Hse Integrated Ltd.		2	24.00
Mi Swaco		6	72.00
Stream-Flo Industries Ltd.		2	24.00
Hodgsons Contracting (2005) Inc.		2	24.00
Hodgsons Contracting (2005) Inc.		1	5.00

Time Log					
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com
00:00	01:00	1.00	SWAB	Swabbing (includes swab test)	Rig out swabbing lubricator & all swabbing equipment.
01:00	01:30	0.50	BRKTM	Lunch Break	Crews stopped to warm up & have lunch break.
01:30	02:30	1.00	NDBOP	Nipple down BOP	Rig out rig floor. Bleed down & remove BOP hoses. Strip off Class III rig BOP's. Start wrapping up BOP hoses while installing Wellhead.
02:30	03:30	1.00	NUWH	Nipple up wellhead	Rig in ERC & install production wellhead. Torque all flange bolts to spec. Pressure test BPV to 7MPa, GOOD. Pressure test wellhead to 34.5MPa, GOOD. Removed the BPV.
03:30	06:30	3.00	RIGDOW N	Rig down	Start rigging down Nabors rig #211 & all equipment.
06:30	07:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Held safety meeting with Day crews regarding operations. DWA inspection.
07:00	09:00	2.00	RIGDOW N	Rig down	Finished rigging out rig & equipment.
09:00	10:30	1.50	1A	Move Rig	Moved rig & support equipment from H-64 to N-9.

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 31, Report Date: 2/18/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.		
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012		
Cut/Fill (m)	0.0	Ground Elv. (m)	178.00	KB Elevation (m)	183.20	KB to Gnd (m)	5.20	KB-CF (m)	5.47	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00

**Time Log**

Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com
10:30	11:45	1.25	PERF	Perforate well - Wireline/TCP	Opened well & dropped bar to fire TCP gun. Closed & capped well. Opened well to monitor pressure. SITP after 1.25 hours = 135 kPa.
11:45	12:45	1.00	PRODTE ST	Flow or buildup test	Opened well to the testers. Pressure dropped to TSTM. Shut in well.
12:45	14:00	1.25	SLICK	Slickline work	Rigged in Lonkar S-line. RIH & retrieved the drop bar.
14:00	14:45	0.75	RIGUP	Rig up	Rigged in Nabors swab rig.
14:45	15:30	0.75	SWAB	Swabbing (includes swab test)	RIH to the "XA" sleeve @ 1205 mkb. Tagged fluid @ 1150 mkb. Pulled swab. Recovered 100 liters fresh water. As soon as swab was pulled flowline was freezing. No boiler up @ running yet.
15:30	18:30	3.00	PROBLE M	Downtime/repairs other than rig repair	Boiler not working. Have an electrician come and work on boiler to get it working.
18:30	19:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Held safety meeting with Night crews regarding operations. DWA inspection.
19:00	21:00	2.00	PROBLE M	Downtime/repairs other than rig repair	Electrician & day time Rig Manager (211) got to location @ 7:00 & repaired boiler. It was an electrical problem on the boiler, it also had a frozen sight glass & low leve switch that was damaged due to freezing. Also, the main header was frozen. Took an hour to heat boiler enough to make a head of steam.
21:00	00:00	3.00	SWAB	Swabbing (includes swab test)	Heated testers flow lines with steam. RIH did not tag fluid, pulled dry swab from "XA" sleeve @ 1205mKB (10:30pm) RIH w/ tandem cups, did not tag fluid, pulled dry swab again (11:30pm) Waited 2.5 hours before pulling next swab due to no inflow, report continued on next day.
00:00	00:00	0.00	BRKTM	Lunch Break	Crew had appropriate breaks throughout the day.

**Report Fluids Summary**

Fluid	To well (m³)	From well (m³)	To lease (m³)	From lease (m³)
Other	0.00	0.00	0.00	0.00

**Safety Checks**

Time	Des	Type	Com
06:30	Safety / Hazard Assesment Meeting	Safety Meeting	Discussed general lease safety with rig and testing crews.
18:30	Safety / Hazard Assesment Meeting	Safety Meeting	Discussed general lease safety with rig and testing crews.

**Logs**

Date	Type	Top (mKB)	Btm (mKB)	Cased?

**Perforations**

Date	Pool	Top (mKB)	Btm (mKB)	Current Status
2/18/2013	CANOL, <invalid field>, <zoneida>	1,225.00	1,232.00	suspended (1,225.00 - 1,232.00)

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Date	Pool	Type	Stim/Treat Company	
Stg #	Stage Type	Top (mKB)	Btm (mKB)	Vol Clean Pump (m³)

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 32, Report Date: 2/19/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.									
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012									
Cut/Fill (m)	0.0	Ground Elv. (m)	178.00	KB Elevation (m)	183.20	KB to Gnd (m)	5.20	KB-CF (m)	5.47	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00							
<b>Primary Wellbore Affected</b> Original Hole, 300H64650012600																		
<b>Primary Job Type</b> Initial Completion		<b>Secondary Job Type</b> Other		<b>Final Status</b>		<b>Spud Date</b>		<b>Target Formation</b> Canol										
<b>Objective</b> Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.							<b>End Date</b>		8/5/2013									
<b>Contractor</b> Nabors Production Services		<b>Rig Number</b> 211		<b>Rig Release Date</b>		2/18/2013												
<b>Contractor</b> Nabors Production Services		<b>Rig Number</b> 211		<b>Rig Release Date</b>		3/6/2013												
<b>Weather</b> Snow		<b>Temperature (°C)</b> -27		<b>Road Condition</b> Icy/Snow covered		<b>Tubing Pressure (kPa)</b> 0		<b>Casing Pressure (kPa)</b> 0		<b>Rig Time (hr)</b> 0.00								
<b>Operations Summary</b> Swab from nipple @ 1209mKB in 2.5 hour intervals. Rigged out swab rig. Wait on equipment to conduct injectivity test prior to tubing pickle.																		
<b>Operations Next Report Period</b> Conduct injectivity test.																		
<b>Job Contact</b>		<b>Title</b>		<b>Type</b>		<b>Mobile</b>												
Gerry Sillito		CP Mgr (West)				403-542-1119												
John Butala		CP Superintendent		Office		403-651-4913												
Gerald Perreault		Safety Advisor				403-993-8420												
Mike Periard		CP Field Super		Well Site Supervisor		780-926-0118												
Byron Baxter		CP Field Super		Well Site Supervisor		780-545-7280												
<b>Personnel Log</b>																		
<b>Company</b>							<b>Count</b>		<b>Tot Work Time (hr)</b>									
CENS Oilwell Consulting Ltd.							1		12.00									
Sure Flow Consulting Services (1992) Inc.							1		12.00									
Exlogs Sahtu Ltd.							1		12.00									
Nabors Production Services - Calgary							4		48.00									
Nabors Production Services - Calgary							2		24.00									
Hse Integrated Ltd.							2		24.00									
Mi Swaco							6		72.00									
Lonkar Services Ltd.							2		16.00									
<b>Time Log</b>																		
<b>Start Time</b>	<b>End Time</b>	<b>Dur (hr)</b>	<b>Activity Code</b>	<b>Activity Desc.</b>	<b>Com</b>													
00:00	06:30	6.50	SWAB	Swabbing (includes swab test)	RIH did not tag fluid, pulled dry swab from "XA" sleeve @ 1205mKB with tandem cups (2:30am) Waited 2.5 hours before pulling next swab. RIH did not tag fluid, pulled dry swab from "XA" sleeve @ 1205mKB with tandem cups (5:30am) Waiting on decision from Calgary before next swab.													
06:30	07:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Held safety meeting with Day crews regarding operations. DWA inspection.													
07:00	08:30	1.50	WOO	Wait on orders	Wait on decision.													
08:30	09:15	0.75	RIGDOWN	Rig down	Rigged out swab rig.													
09:15	10:15	1.00	RIGUP	Rig up	Rigged up Lonkar S-line ready to prepare for running plug for the tubing pickle.													
10:15	13:45	3.50	WOO	Wait on orders	Decision was to conduct a feed rate prior to running the plug.													
13:45	18:30	4.75	WOS	Waiting On Services (Ex: Coil Tubing, TMX Unit)	Wait on pressure truck to conduct feed rate.													
18:30	19:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Held safety meeting with Night crews regarding operations. DWA inspection.													
19:00	00:00	5.00	WOS	Waiting On Services (Ex: Coil Tubing, TMX Unit)	Continue to wait on pressure truck to conduct feed rate.													
00:00	00:00	0.00	BRKTM	Lunch Break	Crews had appropriate breaks throughout the day.													

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 32, Report Date: 2/19/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00			

**Report Fluids Summary**

Fluid	To well (m³)	From well (m³)	To lease (m³)	From lease (m³)
Other	0.00	0.00	0.00	0.00

**Safety Checks**

Time	Des	Type	Com
06:30	Safety / Hazard Assesment Meeting	Safety Meeting	Discussed general lease safety with rig and testing crews.
18:30	Safety / Hazard Assesment Meeting	Safety Meeting	Discussed general lease safety with rig and testing crews.

**Logs**

Date	Type	Top (mKB)	Btm (mKB)	Cased?

**Perforations**

Date	Pool	Top (mKB)	Btm (mKB)	Current Status

**<typ> on <dttm>**

Date	Pool	Type	Stim/Treat Company

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 33, Report Date: 2/20/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79		PBTD (All) (mKB) Original Hole - 1,317.00		
Primary Wellbore Affected Original Hole, 300H64650012600		Primary Job Type Initial Completion		Secondary Job Type Other		Final Status		Spud Date		Target Formation Canol
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.								End Date 8/5/2013		
Contractor Nabors Production Services		Rig Number 211			Rig Release Date 2/18/2013					
Contractor Nabors Production Services		Rig Number 211			Rig Release Date 3/6/2013					
Weather scattered clouds		Temperature (°C) -31	Road Condition Icy/Snow covered			Tubing Pressure (kPa) 0	Casing Pressure (kPa) 0	Rig Time (hr) 0.00		
Operations Summary Wait on equipment to conduct injectivity test prior to tubing pickle. Rigged in pressure truck & conducted an injectivity test. Rate = 170 L/min @ 12.0 mpa. RIH & set plug in the On/Off. RIH & opened the sleeve. Conducted tubing pickle. Closed sleeve. P/T annulus & sleeve to 14.0 mpa. Pulled plug. Rig in swab rig & swab rig & start swabbing tubing.										
Operations Next Report Period Swab in well or Acid job.										
Job Contact	Title			Type				Mobile		
Gerry Sillito	CP Mgr (West)							403-542-1119		
John Butala	CP Superintendent			Office				403-651-4913		
Gerald Perreault	Safety Advisor							403-993-8420		
Mike Periard	CP Field Super			Well Site Supervisor				780-926-0118		
Byron Baxter	CP Field Super			Well Site Supervisor				780-545-7280		
Personnel Log										
Company					Count			Tot Work Time (hr)		
CENS Oilwell Consulting Ltd.					1			12.00		
Sure Flow Consulting Services (1992) Inc.					1			12.00		
Exlogs Sahtu Ltd.					1			12.00		
Nabors Production Services - Calgary					4			48.00		
Nabors Production Services - Calgary					2			24.00		
Hse Integrated Ltd.					2			24.00		
Mi Swaco					6			72.00		
Lonkar Services Ltd.					2			24.00		
Seaward's Oilfield Services					2			24.00		
Cascade Services Partners					2			24.00		
Hse Integrated Ltd.					2			24.00		
Time Log										
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com					
00:00	06:30	6.50	WOS	Waiting On Services (Ex: Coil Tubing, TMX Unit)	Continue to wait on pressure truck to conduct feed rate.					
06:30	07:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Held safety meeting with Day crews regarding operations. DWA inspection.					
07:00	10:00	3.00	RIGUP	Rig up	Rigged in fire/shower unit. Rigged in hot oiler. Mixed clay stabilizer into 10.0 m3 fresh water for injectivity test.					
10:00	11:00	1.00	PRODTE ST	Flow or buildup test	Conducted an injectivity test down the tubing as follows; Pre mixed clay stabilizer into fresh water. Pressure tested line to 32.0 mpa. Filled tubing with 3.5 m3 water containing clay stabilizer. Pressured up to 15.0 mpa & established break down. Pumped another 2.5 m3. Final rate = 170 L/min @ 12.0 mpa. Stopped pumping. ISIP = 9.0 mpa. Dropped 3.0 mpa in 2 minutes. Rigged off Cascade pressure truck.					

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 33, Report Date: 2/20/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.				
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012				
Cut/Fill (m)	0.0	Ground Elv. (m)	178.00	KB Elevation (m)	183.20	KB to Gnd (m)	5.20	KB-CF (m)	5.47	KB-TH (m)	5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00

**Time Log**

Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com
11:00	15:15	4.25	SLICK	Slickline work	Rigged in Lonkar S-line. SITP = 7350 kpa. RIH with 59.4 mm gauge ring & tagged the "XA". RIH with 58.42 mm dart & tagged the "XN". POH. RIH & set a plug & prong in the On/Off & opened the sleeve. Pressure tested lubricator with N2 each run. Bled off the tubing to the testers. Rigged off wire liners.
15:15	15:45	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Held a pre job safety meeting regaring the acid pickle.
15:45	16:45	1.00	STIMUL	Acidize/fracture/inject surfactants	Conducted a 1.0 m3, 15% HCL acid tubing pickle as follows; Tied in the pressure truck. Pressure tested line to 14.0 mpa. Pumped 1.0 m3, 15% HCL acid down tubing. Displaced to bottom with fresh water. Reversed acid out of tubing by pumping inhibited fresh water down the annulus & topped of the annulus with frac oil. Opened annulus back to allow fluid in tubing to drop.
16:45	17:15	0.50	SLICK	Slickline work	Rigged Lonkar S-line onto the well. RIH & closed the sleeve. POH.
17:15	17:30	0.25	TESTCS G	Test casing	Pressure tested annulus & sleeve to 14.0 mpa. 10 minutes. Rigged out & released pressure truck & shower unit.
17:30	18:30	1.00	SLICK	Slickline work	RIH & retrieved the prong & plug from the On/Off. Rigged out & released S-line unit.
18:30	19:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Held safety meeting with Night crews regarding operations. DWA inspection.
19:00	19:00	0.00	BRKTM	Lunch Break	Crews had approriate breaks throughout the day.
19:00	00:00	5.00	SWAB	Swabbing (includes swab test)	Rig in Swab rig to all policies, procedures, & regulations. Heated testers flow lines with steam. Swab down tubing to 1205mKB (on/off), continue tagging nipple until no inflow & pulling dry swabs.

**Report Fluids Summary**

Fluid	To well (m³)	From well (m³)	To lease (m³)	From lease (m³)
	0.00	0.00	0.00	0.00
Other	0.00	0.00	0.00	0.00

**Safety Checks**

Time	Des	Type	Com
06:30	Safety / Hazard Assesment Meeting	Safety Meeting	Discussed general lease safety with rig and testing crews.
18:30	Safety / Hazard Assesment Meeting	Safety Meeting	Discussed general lease safety with rig and testing crews.

**Logs**

Date	Type	Top (mKB)	Btm (mKB)	Cased?

**Perforations**

Date	Pool	Top (mKB)	Btm (mKB)	Current Status

**<typ> on <dttm>**

Date	Pool	Type	Stim/Treat Company
Stg #	Stage Type	Top (mKB)	Btm (mKB)

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 34, Report Date: 2/21/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00			

Primary Wellbore Affected Original Hole, 300H64650012600	Primary Job Type Initial Completion	Secondary Job Type Other	Final Status	Spud Date	Target Formation Canol
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.					End Date 8/5/2013

Contractor Nabors Production Services	Rig Number 211	Rig Release Date 2/18/2013
Contractor Nabors Production Services	Rig Number 211	Rig Release Date 3/6/2013

Weather Overcast	Temperature (°C) -29	Road Condition Icy/Snow covered	Tubing Pressure (kPa) 0	Casing Pressure (kPa) 94	Rig Time (hr) 0.00
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Operations Summary Swab tubing, rig out swab rig, wait on equipment.
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Operations Next Report Period Acidize formation.
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Job Contact	Title	Type	Mobile
Gerry Sillito	CP Mgr (West)		403-542-1119
John Butala	CP Superintendent	Office	403-651-4913
Gerald Perreault	Safety Advisor		403-993-8420
Mike Periard	CP Field Super	Well Site Supervisor	780-926-0118
Byron Baxter	CP Field Super	Well Site Supervisor	780-545-7280

Personnel Log		Company	Count	Tot Work Time (hr)
CENS Oilwell Consulting Ltd.			1	12.00
Sure Flow Consulting Services (1992) Inc.			1	12.00
Exlogs Sahtu Ltd.			1	12.00
Nabors Production Services - Calgary			4	48.00
Nabors Production Services - Calgary			2	24.00
Hse Integrated Ltd.			2	24.00
Mi Swaco			6	72.00
Seaward's Oilfield Services			2	24.00

Time Log					
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com
00:00	06:30	6.50	SWAB	Swabbing (includes swab test)	Tubing dry shortly after 12:00 am, wait for inflow till 5:30am. RIH did not tag fluid, pulled dry swab from "XA" sleeve @ 1205mKB with tandem cups. After discussion with Calgary, decision made to rig out swab rig. Rig out Swab rig & all associated equipment.  Total of 10 swabs pulled, swabbed back 3.1m3 of production water to P-tank.
06:30	07:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Held safety meeting with Day crews regarding operations. DWA inspection.
07:00	18:30	11.50	WOS	Waiting On Services (Ex: Coil Tubing, TMX Unit)	Wait for equipment to be released from N-9 to proceed with Acid Stimulation.
18:30	19:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Held safety meeting with Night crews regarding operations. DWA inspection.
19:00	00:00	5.00	WOS	Waiting On Services (Ex: Coil Tubing, TMX Unit)	Wait for equipment to be released from N-9 to proceed with Acid Stimulation.

Report Fluids Summary					
Fluid	To well (m³)	From well (m³)	To lease (m³)	From lease (m³)	
	0.00	0.00	0.00	0.00	0.00
Other	0.00	0.00	0.00	0.00	0.00

Safety Checks			
Time	Des	Type	Com
06:30	Safety / Hazard Assesment Meeting	Safety Meeting	Discussed general lease safety with rig and testing crews.

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 34, Report Date: 2/21/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased				Well Status Date 2/17/2012
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00			

**Safety Checks**

Time	Des	Type	Com
18:30	Safety / Hazard Assesment Meeting	Safety Meeting	Discussed general lease safety with rig and testing crews.

**Logs**

Date	Type	Top (mKB)	Btm (mKB)	Cased?

**Perforations**

Date	Pool	Top (mKB)	Btm (mKB)	Current Status

**<typ> on <dttm>**

Date	Pool	Type	Stim/Treat Company
Stg #	Stage Type	Top (mKB)	Btm (mKB)

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp



# Daily Completion and Workover - No Cost Object

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 35, Report Date: 2/22/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.		
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012		
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00				
Primary Wellbore Affected Original Hole, 300H64650012600		Primary Job Type Initial Completion	Secondary Job Type Other	Final Status		Spud Date		Target Formation Canol			
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.								End Date 8/5/2013			
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 2/18/2013					
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 3/6/2013					
Weather Clear		Temperature (°C) -28	Road Condition Icy/Snow covered			Tubing Pressure (kPa) 0	Casing Pressure (kPa) 94	Rig Time (hr) 0.00			
Operations Summary Waiting on equipment for Acid Stimulation.											
Operations Next Report Period Acidize formation.											
Job Contact		Title		Type				Mobile			
Gerry Sillito		CP Mgr (West)						403-542-1119			
John Butala		CP Superintendent		Office				403-651-4913			
Gerald Perreault		Safety Advisor						403-993-8420			
Mike Periard		CP Field Super		Well Site Supervisor				780-926-0118			
Byron Baxter		CP Field Super		Well Site Supervisor				780-545-7280			
Personnel Log											
Company					Count			Tot Work Time (hr)			
Sure Flow Consulting Services (1992) Inc.					1			12.00			
Exlogs Sahtu Ltd.					1			12.00			
Nabors Production Services - Calgary					4			48.00			
Nabors Production Services - Calgary					2			24.00			
Hse Integrated Ltd.					2			24.00			
Mi Swaco					6			72.00			
Time Log											
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com						
00:00	06:30	6.50	WOS	Waiting On Services (Ex: Coil Tubing, TMX Unit)	Wait for equipment to be released from N-9 to proceed with Acid Stimulation.						
06:30	07:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Held safety meeting with Day crews regarding operations. DWA inspection.						
07:00	18:30	11.50	WOS	Waiting On Services (Ex: Coil Tubing, TMX Unit)	Wait for equipment to be released from N-9 to proceed with Acid Stimulation.						
18:30	19:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Held safety meeting with Night crews regarding operations. DWA inspection.						
19:00	00:00	5.00	WOS	Waiting On Services (Ex: Coil Tubing, TMX Unit)	Wait for equipment to be released from N-9 to proceed with Acid Stimulation.						
Report Fluids Summary											
Fluid		To well (m³)		From well (m³)		To lease (m³)		From lease (m³)			
		0.00		0.00		0.00		0.00			
Other		0.00		0.00		0.00		0.00			
Safety Checks											
Time	Des			Type			Com				
06:30	Safety / Hazard Assesment Meeting			Safety Meeting			Discussed general lease safety with rig and testing crews.				
18:30	Safety / Hazard Assesment Meeting			Safety Meeting			Discussed general lease safety with rig and testing crews.				
Logs											
Date	Type				Top (mKB)			Btm (mKB)		Cased?	

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 35, Report Date: 2/22/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00			

**Perforations**

Date	Pool	Top (mKB)	Btm (mKB)	Current Status

**<typ> on <dttm>**

Date	Pool	Type	Stim/Treat Company

Stg #	Stage Type	Top (mKB)	Btm (mKB)	Vol Clean Pump (m³)

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 36, Report Date: 2/23/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.							
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012							
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00									
<b>Primary Wellbore Affected</b> Original Hole, 300H64650012600																
<b>Primary Job Type</b> Initial Completion		<b>Secondary Job Type</b> Other		<b>Final Status</b>		<b>Spud Date</b>		<b>Target Formation</b> Canol								
<b>Objective</b> Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.							<b>End Date</b> 8/5/2013									
<b>Contractor</b> Nabors Production Services		<b>Rig Number</b> 211		<b>Rig Release Date</b> 2/18/2013												
<b>Contractor</b> Nabors Production Services		<b>Rig Number</b> 211		<b>Rig Release Date</b> 3/6/2013												
<b>Weather</b> Light snow		<b>Temperature (°C)</b> -30	<b>Road Condition</b> Icy/Snow covered		<b>Tubing Pressure (kPa)</b>		<b>Casing Pressure (kPa)</b>	<b>Rig Time (hr)</b>		0.00						
<b>Operations Summary</b> Waiting on equipment for Acid Stimulation. Rig in Acidizing equipment, spot 7.1m3 of 15% HCL acid, displace into formation, rig out CTU pumper & associated equipment. Well dead, rig in swab rig, swab tubing dry (4.29m3). Wait 3 hours pull swab.																
<b>Operations Next Report Period</b> Swabbing.																
<b>Job Contact</b>		<b>Title</b>		<b>Type</b>		<b>Mobile</b>										
Gerry Sillito		CP Mgr (West)				403-542-1119										
John Butala		CP Superintendent		Office		403-651-4913										
Gerald Perreault		Safety Advisor				403-993-8420										
Byron Baxter		CP Field Super		Well Site Supervisor		780-545-7280										
<b>Personnel Log</b>																
<b>Company</b>					<b>Count</b>		<b>Tot Work Time (hr)</b>									
Sure Flow Consulting Services (1992) Inc.					1		12.00									
Exlogs Sahtu Ltd.					1		12.00									
Nabors Production Services - Calgary					4		48.00									
Nabors Production Services - Calgary					2		24.00									
Hse Integrated Ltd.					2		24.00									
Mi Swaco					6		72.00									
Seaward's Oilfield Services					2		24.00									
Cascade Services Partners					2		24.00									
Hse Integrated Ltd.					2		24.00									
Schlumberger Canada Ltd.					3		36.00									
<b>Time Log</b>																
<b>Start Time</b>	<b>End Time</b>	<b>Dur (hr)</b>	<b>Activity Code</b>	<b>Activity Desc.</b>	<b>Com</b>											
00:00	06:30	6.50	WOS	Waiting On Services (Ex: Coil Tubing, TMX Unit)	Wait for equipment to be released from N-9 to proceed with Acid Stimulation.											
06:30	07:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Held safety meeting with Day crews regarding operations. DWA inspection.											
07:00	09:00	2.00	RIGUP	Rig up	Spot & rig up SLB CTU pumper, data van, Cascade hot oiler, & Seaward acid truck, to all policies, procedures, & regulations.											
09:00	09:30	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Held pre-job safety with all personnel associated with the job. Reviewed job outline & hazards with it.											
09:30	12:00	2.50	STIMUL	Acidize/fracture/inject surfactants	Heated inhibited/clay treated 400bbl tank to 60°C. Mixed in additives & diluted 20% HCL acid to 15%. Fill & pressure test surface equipment to 34.5MPa, GOOD. Fill hole approximately 2m3 & achieve break @ 14.3MPa. Establish flat feed rate 150 Liters/min @ 10.5MPa. Pump 7.1m3 of 15% HCL acid & displace with tubing volume (3.75m3) + 1m3 overflush (Total Displacement = 4.75m3). Stop pumping & monitor pressure for 30 minutes. Decision made to rig out & attempt flowing well.											
					Total fluid pumped is: 16.1m3. Total 15% HCL Acid is: 7.1m3. Displaced volume is: 4.75m3. 30 minute SIP = 11.8MPa - 9.2MPa.											
12:00	12:30	0.50	BRKTM	Lunch Break	Hot lunch while waiting 30 minutes to monitor tubing pressure.											
12:30	13:00	0.50	RIGDOWN	Rig down	Rig out SLB CTU pumper, data van, Cascade hot oiler, & Seaward acid truck. Clean up around work areas & perform pre-trip inspections.											

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 36, Report Date: 2/23/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00			

**Time Log**

Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com
13:00	18:30	5.50	SWAB	Swabbing (includes swab test)	Flow/swab well as per Calgary direction.
18:30	19:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Held safety meeting with Night crews regarding operations. DWA inspection.
19:00	00:00	5.00	SWAB	Swabbing (includes swab test)	Flow/swab well as per Calgary direction.

**Report Fluids Summary**

Fluid	To well (m³)	From well (m³)	To lease (m³)	From lease (m³)
	0.00	0.00	0.00	0.00
Other	0.00	0.00	0.00	0.00

**Safety Checks**

Time	Des	Type	Com
06:30	Safety / Hazard Assesment Meeting	Safety Meeting	Discussed general lease safety with rig and testing crews.
18:30	Safety / Hazard Assesment Meeting	Safety Meeting	Discussed general lease safety with rig and testing crews.

**Logs**

Date	Type	Top (mKB)	Btm (mKB)	Cased?

**Perforations**

Date	Pool	Top (mKB)	Btm (mKB)	Current Status

**<typ> on <dttm>**

Date	Pool	Type		Stim/Treat Company
Stg #	Stage Type	Top (mKB)	Btm (mKB)	Vol Clean Pump (m³)

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 37, Report Date: 2/24/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.		
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012		
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79		PBTD (All) (mKB) Original Hole - 1,317.00			
Primary Wellbore Affected Original Hole, 300H64650012600		Primary Job Type Initial Completion		Secondary Job Type Other		Final Status		Spud Date		Target Formation Canol	
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.								End Date 8/5/2013			
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 2/18/2013					
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 3/6/2013					
Weather Partially cloudy		Temperature (°C) -31	Road Condition Icy/Snow covered			Tubing Pressure (kPa)		Casing Pressure (kPa)	Rig Time (hr)	0.00	
Operations Summary Flow or swab as per Calgary direction.											
Operations Next Report Period Flow/swab well.											
Job Contact		Title		Type					Mobile		
Gerry Sillito		CP Mgr (West)		Office					403-542-1119		
John Butala		CP Superintendent							403-651-4913		
Gerald Perreault		Safety Advisor							403-993-8420		
Byron Baxter		CP Field Super		Well Site Supervisor					780-545-7280		
Personnel Log											
Company						Count		Tot Work Time (hr)			
Sure Flow Consulting Services (1992) Inc.						1		12.00			
Exlogs Sahtu Ltd.						1		12.00			
Nabors Production Services - Calgary						4		48.00			
Nabors Production Services - Calgary						2		24.00			
Hse Integrated Ltd.						2		24.00			
Mi Swaco						6		72.00			
Hse Integrated Ltd.						2		24.00			
Time Log											
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com						
00:00	06:30	6.50	SWAB	Swabbing (includes swab test)	Flow/swab well as per Calgary direction.						
06:30	07:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Held safety meeting with Day crews regarding operations. DWA inspection.						
07:00	18:30	11.50	SWAB	Swabbing (includes swab test)	Flow/swab well as per Calgary direction.						
18:30	19:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Held safety meeting with Night crews regarding operations. DWA inspection.						
19:00	00:00	5.00	SWAB	Swabbing (includes swab test)	Flow/swab well as per Calgary direction.						
Report Fluids Summary											
Fluid		To well (m³)		From well (m³)		To lease (m³)		From lease (m³)			
		0.00		0.00		0.00		0.00			
Other		0.00		0.00		0.00		0.00			
Safety Checks											
Time	Des		Type			Com					
06:30	Safety / Hazard Assesment Meeting		Safety Meeting			Discussed general lease safety with rig and testing crews.					
18:30	Safety / Hazard Assesment Meeting		Safety Meeting			Discussed general lease safety with rig and testing crews.					
Logs											
Date	Type			Top (mKB)			Btm (mKB)			Cased?	

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 37, Report Date: 2/24/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00			

**Perforations**

Date	Pool	Top (mKB)	Btm (mKB)	Current Status

**<typ> on <dttm>**

Date	Pool	Type	Stim/Treat Company

Stg #	Stage Type	Top (mKB)	Btm (mKB)	Vol Clean Pump (m³)

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 38, Report Date: 2/25/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.		
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012		
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79		PBTD (All) (mKB) Original Hole - 1,317.00			
Primary Wellbore Affected Original Hole, 300H64650012600		Primary Job Type Initial Completion	Secondary Job Type Other	Final Status		Spud Date		Target Formation Canol			
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.								End Date 8/5/2013			
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 2/18/2013					
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 3/6/2013					
Weather Partially cloudy		Temperature (°C) -26	Road Condition Icy/Snow covered			Tubing Pressure (kPa)		Casing Pressure (kPa)	Rig Time (hr) 0.00		
Operations Summary Flow or swab as per Calgary direction.											
Operations Next Report Period Flow/swab well.											
Job Contact		Title		Type				Mobile			
Gerry Sillito		CP Mgr (West)		Office				403-542-1119			
John Butala		CP Superintendent						403-651-4913			
Gerald Perreault		Safety Advisor						403-993-8420			
Byron Baxter		CP Field Super		Well Site Supervisor				780-545-7280			
Personnel Log											
Company					Count			Tot Work Time (hr)			
Sure Flow Consulting Services (1992) Inc.					1			12.00			
Exlogs Sahtu Ltd.					1			12.00			
Nabors Production Services - Calgary					4			48.00			
Nabors Production Services - Calgary					2			24.00			
Hse Integrated Ltd.					2			24.00			
Mi Swaco					6			72.00			
Time Log											
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com						
00:00	06:30	6.50	SWAB	Swabbing (includes swab test)	Flow/swab well as per Calgary direction.						
06:30	07:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Held safety meeting with Day crews regarding operations. DWA inspection.						
07:00	18:30	11.50	SWAB	Swabbing (includes swab test)	Flow/swab well as per Calgary direction.						
18:30	19:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Held safety meeting with Night crews regarding operations. DWA inspection.						
19:00	00:00	5.00	SWAB	Swabbing (includes swab test)	Flow/swab well as per Calgary direction.						
Report Fluids Summary											
Fluid		To well (m³)		From well (m³)		To lease (m³)		From lease (m³)			
		0.00		0.00		0.00		0.00			
Other		0.00		0.00		0.00		0.00			
Safety Checks											
Time	Des			Type			Com				
06:30	Safety / Hazard Assesment Meeting			Safety Meeting			Discussed general lease safety with rig and testing crews.				
18:30	Safety / Hazard Assesment Meeting			Safety Meeting			Discussed general lease safety with rig and testing crews.				
Logs											
Date	Type			Top (mKB)			Btm (mKB)		Cased?		
Perforations											
Date	Pool		Top (mKB)		Btm (mKB)		Current Status				

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 38, Report Date: 2/25/2013**

Licensed UWI 300H64650012600	Surface Legal Location 300H64650012600	License # 462	Field Name SLATER RIVER	State/Province N.W.T.
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration	Well Status Drilled and Cased
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47

 TD All (TVD) (mKB)  
 5.00 Original Hole -  
 1,340.79 Original Hole -  
 1,317.00

 Well Status Date  
 2/17/2012

**<typ> on <dttm>**

Date	Pool	Type	Stim/Treat Company
Stg #	Stage Type	Top (mKB)	Btm (mKB)

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 39, Report Date: 2/26/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.				
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012				
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79		PBTD (All) (mKB) Original Hole - 1,317.00					
Primary Wellbore Affected Original Hole, 300H64650012600		Primary Job Type Initial Completion		Secondary Job Type Other		Final Status		Spud Date		Target Formation Canol			
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.									End Date 8/5/2013				
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 2/18/2013							
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 3/6/2013							
Weather Partially cloudy		Temperature (°C) -20	Road Condition Icy/Snow covered			Tubing Pressure (kPa)		Casing Pressure (kPa)		Rig Time (hr) 0.00			
Operations Summary Flow or swab as per Calgary direction.													
Operations Next Report Period Flow/swab well.													
Job Contact		Title		Type					Mobile				
Gerry Sillito		CP Mgr (West)		Office					403-542-1119				
John Butala		CP Superintendent							403-651-4913				
Gerald Perreault		Safety Advisor							403-993-8420				
Byron Baxter		CP Field Super		Well Site Supervisor					780-545-7280				
<b>Personnel Log</b>													
Company							Count		Tot Work Time (hr)				
Sure Flow Consulting Services (1992) Inc.							1		12.00				
Exlogs Sahtu Ltd.							1		12.00				
Nabors Production Services - Calgary							4		48.00				
Nabors Production Services - Calgary							2		24.00				
Hse Integrated Ltd.							2		24.00				
Mi Swaco							6		72.00				
Hse Integrated Ltd.							2		24.00				
<b>Time Log</b>													
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com								
00:00	06:30	6.50	SWAB	Swabbing (includes swab test)	Flow/swab well as per Calgary direction.								
06:30	07:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Held safety meeting with Day crews regarding operations. DWA inspection.								
07:00	18:30	11.50	SWAB	Swabbing (includes swab test)	Flow/swab well as per Calgary direction.								
18:30	19:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Held safety meeting with Night crews regarding operations. DWA inspection.								
19:00	00:00	5.00	SWAB	Swabbing (includes swab test)	Flow/swab well as per Calgary direction.								
<b>Report Fluids Summary</b>													
Fluid		To well (m³)		From well (m³)		To lease (m³)		From lease (m³)					
		0.00		0.00		0.00		0.00					
Other		0.00		0.00		0.00		0.00					
<b>Safety Checks</b>													
Time	Des			Type			Com						
06:30	Safety / Hazard Assesment Meeting			Safety Meeting			Discussed general lease safety with rig and testing crews.						
18:30	Safety / Hazard Assesment Meeting			Safety Meeting			Discussed general lease safety with rig and testing crews.						
<b>Logs</b>													
Date		Type			Top (mKB)			Btm (mKB)			Cased?		

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 39, Report Date: 2/26/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00			

**Perforations**

Date	Pool	Top (mKB)	Btm (mKB)	Current Status

**<typ> on <dttm>**

Date	Pool	Type	Stim/Treat Company

Stg #	Stage Type	Top (mKB)	Btm (mKB)	Vol Clean Pump (m³)

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 40, Report Date: 2/27/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.		
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012		
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79		PBTD (All) (mKB) Original Hole - 1,317.00			
Primary Wellbore Affected Original Hole, 300H64650012600		Primary Job Type Initial Completion	Secondary Job Type Other	Final Status		Spud Date		Target Formation Canol			
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.								End Date 8/5/2013			
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 2/18/2013					
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 3/6/2013					
Weather Partially cloudy		Temperature (°C) -26	Road Condition Icy/Snow covered			Tubing Pressure (kPa)		Casing Pressure (kPa)	Rig Time (hr) 0.00		
Operations Summary Flow or swab as per Calgary direction.											
Operations Next Report Period Flow/swab well.											
Job Contact		Title		Type				Mobile			
Gerry Sillito		CP Mgr (West)		Office				403-542-1119			
John Butala		CP Superintendent						403-651-4913			
Gerald Perreault		Safety Advisor						403-993-8420			
Byron Baxter		CP Field Super		Well Site Supervisor				780-545-7280			
Personnel Log											
Company					Count			Tot Work Time (hr)			
Sure Flow Consulting Services (1992) Inc.					1			12.00			
Exlogs Sahtu Ltd.					1			12.00			
Nabors Production Services - Calgary					4			48.00			
Nabors Production Services - Calgary					2			24.00			
Hse Integrated Ltd.					2			24.00			
Mi Swaco					6			72.00			
Time Log											
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com						
00:00	06:30	6.50	SWAB	Swabbing (includes swab test)	Flow/swab well as per Calgary direction.						
06:30	07:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Held safety meeting with Day crews regarding operations. DWA inspection.						
07:00	18:30	11.50	SWAB	Swabbing (includes swab test)	Flow/swab well as per Calgary direction.						
18:30	19:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Held safety meeting with Night crews regarding operations. DWA inspection.						
19:00	00:00	5.00	SWAB	Swabbing (includes swab test)	Flow/swab well as per Calgary direction.						
Report Fluids Summary											
Fluid		To well (m³)		From well (m³)		To lease (m³)		From lease (m³)			
		0.00		0.00		0.00		0.00			
Other		0.00		0.00		0.00		0.00			
Safety Checks											
Time	Des			Type			Com				
06:30	Safety / Hazard Assessment Meeting			Safety Meeting			Discussed general lease safety with rig and testing crews.				
18:30	Safety / Hazard Assessment Meeting			Safety Meeting			Discussed general lease safety with rig and testing crews.				
Logs											
Date	Type			Top (mKB)			Btm (mKB)		Cased?		
Perforations											
Date	Pool		Top (mKB)		Btm (mKB)		Current Status				

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 40, Report Date: 2/27/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00			

**<typ> on <dttm>**

Date	Pool	Type	Stim/Treat Company
Stg #	Stage Type	Top (mKB)	Btm (mKB)

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp



# Daily Completion and Workover - No Cost Object

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 41, Report Date: 2/28/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00			
Primary Wellbore Affected Original Hole, 300H64650012600		Primary Job Type Initial Completion		Secondary Job Type Other		Final Status		Spud Date	Target Formation Canol	
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.								End Date 8/5/2013		
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 2/18/2013				
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 3/6/2013				
Weather Overcast		Temperature (°C) -27	Road Condition Icy/Snow covered			Tubing Pressure (kPa)		Casing Pressure (kPa)	Rig Time (hr) 0.00	
Operations Summary Flow or swab as per Calgary direction. Move in & rig up Service Rig										
Operations Next Report Period Flow/swab well.										
Job Contact		Title		Type					Mobile	
Gerry Sillito		CP Mgr (West)							403-542-1119	
John Butala		CP Superintendent		Office					403-651-4913	
Gerald Perreault		Safety Advisor							403-993-8420	
Byron Baxter		CP Field Super		Well Site Supervisor					780-545-7280	
Personnel Log										
Company						Count		Tot Work Time (hr)		
Sure Flow Consulting Services (1992) Inc.						1		12.00		
Exlogs Sahtu Ltd.						1		12.00		
Nabors Production Services - Calgary						4		48.00		
Nabors Production Services - Calgary						2		24.00		
Hse Integrated Ltd.						2		24.00		
Mi Swaco						6		72.00		
Time Log										
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com					
00:00	06:30	6.50	SWAB	Swabbing (includes swab test)	Flow/swab well as per Calgary direction.					
06:30	07:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Held safety meeting with Day crews regarding operations. DWA inspection.					
07:00	18:30	11.50	SWAB	Swabbing (includes swab test)	Flow/swab well as per Calgary direction.					
18:30	19:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Held safety meeting with Night crews regarding operations. DWA inspection.					
19:00	00:00	5.00	SWAB	Swabbing (includes swab test)	Flow/swab well as per Calgary direction.					
Report Fluids Summary										
Fluid		To well (m³)		From well (m³)		To lease (m³)		From lease (m³)		
		0.00		0.00		0.00		0.00		
Other		0.00		0.00		0.00		0.00		
Safety Checks										
Time	Des			Type	Com					
06:30	Safety / Hazard Assesment Meeting			Safety Meeting	Discussed general lease safety with rig and testing crews.					
18:30	Safety / Hazard Assesment Meeting			Safety Meeting	Discussed general lease safety with rig and testing crews.					
Logs										
Date	Type				Top (mKB)	Btm (mKB)	Cased?			
Perforations										
Date	Pool		Top (mKB)		Btm (mKB)		Current Status			

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 41, Report Date: 2/28/2013**

Licensed UWI 300H64650012600	Surface Legal Location 300H64650012600	License # 462	Field Name SLATER RIVER	State/Province N.W.T.
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration	Well Status Drilled and Cased
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47

 TD All (TVD) (mKB)  
 5.00 Original Hole -  
 1,340.79

 PBTD (All) (mKB)  
 Original Hole -  
 1,317.00

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Date	Pool	Type	Stim/Treat Company
Stg #	Stage Type	Top (mKB)	Btm (mKB)

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 42, Report Date: 3/1/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.								
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012								
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00										
<hr/>																	
Primary Wellbore Affected Original Hole, 300H64650012600	Primary Job Type Initial Completion		Secondary Job Type Other		Final Status		Spud Date		Target Formation Canol								
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.						End Date 8/5/2013											
Contractor Nabors Production Services				Rig Number 211	Rig Release Date 2/18/2013												
Contractor Nabors Production Services				Rig Number 211	Rig Release Date 3/6/2013												
Weather Overcast	Temperature (°C) -23	Road Condition Icy/Snow covered			Tubing Pressure (kPa)	Casing Pressure (kPa)		Rig Time (hr)		6.00							
Operations Summary Flow or swab as per Calgary direction. Move Nabors Service rig #211 from N-9 & start rigging up.																	
Operations Next Report Period Rig up Nabors 211 service rig.																	
Job Contact	Title		Type				Mobile										
Gerry Sillito	CP Mgr (West)						403-542-1119										
John Butala	CP Superintendent		Office				403-651-4913										
Gerald Perreault	Safety Advisor						403-993-8420										
Byron Baxter	CP Field Super		Well Site Supervisor				780-545-7280										
Mike Periard	CP Field Super		Well Site Supervisor				780-926-0118										
Rob DeWolfe	CP Field Super		Well Site Supervisor				403-598-6050										
<b>Personnel Log</b>																	
Company					Count		Tot Work Time (hr)										
CENS Oilwell Consulting Ltd.					1		12.00										
Sure Flow Consulting Services (1992) Inc.					1		12.00										
Pajak Engineering Ltd.					1		12.00										
Exlogs Sahtu Ltd.					1		12.00										
Nabors Production Services - Calgary					4		48.00										
Nabors Production Services - Calgary					2		24.00										
Hse Integrated Ltd.					2		24.00										
Mi Swaco					6		72.00										
Mullen Trucking Inc.					6		72.00										
Nabors Production Services - Calgary					5		60.00										
Stream-Flo Industries Ltd.					2		24.00										
Cascade Services Partners					2		12.00										
<b>Time Log</b>																	
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com												
00:00	06:30	6.50	SWAB	Swabbing (includes swab test)	Flow/swab well as per Calgary direction.												
06:30	07:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Held safety meeting with Day crews regarding operations. DWA inspection.												
07:00	07:30	0.50	RIGDOWN	Rig down	Rig out Nabors swab rig # 308 & rack on the side of location.												
07:30	11:00	3.50	WOS	Waiting On Services (Ex: Coil Tubing, TMX Unit)	Wait for Mullen trucking guys to get to location as they were hoisted out from yesterday.												
11:00	13:30	2.50	MORU	Move on rig unit	Move Nabors rig #211 from N-9 to location.												
13:30	14:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Held pre-job safety meeting with all services on location & reviewed hazards with mitigations.												
14:00	18:30	4.50	MORU	Move on rig unit	Continue moving Nabors rig #211 from N-9 to location. Spot rig matting with 38 Ton picker. Trucks went to get second load & pump & tank.												
18:30	19:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Held safety meeting with Night crews regarding operations. DWA inspection.												
19:00	00:00	5.00	RIGUP	Rig up	Spot rig on matting , stand rig , level on well , function test safety devices . Run accumulator lines . Heat BOP's , Wellhead.												

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 42, Report Date: 3/1/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00			

**Report Fluids Summary**

Fluid	To well (m³) 0.00	From well (m³) 0.00	To lease (m³) 0.00	From lease (m³) 0.00
Other	0.00	0.00	0.00	0.00

**Safety Checks**

Time	Des	Type	Com
06:30	Safety / Hazard Assesment Meeting	Safety Meeting	Discussed general lease safety with rig and testing crews.
18:30	Safety / Hazard Assesment Meeting	Safety Meeting	Held Safety Meeting as per Husky and NEB regulations, topics discussed were : Use spotters when backing on Husky well sites, Cold working conditions , Slips Trips and Falls, Pinch points , Tag lines, Working @ hieghts , Over head loads, covered ERP , High pressure lines , Good communication , Incident Reporting , Zero Spills , Working together / Buddy system , Muster areas , Inspection of Equipment prior to use.

**Logs**

Date	Type	Top (mKB)	Btm (mKB)	Cased?

**Perforations**

Date	Pool	Top (mKB)	Btm (mKB)	Current Status

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Date	Pool	Type	Stim/Treat Company	
Stg #	Stage Type	Top (mKB)	Btm (mKB)	Vol Clean Pump (m³)

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 43, Report Date: 3/2/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79		PBT (All) (mKB) Original Hole - 1,317.00		
Primary Wellbore Affected Original Hole, 300H64650012600		Primary Job Type Initial Completion		Secondary Job Type Other		Final Status		Spud Date		Target Formation Canol
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.								End Date 8/5/2013		
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 2/18/2013				
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 3/6/2013				
Weather Clear		Temperature (°C) -24	Road Condition Icy/Snow covered			Tubing Pressure (kPa) 0	Casing Pressure (kPa) 0	Rig Time (hr) 24.00		
Operations Summary POOH to derrick with production string. Set BP @ 1221.0 mkb. P/T BP to 21.0 mpa 30 minutes , Dump bail 5 lineal meters of sand on BP , Start to RIH with TCP guns & Packer										
Operations Next Report Period Install WellHead , Pressure Test Tbg.										
Job Contact	Title			Type				Mobile		
Gerry Sillito	CP Mgr (West)							403-542-1119		
John Butala	CP Superintendent			Office				403-651-4913		
Gerald Perreault	Safety Advisor							403-993-8420		
Mike Periard	CP Field Super			Well Site Supervisor				780-926-0118		
Rob DeWolfe	CP Field Super			Well Site Supervisor				403-598-6050		
Personnel Log										
Company						Count		Tot Work Time (hr)		
CENS Oilwell Consulting Ltd.						1		12.00		
Pajak Engineering Ltd.						1		12.00		
Exlogs Sahtu Ltd.						1		12.00		
Nabors Production Services - Calgary						4		48.00		
Nabors Production Services - Calgary						2		0.00		
Hse Integrated Ltd.						2		24.00		
Mi Swaco						6		72.00		
Mullen Trucking Inc.						6		0.00		
Nabors Production Services - Calgary						10		120.00		
Stream-Flo Industries Ltd.						2		24.00		
Cascade Services Partners						2		12.00		
Schlumberger Canada Ltd.						3		0.00		
Time Log										
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com					
00:00	03:00	3.00	TESTBO P	Test BOPs	00:30:00 Accum hose frozen , removed hose , applied heat. 01:30:00 Installed & functioned tested good. Function test BOP's from Accum.building & remote stand , good. Perform 3 functions without accum.pump , re-charge time on accum.system. good. Install MI Swaco Pressure recording gauge Rig in Cascade Pressure Truck. Stump / Pressure Test Blind Rams 1400 kPa low 34,500 kPa High Each test 10 minutes each test good.					
03:00	03:15	0.25	NDWH	Nipple down wellhead	Check SITP , Install BPV in Tbg Hanger , Remove wellhead ,					
03:15	05:00	1.75	TESTBO P	Test BOPs	Install 5000 # 7 1/16" BOP system, Torque bolts to spec , Rig up work floor , handrails. Remove BPV , install drifted 73 mm pup jt with safety valve. Close pipe rams , Rig in Cascade pressure truck , Pressure test pipe rams 1,400 kPa low 34,500 kPa high , Pressure test annular 1,400 kPa low 10,000 kPa high , Each test held for 10 minutes,each test good. Fill Tbg with 3.25 m3 of fresh water .					

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 43, Report Date: 3/2/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.		
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012		
Cut/Fill (m)	0.0	Ground Elv. (m)	178.00	KB Elevation (m)	183.20	KB to Gnd (m)	5.20	KB-CF (m)	5.47	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00

**Time Log**

Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com
05:00	06:30	1.50	SETTOOL	Setting or unsetting packers	Check SICP , remove lag screws , Pull up on tbg string , string wt 12,000 DAn , rotate tbg to right 3/4 of a turn , unset packer , let elements relax , Pull & lay out tbg hanger , (good condition) Pull & lay out 1 - joint of 73 mm EUE L-80 9.67 kg/m , 2 - pup joints , Pull & stand 61 stands of tbg , 122 joints , Pull & lay out BHA.
06:30	06:30	0.00	BRKTM	Coffee Break	Crews had appropriate Coffee , Lunch , Warm-up breaks throughout the day.
06:30	07:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Safety/Hazard meeting as per Husky Energy and NEB regulations with all personal working on location Day crew.
07:00	08:30	1.50	POOH_PL&PAC	POOH plug or packer	Continued POH with tubing & packer. Pull & lay out tbg hanger , (good condition) Pull & lay out 1 - joint of 73 mm EUE L-80 9.67 kg/m , 2 - pup joints , Pull & stand 61 stands of tbg , 122 joints , Pull & lay out BHA.
08:30	11:30	3.00	WOS	Waiting On Services (Ex: Coil Tubing, TMX Unit)	Wait on Schlumberger wire line.
11:30	13:30	2.00	RIGUP	Rig up	Spotted & rigged up Schlumberger E-line. Held safety meeting regarding wire lining.
13:30	17:00	3.50	WIRELINE	Other wireline related work ( excluding log, swab,	RIH with a 155.0 mm gauge ring & tagged PB @ 1238.70 mkb. POH. RIH with a 177.8 mm permanent bridge plug & set @ 1221.0 mkb. POH.
17:00	18:00	1.00	TESTPLUG	Test plug	Filled annulus with fresh inhibited water. Pressure tested the bridge plug to 21,000 kpa for 30 minutes. Good test. Bled off annulus.
18:00	18:30	0.50	WIRELINE	Other wireline related work ( excluding log, swab,	RIH & dump bailed 5 lineal meters of sand on top of the bridge plug. POH.
18:30	19:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Safety/Hazard meeting as per Husky Energy and NEB regulations with all personal working on location Night crews.
19:00	20:30	1.50	WIRELINE	Other wireline related work ( excluding log, swab,	Continue RIH & dump bailed 5 lineal meters of sand on top of the bridge plug. POH. Rigged out E-line.
20:30	21:00	0.50	BHA	Handle&inspect BHA	Make up BHA : Perforating Gun , Retrievable Packer ,
21:00	00:00	3.00	RIH_PL&PAC	Run in hole plug or packer	RIH with BHA & 73.0 mm 9.67 kg/m EUE L-80 tubing from derrick Position Packer @ 1176.22 mkb

**Report Fluids Summary**

Fluid	To well (m³)	From well (m³)	To lease (m³)	From lease (m³)
	0.00	0.00	0.00	0.00
Other	0.00	0.00	0.00	0.00

**Safety Checks**

Time	Des	Type	Com
06:30	Safety / Hazard Assesment Meeting	Safety Meeting	Held Safety Meeting as per Husky and NEB regulations, topics discussed were : Use spotters when backing on Husky well sites, Cold working conditions , Slips Trips and Falls, Pinch points , Tag lines, Working @ heights , Over head loads, covered ERP , High pressure lines , Good communication , Incident Reporting , Zero Spills , Working together / Buddy system , Muster areas , Inspection of Equipment prior to use.

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 43, Report Date: 3/2/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00			

**Safety Checks**

Time	Des	Type	Com
18:30	Safety / Hazard Assesment Meeting	Safety Meeting	Held Safety Meeting as per Husky and NEB regulations, topics discussed were : Use spotters when backing on Husky well sites, Cold working conditions , Slips Trips and Falls, Pinch points , Tag lines, Working @ hieghts , Over head loads, covered ERP , High pressure lines , Good communication , Incident Reporting , Zero Spills , Working together / Buddy system , Muster areas , Inspection of Equipment prior to use.

**Logs**

Date	Type	Top (mKB)	Btm (mKB)	Cased?

**Perforations**

Date	Pool	Top (mKB)	Btm (mKB)	Current Status

**<typ> on <dttm>**

Date	Pool	Type	Stim/Treat Company

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)
Bridge Plug - Permanent	3/2/2013 15:55	142.5	1,220.77	1,221.20
Sand	3/2/2013 17:30	160.0	1,215.70	1,220.77

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 44, Report Date: 3/3/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00			

Primary Wellbore Affected Original Hole, 300H64650012600	Primary Job Type Initial Completion	Secondary Job Type Other	Final Status	Spud Date	Target Formation Canol
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.					End Date 8/5/2013

Contractor Nabors Production Services	Rig Number 211	Rig Release Date 2/18/2013
Contractor Nabors Production Services	Rig Number 211	Rig Release Date 3/6/2013

Weather Clear	Temperature (°C) -19	Road Condition Icy/Snow covered	Tubing Pressure (kPa) 0	Casing Pressure (kPa) 0	Rig Time (hr) 24.00
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Operations Summary RIH with TCP & Packer , Set Packer , Remove BOP's , Install Wellhead. P/T wellhead. Set test plug in the On/Off. Attempted to P/T tubing to 57.0 mpa but leaking off. P/T annulus to 25.0 mpa. Lost 1.0 mpa in 30 minutes. NDWH. NUBOPs. P/T BOPs. POH with tubing, breaking & redoping every connection.
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Operations Next Report Period RIH tbg , ND BOP's , NU Wellhead ,
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Job Contact	Title	Type	Mobile
Gerry Sillito	CP Mgr (West)		403-542-1119
John Butala	CP Superintendent	Office	403-651-4913
Gerald Perreault	Safety Advisor		403-993-8420
Mike Periard	CP Field Super	Well Site Supervisor	780-926-0118
Rob DeWolfe	CP Field Super	Well Site Supervisor	403-598-6050

Personnel Log	Company	Count	Tot Work Time (hr)
CENS Oilwell Consulting Ltd.		1	12.00
Pajak Engineering Ltd.		1	12.00
Exlogs Sahtu Ltd.		1	12.00
Hse Integrated Ltd.		2	24.00
Mi Swaco		6	72.00
Nabors Production Services - Calgary		10	120.00
Stream-Flo Industries Ltd.		2	16.00
Cascade Services Partners		2	12.00
Schlumberger Canada Ltd.		3	36.00
Lonkar Services Ltd.		2	18.00
Schlumberger Canada Ltd.		4	24.00

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 44, Report Date: 3/3/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.				
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012				
Cut/Fill (m)	0.0	Ground Elv. (m)	178.00	KB Elevation (m)	183.20	KB to Gnd (m)	5.20	KB-CF (m)	5.47	KB-TH (m)	5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00

Time Log										
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com					
00:00	03:30	3.50	SETTOOL	Setting or unsetting packers	Rig up Schlumberger E-Line unit , Purge & Pressure Test Lubricator , RIH Gamma Ray CCL , Correlate Packer using 6' marker pup in BHA , ( marker high 20 m ) Depths Correlated to Baker Hughes open hole Gamma Ray log Dated March 6 2012 POOH Add 1 joint , 1 nipple , 1 joint , Tbg Hanger , Set Packer perform push / pull test . good. Land Tbg in 8,000 daN Copression. Rig up Schlumberger E-Line unit , Purge & Pressure Test Lubricator, RIH Confirm packer setting depth.Good.POOH Rig out E-line unit  Packer set with c/e @ 1177.22 mKb, Putting 2 m Perforating Gun top shot @ 1192.00 mKb  127 mm Bull Nose 127 mm 2.0 m ERHSC Loaded w/Deep Penetrating Charges 20 SPM 60 deg.phasing 127 mm Safety Spacer / Gun top sub Mechanical Firing Head 1.25 m 73.0 mm Gun Handling pup 41.3 mm No-Go 1.26 m 73.0 mm 9.67 kg/m L-80 Pup Joint 0.13 m 73.0 mm Flow Sub 0.39 m 73.0 mm Mechanical Gun Release (shift up to release) 0.30 m 73.0 mm Otis XN Nipple c/w 58.72 mm Bore & 56.0 mm No-Go 3.08 m 73.0 mm 9.67 kg/m L-80 EUE Pup Joint 0.29 m 73.0 mm Otis X Nipple c/w 58.72 mm Profile 1.86 m 73.0 mm 9.67 kg/m L-80 EUE Perforated Pup Joint 0.30 m 73.0 mm Otis X Nipple c/w 58.75 mm Profile 3.08 m 73.0 mm 9.67 kg/m L-80 EUE Pup Joint 2.30 m 177.8 mm x 73.0 mm Retrievable Double Grip 10 k Production Packer 0.55 m 177.8 mm x 73.0 mm T-2 On/Off Tool 3.08 m 73.0 mm 9.67 kg/m L-80 EUE Pup Joint 9.67 m 73.0 mm 9.67 kg/m L-80 EUE Tbg Joint ( 1 ) 1.86 m 73.0 mm 9.67 kg/m L-80 EUE Pup Joint 1146.42 m 73.0 mm 9.67 kg/m L-80 EUE Tbg (119 joints) 0.19 m 73.0 mm 9.67 kg/m L-80 EUE Nipple (space out) 9.67 m 73.0 mm 9.67 kg/m L-80 EUE Tbg Joint ( 1 ) ERC Tbg Hanger in 8,000 daN Compression.					
03:30	04:00	0.50	CIRC	Circulate well clean	Rig in Cascade pressure truck/hot oiler to casing , reverse cir 2.50 m3 of oil , Returning water to Vac truck , Shut in Tbg/Csg, Move vac truck to csg open tbg/csg displace .5 m3 to vac truck dropping fluid level in tbg. Add 2 pails of Methanol to tbg.					
04:00	04:30	0.50	TESTPACK	Test packer	Install MI Swaco Pressure recorder & Pressure test Annulas to 25,000 kPa for 15 minutes,Good.					
04:30	05:30	1.00	NDBOP	Nipple down BOP	Install BPV , Rig out 73.0 mm handling equipment , Stairways / Escape routes , handrails , workfloor. Remove BOP's ,					
05:30	06:30	1.00	NUWH	Nipple up wellhead	Start to make up Wellhead Assembly.					
06:30	06:30	0.00	BRKTM	Coffee Break	Crews had appropriate Coffee , Lunch , Warm-up breaks throughout the day.					
06:30	07:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Safety/Hazard meeting as per Husky Energy and NEB regulations with all personal working on location Day crew.					
07:00	07:30	0.50	NUWH	Nipple up wellhead	Continued nippling up & pressure testing the wellhead. Pulled the BPV from wellhead.					
07:30	08:30	1.00	RIGUP	Rig up	Rigged in Lonkar S-line.					
08:30	09:30	1.00	SLICK	Slickline work	RIH & set 58.75 mm 4140 Otis 14 " XO" 23110 selective test tool in the On/Off.POH.					
09:30	10:00	0.50	RIGUP	Rig up	Rigged in Schlumberger high pressure pumper & testers to the wellhead.					

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 44, Report Date: 3/3/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.				
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012				
Cut/Fill (m)	0.0	Ground Elv. (m)	178.00	KB Elevation (m)	183.20	KB to Gnd (m)	5.20	KB-CF (m)	5.47	KB-TH (m)	5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00

**Time Log**

Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com
10:00	11:30	1.50	TESTTB G	Test tubing	Established circulation thru to the testers. Pressure tested surface line to wellhead to 62.0 mpa. Bled pressure back. Opened the wellhead. Pressure tested tubing to 34.5 mpa for 15 minutes while monitoring the annulus. Pressure on tubing dropped to 30,000 kpa & annulus increased to 1,200 kpa. Bled pressure off the tubing & the annulus decreased slightly. Pressured back up on the tubing & the pressure dropped 3,000 kpa in 10 minutes. Bled pressure off.
11:30	13:30	2.00	TESTCS G	Test casing	Tied into the annulus to test the annulus. Pressure tested the surface line to 30.0 mpa. Opened annulus & pressured up to 25,000 kpa while monitoring the tubing. Annulus dropped to 24.5 kpa in 15 minutes & tubing showed no sign of communication. After 15 minutes tubing slowly signs of communication. Annulus dropped to 24.0 mpa in 30 minutes & to 23.7 mpa in 40 minutes. Decision was to pull tubing & redope every connection. Bled off pressure. Rigged out pressure truck.
13:30	14:15	0.75	NDWH	Nipple down wellhead	Removed the wellhead.
14:15	15:45	1.50	NUBOP	Nipple up BOP	Function & remote tested BOPs. Installed the BOPs.
15:45	16:45	1.00	TESTTB G	Test tubing	Tied into the tubing with the rig pump. Pressure tested down tubing without the wellhead. Still bleeding down the same. Bled tubing back.
16:45	17:45	1.00	TESTBO P	Test BOPs	Pressure tested the BOP to wellhead connection & pipe rams to 1.4 & 21.0 mpa. 10 minutes. each. Rigged in tongs & handling equipment.
17:45	18:00	0.25	SETTOO L	Setting or unsetting packers	Backed out the tubing hanger screws. Released from the On/Off. Pulled & laid down the tubing hanger.
18:00	18:30	0.50	POOH_T B	POOH tubing	Started POH with tubing. Breaking & redoping every connection on the way out.
18:30	19:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Safety/Hazard meeting as per Husky Energy and NEB regulations with all personal working on location Night crews.
19:00	20:00	1.00	POOH_T B	POOH tubing	Continue to POOH with 73.0 mm EUE Tbg to derrick Breaking connections , Cleaning / inspecting threads , applying thread compound.
20:00	20:30	0.50	MISC	Miscellaneous operations.	Blow Out Drill 59 seconds , hard shut in. muster , perform head count. discuss procedure.
20:30	22:00	1.50	POOH_T B	POOH tubing	Continue to POOH with 73.0 mm EUE Tbg to derrick Breaking connections , Cleaning / inspecting threads , applying thread compound. Break down On / Off Tool double set of seals inside appear in excellent condition. Put new double seals in On / Off.
22:00	22:30	0.50	BRKTM	Coffee Break	Coffee Break / Toolhand re-dress On/Off.
22:30	00:00	1.50	RIH_TB	Run in hole tubing	Make-up re-dressed On / Off on to 10' handing pup , RIH w/73.0 mm Tbg from derrick Make up torque on 73.0 mm 9.67 kg/m EUE Tbg 2,300 ft/lbs optimum (procedure:high gear til tight,low gear,2-3 times til stops @ 2300 ft/lbs)

**Report Fluids Summary**

Fluid	To well (m³)	From well (m³)	To lease (m³)	From lease (m³)
	0.00	0.00	0.00	0.00
Other	0.00	0.00	0.00	0.00

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 44, Report Date: 3/3/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.		
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration				Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m)	0.0	Ground Elv. (m)	178.00	KB Elevation (m)	183.20	KB to Gnd (m)	5.20	KB-CF (m)	5.47	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00

**Safety Checks**

Time	Des	Type	Com
06:30	Safety / Hazard Assesment Meeting	Safety Meeting	Held Safety Meeting as per Husky and NEB regulations, topics discussed were : Use spotters when backing on Husky well sites, Cold working conditions , Slips Trips and Falls, Pinch points , Tag lines, Working @ hieghts , Over head loads, covered ERP , High pressure lines , Good communication , Incident Reporting , Zero Spills , Working together / Buddy system , Muster areas , Inspection of Equipment prior to use.
18:30	Safety / Hazard Assesment Meeting	Safety Meeting	Held Safety Meeting as per Husky and NEB regulations, topics discussed were : Pulling out of hole & run in hole with tbg , proper torque , good count on tbg. Use spotters when backing on Husky well sites, Cold working conditions , Slips Trips and Falls, Pinch points , Tag lines, Working @ hieghts , Over head loads, covered ERP , High pressure lines , Good communication , Incident Reporting , Zero Spills , Working together / Buddy system , Muster areas , Inspection of Equipment prior to use.
20:00	Blow out drill	BOP Drill	Blow out drill, 59 seconds,first 2 donned air packs,performed head count, discussed shut in procedures.

**Logs**

Date	Type	Top (mKB)	Btm (mKB)	Cased?

**Perforations**

Date	Pool	Top (mKB)	Btm (mKB)	Current Status

**<typ> on <dttm>**

Date	Pool	Type	Stim/Treat Company
Stg #	Stage Type	Top (mKB)	Btm (mKB)
			Vol Clean Pump (m³)

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 45, Report Date: 3/4/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79		PBTM (All) (mKB) Original Hole - 1,317.00		
Primary Wellbore Affected Original Hole, 300H64650012600		Primary Job Type Initial Completion		Secondary Job Type Other		Final Status		Spud Date		Target Formation Canol
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.								End Date 8/5/2013		
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 2/18/2013				
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 3/6/2013				
Weather overcast / light snow		Temperature (°C) -14	Road Condition Icy/Snow covered			Tubing Pressure (kPa) 0	Casing Pressure (kPa) 0	Rig Time (hr) 24.00		
Operations Summary RIH with TBG re-toqueing all connections on way in, Pressure test Tbg, Csg. NDBOPs. NUWH. P/T wellhead. Pulled "XO" tool. Swabbed tubing down to 1140 meters. Dropped bar & perforated the new Lower Canol zone. Slickline retrieved drop bar.										
Operations Next Report Period Swab / Flow										
Job Contact		Title		Type					Mobile	
Gerry Sillito		CP Mgr (West)							403-542-1119	
John Butala		CP Superintendent		Office					403-651-4913	
Gerald Perreault		Safety Advisor							403-993-8420	
Mike Periard		CP Field Super		Well Site Supervisor					780-926-0118	
Rob DeWolfe		CP Field Super		Well Site Supervisor					403-598-6050	
Personnel Log										
Company					Count			Tot Work Time (hr)		
CENS Oilwell Consulting Ltd.					1			12.00		
Pajak Engineering Ltd.					1			12.00		
Exlogs Sahtu Ltd.					1			12.00		
Hse Integrated Ltd.					2			24.00		
Mi Swaco					6			72.00		
Nabors Production Services - Calgary					10			120.00		
Cascade Services Partners					2			16.00		
Lonkar Services Ltd.					2			18.00		
Schlumberger Canada Ltd.					4			24.00		
Time Log										
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com					
00:00	03:00	3.00	RIH_TB	Run in hole tubing	Made-up re-dressed On / Off on to 10' handing pup, RIH w/73.0 mm Tbg from derrick Make up torque on 73.0 mm 9.67 kg/m EUE Tbg 2,300 ft/lbs optimum (procedure:high gear til tight,low gear,2-3 times til stops @ 2300 ft/lbs) RIH same BHA / TBG joints, Latch On/Off , land Tbg in 8,000 daN compression. Tighten in lag screws.					

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 45, Report Date: 3/4/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.				
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)		Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased		Well Status Date 2/17/2012				
Cut/Fill (m)	0.0	Ground Elv. (m)	178.00	KB Elevation (m)	183.20	KB to Gnd (m)	5.20	KB-CF (m)	5.47	KB-TH (m)	5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00

Time Log										
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com					
03:00	06:30	3.50	TESTTB G	Test tubing	Rig in Cascade Pressure truck to Tbg , pressure test surface lines to 35,000 kPa , Open Tbg Pressure test to 34,000 kPa Pressure drops to 32,000 kPa , 3 minutes , pump up to 34,000 kPa Time Kpa 03:40 34,316 03:55 33,285 04:00 33,135 04:05 32,970 04:10 32,816 04:15 32,707 04:20 32,550 40 minutes tbg bled off 1,766 kPa 20 kPa on csg , Annular (bag) shut work spool open with dead weight gauge 4 kPa 04:30 bleed off tbg , Move Cascade Pressure truck to Casing 04:45 pressure test surface lines , Pressure test csg to 25,000 kPa Time Csg Tbg 04:45 24,367 0 04:50 24,235 232 04:55 24,095 408 05:00 23,976 536 05:05 23,849 635 05:10 23,696 738 05:15 23,599 838 30 minutes lost 768 kPa on Csg , Call in to Calgary with findings.					
06:30	06:30	0.00	BRKTM	Coffee Break	Crews had appropriate Coffee , Lunch , Warm-up breaks throughout the day.					
06:30	07:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Safety/Hazard meeting as per Husky Energy and NEB regulations with all personal working on location Day crew.					
07:00	07:45	0.75	TESTTB G	Test tubing	Continue to test the tubing. SITP = 34,794 kpa SICP = 420 kpa After 15 minutes SITP = 33,310 kpa SICP = 465 kpa After 30 minutes SITP = 32,826 kpa SICP = 492 kpa After 45 minutes SITP = 32,479 kpa SICP = 510 kpa Bled pressure off the tubing..					
07:45	08:45	1.00	TESTCS G	Test casing	Pressured up on the annulus to 25,000 kpa. Left tubing open & monitored for flow. Annulus dropped 285 kpa in the last 15 minutes. Tubing had no flow. Decision was to continue with program. Bled pressure off the annulus.					
08:45	09:45	1.00	NDBOP	Nipple down BOP	Removed pup joint from the Tbg Hanger. Installed BPV in the tubing hanger. Rigged out floor & equipment. Removed the BOPs.					
09:45	10:45	1.00	NUWHL	Nipple up wellhead	Installed 69.0 mpa wellhead. Pressure tested wellhead seals to 68.0 mpa. Removed the BPV from the tubing hanger.					
10:45	11:15	0.50	RIGUP	Rig up	Tied in high pressure pumper & testers to the wellhead. Established circulation to testers to purge line.					
11:15	13:15	2.00	TESTTB G	Test tubing	Pressured up on tubing to 57,057 kpa. Bled down to 51,060 kpa in 30 minutes. Annulus increased 558 kpa in 30 minutes. Bumped pressure back up to 57,000 kpa. Bled to 53,900 in 30 minutes. Decision was to continue on with the program. Bled pressure off well.					
13:15	14:00	0.75	RIGUP	Rig up	Rigged in Lonkar slick line. Held safety meeting regarding wire lining.					
14:00	15:00	1.00	SLICK	Slickline work	RIH & retrieved the "XO" tool from the On/Off. Rigged out Lonkar.					
15:00	15:45	0.75	RIGUP	Rig up	Rigged in swab equipment.					
15:45	17:00	1.25	SWAB	Swabbing (includes swab test)	Pulled 4 swabs. Recovered 3.40 m3. This left 50 meters of fluid in the tubing. Rigged out swab equipment.					
17:00	18:15	1.25	PERF	Perforate well - Wireline/TCP	Dropped the bar & perforated the new Lower Canol interval. Well went on vac. Monitored pressures for 1 hour. Well stayed on vac.					
18:15	18:30	0.25	RIGUP	Rig up	Rigged in swab equipment.					

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 45, Report Date: 3/4/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.				
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012				
Cut/Fill (m)	0.0	Ground Elv. (m)	178.00	KB Elevation (m)	183.20	KB to Gnd (m)	5.20	KB-CF (m)	5.47	KB-TH (m)	5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00

**Time Log**

Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com
18:30	18:30	0.00	BRKTM	Lunch Break	Crews had appropriate Coffee , Lunch , Warm-up breaks throughout the day.
18:30	19:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Safety/Hazard meeting as per Husky Energy and NEB regulations with all personal working on location Night crews.
19:00	20:30	1.50	SWAB	Swabbing (includes swab test)	Swab well as directed.
20:30	21:30	1.00	SLICK	Slickline work	Hold pre-task meeting, Rig in Lonkar SLICKline unit , Purge pressure test lubricator RIH retrive Firing bar for TCP guns,POOH , Rig out Lonkar Slickline.
21:30	00:00	2.50	SWAB	Swabbing (includes swab test)	Swab / Flow well as directed.

**Report Fluids Summary**

Fluid	To well (m³)	From well (m³)	To lease (m³)	From lease (m³)
	0.00	0.00	0.00	0.00
Other	0.00	0.00	0.00	0.00

**Safety Checks**

Time	Des	Type	Com
06:30	Safety / Hazard Assesment Meeting	Safety Meeting	Held Safety Meeting as per Husky and NEB regulations, topics discussed were : Swabbing Use spotters when backing on Husky well sites, Cold working conditions , Slips Trips and Falls, Pinch points , Tag lines, Working @ hieghts , Over head loads, covered ERP , High pressure lines , Good communication , Incident Reporting , Zero Spills , Working together / Buddy system , Muster areas , Inspection of Equipment prior to use.
18:30	Safety / Hazard Assesment Meeting	Safety Meeting	Held Safety Meeting as per Husky and NEB regulations, topics discussed were : Swabbing Use spotters when backing on Husky well sites, Cold working conditions , Slips Trips and Falls, Pinch points , Tag lines, Working @ hieghts , Over head loads, covered ERP , High pressure lines , Good communication , Incident Reporting , Zero Spills , Working together / Buddy system , Muster areas , Inspection of Equipment prior to use.

**Logs**

Date	Type	Top (mKB)	Btm (mKB)	Cased?

**Perforations**

Date	Pool	Top (mKB)	Btm (mKB)	Current Status
3/4/2013	CANOL, <invalid field>, <zoneida>	1,192.00	1,194.00	Open - Flowing (1,192.00 - 1,194.00)

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Date		Type	Stim/Treat Company	
Stg #	Stage Type	Top (mKB)	Btm (mKB)	Vol Clean Pump (m³)

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 46, Report Date: 3/5/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.							
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012							
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00									
<b>Primary Wellbore Affected</b> Original Hole, 300H64650012600																
Primary Job Type Initial Completion		Secondary Job Type Other		Final Status		Spud Date		Target Formation Canol								
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.							End Date 8/5/2013									
Contractor Nabors Production Services		Rig Number 211		Rig Release Date 2/18/2013												
Contractor Nabors Production Services		Rig Number 211		Rig Release Date 3/6/2013												
Weather scattered clouds / windy		Temperature (°C) -22	Road Condition Icy/Snow covered			Tubing Pressure (kPa) 0	Casing Pressure (kPa) 0	Rig Time (hr) 0	24.00							
Operations Summary Swab / Flow as directed. Conducted high rate injection test. RIH & set down hole recorders on the "XN" nipple. Rig out service rig & equipment.																
Operations Next Report Period Swab / Flow , Perform high rate injection test																
Job Contact		Title		Type			Mobile									
Gerry Sillito		CP Mgr (West)					403-542-1119									
John Butala		CP Superintendent		Office			403-651-4913									
Gerald Perreault		Safety Advisor					403-993-8420									
Mike Periard		CP Field Super		Well Site Supervisor			780-926-0118									
Rob DeWolfe		CP Field Super		Well Site Supervisor			403-598-6050									
<b>Personnel Log</b>																
Company					Count		Tot Work Time (hr)									
CENS Oilwell Consulting Ltd.					1		12.00									
Pajak Engineering Ltd.					1		12.00									
Exlogs Sahtu Ltd.					1		12.00									
Hse Integrated Ltd.					2		24.00									
Mi Swaco					6		72.00									
Nabors Production Services - Calgary					10		120.00									
Cascade Services Partners					2		20.00									
Lonkar Services Ltd.					2		8.00									
Schlumberger Canada Ltd.					10		120.00									
Hodgsons Contracting (2005) Inc.					1		12.00									
<b>Time Log</b>																
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com											
00:00	06:30	6.50	SWAB	Swabbing (includes swab test)	Swab / Flow well as directed											
06:30	06:30	0.00	BRKTM	Coffee Break	Crews had appropriate Coffee , Lunch , Warm-up breaks throughout the day.											
06:30	07:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Safety/Hazard meeting as per Husky Energy and NEB regulations with all personal working on location Day crew.											
07:00	11:30	4.50	RIGUP	Rig up	Rigged off the swab equipment. Rigged in Schlumberger equipment to conduct the high rate injection test.											
11:30	12:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Held safety meeting regarding the high rate injection test.											
12:00	12:45	0.75	TESTTB G	Test tubing	Established circulation thru pump lines to the rig tank to warm up & purge lines. Pressure tested lines to 70.0 mpa. Set back pressure valve to 25.0 mpa. Pressured up on the annulus to 21.0 mpa with the hot oiler.											
12:45	14:00	1.25	STIMUL	Acidize/fracture/inject surfactants	Installed surface recorders. Conducted high rate injection test as per program. Filled tubing with 0.90 m3 fresh water. Established break down @ 24.8 mpa. Increased rates. Max rate = 4.60 m3/min. Max pressure = 61.30 mpa. Min = 21.60 mpa. Average = 41.45 mpa. ISIP = 14.40 mpa. 5 min = 97. mpa. 10 min = 9.0 mpa. 15 min = 8.5 mpa. 30 min = 7.8 mpa. 45 min = 7.7 mpa. 60 min = 7.2 mpa.											
14:00	16:00	2.00	RIGDOWN	Rig down	Bled off the annulus pressure. Rigged out frac equipment & hot oiler.											
16:00	16:45	0.75	RIGUP	Rig up	Rigged in Lonkar S-line.											

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 46, Report Date: 3/5/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.				
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012				
Cut/Fill (m)	0.0	Ground Elv. (m)	178.00	KB Elevation (m)	183.20	KB to Gnd (m)	5.20	KB-CF (m)	5.47	KB-TH (m)	5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00

**Time Log**

Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com
16:45	18:30	1.75	SLICK	Slickline work	RIH & set dart in the "XN" nipple. POH. RIH & set tandem recorders on the dart. POH. Rigged out Lonkar.
18:30	18:30	0.00	BRKTM	Lunch Break	Crews had appropriate Coffee , Lunch , Warm-up breaks throughout the day.
18:30	19:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Safety/Hazard meeting as per Husky Energy and NEB regulations with all personal working on location Night crews.
19:00	21:30	2.50	RIGDOWN	Rig down	Started rigging out rig & equipment.
21:30	00:00	2.50	FLOWTEST	Flow test well	Flow well as directed. Rig in Swab rig , perform swab rig inspection.

**Report Fluids Summary**

Fluid	To well (m³)	From well (m³)	To lease (m³)	From lease (m³)
	0.00	0.00	0.00	0.00
Other	0.00	0.00	0.00	0.00

**Safety Checks**

Time	Des	Type	Com
06:30	Safety / Hazard Assesment Meeting	Safety Meeting	Held Safety Meeting as per Husky and NEB regulations, topics discussed were : Swabbing Use spotters when backing on Husky well sites, Cold working conditions , Slips Trips and Falls, Pinch points , Tag lines, Working @ hieghts , Over head loads, covered ERP , High pressure lines , Good communication , Incident Reporting , Zero Spills , Working together / Buddy system , Muster areas , Inspection of Equipment prior to use.
18:30	Safety / Hazard Assesment Meeting	Safety Meeting	Held Safety Meeting as per Husky and NEB regulations, topics discussed were : Rig out Service Rig , Swabbing fresh water , working with steam . Use spotters when backing on Husky well sites, Cold working conditions , Slips Trips and Falls, Pinch points , Tag lines, Working @ hieghts , Over head loads, covered ERP , High pressure lines , Good communication , Incident Reporting , Zero Spills , Working together / Buddy system , Muster areas , Inspection of Equipment prior to use.

**Logs**

Date	Type	Top (mKB)	Btm (mKB)	Cased?

**Perforations**

Date	Pool	Top (mKB)	Btm (mKB)	Current Status

**<typ> on <dttm>**

Date	Pool	Type	Stim/Treat Company
Stg #	Stage Type	Top (mKB)	Btm (mKB)
			Vol Clean Pump (m³)

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 47, Report Date: 3/6/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.		
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012		
Cut/Fill (m)	0.0	Ground Elv. (m)	178.00	KB Elevation (m)	183.20	KB to Gnd (m)	5.20	KB-CF (m)	5.47	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00

Primary Wellbore Affected Original Hole, 300H64650012600	Primary Job Type Initial Completion	Secondary Job Type Other	Final Status	Spud Date	Target Formation Canol
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.					End Date 8/5/2013

Contractor Nabors Production Services	Rig Number 211	Rig Release Date 2/18/2013				
Contractor Nabors Production Services	Rig Number 211	Rig Release Date 3/6/2013				
Weather mainly sunny/breezy	Temperature (°C) -38	Road Condition Icy/Snow covered		Tubing Pressure (kPa) 0	Casing Pressure (kPa) 0	Rig Time (hr) 24.00

Operations Summary Swab / Flow as directed. Changed out wellheads from 69.0 mpa to 35.0 mpa. Continue swabbing.
Operations Next Report Period Swab / Flow well as directed

Job Contact	Title	Type	Mobile
Gerry Sillito	CP Mgr (West)		403-542-1119
John Butala	CP Superintendent	Office	403-651-4913
Gerald Perreault	Safety Advisor		403-993-8420
Mike Periard	CP Field Super	Well Site Supervisor	780-926-0118
Rob DeWolfe	CP Field Super	Well Site Supervisor	403-598-6050

Personnel Log		Company	Count	Tot Work Time (hr)
CENS Oilwell Consulting Ltd.			1	12.00
Pajak Engineering Ltd.			1	12.00
Exlogs Sahtu Ltd.			1	12.00
Hse Integrated Ltd.			2	24.00
Mi Swaco			6	72.00
Nabors Production Services - Calgary			10	80.00
Nabors Production Services - Calgary			1	8.00
Hodgsons Contracting (2005) Inc.			1	12.00
Hodgsons Contracting (2005) Inc.			1	5.00
Stream-Flo Industries Ltd.			2	6.00

Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com
00:00	06:30	6.50	SWAB	Swabbing (includes swab test)	Swab / Flow well as directed
06:30	06:30	0.00	BRKTM	Coffee Break	Crews had appropriate Coffee , Lunch , Warm-up breaks throughout the day.
06:30	07:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Safety/Hazard meeting as per Husky Energy and NEB regulations with all personal working on location Day crew.
07:00	13:00	6.00	SWAB	Swabbing (includes swab test)	Continued swabbing the well.
13:00	13:30	0.50	NDBOP	Nipple down BOP	Rigged off swab equipment. Set BPV in the tubing hanger. Removed the 69.0 mpa wellhead.
13:30	14:15	0.75	NUWH	Nipple up wellhead	Installed the 35.0 mpa wellhead. Pressure tested the seals to 35.0 mpa. Removed the BPV from the tubing hanger.
14:15	18:30	4.25	SWAB	Swabbing (includes swab test)	Rigged swab equipment onto the wellhead. Continued swabbing the well.
18:30	18:30	0.00	BRKTM	Lunch Break	Crews had appropriate Coffee , Lunch , Warm-up breaks throughout the day.
18:30	19:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Safety/Hazard meeting as per Husky Energy and NEB regulations with all personal working on location Night crew.
19:00	00:00	5.00	SWAB	Swabbing (includes swab test)	Continue to Swab well as directed

Report Fluids Summary					
Fluid	To well (m³)	From well (m³)	To lease (m³)	From lease (m³)	
	0.00	0.00	0.00	0.00	0.00
Other	0.00	0.00	0.00	0.00	0.00

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 47, Report Date: 3/6/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.						
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012						
Cut/Fill (m)	0.0	Ground Elv. (m)	178.00	KB Elevation (m)	183.20	KB to Gnd (m)	5.20	KB-CF (m)	5.47	KB-TH (m)	5.00	TD All (TVD) (mKB)	Original Hole - 1,340.79	PBTD (All) (mKB)	Original Hole - 1,317.00

**Safety Checks**

Time	Des	Type	Com
06:30	Safety / Hazard Assesment Meeting	Safety Meeting	Held Safety Meeting as per Husky and NEB regulations, topics discussed were : Move off Service rig & equipment , Swabbing fresh water , working with steam Use spotters when backing on Husky well sites, Cold working conditions , Slips Trips and Falls, Pinch points , Tag lines, Working @ hieghts , Over head loads, covered ERP , High pressure lines , Good communication , Incident Reporting , Zero Spills , Working together / Buddy system , Muster areas , Inspection of Equipment prior to use.
18:30	Safety / Hazard Assesment Meeting	Safety Meeting	Held Safety Meeting as per Husky and NEB regulations, topics discussed were : Swabbing fresh water , working with steam Use spotters when backing on Husky well sites, Cold working conditions , Slips Trips and Falls, Pinch points , Over head loads, covered ERP , High pressure lines , Good communication , Incident Reporting , Zero Spills , Working together / Buddy system , Muster areas , Inspection of Equipment prior to use.

**Logs**

Date	Type	Top (mKB)	Btm (mKB)	Cased?

**Perforations**

Date	Pool	Top (mKB)	Btm (mKB)	Current Status

**<typ> on <dttm>**

Date	Pool	Type		Stim/Treat Company
Stg #	Stage Type	Top (mKB)	Btm (mKB)	Vol Clean Pump (m³)

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 48, Report Date: 3/7/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.		
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012		
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79		PBTD (All) (mKB) Original Hole - 1,317.00			
Primary Wellbore Affected Original Hole, 300H64650012600		Primary Job Type Initial Completion		Secondary Job Type Other		Final Status		Spud Date		Target Formation Canol	
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.									End Date 8/5/2013		
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 2/18/2013					
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 3/6/2013					
Weather mainly sunny/breezy		Temperature (°C) -34	Road Condition Icy/Snow covered			Tubing Pressure (kPa) 0		Casing Pressure (kPa) 0		Rig Time (hr) 24.00	
Operations Summary Swab / Flow well as directed											
Operations Next Report Period Swab / Flow well as directed											
Job Contact		Title		Type					Mobile		
Gerry Sillito		CP Mgr (West)							403-542-1119		
John Butala		CP Superintendent		Office					403-651-4913		
Gerald Perreault		Safety Advisor							403-993-8420		
Mike Periard		CP Field Super		Well Site Supervisor					780-926-0118		
Rob DeWolfe		CP Field Super		Well Site Supervisor					403-598-6050		
<b>Personnel Log</b>											
Company						Count			Tot Work Time (hr)		
CENS Oilwell Consulting Ltd.						1			12.00		
Pajak Engineering Ltd.						1			12.00		
Exlogs Sahtu Ltd.						1			12.00		
Mi Swaco						6			72.00		
Nabors Production Services - Calgary						2			24.00		
Hodgsons Contracting (2005) Inc.						1			12.00		
Hodgsons Contracting (2005) Inc.						4			48.00		
<b>Time Log</b>											
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com						
00:00	06:30	6.50	SWAB	Swabbing (includes swab test)	Swab / Flow well as directed						
06:30	06:30	0.00	BRKTM	Coffee Break	Crews had appropriate Coffee , Lunch , Warm-up breaks throughout the day.						
06:30	07:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Safety/Hazard meeting as per Husky Energy and NEB regulations with all personal working on location Day crew.						
07:00	18:30	11.50	SWAB	Swabbing (includes swab test)	Swab / Flow well as directed						
18:30	18:30	0.00	BRKTM	Lunch Break	Crews had appropriate Coffee , Lunch , Warm-up breaks throughout the day.						
18:30	19:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Safety/Hazard meeting as per Husky Energy and NEB regulations with all personal working on location Night crew.						
19:00	00:00	5.00	SWAB	Swabbing (includes swab test)	Swab / Flow well as directed						
<b>Report Fluids Summary</b>											
Fluid		To well (m³)		From well (m³)		To lease (m³)		From lease (m³)			
		0.00		0.00		0.00		0.00			
Other		0.00		0.00		0.00		0.00			

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 48, Report Date: 3/7/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased				Well Status Date 2/17/2012
Cut/Fill (m)	Ground Elv. (m)	KB Elevation (m)	KB to Gnd (m)	KB-CF (m)	KB-TH (m)	TD All (TVD) (mKB)	TD All (TVD) (mKB)	TD All (TVD) (mKB)	TD All (TVD) (mKB)	PBTD (All) (mKB)
0.0	178.00	183.20	5.20	5.47	5.00	Original Hole - 1,340.79	Original Hole - 1,340.79	Original Hole - 1,340.79	Original Hole - 1,340.79	Original Hole - 1,340.79

**Safety Checks**

Time	Des	Type	Com
06:30	Safety / Hazard Assesment Meeting	Safety Meeting	Held Safety Meeting as per Husky and NEB regulations, topics discussed were : Swabbing fresh water , working with steam Use spotters when backing on Husky well sites, Cold working conditions , Slips Trips and Falls, Pinch points , Over head loads, covered ERP , High pressure lines , Good communication , Incident Reporting , Zero Spills , Working together / Buddy system , Muster areas , Inspection of Equipment prior to use.
18:30	Safety / Hazard Assesment Meeting	Safety Meeting	Held Safety Meeting as per Husky and NEB regulations, topics discussed were : Swabbing fresh water , working with steam Use spotters when backing on Husky well sites, Cold working conditions , Slips Trips and Falls, Pinch points , Over head loads, covered ERP , High pressure lines , Good communication , Incident Reporting , Zero Spills , Working together / Buddy system , Muster areas , Inspection of Equipment prior to use.

**Logs**

Date	Type	Top (mKB)	Btm (mKB)	Cased?

**Perforations**

Date	Pool	Top (mKB)	Btm (mKB)	Current Status

**<typ> on <dttm>**

Date	Pool	Type	Stim/Treat Company

Stg #	Stage Type	Top (mKB)	Btm (mKB)	Vol Clean Pump (m³)

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 49, Report Date: 3/8/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79		PBTD (All) (mKB) Original Hole - 1,317.00		
Primary Wellbore Affected Original Hole, 300H64650012600		Primary Job Type Initial Completion	Secondary Job Type Other	Final Status		Spud Date		Target Formation Canol		
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.								End Date 8/5/2013		
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 2/18/2013				
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 3/6/2013				
Weather mainly sunny/breezy		Temperature (°C) -28	Road Condition Icy/Snow covered			Tubing Pressure (kPa) 0	Casing Pressure (kPa) 0	Rig Time (hr) 24.00		
Operations Summary Swab / Flow well as directed										
Operations Next Report Period Swab / Flow well as directed										
Job Contact		Title		Type				Mobile		
Gerry Sillito		CP Mgr (West)		Office				403-542-1119		
John Butala		CP Superintendent						403-651-4913		
Gerald Perreault		Safety Advisor						403-993-8420		
Mike Periard		CP Field Super		Well Site Supervisor				780-926-0118		
Rob DeWolfe		CP Field Super		Well Site Supervisor				403-598-6050		
Personnel Log										
Company					Count			Tot Work Time (hr)		
CENS Oilwell Consulting Ltd.					1			12.00		
Pajak Engineering Ltd.					1			12.00		
Exlogs Sahtu Ltd.					1			12.00		
Mi Swaco					6			72.00		
Nabors Production Services - Calgary					2			24.00		
Hodgsons Contracting (2005) Inc.					1			1.00		
Time Log										
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com					
00:00	06:30	6.50	SWAB	Swabbing (includes swab test)	Swab / Flow well as directed					
06:30	06:30	0.00	BRKTM	Coffee Break	Crews had appropriate Coffee , Lunch , Warm-up breaks throughout the day.					
06:30	07:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Safety/Hazard meeting as per Husky Energy and NEB regulations with all personal working on location Day crew.					
07:00	18:30	11.50	SWAB	Swabbing (includes swab test)	Swab / Flow well as directed					
18:30	18:30	0.00	BRKTM	Lunch Break	Crews had appropriate Coffee , Lunch , Warm-up breaks throughout the day.					
18:30	19:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Safety/Hazard meeting as per Husky Energy and NEB regulations with all personal working on location night crew.					
19:00	00:00	5.00	SWAB	Swabbing (includes swab test)	Swab / Flow well as directed					
Report Fluids Summary										
Fluid		To well (m³)		From well (m³)		To lease (m³)		From lease (m³)		
		0.00		0.00		0.00		0.00		
Other		0.00		0.00		0.00		0.00		

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 49, Report Date: 3/8/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased				Well Status Date 2/17/2012
Cut/Fill (m)	Ground Elv. (m)	KB Elevation (m)	KB to Gnd (m)	KB-CF (m)	KB-TH (m)	TD All (TVD) (mKB)	TD All (TVD) (mKB)	TD All (TVD) (mKB)	TD All (TVD) (mKB)	PBTD (All) (mKB)
0.0	178.00	183.20	5.20	5.47	5.00	Original Hole - 1,340.79	Original Hole - 1,340.79	Original Hole - 1,340.79	Original Hole - 1,340.79	Original Hole - 1,340.79

**Safety Checks**

Time	Des	Type	Com
06:30	Safety / Hazard Assesment Meeting	Safety Meeting	Held Safety Meeting as per Husky and NEB regulations, topics discussed were : Swabbing fresh water , working with steam Use spotters when backing on Husky well sites, Cold working conditions , Slips Trips and Falls, Pinch points , Over head loads, covered ERP , High pressure lines , Good communication , Incident Reporting , Zero Spills , Working together / Buddy system , Muster areas , Inspection of Equipment prior to use.
18:30	Safety / Hazard Assesment Meeting	Safety Meeting	Held Safety Meeting as per Husky and NEB regulations, topics discussed were : Swabbing fresh water , working with steam Use spotters when backing on Husky well sites, Cold working conditions , Slips Trips and Falls, Pinch points , Over head loads, covered ERP , High pressure lines , Good communication , Incident Reporting , Zero Spills , Working together / Buddy system , Muster areas , Inspection of Equipment prior to use.

**Logs**

Date	Type	Top (mKB)	Btm (mKB)	Cased?

**Perforations**

Date	Pool	Top (mKB)	Btm (mKB)	Current Status

**<typ> on <dttm>**

Date	Pool	Type	Stim/Treat Company

Stg #	Stage Type	Top (mKB)	Btm (mKB)	Vol Clean Pump (m³)

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 50, Report Date: 3/9/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79		PBTD (All) (mKB) Original Hole - 1,317.00		
Primary Wellbore Affected Original Hole, 300H64650012600		Primary Job Type Initial Completion	Secondary Job Type Other	Final Status		Spud Date		Target Formation Canol		
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.								End Date 8/5/2013		
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 2/18/2013				
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 3/6/2013				
Weather snow/windy		Temperature (°C) -22	Road Condition Icy/Snow covered			Tubing Pressure (kPa) 0	Casing Pressure (kPa) 0	Rig Time (hr) 24.00		
Operations Summary Swab / Flow well as directed										
Operations Next Report Period Swab / Flow well as directed										
Job Contact		Title		Type				Mobile		
Gerry Sillito		CP Mgr (West)						403-542-1119		
John Butala		CP Superintendent		Office				403-651-4913		
Gerald Perreault		Safety Advisor						403-993-8420		
Mike Periard		CP Field Super		Well Site Supervisor				780-926-0118		
Rob DeWolfe		CP Field Super		Well Site Supervisor				403-598-6050		
Personnel Log										
Company					Count			Tot Work Time (hr)		
CENS Oilwell Consulting Ltd.					1			12.00		
Pajak Engineering Ltd.					1			12.00		
Exlogs Sahtu Ltd.					1			12.00		
Mi Swaco					6			72.00		
Nabors Production Services - Calgary					2			24.00		
Hodgsons Contracting (2005) Inc.					1			1.00		
Time Log										
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com					
00:00	06:30	6.50	SWAB	Swabbing (includes swab test)	Swab / Flow well as directed					
06:30	06:30	0.00	BRKTM	Lunch Break	Crews had appropriate Coffee , Lunch , Warm-up breaks throughout the day.					
06:30	07:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Safety/Hazard meeting as per Husky Energy and NEB regulations with all personal working on location Day crew.					
07:00	18:30	11.50	SWAB	Swabbing (includes swab test)	Swab / Flow well as directed					
18:30	18:30	0.00	BRKTM	Lunch Break	Crews had appropriate Coffee , Lunch , Warm-up breaks throughout the day.					
18:30	19:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Safety/Hazard meeting as per Husky Energy and NEB regulations with all personal working on location night crew.					
19:00	00:00	5.00	SWAB	Swabbing (includes swab test)	Swab / Flow well as directed					
Report Fluids Summary										
Fluid		To well (m³)		From well (m³)		To lease (m³)		From lease (m³)		
		0.00		0.00		0.00		0.00		
Other		0.00		0.00		0.00		0.00		

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 50, Report Date: 3/9/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.		
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased				Well Status Date 2/17/2012	
Cut/Fill (m)	0.0	Ground Elv. (m)	178.00	KB Elevation (m)	183.20	KB to Gnd (m)	5.20	KB-CF (m)	5.47	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00

**Safety Checks**

Time	Des	Type	Com
06:30	Safety / Hazard Assesment Meeting	Safety Meeting	Held Safety Meeting as per Husky and NEB regulations, topics discussed were : Swabbing fresh water , working with steam Use spotters when backing on Husky well sites, Cold working conditions , Slips Trips and Falls, Pinch points , Over head loads, covered ERP , High pressure lines , Good communication , Incident Reporting , Zero Spills , Working together / Buddy system , Muster areas , Inspection of Equipment prior to use.
18:30	Safety / Hazard Assesment Meeting	Safety Meeting	Held Safety Meeting as per Husky and NEB regulations, topics discussed were : Swabbing fresh water , working with steam Use spotters when backing on Husky well sites, Cold working conditions , Slips Trips and Falls, Pinch points , Over head loads, covered ERP , High pressure lines , Good communication , Incident Reporting , Zero Spills , Working together / Buddy system , Muster areas , Inspection of Equipment prior to use.

**Logs**

Date	Type	Top (mKB)	Btm (mKB)	Cased?

**Perforations**

Date	Pool	Top (mKB)	Btm (mKB)	Current Status

**<typ> on <dttm>**

Date	Pool	Type	Stim/Treat Company	
Stg #	Stage Type	Top (mKB)	Btm (mKB)	Vol Clean Pump (m³)

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 51, Report Date: 3/10/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79		PBTD (All) (mKB) Original Hole - 1,317.00		
Primary Wellbore Affected Original Hole, 300H64650012600		Primary Job Type Initial Completion	Secondary Job Type Other	Final Status		Spud Date		Target Formation Canol		
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.								End Date 8/5/2013		
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 2/18/2013				
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 3/6/2013				
Weather snow/breezy		Temperature (°C) -13	Road Condition Icy/Snow covered			Tubing Pressure (kPa) 0	Casing Pressure (kPa) 0	Rig Time (hr) 24.00		
Operations Summary Swab / Flow well as directed										
Operations Next Report Period Swab / Flow well as directed										
Job Contact		Title		Type				Mobile		
Gerry Sillito		CP Mgr (West)		Office				403-542-1119		
John Butala		CP Superintendent						403-651-4913		
Gerald Perreault		Safety Advisor						403-993-8420		
Mike Periard		CP Field Super		Well Site Supervisor				780-926-0118		
Rob DeWolfe		CP Field Super		Well Site Supervisor				403-598-6050		
Personnel Log										
Company					Count			Tot Work Time (hr)		
CENS Oilwell Consulting Ltd.					1			12.00		
Pajak Engineering Ltd.					1			12.00		
Exlogs Sahtu Ltd.					1			12.00		
Mi Swaco					6			72.00		
Nabors Production Services - Calgary					2			24.00		
Hodgsons Contracting (2005) Inc.					1			1.00		
Time Log										
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com					
00:00	06:30	6.50	SWAB	Swabbing (includes swab test)	Swab / Flow well as directed					
06:30	06:30	0.00	BRKTM	Coffee Break	Crews had appropriate Coffee , Lunch , Warm-up breaks throughout the day.					
06:30	07:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Safety/Hazard meeting as per Husky Energy and NEB regulations with all personal working on location Day crew.					
07:00	18:30	11.50	SWAB	Swabbing (includes swab test)	Swab / Flow well as directed					
18:30	18:30	0.00	BRKTM	Lunch Break	Crews had appropriate Coffee , Lunch , Warm-up breaks throughout the day.					
18:30	19:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Safety/Hazard meeting as per Husky Energy and NEB regulations with all personal working on location night crew.					
19:00	00:00	5.00	SWAB	Swabbing (includes swab test)	Swab / Flow well as directed					
Report Fluids Summary										
Fluid		To well (m³)		From well (m³)		To lease (m³)		From lease (m³)		
		0.00		0.00		0.00		0.00		
Other		0.00		0.00		0.00		0.00		

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 51, Report Date: 3/10/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased				Well Status Date 2/17/2012
Cut/Fill (m)	Ground Elv. (m)	KB Elevation (m)	KB to Gnd (m)	KB-CF (m)	KB-TH (m)	TD All (TVD) (mKB)	TD All (TVD) (mKB)	TD All (TVD) (mKB)	TD All (TVD) (mKB)	PBTD (All) (mKB)
0.0	178.00	183.20	5.20	5.47	5.00	Original Hole - 1,340.79	Original Hole - 1,340.79	Original Hole - 1,340.79	Original Hole - 1,340.79	Original Hole - 1,340.79

**Safety Checks**

Time	Des	Type	Com
06:30	Safety / Hazard Assesment Meeting	Safety Meeting	Held Safety Meeting as per Husky and NEB regulations, topics discussed were : Swabbing fresh water , working with steam Use spotters when backing on Husky well sites, Cold working conditions , Slips Trips and Falls, Pinch points , Over head loads, covered ERP , High pressure lines , Good communication , Incident Reporting , Zero Spills , Working together / Buddy system , Muster areas , Inspection of Equipment prior to use.
18:30	Safety / Hazard Assesment Meeting	Safety Meeting	Held Safety Meeting as per Husky and NEB regulations, topics discussed were : Swabbing fresh water , working with steam Use spotters when backing on Husky well sites, Cold working conditions , Slips Trips and Falls, Pinch points , Over head loads, covered ERP , High pressure lines , Good communication , Incident Reporting , Zero Spills , Working together / Buddy system , Muster areas , Inspection of Equipment prior to use.

**Logs**

Date	Type	Top (mKB)	Btm (mKB)	Cased?

**Perforations**

Date	Pool	Top (mKB)	Btm (mKB)	Current Status

**<typ> on <dttm>**

Date	Pool	Type	Stim/Treat Company

Stg #	Stage Type	Top (mKB)	Btm (mKB)	Vol Clean Pump (m³)

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 52, Report Date: 3/11/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79		PBT (All) (mKB) Original Hole - 1,317.00		
Primary Wellbore Affected Original Hole, 300H64650012600		Primary Job Type Initial Completion	Secondary Job Type Other	Final Status		Spud Date		Target Formation Canol		
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.								End Date 8/5/2013		
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 2/18/2013				
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 3/6/2013				
Weather windy/ snow periods/sunny afternoon		Temperature (°C) -19	Road Condition Icy/Snow covered			Tubing Pressure (kPa) 0	Casing Pressure (kPa) 0	Rig Time (hr) 24.00		
Operations Summary Swab / Flow well as directed										
Operations Next Report Period Swab / Flow well as directed										
Job Contact		Title		Type				Mobile		
Gerry Sillito		CP Mgr (West)						403-542-1119		
John Butala		CP Superintendent		Office				403-651-4913		
Gerald Perreault		Safety Advisor						403-993-8420		
Mike Periard		CP Field Super		Well Site Supervisor				780-926-0118		
Rob DeWolfe		CP Field Super		Well Site Supervisor				403-598-6050		
Personnel Log										
Company					Count			Tot Work Time (hr)		
CENS Oilwell Consulting Ltd.					1			12.00		
Pajak Engineering Ltd.					1			12.00		
Exlogs Sahtu Ltd.					1			12.00		
Mi Swaco					6			72.00		
Nabors Production Services - Calgary					2			24.00		
Hodgsons Contracting (2005) Inc.					1			1.00		
Time Log										
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com					
00:00	06:30	6.50	SWAB	Swabbing (includes swab test)	Swab / Flow well as directed					
06:30	06:30	0.00	BRKTM	Coffee Break	Crews had appropriate Coffee , Lunch , Warm-up breaks throughout the day.					
06:30	07:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Safety/Hazard meeting as per Husky Energy and NEB regulations with all personal working on location Day crew.					
07:00	18:30	11.50	SWAB	Swabbing (includes swab test)	Swab / Flow well as directed					
18:30	18:30	0.00	BRKTM	Lunch Break	Crews had appropriate Coffee , Lunch , Warm-up breaks throughout the day.					
18:30	19:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Safety/Hazard meeting as per Husky Energy and NEB regulations with all personal working on location night crew.					
19:00	00:00	5.00	SWAB	Swabbing (includes swab test)	Swab / Flow well as directed					
Report Fluids Summary										
Fluid		To well (m³)		From well (m³)		To lease (m³)		From lease (m³)		
		0.00		0.00		0.00		0.00		
Other		0.00		0.00		0.00		0.00		

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 52, Report Date: 3/11/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m)	Ground Elv. (m)	KB Elevation (m)	KB to Gnd (m)	KB-CF (m)	KB-TH (m)	TD All (TVD) (mKB)	Original Hole - 1,340.79	PBTD (All) (mKB)	Original Hole - 1,317.00	
0.0	178.00	183.20	5.20	5.47	5.00					

**Safety Checks**

Time	Des	Type	Com
06:30	Safety / Hazard Assesment Meeting	Safety Meeting	Held Safety Meeting as per Husky and NEB regulations, topics discussed were : Swabbing fresh water, working with steam Use spotters when backing on Husky well sites, Cold working conditions, Slips Trips and Falls, Pinch points , Over head loads, covered ERP, High pressure lines, Good communication, Incident Reporting, Zero Spills, Working together / Buddy system, Muster areas, Inspection of Equipment prior to use.
18:30	Safety / Hazard Assesment Meeting	Safety Meeting	Held Safety Meeting as per Husky and NEB regulations, topics discussed were : Swabbing fresh water, working with steam Use spotters when backing on Husky well sites, Cold working conditions, Slips Trips and Falls, Pinch points , Over head loads, covered ERP, High pressure lines, Good communication, Incident Reporting, Zero Spills, Working together / Buddy system, Muster areas, Inspection of Equipment prior to use.

**Logs**

Date	Type	Top (mKB)	Btm (mKB)	Cased?

**Perforations**

Date	Pool	Top (mKB)	Btm (mKB)	Current Status

**<typ> on <dttm>**

Date	Pool	Type	Stim/Treat Company

Stg #	Stage Type	Top (mKB)	Btm (mKB)	Vol Clean Pump (m³)

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 53, Report Date: 3/12/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00			
Primary Wellbore Affected Original Hole, 300H64650012600		Primary Job Type Initial Completion		Secondary Job Type Other		Final Status		Spud Date		Target Formation Canol
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.								End Date 8/5/2013		
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 2/18/2013				
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 3/6/2013				
Weather windy/light snow		Temperature (°C) -23	Road Condition Icy/Snow covered			Tubing Pressure (kPa) 0	Casing Pressure (kPa) 0	Rig Time (hr) 24.00		
Operations Summary Swab / Flow well as directed										
Operations Next Report Period Swab / Flow well as directed										
Job Contact		Title		Type				Mobile		
Gerry Sillito		CP Mgr (West)						403-542-1119		
John Butala		CP Superintendent		Office				403-651-4913		
Gerald Perreault		Safety Advisor						403-993-8420		
Mike Periard		CP Field Super		Well Site Supervisor				780-926-0118		
Rob DeWolfe		CP Field Super		Well Site Supervisor				403-598-6050		
Byron Baxter		CP Field Super		Well Site Supervisor				780-545-7280		
Personnel Log										
Company							Count	Tot Work Time (hr)		
CENS Oilwell Consulting Ltd.							1	12.00		
Pajak Engineering Ltd.							1	12.00		
Sure Flow Consulting Services (1992) Inc.							1	12.00		
Exlogs Sahtu Ltd.							1	12.00		
Mi Swaco							6	72.00		
Nabors Production Services - Calgary							2	24.00		
Hodgsons Contracting (2005) Inc.							1	1.00		
Time Log										
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com					
00:00	06:30	6.50	SWAB	Swabbing (includes swab test)	Swab / Flow well as directed					
06:30	06:30	0.00	BRKTM	Coffee Break	Crews had appropriate Coffee , Lunch , Warm-up breaks throughout the day.					
06:30	07:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Safety/Hazard meeting as per Husky Energy and NEB regulations with all personal working on location Day crew.					
07:00	18:30	11.50	SWAB	Swabbing (includes swab test)	Swab / Flow well as directed					
18:30	18:30	0.00	BRKTM	Lunch Break	Crews had appropriate Coffee , Lunch , Warm-up breaks throughout the day.					
18:30	19:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Safety/Hazard meeting as per Husky Energy and NEB regulations with all personal working on location night crew.					
19:00	00:00	5.00	SWAB	Swabbing (includes swab test)	Swab / Flow well as directed					
Report Fluids Summary										
Fluid		To well (m³)		From well (m³)		To lease (m³)		From lease (m³)		
		0.00		0.00		0.00		0.00		
Other		0.00		0.00		0.00		0.00		

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 53, Report Date: 3/12/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m)	Ground Elv. (m)	KB Elevation (m)	KB to Gnd (m)	KB-CF (m)	KB-TH (m)	TD All (TVD) (mKB)	Original Hole - 1,340.79	PBTD (All) (mKB)	Original Hole - 1,317.00	
0.0	178.00	183.20	5.20	5.47	5.00					

**Safety Checks**

Time	Des	Type	Com
06:30	Safety / Hazard Assesment Meeting	Safety Meeting	Held Safety Meeting as per Husky and NEB regulations, topics discussed were : Swabbing fresh water, working with steam Use spotters when backing on Husky well sites, Cold working conditions, Slips Trips and Falls, Pinch points , Over head loads, covered ERP, High pressure lines, Good communication, Incident Reporting, Zero Spills, Working together / Buddy system, Muster areas, Inspection of Equipment prior to use.
18:30	Safety / Hazard Assesment Meeting	Safety Meeting	Held Safety Meeting as per Husky and NEB regulations, topics discussed were : Swabbing fresh water, working with steam Use spotters when backing on Husky well sites, Cold working conditions, Slips Trips and Falls, Pinch points , Over head loads, covered ERP, High pressure lines, Good communication, Incident Reporting, Zero Spills, Working together / Buddy system, Muster areas, Inspection of Equipment prior to use.

**Logs**

Date	Type	Top (mKB)	Btm (mKB)	Cased?

**Perforations**

Date	Pool	Top (mKB)	Btm (mKB)	Current Status

**<typ> on <dttm>**

Date	Pool	Type	Stim/Treat Company

Stg #	Stage Type	Top (mKB)	Btm (mKB)	Vol Clean Pump (m³)

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 54, Report Date: 3/13/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79		PBTD (All) (mKB) Original Hole - 1,317.00		
Primary Wellbore Affected Original Hole, 300H64650012600		Primary Job Type Initial Completion	Secondary Job Type Other	Final Status		Spud Date		Target Formation Canol		
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.								End Date 8/5/2013		
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 2/18/2013				
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 3/6/2013				
Weather windy/light snow		Temperature (°C) -27	Road Condition Icy/Snow covered			Tubing Pressure (kPa) 0	Casing Pressure (kPa) 0	Rig Time (hr) 24.00		
Operations Summary Swab / Flow well as directed										
Operations Next Report Period Swab / Flow well as directed										
Job Contact		Title		Type				Mobile		
Gerry Sillito		CP Mgr (West)		Office				403-542-1119		
John Butala		CP Superintendent						403-651-4913		
Gerald Perreault		Safety Advisor						403-993-8420		
Mike Periard		CP Field Super		Well Site Supervisor				780-926-0118		
Rob DeWolfe		CP Field Super		Well Site Supervisor				403-598-6050		
Byron Baxter		CP Field Super		Well Site Supervisor				780-545-7280		
Personnel Log										
Company						Count		Tot Work Time (hr)		
CENS Oilwell Consulting Ltd.						1		12.00		
Sure Flow Consulting Services (1992) Inc.						1		12.00		
Exlogs Sahtu Ltd.						1		12.00		
Mi Swaco						6		72.00		
Nabors Production Services - Calgary						2		24.00		
Hodgsons Contracting (2005) Inc.						1		1.00		
Time Log										
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com					
00:00	06:30	6.50	SWAB	Swabbing (includes swab test)	Swab / Flow well as directed					
06:30	06:30	0.00	BRKTM	Coffee Break	Crews had appropriate Coffee , Lunch , Warm-up breaks throughout the day.					
06:30	07:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Safety/Hazard meeting as per Husky Energy and NEB regulations with all personal working on location Day crew.					
07:00	18:30	11.50	SWAB	Swabbing (includes swab test)	Swab / Flow well as directed					
18:30	18:30	0.00	BRKTM	Lunch Break	Crews had appropriate Coffee , Lunch , Warm-up breaks throughout the day.					
18:30	19:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Safety/Hazard meeting as per Husky Energy and NEB regulations with all personal working on location Day crew.					
19:00	00:00	5.00	SWAB	Swabbing (includes swab test)	Swab / Flow well as directed					
Report Fluids Summary										
Fluid		To well (m³)		From well (m³)		To lease (m³)		From lease (m³)		
		0.00		0.00		0.00		0.00		
Other		0.00		0.00		0.00		0.00		

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 54, Report Date: 3/13/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m)	Ground Elv. (m)	KB Elevation (m)	KB to Gnd (m)	KB-CF (m)	KB-TH (m)	TD All (TVD) (mKB)	Original Hole - 1,340.79	PBTD (All) (mKB)	Original Hole - 1,317.00	
0.0	178.00	183.20	5.20	5.47	5.00					

**Safety Checks**

Time	Des	Type	Com
06:30	Safety / Hazard Assesment Meeting	Safety Meeting	Held Safety Meeting as per Husky and NEB regulations, topics discussed were : Swabbing fresh water, working with steam Use spotters when backing on Husky well sites, Cold working conditions, Slips Trips and Falls, Pinch points , Over head loads, covered ERP, High pressure lines, Good communication, Incident Reporting, Zero Spills, Working together / Buddy system, Muster areas, Inspection of Equipment prior to use.
18:30	Safety / Hazard Assesment Meeting	Safety Meeting	Held Safety Meeting as per Husky and NEB regulations, topics discussed were : Swabbing fresh water, working with steam Use spotters when backing on Husky well sites, Cold working conditions, Slips Trips and Falls, Pinch points , Over head loads, covered ERP, High pressure lines, Good communication, Incident Reporting, Zero Spills, Working together / Buddy system, Muster areas, Inspection of Equipment prior to use.

**Logs**

Date	Type	Top (mKB)	Btm (mKB)	Cased?

**Perforations**

Date	Pool	Top (mKB)	Btm (mKB)	Current Status

**<typ> on <dttm>**

Date	Pool	Type	Stim/Treat Company

Stg #	Stage Type	Top (mKB)	Btm (mKB)	Vol Clean Pump (m³)

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 55, Report Date: 3/14/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79		PBTD (All) (mKB) Original Hole - 1,317.00		
Primary Wellbore Affected Original Hole, 300H64650012600		Primary Job Type Initial Completion	Secondary Job Type Other	Final Status		Spud Date		Target Formation Canol		
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.								End Date 8/5/2013		
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 2/18/2013				
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 3/6/2013				
Weather Clear		Temperature (°C) -37	Road Condition Icy/Snow covered			Tubing Pressure (kPa) 0	Casing Pressure (kPa) 0	Rig Time (hr) 24.00		
Operations Summary Swab / Flow well as directed										
Operations Next Report Period Swab / Flow well as directed										
Job Contact		Title		Type				Mobile		
Gerry Sillito		CP Mgr (West)						403-542-1119		
John Butala		CP Superintendent		Office				403-651-4913		
Gerald Perreault		Safety Advisor						403-993-8420		
Mike Periard		CP Field Super		Well Site Supervisor				780-926-0118		
Byron Baxter		CP Field Super		Well Site Supervisor				780-545-7280		
Personnel Log										
Company					Count			Tot Work Time (hr)		
CENS Oilwell Consulting Ltd.					1			12.00		
Sure Flow Consulting Services (1992) Inc.					1			12.00		
Exlogs Sahtu Ltd.					1			12.00		
Mi Swaco					6			72.00		
Nabors Production Services - Calgary					2			24.00		
Hodgsons Contracting (2005) Inc.					1			1.00		
Time Log										
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com					
00:00	06:30	6.50	SWAB	Swabbing (includes swab test)	Swab / Flow well as directed					
06:30	06:30	0.00	BRKTM	Coffee Break	Crews had appropriate Coffee , Lunch , Warm-up breaks throughout the day.					
06:30	07:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Safety/Hazard meeting as per Husky Energy and NEB regulations with all personal working on location Day crew.					
07:00	18:30	11.50	SWAB	Swabbing (includes swab test)	Swab / Flow well as directed					
18:30	18:30	0.00	BRKTM	Lunch Break	Crews had appropriate Coffee , Lunch , Warm-up breaks throughout the day.					
18:30	19:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Safety/Hazard meeting as per Husky Energy and NEB regulations with all personal working on location night crew.					
19:00	00:00	5.00	SWAB	Swabbing (includes swab test)	Swab / Flow well as directed					
Report Fluids Summary										
Fluid		To well (m³)		From well (m³)		To lease (m³)		From lease (m³)		
		0.00		0.00		0.00		0.00		
Other		0.00		0.00		0.00		0.00		

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 55, Report Date: 3/14/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m)	Ground Elv. (m)	KB Elevation (m)	KB to Gnd (m)	KB-CF (m)	KB-TH (m)	TD All (TVD) (mKB)	Original Hole - 1,340.79	PBTD (All) (mKB)	Original Hole - 1,317.00	
0.0	178.00	183.20	5.20	5.47	5.00					

**Safety Checks**

Time	Des	Type	Com
06:30	Safety / Hazard Assesment Meeting	Safety Meeting	Held Safety Meeting as per Husky and NEB regulations, topics discussed were : Swabbing fresh water, working with steam Use spotters when backing on Husky well sites, Cold working conditions, Slips Trips and Falls, Pinch points , Over head loads, covered ERP, High pressure lines, Good communication, Incident Reporting, Zero Spills, Working together / Buddy system, Muster areas, Inspection of Equipment prior to use.
18:30	Safety / Hazard Assesment Meeting	Safety Meeting	Held Safety Meeting as per Husky and NEB regulations, topics discussed were : Swabbing fresh water, working with steam Use spotters when backing on Husky well sites, Cold working conditions, Slips Trips and Falls, Pinch points , Over head loads, covered ERP, High pressure lines, Good communication, Incident Reporting, Zero Spills, Working together / Buddy system, Muster areas, Inspection of Equipment prior to use.

**Logs**

Date	Type	Top (mKB)	Btm (mKB)	Cased?

**Perforations**

Date	Pool	Top (mKB)	Btm (mKB)	Current Status

**<typ> on <dttm>**

Date	Pool	Type	Stim/Treat Company

Stg #	Stage Type	Top (mKB)	Btm (mKB)	Vol Clean Pump (m³)

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 56, Report Date: 3/15/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79		PBTD (All) (mKB) Original Hole - 1,317.00		
Primary Wellbore Affected Original Hole, 300H64650012600		Primary Job Type Initial Completion	Secondary Job Type Other	Final Status		Spud Date		Target Formation Canol		
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.								End Date 8/5/2013		
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 2/18/2013				
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 3/6/2013				
Weather Clear		Temperature (°C) -36	Road Condition Icy/Snow covered			Tubing Pressure (kPa) 0	Casing Pressure (kPa) 0	Rig Time (hr) 24.00		
Operations Summary Swab / Flow well as directed										
Operations Next Report Period Swab / Flow well as directed										
Job Contact		Title		Type				Mobile		
Gerry Sillito		CP Mgr (West)						403-542-1119		
John Butala		CP Superintendent		Office				403-651-4913		
Gerald Perreault		Safety Advisor						403-993-8420		
Mike Periard		CP Field Super		Well Site Supervisor				780-926-0118		
Byron Baxter		CP Field Super		Well Site Supervisor				780-545-7280		
Personnel Log										
Company					Count			Tot Work Time (hr)		
CENS Oilwell Consulting Ltd.					1			12.00		
Sure Flow Consulting Services (1992) Inc.					1			12.00		
Exlogs Sahtu Ltd.					1			12.00		
Mi Swaco					6			72.00		
Nabors Production Services - Calgary					2			24.00		
Hodgsons Contracting (2005) Inc.					1			1.00		
Time Log										
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com					
00:00	06:30	6.50	SWAB	Swabbing (includes swab test)	Swab / Flow well as directed					
06:30	06:30	0.00	BRKTM	Coffee Break	Crews had appropriate Coffee , Lunch , Warm-up breaks throughout the day.					
06:30	07:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Safety/Hazard meeting as per Husky Energy and NEB regulations with all personal working on location Day crew.					
07:00	18:30	11.50	SWAB	Swabbing (includes swab test)	Swab / Flow well as directed					
18:30	18:30	0.00	BRKTM	Lunch Break	Crews had appropriate Coffee , Lunch , Warm-up breaks throughout the day.					
18:30	19:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Safety/Hazard meeting as per Husky Energy and NEB regulations with all personal working on location night crew.					
19:00	00:00	5.00	SWAB	Swabbing (includes swab test)	Swab / Flow well as directed					
Report Fluids Summary										
Fluid		To well (m³)		From well (m³)		To lease (m³)		From lease (m³)		
		0.00		0.00		0.00		0.00		
Other								-107.00		

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 56, Report Date: 3/15/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.						
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012						
Cut/Fill (m)	0.0	Ground Elv. (m)	178.00	KB Elevation (m)	183.20	KB to Gnd (m)	5.20	KB-CF (m)	5.47	KB-TH (m)	5.00	TD All (TVD) (mKB)	Original Hole - 1,340.79	PBTD (All) (mKB)	Original Hole - 1,317.00

**Safety Checks**

Time	Des	Type	Com
06:30	Safety / Hazard Assesment Meeting	Safety Meeting	Held Safety Meeting as per Husky and NEB regulations, topics discussed were : Swabbing fresh water, working with steam Use spotters when backing on Husky well sites, Cold working conditions, Slips Trips and Falls, Pinch points , Over head loads, covered ERP, High pressure lines, Good communication, Incident Reporting, Zero Spills, Working together / Buddy system, Muster areas, Inspection of Equipment prior to use.
18:30	Safety / Hazard Assesment Meeting	Safety Meeting	Held Safety Meeting as per Husky and NEB regulations, topics discussed were : Swabbing fresh water, working with steam Use spotters when backing on Husky well sites, Cold working conditions, Slips Trips and Falls, Pinch points , Over head loads, covered ERP, High pressure lines, Good communication, Incident Reporting, Zero Spills, Working together / Buddy system, Muster areas, Inspection of Equipment prior to use.

**Logs**

Date	Type	Top (mKB)	Btm (mKB)	Cased?

**Perforations**

Date	Pool	Top (mKB)	Btm (mKB)	Current Status

**<typ> on <dttm>**

Date	Pool	Type	Stim/Treat Company

Stg #	Stage Type	Top (mKB)	Btm (mKB)	Vol Clean Pump (m³)

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 57, Report Date: 3/16/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.								
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012								
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00										
<b>Primary Wellbore Affected</b> Original Hole, 300H64650012600																	
Primary Job Type Initial Completion		Secondary Job Type Other		Final Status		Spud Date		Target Formation Canol									
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.							End Date 8/5/2013										
Contractor Nabors Production Services	Rig Number 211			Rig Release Date 2/18/2013													
Contractor Nabors Production Services	Rig Number 211			Rig Release Date 3/6/2013													
Weather overcast/snow periods	Temperature (°C) -33	Road Condition Icy/Snow covered			Tubing Pressure (kPa) 0	Casing Pressure (kPa) 0	Rig Time (hr) 15.00										
Operations Summary Swab / Flow well as directed. Rigged out swab rig, testers & boiler. Moved some equipment from location to camp site @ km 24. COMBINATION FOR LOCK ON WELLHEAD ( 5182 ).																	
Operations Next Report Period install & test BPV																	
Job Contact	Title		Type				Mobile										
Gerry Sillito	CP Mgr (West)						403-542-1119										
John Butala	CP Superintendent		Office				403-651-4913										
Gerald Perreault	Safety Advisor						403-993-8420										
Mike Periard	CP Field Super		Well Site Supervisor				780-926-0118										
Byron Baxter	CP Field Super		Well Site Supervisor				780-545-7280										
<b>Personnel Log</b>																	
Company					Count		Tot Work Time (hr)										
CENS Oilwell Consulting Ltd.					1		12.00										
Sure Flow Consulting Services (1992) Inc.					1		12.00										
Exlogs Sahtu Ltd.					1		12.00										
Mi Swaco					2		14.00										
Mi Swaco					3		21.00										
Nabors Production Services - Calgary					2		24.00										
Hodgsons Contracting (2005) Inc.					1		12.00										
Hodgsons Contracting (2005) Inc.					1		5.00										
Hodgsons Contracting (2005) Inc.					2		10.00										
Hodgsons Contracting (2005) Inc.					1		2.00										
<b>Time Log</b>																	
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com												
00:00	06:30	6.50	SWAB	Swabbing (includes swab test)	Swab / Flow well as directed												
06:30	06:30	0.00	BRKTM	Coffee Break	Crews had appropriate Coffee , Lunch , Warm-up breaks throughout the day.												
06:30	07:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Safety/Hazard meeting as per Husky Energy and NEB regulations with all personal working on location Day crew.												
07:00	08:15	1.25	SWAB	Swabbing (includes swab test)	Swab / Flow well as directed												
08:15	15:00	6.75	RIGDOW N	Rig down	Rigged out swab rig. Shut in well for build ups. Rigged out testers. Secured well. Drained & rigged out the boiler.												
15:00	15:00	0.00	RIGREL EASE	Release rig and equipment, job complete.	Released swab rig, testers & boilerman.												
15:00	19:00	4.00	MISC	Miscellaneous operations.	Had trucks move some equipment from location to camp at km 24. ( Line heater, vaporizor, propane tank & pipe skid ). Hauled boiler south. Hauled 2 propane tanks to Norman Wells.												
19:00	00:00	5.00	SDFN	Shut down for night	Inactive. SDFN.												
<b>Report Fluids Summary</b>																	
Fluid		To well (m³)		From well (m³)		To lease (m³)		From lease (m³)									
Other		0.00		0.00		0.00		0.00									

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 57, Report Date: 3/16/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.		
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased				Well Status Date 2/17/2012	
Cut/Fill (m)	0.0	Ground Elv. (m)	178.00	KB Elevation (m)	183.20	KB to Gnd (m)	5.20	KB-CF (m)	5.47	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00

**Safety Checks**

Time	Des	Type	Com
06:30	Safety / Hazard Assesment Meeting	Safety Meeting	Held Safety Meeting as per Husky and NEB regulations, topics discussed were : Swabbing fresh water, working with steam Use spotters when backing on Husky well sites, Cold working conditions, Slips Trips and Falls, Pinch points , Over head loads, covered ERP, High pressure lines, Good communication, Incident Reporting, Zero Spills, Working together / Buddy system, Muster areas, Inspection of Equipment prior to use.

**Logs**

Date	Type	Top (mKB)	Btm (mKB)	Cased?

**Perforations**

Date	Pool	Top (mKB)	Btm (mKB)	Current Status

**<typ> on <dttm>**

Date	Pool	Type	Stim/Treat Company
Stg #	Stage Type	Top (mKB)	Btm (mKB)
			Vol Clean Pump (m³)

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 58, Report Date: 3/17/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.		
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012		
Cut/Fill (m)	0.0	Ground Elv. (m)	178.00	KB Elevation (m)	183.20	KB to Gnd (m)	5.20	KB-CF (m)	5.47	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00

Primary Wellbore Affected Original Hole, 300H64650012600	Primary Job Type Initial Completion	Secondary Job Type Other	Final Status	Spud Date	Target Formation Canol
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.					End Date 8/5/2013

Contractor Nabors Production Services	Rig Number 211	Rig Release Date 2/18/2013				
Contractor Nabors Production Services	Rig Number 211	Rig Release Date 3/6/2013				
Weather Windy & light snow.	Temperature (°C) -31	Road Condition Icy/Snow covered	Tubing Pressure (kPa) 0		Casing Pressure (kPa) 0	Rig Time (hr) 0.00

Operations Summary Rig out Total tank farm & berm, install & pressure test BPV in wellhead, lock wellhead with chain 5182, put up barrier around wellhead.
Operations Next Report Period Haul out equipment. Will be pulling DH recorder and suspending the well in summer 2013.

Job Contact	Title	Type	Mobile
Gerry Sillito	CP Mgr (West)		403-542-1119
John Butala	CP Superintendent	Office	403-651-4913
Gerald Perreault	Safety Advisor		403-993-8420
Mike Periard	CP Field Super	Well Site Supervisor	780-926-0118
Byron Baxter	CP Field Super	Well Site Supervisor	780-545-7280

Personnel Log		Company	Count	Tot Work Time (hr)
CENS Oilwell Consulting Ltd.			1	12.00
Sure Flow Consulting Services (1992) Inc.			1	12.00
Exlogs Sahtu Ltd.			1	12.00
Hodgsons Contracting (2005) Inc.			1	12.00
Stream-Flo Industries Ltd.			3	36.00
Denali Oilfield Services			2	12.00
Total Oilfield Rentals			4	24.00

Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com
00:00	07:30	7.50	SDFN	Shut down for night	No Activity
07:30	08:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Safety/Hazard meeting as per Husky Energy and NEB regulations with Total tank farm crew.
08:00	12:00	4.00	RIGDOWN	Rig down	Total crew removed 7 400bbl tanks, manifold, & matting from tank farm & laid down for transport tomorrow.
12:00	14:30	2.50	WOS	Waiting On Services (Ex: Coil Tubing, TMX Unit)	Wait for ERC crew to arrive.
14:30	15:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Safety/Hazard meeting as per Husky Energy and NEB regulations with ERC wellhead crew.
15:00	17:00	2.00	NUWH	Nipple up wellhead	Rig in lubricator, install BPV, rig out lubricator, pressure test BPV to 35,000kPa for 10 minutes, GOOD.  Install chain & lock on wellhead valves. LOCK COMBINATION IS 5182.  Complete final lease clean up. Return all rental agreements.  All fluid & gas samples shipped to Grand Prairie Core Labs for analysis VIA MI Swaco.
17:00	00:00	7.00	SDFN	Shut down for night	Wellhead is secure, BPV set in tubing hanger, valves are chained, lock combination is 5182, barrier fence is around wellhead.

Report Fluids Summary					
Fluid	To well (m³)	From well (m³)	To lease (m³)	From lease (m³)	
Other	0.00	0.00	0.00	0.00	0.00

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 58, Report Date: 3/17/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00			

**Safety Checks**

Time	Des	Type	Com
07:30	Safety / Hazard Assesment Meeting	Safety Meeting	Safety/Hazard meeting as per Husky Energy and NEB regulations with Total tank farm crew.
14:30	Safety / Hazard Assesment Meeting	Safety Meeting	Safety/Hazard meeting as per Husky Energy and NEB regulations with ERC wellhead crew.

**Logs**

Date	Type	Top (mKB)	Btm (mKB)	Cased?

**Perforations**

Date	Pool	Top (mKB)	Btm (mKB)	Current Status

**<typ> on <dttm>**

Date	Pool	Type	Stim/Treat Company
Stg #	Stage Type	Top (mKB)	Btm (mKB)
			Vol Clean Pump (m³)

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 59, Report Date: 7/29/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.			
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012			
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79		PBTD (All) (mKB) Original Hole - 1,317.00				
Primary Wellbore Affected Original Hole, 300H64650012600		Primary Job Type Initial Completion		Secondary Job Type Other		Final Status		Spud Date		Target Formation Canol		
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.								End Date 8/5/2013				
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 2/18/2013						
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 3/6/2013						
Weather Light Overcast/light rain		Temperature (°C) 25	Road Condition Helicopter accessible only			Tubing Pressure (kPa) 0		Casing Pressure (kPa) 0		Rig Time (hr) 0.00		
Operations Summary Arrive in Slater River Project to complete Slick Line Reverse Gradient and suspend well bore.												
Operations Next Report Period Heli equipment from river staging area to H-64 to spot and rig up												
Job Contact Warren Watson		Title CP Field Super		Type Well Site Supervisor			Mobile 403-793-7755					
<b>Personnel Log</b>												
Company						Count		Tot Work Time (hr)				
Pajak Engineering Ltd.						1		12.00				
Sahtu Oilfield Services Limited						3		36.00				
Stream-Flo Industries Ltd.						2		24.00				
Sahtu Helicopters						1		4.00				
Exlogs Sahtu Ltd.						1		8.00				
<b>Time Log</b>												
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com							
00:00	12:00	12.00	PRODTE ST	Flow or buildup test	Shut in on build up test							
12:00	18:00	6.00	MISC	Miscellaneous operations.	All crew members and field supervisor arrived in Norman Wells completed Slater River orientation, traveled over to helicopter pad, loaded and helied out to Slater River base camp. All crew members and field supervisor completed drug and alcohol testing(all members passed) Boarded heli and traveled to river staging area, Husky Little Bear H-64 site and Husky Little Bear N-09 site to scope out to identify any extra equipment that will be needed to complete the job scope.							
18:00	00:00	6.00	SDFN	Shut down for night								
<b>Report Fluids Summary</b>												
Fluid		To well (m³)		From well (m³)		To lease (m³)		From lease (m³)				
		0.00		0.00		0.00		0.00				
Other		0.00		0.00		0.00		0.00				
<b>Safety Checks</b>												
Time	Des		Type			Com						
<b>Logs</b>												
Date	Type			Top (mKB)			Btm (mKB)			Cased?		
<b>Perforations</b>												
Date	Pool		Top (mKB)			Btm (mKB)			Current Status			
<typ> on <dttm>												
Date	Pool			Type			Stim/Treat Company					
Stg #	Stage Type		Top (mKB)			Btm (mKB)			Vol Clean Pump (m³)			

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 59, Report Date: 7/29/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.							
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012							
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79		PBTD (All) (mKB) Original Hole - 1,317.00								
<b>Other In Hole</b>																
Des			Run Date		OD (mm)		Top (mKB)		Btm (mKB)							
<b>Cement</b>																
Des		Start Date				Cement Comp										

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 60, Report Date: 7/30/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.																																																								
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012																																																								
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00																																																										
Primary Wellbore Affected Original Hole, 300H64650012600		Primary Job Type Initial Completion		Secondary Job Type Other		Final Status		Spud Date		Target Formation Canol																																																							
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.								End Date 8/5/2013																																																									
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 2/18/2013																																																											
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 3/6/2013																																																											
Weather Clear/Morning Rain		Temperature (°C) 22	Road Condition Helicopter accessible only			Tubing Pressure (kPa) 0	Casing Pressure (kPa) 0	Rig Time (hr) 0.00																																																									
Operations Summary Prep and Helicopter equipment from river staging area to location and spot																																																																	
Operations Next Report Period Complete Helicopter equipment to location and set up.																																																																	
Job Contact Warren Watson		Title CP Field Super		Type Well Site Supervisor			Mobile 403-793-7755																																																										
<b>Personnel Log</b> <table border="1"> <thead> <tr> <th colspan="4">Company</th> <th>Count</th> <th colspan="3">Tot Work Time (hr)</th> </tr> </thead> <tbody> <tr> <td colspan="4">Pajak Engineering Ltd.</td> <td>1</td> <td colspan="3">10.00</td> </tr> <tr> <td colspan="4">Sahtu Oilfield Services Limited</td> <td>3</td> <td colspan="3">30.00</td> </tr> <tr> <td colspan="4">Stream-Flo Industries Ltd.</td> <td>2</td> <td colspan="3">20.00</td> </tr> <tr> <td colspan="4">Sahtu Helicopters</td> <td>1</td> <td colspan="3">8.00</td> </tr> <tr> <td colspan="4">Exlogs Sahtu Ltd.</td> <td>1</td> <td colspan="3">8.00</td> </tr> </tbody> </table>											Company				Count	Tot Work Time (hr)			Pajak Engineering Ltd.				1	10.00			Sahtu Oilfield Services Limited				3	30.00			Stream-Flo Industries Ltd.				2	20.00			Sahtu Helicopters				1	8.00			Exlogs Sahtu Ltd.				1	8.00									
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**Well Name: HUSKY LITTLE BEAR H-64****Report # 60, Report Date: 7/30/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.			
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased		Well Status Date 2/17/2012				
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00					

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 61, Report Date: 7/31/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.											
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012											
Cut/Fill (m)	0.0	Ground Elv. (m)	178.00	KB Elevation (m)	183.20	KB to Gnd (m)	5.20	KB-CF (m)	5.47	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00									
<hr/>																				
Primary Wellbore Affected Original Hole, 300H64650012600	Primary Job Type Initial Completion		Secondary Job Type Other		Final Status		Spud Date		Target Formation Canol											
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.							End Date	8/5/2013												
Contractor Nabors Production Services				Rig Number 211	Rig Release Date 2/18/2013															
Contractor Nabors Production Services				Rig Number 211	Rig Release Date 3/6/2013															
Weather Clear/Light wind	Temperature (°C) 25	Road Condition Helicopter accessible only			Tubing Pressure (kPa) 1,632	Casing Pressure (kPa) 5,200		Rig Time (hr) 0.00												
Operations Summary Complete rigging in Slick Line equipment, remove W/H BPV valve, RIH latch onto gusges and do reverse pressure gradient																				
Operations Next Report Period RIH and set PNX plug in upper X nipple, reset BPV valve in tubing hanger, shut in and lock well head, rig out and start moving to N-09																				
Job Contact Warren Watson	Title CP Field Super		Type Well Site Supervisor			Mobile 403-793-7755														
<b>Personnel Log</b>																				
Company					Count		Tot Work Time (hr)													
Pajak Engineering Ltd.					1		12.00													
Sahtu Oilfield Services Limited					3		36.00													
Stream-Flo Industries Ltd.					2		24.00													
Sahtu Helicopters					1		10.00													
Exlogs Sahtu Ltd.					1		12.00													
*NEW VENDOR*					1		10.00													
<b>Time Log</b>																				
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com															
00:00	08:30	8.50	SDFN	Shut down for night																
08:30	09:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Held Safety and JSA meeting with all services as per Husky regulations															
09:00	12:00	3.00	RIGUP	Rig up	Complete Helicoptering equipment to location, spot and rig up slick line mast unit, wire line skid and assemble well head BPV lubricator. Did well head sweep with 4 head monitor and found 38 ppm LEL out of SCV assembly RI SCV bubble tester and found 120 bubbles/minute															
12:00	13:00	1.00	MISC	Miscellaneous operations.	Rig in BPV lubricator and tighten down onto well head, RIH with lubricator rod tag and screw into BPV valve, equalize BPV valve to well head. Tubing pressure after equalization 5200 kPa Casing pressure 1632 kPa Removed BPV and rigged out lubricator and layed down															
13:00	18:00	5.00	WIRELINE	Other wireline related work ( excluding log, swab,	Make up and rigged in slick line lubricator C/W .125 slick line, 2.1 m weight bar, slick line spanges, GS pulling tool, RIH and tagged top of pressure gauges @ 1186.0 mGL, had over pull unsetting the gauge bomb well, commenced to complete reverse gradient and did the following stops: all stops are mGL, 1150, 1100, 1000, 900, 800, 700, 600, 500, 400, 300, 200, Surface. Layed down top and bottom pressure gauges and down loaded to ensure all information was recorded. Gauges off bottom 16:13 Pm(lookd like there was a scale like looking material on gauges) #60286 Top Gauge, BHP 12267 kPa BHT 65 C #60322 Bottom Gauge, BHP 12265 kPa BHT 65 C Rigged in wire line lubricator C/W .125 slick line, 2.1 m weight bar, wire line jars, wire line spanges and GL pulling tool, RIH and tagged tubing dart @ 1188.0 mGL, pulled over and pulled tubing dart free, pulled to surface and found alot of debris on down hole tools (sand like material). Layed down lubricator and mast unit and SDFN Helicopter personnel back to base camp															

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 61, Report Date: 7/31/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased				Well Status Date 2/17/2012
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00			

**Time Log**

Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com
18:00	18:30	0.50	BRKTM	Lunch Break	Gave all crew personnel sufficient time off for lunch and coffee breaks
18:30	00:00	5.50	SDFN	Shut down for night	

**Report Fluids Summary**

Fluid	To well (m³)	From well (m³)	To lease (m³)	From lease (m³)
	0.00	0.00	0.00	0.00
Other	0.00	0.00	0.00	0.00

**Safety Checks**

Time	Des	Type	Com

**Logs**

Date	Type	Top (mKB)	Btm (mKB)	Cased?

**Perforations**

Date	Pool	Top (mKB)	Btm (mKB)	Current Status

**<typ> on <dttm>**

Date	Pool	Type	Stim/Treat Company	
Stg #	Stage Type	Top (mKB)	Btm (mKB)	Vol Clean Pump (m³)

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 62, Report Date: 8/1/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.		
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012		
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79		PBTD (All) (mKB) Original Hole - 1,317.00			
Primary Wellbore Affected Original Hole, 300H64650012600		Primary Job Type Initial Completion		Secondary Job Type Other		Final Status		Spud Date		Target Formation Canol	
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.									End Date 8/5/2013		
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 2/18/2013					
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 3/6/2013					
Weather Clear/Light Wind		Temperature (°C) 24	Road Condition Helicopter accessible only			Tubing Pressure (kPa) 1,635		Casing Pressure (kPa) 5,212		Rig Time (hr) 0.00	
Operations Summary Complete setting PX plug, set BPV in W/H pressure tested, chained and locked W/H, made equipment ready to move											
Operations Next Report Period Check SCV flow gas meter(24 Hr flow test) Shut in 15:00 Pm											
Job Contact Warren Watson		Title CP Field Super		Type Well Site Supervisor			Mobile 403-793-7755				
<b>Personnel Log</b>											
Company							Count		Tot Work Time (hr)		
Pajak Engineering Ltd.							1		9.50		
Sahtu Oilfield Services Limited							3		28.50		
Stream-Flo Industries Ltd.							2		19.00		
Sahtu Helicopters							1		9.50		
Exlogs Sahtu Ltd.							1		9.50		
*NEW VENDOR*							1		9.50		
<b>Time Log</b>											
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.		Com					
00:00	07:30	7.50	SDFN	Shut down for night							
07:30	08:00	0.50	SAFETY	Safety Meetings (Pre-job, daily)		Held Safety and JSA meeting with all services as per Husky regulations					
08:00	13:00	5.00	SLICK	Slickline work		Helicopter crew out from camp to location, stood derrick on mast unit, RI lubricator C/W .125 slick line, cable head, 2.46 m weight bar, W/L jars, W/L spanges, 73.0 mm nipple brush 10:00 Am RIH to 1180.0 mGI tagged fluid level +/- 530 m tagged top X nipple 1173.0 mGI and second X nipple 1179.0 mGI, POOH and inspected tubing brush, brush was covered with looks like paraffin wax, layed down 73.0 mm brush. 11:00 Am RI X nipple PX plug lock(keys set in positive position), RIH and located top X Nipple 1173.0 mGI and set lock in nipple. 11:50 Am RI PX pronge, RIH and located PX lock and set into lock, POOH and laid down W/L assembly and lubricator.					
13:00	14:30	1.50	MISC	Miscellaneous operations.		RI Stream flo BPV lubricator and rebuilt BPV plug, equalized pressure in lubricator and RIH tagged top of tubing hanger and threaded BPV plug into tubing hanger(ensure plug was set) threaded off plug and POOH with setting rod. Bled off W/H pressure and did 15 minute negative test(good), RO and lay down lubricator, fill well head with clean diesel fuel, RI pressure pump and fill and pressure up to 1400 kPa and hold for 15 minutes (good), filled and pressured up to 30,000 kPa and held for 30 minutes(good), RO and lay down lubricator and made ready to move equipment to N-09					
14:30	16:30	2.00	RIGDOWN	Rig down		Lay down and rig out slick line mast unit and skid back from W/H 6-8 m(to ensure when helicopter picks up mast unit will not swing into W/H, stacked working mats and packed all small hand tools and equipment and made ready to move to N-09). Helicopter all personnel back to base camp					
16:30	17:00	0.50	BRKTM	Lunch Break		Gave all crew personnel sufficient time off for lunch and coffee breaks					
17:00	00:00	7.00	SDFN	Shut down for night		Connected gas flow meter 15:00 Pm and ensured to record staring readings.					
<b>Report Fluids Summary</b>											
Fluid		To well (m³)		From well (m³)		To lease (m³)		From lease (m³)			
		0.00		0.00		0.00		0.00			
Other		0.00		0.00		0.00		0.00			

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 62, Report Date: 8/1/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.	
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012	
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00			

**Safety Checks**

Time	Des	Type	Com

**Logs**

Date	Type	Top (mKB)	Btm (mKB)	Cased?

**Perforations**

Date	Pool	Top (mKB)	Btm (mKB)	Current Status

**<typ> on <dttm>**

Date	Pool	Type	Stim/Treat Company
Stg #	Stage Type	Top (mKB)	Btm (mKB)

**Other In Hole**

Des	Run Date	OD (mm)	Top (mKB)	Btm (mKB)

**Cement**

Des	Start Date	Cement Comp

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 63, Report Date: 8/2/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.		
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012		
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00				
Primary Wellbore Affected Original Hole, 300H64650012600		Primary Job Type Initial Completion	Secondary Job Type Other	Final Status		Spud Date		Target Formation Canol			
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.								End Date 8/5/2013			
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 2/18/2013					
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 3/6/2013					
Weather Clear/Light Wind		Temperature (°C) 0	Road Condition Helicopter accessible only			Tubing Pressure (kPa)		Casing Pressure (kPa)	Rig Time (hr)		
Operations Summary Complete 24 Hr flow test on SCV assembly											
Operations Next Report Period Shut in, complete 24 Hr pressure build up											
Job Contact Warren Watson	Title CP Field Super		Type Well Site Supervisor			Mobile 403-793-7755					
<b>Personnel Log</b>											
Company						Count		Tot Work Time (hr)			
Pajak Engineering Ltd.						1		0.50			
<b>Time Log</b>											
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com						
00:00	08:00	8.00	SDFN	Shut down for night							
08:00	08:30	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Held Safety and JSA meeting with all services as per Husky regulations						
08:30	15:00	6.50	SDFN	Shut down for night							
15:00	15:30	0.50	MISC	Miscellaneous operations.	Shut in and plugged SCV assembly, and removed gas meter. 25 Hr flow 4.15 Cubic meters gas flow						
15:30	00:00	8.50	SDFN	Shut down for night							
<b>Report Fluids Summary</b>											
Fluid	To well (m³)		From well (m³)		To lease (m³)		From lease (m³)				
	0.00		0.00		0.00		0.00				
Other	0.00		0.00		0.00		0.00				
<b>Safety Checks</b>											
Time	Des		Type			Com					
<b>Logs</b>											
Date	Type			Top (mKB)			Btm (mKB)		Cased?		
<b>Perforations</b>											
Date	Pool		Top (mKB)			Btm (mKB)		Current Status			
<typ> on <dttm>											
Date	Pool			Type						Stim/Treat Company	
Stg #	Stage Type	Top (mKB)			Btm (mKB)			Vol Clean Pump (m³)			
<b>Other In Hole</b>											
Des	Run Date		OD (mm)			Top (mKB)		Btm (mKB)			
<b>Cement</b>											
Des	Start Date					Cement Comp					

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 64, Report Date: 8/3/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.		
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012		
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00				
Primary Wellbore Affected Original Hole, 300H64650012600		Primary Job Type Initial Completion	Secondary Job Type Other	Final Status		Spud Date		Target Formation Canol			
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.								End Date 8/5/2013			
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 2/18/2013					
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 3/6/2013					
Weather Clear/Light Wind		Temperature (°C) 0	Road Condition Helicopter accessible only			Tubing Pressure (kPa)		Casing Pressure (kPa)	Rig Time (hr)		
Operations Summary Complete 24 Hr SCV pressure build up											
Operations Next Report Period Repair and re-tighten SCV assembly, shut in and re-start 24 SCV assembly shut in test											
Job Contact Warren Watson	Title CP Field Super		Type Well Site Supervisor			Mobile 403-793-7755					
<b>Personnel Log</b>											
Company					Count		Tot Work Time (hr)				
Pajak Engineering Ltd.					1		1.00				
Stream-Flo Industries Ltd.					1		1.00				
Sahtu Helicopters					1		1.00				
*NEW VENDOR*					1		1.00				
<b>Time Log</b>											
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com						
00:00	08:00	8.00	SDFN	Shut down for night							
08:00	08:30	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Held Safety and JSA meeting with all services as per Husky regulations						
08:30	15:00	6.50	SDFN	Shut down for night							
15:00	15:30	0.50	MISC	Miscellaneous operations.	Took shut in pressure on SCV 2,100 kPa (found SCV assembly was leaking very bad at casing bowl connection and at 90° elbow), opened SCV and bled off built up pressure and moved equipment over to location to repair SCV assembly tomorrow						
15:30	00:00	8.50	SDFN	Shut down for night							
<b>Report Fluids Summary</b>											
Fluid	To well (m³)		From well (m³)		To lease (m³)		From lease (m³)				
	0.00		0.00		0.00		0.00				
Other	0.00		0.00		0.00		0.00				
<b>Safety Checks</b>											
Time	Des		Type			Com					
<b>Logs</b>											
Date	Type			Top (mKB)	Btm (mKB)	Cased?					
<b>Perforations</b>											
Date	Pool		Top (mKB)		Btm (mKB)	Current Status					
<typ> on <dttm>											
Date	Pool			Type			Stim/Treat Company				
Stg #	Stage Type	Top (mKB)		Btm (mKB)		Vol Clean Pump (m³)					
<b>Other In Hole</b>											
Des	Run Date		OD (mm)	Top (mKB)		Btm (mKB)					
<b>Cement</b>											
Des	Start Date			Cement Comp							

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 65, Report Date: 8/4/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.		
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012		
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79		PBTD (All) (mKB) Original Hole - 1,317.00			
Primary Wellbore Affected Original Hole, 300H64650012600		Primary Job Type Initial Completion	Secondary Job Type Other	Final Status		Spud Date		Target Formation Canol			
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.								End Date 8/5/2013			
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 2/18/2013					
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 3/6/2013					
Weather Clear		Temperature (°C) 0	Road Condition Helicopter accessible only			Tubing Pressure (kPa)		Casing Pressure (kPa)	Rig Time (hr)		
Operations Summary Repaired SCV assembly, re-tightened SCV assembly and shut in to start test											
Operations Next Report Period Check 24 Hr shut in pressures and record											
Job Contact Warren Watson	Title CP Field Super		Type Well Site Supervisor			Mobile 403-793-7755					
<b>Personnel Log</b>											
Company						Count		Tot Work Time (hr)			
Pajak Engineering Ltd.						1		1.50			
Stream-Flo Industries Ltd.						1		1.50			
Sahtu Helicopters						1		1.50			
*NEW VENDOR*						1		1.50			
<b>Time Log</b>											
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com						
00:00	08:00	8.00	SDFN	Shut down for night							
08:00	08:30	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Held Safety and JSA meeting with all services as per Husky regulations						
08:30	10:00	1.50	MISC	Miscellaneous operations.	Held Stream-Flo personnel over to location, pumped out cellar into empty cube tank, water level below SCV assembly. Removed vent assembly thread taped and thread dopped all connections and re-installed and re-tightened SCV assembly, shut in 09:30 Am for 24 Hr build up. Held Stream-Flo personnel back to N-09.						
10:00	00:00	14.00	SDFN	Shut down for night							
<b>Report Fluids Summary</b>											
Fluid	To well (m³)		From well (m³)		To lease (m³)		From lease (m³)				
	0.00		0.00		0.00		0.00				
Other	0.00		0.00		0.00		0.00				
<b>Safety Checks</b>											
Time	Des		Type			Com					
<b>Logs</b>											
Date	Type			Top (mKB)			Btm (mKB)			Cased?	
<b>Perforations</b>											
Date	Pool		Top (mKB)			Btm (mKB)			Current Status		
<typ> on <dttm>											
Date	Pool			Type						Stim/Treat Company	
Stg #	Stage Type	Top (mKB)			Btm (mKB)			Vol Clean Pump (m³)			
<b>Other In Hole</b>											
Des	Run Date		OD (mm)			Top (mKB)		Btm (mKB)			
<b>Cement</b>											
Des	Start Date						Cement Comp				

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 66, Report Date: 8/5/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.		
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012		
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79	PBTD (All) (mKB) Original Hole - 1,317.00				
Primary Wellbore Affected Original Hole, 300H64650012600		Primary Job Type Initial Completion	Secondary Job Type Other	Final Status		Spud Date		Target Formation Canol			
Objective Conduct a DFIT on the Hare Indian shale and suspend the zone. Complete the Canol Shale by underbalance perforating the zone. Flow and swab the well in on cleanup to obtain a representative reservoir fluid sample.								End Date 8/5/2013			
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 2/18/2013					
Contractor Nabors Production Services			Rig Number 211			Rig Release Date 3/6/2013					
Weather Clear		Temperature (°C) 0	Road Condition Helicopter accessible only			Tubing Pressure (kPa)		Casing Pressure (kPa)	Rig Time (hr)		
Operations Summary Complete 24 Hr shut in pressure build, shut in and suspend well bore 24 hr shut in pressure 2,122 kPa											
Operations Next Report Period Shut in suspend well bore for long term											
Job Contact Warren Watson	Title CP Field Super		Type Well Site Supervisor			Mobile 403-793-7755					
<b>Personnel Log</b>											
Company						Count		Tot Work Time (hr)			
Stream-Flo Industries Ltd.						1		1.00			
Sahtu Helicopters						1		1.00			
*NEW VENDOR*						1		1.00			
<b>Time Log</b>											
Start Time	End Time	Dur (hr)	Activity Code	Activity Desc.	Com						
00:00	08:00	8.00	SDFN	Shut down for night							
08:00	08:30	0.50	SAFETY	Safety Meetings (Pre-job, daily)	Held Safety and JSA meeting with all services as per Husky regulations						
08:30	09:30	1.00	SDFN	Shut down for night							
09:30	10:00	0.50	MISC	Miscellaneous operations.	Held personnel to location, installed pressure gauge ensured no leaks in the SCV assembly, opened valve to gauge and measured pressure after 24 hr 2,122.0 kPAA, bled off pressure and left SCV open, ensured all valves on well head where closed and location was cleaned up. Suspend well bore						
<b>Report Fluids Summary</b>											
Fluid	To well (m³)		From well (m³)		To lease (m³)		From lease (m³)				
	0.00		0.00		0.00		0.00				
Other	0.00		0.00		0.00		0.00				
<b>Safety Checks</b>											
Time	Des		Type			Com					
08:00	Safety / Hazard Assesment Meeting		Safety Meeting			Held Safety Meeting as per Husky Energy Regulations, topics discussed were : Slips Trips and Falls, Pinch points , covered ERP, Proper Helicopter Loading and Unloading, Good communication, Incident Reporting, Zero Spills, Working together / Buddy system, Muster areas, Inspection of Equipment prior to use, Wild Life and monitor					
<b>Logs</b>											
Date	Type			Top (mKB)		Btm (mKB)		Cased?			
<b>Perforations</b>											
Date	Pool		Top (mKB)		Btm (mKB)		Current Status				
<b>&lt;typ&gt; on &lt;dttm&gt;</b>											
Date	Pool			Type					Stim/Treat Company		
Stg #	Stage Type	Top (mKB)			Btm (mKB)			Vol Clean Pump (m³)			

**Well Name: HUSKY LITTLE BEAR H-64**
**Report # 66, Report Date: 8/5/2013**

Licensed UWI 300H64650012600		Surface Legal Location 300H64650012600			License # 462		Field Name SLATER RIVER		State/Province N.W.T.							
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration			Well Status Drilled and Cased			Well Status Date 2/17/2012							
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47	KB-TH (m) 5.00	TD All (TVD) (mKB) Original Hole - 1,340.79		PBTD (All) (mKB) Original Hole - 1,317.00								
<b>Other In Hole</b>																
Des			Run Date		OD (mm)		Top (mKB)		Btm (mKB)							
<b>Cement</b>																
Des		Start Date				Cement Comp										



Company: **HUSKY OIL**  
Well Name: **HUSKY LITTLE BEAR H-64**  
Location: **H-64**  
Field: **NORMAN WELLS**  
Formation: **LOWER CANOL**  
Client Representative: **JOHN BUTALA**

**Schlumberger**

Sales Representative: **RAE SPICKETT**  
Schlumberger Field Representative: **DARCY HARBIDGE**  
Prepared By: **JEFF WETERING//23204**  
Schlumberger Location: **MEDICINE HAT**  
Job Date: **23-Feb-13**

## **ACID SQUEEZE SERVICE REPORT**

### **INHIBITED Water**

This information is presented in good faith, but no warranty is given and Schlumberger Canada Ltd. assumes no liability for advice or recommendations made concerning results to be obtained from the use of any product or service. This proposal and the services to be performed pursuant thereto shall be governed by the Terms and Conditions on the reverse side thereof.

**SCHLUMBERGER CANADA LTD.**

**ACID SQUEEZE SERVICE REPORT**

CUSTOMER	HUSKY OIL	WELL NAME	HUSKY LITTLE BEAR H-64	TREATMENT #	BYTJ-00071
CUSTOMER FIELD REP	BYRON BAXTER	LOCATION	H-64		
WELL TYPE	OIL	FIELD	NORMAN WELLS	SLB LOCATION	MEDICINE HAT
NEW OR OLD	NEW	FORMATION	LOWER CANOL	DATE (m/d/y)	2/23/2013

**COMPLETION SUMMARY**

PIPE DATA	CSG1	CSG2	TBG1	TBG2	PERFORATIONS (mKB to mKB)			TREATMENT MODE (X)
NOMINAL OD (mm)			73		1225	-	1232	-
MEAS DEPTH (mKB)			1220		-	-	-	CASING
WEIGHT (Kg/m)			9.67		-	-	-	ANNULUS
GRADE			L80		PERFORATION DENSITY (spm)			TBG & ANNULUS
MEASURED DEPTH TO PLUGBACK (m)					TVD TO PERFORATION TOP (mKB)		1225	DISPLACEMENT (m <sup>3</sup> )

**PUMPING SUMMARY**

PRESSURES (MPa)		RATES (m <sup>3</sup> /min)	SLUR	LUIDS VOLUME (m <sup>3</sup> )	SLUR	FLUID NAME	BASE GEL	
BREAKDOWN		14.30	MINIMUM	150.0	HOLE FILL	2.3	FANN 35 RDG	
OPENING WELL PRESSURE		0.10	MAXIMUM	600.0	INJ RATE	1.7	Water	
FRAC GRADIENT (kPa/r)		18.00	PROGRAM	AVERAGE	ACID	7.4	15% HCL ACID	
MINIMUM		9.60			FLUSH	4.7	INHIBITED Water	
MAXIMUM		14.30					S.G.	
AVERAGE		10.40			TOTAL	16.1	TEMP(C)	
POST-FRAC ISIP		11.80					65	
10 MIN SHUT-IN		10.40						
PROPPANTS		1.00	2	3				
TYPE					ADDITIVE	FUNCTION	DESIGN TOTAL	ACTUAL TOTAL
MESH SIZE					JA264	CORROSION INHIBITOR	63	40.7
DESIGNED (tonne)					F112	SURFACTANT	22	14.4
PLACED (tonne)					W054	Non-Emulsifying Agent	55	35.5
MAX BH CONC (Kg/m <sup>3</sup> )					U106	CHELATING AGENT	82.5	53.25
REMARKS					L058	Iron Stabilizer	33	21.3

# Post Job PRC Plots

HUSKY OIL  
H-64  
LOWER CANOL  
2/23/2013

Tr Press



**Schlumberger**

## Test Data 1

	Test Time		Well: 300H64500126000							Dry Flow Meter					Volume										
	Date	Time	Choke	Tubing	Casing	Flow Temp	Tubing 10K Record	Tubing 15K Record	Static	Diff	Temp	Plate	Rate	Cum	Volume Hrly Gain	BSW	Wtr Gain	Water Cum	Oil Gain	Oil Cum	Water Salinity	PH	Sed.	LF LTR (Wtr)	Produced Wtr
	mm/dd/yyyy	hh:mm	mm	kPag	kPag	°C	kPag	kPag	mm	10 <sup>3</sup> m <sup>3</sup> /d	10 <sup>3</sup> m <sup>3</sup>	(l) m <sup>3</sup>	%	m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	ppm	%	m <sup>3</sup>	m <sup>3</sup>			
1	03/05/2013	12:50	Begin with frac operations																						
2		13:00	Finish with frac operations																						
3		14:00	Stand down time and record pressures																						
4		14:35	Bleed off casing annulus pressure																						
5		14:37	Remover pressure recorders, download and deliver to company rep.																						
6		14:37	5451	5451	0	5451	0	0	0.0	0					0.00			0.00					25.50	0.00	
7		15:00	0.00	0	0	0	0	0	0.0	0	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0	0	0	0.0	25.50	0.00	
8		16:55	Start to RIH with wireline.																						
9		17:41	Recorders Landed @ 1187.5Mkb																						
10		18:00	Wireline Out of hole																						
11		18:30	Shift Change Hold Safety Meeting With Rig Crew And Oil Company Rep																						
12		19:00	Wait On Rig Crew To Rig Out And Rig In Swab Rig To Swab Well For Evaluation																						
13		19:30	0.00	3251	484	0	0	0	0.0	0	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0	0.0	0.0	25.50	0.00		
14		20:00	0.00	3231	540	0	0	0	0.0	0	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0	0.0	0.0	25.50	0.00		
15		20:30	0.00	3157	552	0	0	0	0.0	0	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0	0.0	0.0	25.50	0.00		
16		21:00	0.00	3076	560	0	0	0	0.0	0	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0	0.0	0.0	25.50	0.00		
17		21:45	0.00	2653	549	0	0	0	0.0	0	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0	0.0	0.0	25.50	0.00		
18		21:45	***** WELL EVALUATION *****																						
19		21:45	Open Well On 1.5" or 38.10mm Choke By Pass																						
20		21:50	38.10	20	811	0	0	0	0.0	0	0.00	0.00	0.00	0.47	100	0.47	0.47	0.47	0.00	0.00	0	7	0.0	25.03	0.00
21		21:55	38.10	20	1057	0	0	0	0.0	0	0.00	0.00	0.00	0.20	100	0.20	0.67	0.67	0.00	0.00	0	7	0.0	24.83	0.00
22		22:00	38.10	18	1200	0	0	0	0.0	0	0.00	0.00	0.00	0.30	100	0.30	0.97	0.97	0.00	0.00	0	7	0.0	24.53	0.00
23		22:15	38.10	16	1842	0	0	0	0.0	0	0.00	0.00	0.00	0.27	100	0.27	1.24	1.24	0.00	0.00	0	7	0.0	24.26	0.00
24		22:30	38.10	10	1829	0	0	0	0.0	0	0.00	0.00	0.00	0.22	100	0.22	1.46	1.46	0.00	0.00	0	7	0.0	24.04	0.00
25		22:45	38.10	11	2034	0	0	0	0.0	0	0.00	0.00	0.00	0.32	100	0.32	1.78	1.78	0.00	0.00	0	7	0.0	23.72	0.00
26		23:00	38.10	22	2163	0	0	0	0.0	0	0.00	0.00	0.00	0.40	100	0.40	2.18	2.18	0.00	0.00	0	7	0.0	23.32	0.00
27		23:30	38.10	21	2300	0	0	0	0.0	0	0.00	0.00	0.00	0.33	100	0.33	2.51	2.51	0.00	0.00	0	7	0.0	22.99	0.00
28	03/06/2013	00:00	38.10	19	2487	0	0	0	0.0	0	0.00	0.00	0.00	0.44	100	0.44	2.95	2.95	0.00	0.00	0	7	0.0	22.55	0.00
29		00:30	38.10	22	2456	0	0	0	0.0	0	0.00	0.00	0.00	0.44	100	0.44	3.39	3.39	0.00	0.00	0	7	0.0	22.11	0.00
30		00:30	Shut Well In To Rig In Swab Equipment																						
31		00:45	0.00	817	2598	0	0	0	0.0	0	0.00	0.00	0.00	0.00	0	0.00	3.39	0.00	0.00	0.00				22.11	0.00
32		00:45	Open Well On 1.5" Or 38.10mm And Start To Swab Well Swab Rig Will Use 2.5" RTL Cup																						
33		00:55	SWAB # 01 Tag = Surface Pull = 250.0m																						
34		00:55	38.10	0	2788	0	0	0	0.0	0	0.00	0.00	0.00	0.94	100	0.94	4.33	0.00	0.00	0.00	24000	7	0.0	21.17	0.00
35		01:10	SWAB # 02 Tag = 150.0m Pull = 450.0m																						
36		01:10	38.10	0	2864	0	0	0	0.0	0	0.00	0.00	0.00	0.75	100	0.75	5.08	0.00	0.00	0.00	24000	7	0.0	20.42	0.00
37		01:35	SWAB # 03 Tag = 225.0m Pull = 525.0m																						
38		01:35	38.10	0	3168	0	0	0	0.0	0	0.00	0.00	0.00	1.07	100	1.07	6.15	0.00	0.00	0.00	30000	7	0.0	19.35	0.00
39		01:50	SWAB # 04 Tag = 420.0m Pull = 720.0m																						
40		01:50	38.10	0	3619	0	0	0	0.0	0	0.00	0.00	0.00	0.79	100	0.79	6.94	0.00	0.00	0.00	30000	7	0.0	18.56	0.00
41		02:05	SWAB # 05 Tag = 610.0m Pull = 910.0m																						

## Test Data 1

	Test Time		Well: 300H64500126000							Dry Flow Meter					Volume											
	Date	Time	Choke	Tubing	Casing	Flow Temp	Tubing 10K Record	Tubing 15K Record	Static	Diff	Temp	Plate	Rate	Cum	Volume Hrly Gain	BSW	Wtr Gain	Water Cum	Oil Gain	Oil Cum	Water Salinity	PH	Sed.	LF LTR (Wtr)	Produced Wtr	
	mm/dd/yyyy	hh:mm	mm	kPag	kPag	°C	kPag	kPag	kPa	°C	mm	10³m³/d	10³m³	(l) m³	%	m³	m³	m³	m³	ppm	%	m³	m³			
42	03/06/2013	02:05	38.10	0	4020	0	0	0	0.0	0	0.00	0.00	0.00	0.99	100	0.99	7.93	0.00	0.00	30000	7	0.0	17.57	0.00		
43		02:30	SWAB # 06	Tag = 780.0m	Pull = 1110.0m																					
44		02:30	38.10	0	4027	0	0	0	0.0	0	0.00	0.00	0.00	0.99	100	0.99	8.92	0.00	0.00	28000	7	0.0	16.58	0.00		
45		02:30	Shut Well In And Empty P-Tank With Vac Truck																							
46		03:00	Open Well On 1.5" Or 38.10 Choke By Pass																							
47		03:15	SWAB # 07	Tag = 855.0m	Pull = 1150.0m																					
48		03:15	38.10	0	4032	0	0	0	0.0	0	0.00	0.00	0.00	1.27	100	1.27	10.19	0.00	0.00	30000	7	0.0	15.31	0.00		
49		03:30	SWAB # 08	Tag = 1070.0m	Pull = 1150.0m																					
50		03:30	38.10	0	3513	0	0	0	0.0	0	0.00	0.00	0.00	0.20	100	0.20	10.39	0.00	0.00	30000	7	0.0	15.11	0.00		
51		03:45	SWAB # 09	Tag = 1090.0m	Pull = 1150.0m.28 Swab Rig To Change Cups																					
52		03:45	38.10	0	3817	0	0	0	0.0	0	0.00	0.00	0.00	0.28	100	0.28	10.67	0.00	0.00	40000	7	0.0	14.83	0.00		
53		04:05	SWAB # 10	Tag = 1050.0m	Pull = 1150.0m																					
54		04:05	38.10	0	3745	0	0	0	0.0	0	0.00	0.00	0.00	0.08	100	0.08	10.75	0.00	0.00	40000	7	0.0	14.75	0.00		
55		04:20	SWAB # 11	No Tag	Pull = 1150.0m																					
56		04:20	38.10	0	3650	0	0	0	0.0	0	0.00	0.00	0.00	0.00	0	0.00	10.75	0.00	0.00				14.75	0.00		
57		04:30	Go To Hourly Swabs As Directed As By Oil Company Rep																							
58		05:15	SWAB # 12	Tag = 900 M	Pull = 1100m																					
59		05:15	38.10	0	3215	0	0	0	0.0	0	0.00	0.00	0.00	0.55	100	0.55	11.30	0.00	0.00	30000	7	0.0	14.20	0.00		
60		05:45	SWAB # 13	Tag = 1020	Pull = 1150.0m																					
61		05:45	38.10	0							0.00			0.32	100	0.32	11.62	0.00	0.00	38000	7	0.0	13.88	0.00		
62		06:00	SWAB # 14	Tag = 1100.0m	Pull = 1150.0m																					
63		06:00	38.10	0	3181	0	0	0	0.0	0	0.00	0.00	0.00	0.00	0	0.00	11.62	0.00	0.00	0	0.0	13.88	0.00			
64			*****Last 24 Hours*****												Job Summary*****											
			Hours Flowed = 0												Cumm Hours Flowed = 0											
			Daily Gas produced = 0.00 10³m³,												Cumm Gas Produced = 0.00 10³m³											
			Daily Oil Produced = 0.00 m³,												Cumm Oil Produced = 0.00 m³											
			Daily Water Recovered = 11.62 m³,												Cumm Water Recovered = 11.62 m³											
			*****End Summary*****																							
65		06:05	SWAB # 15	Tag = 1100.0m	Pull = 1150.0m																					
66		06:05	38.10	0	3100	0	0	0	0.0	0	0.00	0.00	0.00	0.00	100	0.00	11.62	0.00	0.00				13.88	0.00		
67		08:05	SWAB # 16	Tag = 900 m	Pull = 1150.0m																					
68		08:05	38.10	0	2725	0	0	0	0.0	0	0.00	0.00	0.00	0.14	100	0.14	12.76	0.00	0.00	40000	7	0.0	12.74	0.00		
69		08:40	SWAB # 17	Tag = 900 m	Pull = 1150.0m																					
70		08:40	38.10	0	2873	0	0	0	0.0	0	0.00	0.00	0.00	0.41	100	0.41	13.17	0.00	0.00	42000	7	0.0	12.33	0.00		
71		09:55	SWAB # 18	Tag = 925 m	Pull = 1150 m																					
72		09:55	38.10	0	2630	0	0	0	0.0	0	0.00	0.00	0.00	0.73	100	0.73	13.90	0.00	0.00	48000	7	0.0	11.60	0.00		
73		10:55	SWAB # 19	Tag = 1000 m	Pull = 1150 m																					
74		10:55	38.10	0	2340	0	0	0	0.0	0	0.00	0.00	0.00	0.25	100	0.25	14.15	0.00	0.00	42000	7	0.0	11.35	0.00		
75		12:05	SWAB # 20	Tag = 1000 m	Pull = 1150 m																					

## Test Data 1

	Test Time		Well: 300H64500126000							Dry Flow Meter					Volume																							
	Date	Time	Choke	Tubing	Casing	Flow Temp	Tubing 10K Record	Tubing 15K Record	Static	Diff	Temp	Plate	Rate	Cum	Volume Hrly Gain	BSW	Wtr Gain	Water Cum	Oil Gain	Oil Cum	Water Salinity	PH	Sed.	LF LTR (Wtr)	Produced Wtr													
	mm/dd/yyyy	hh:mm	mm	kPag	kPag	°C	kPag	kPag	kPa	°C	mm	10³m³/d	10³m³	(l) m³	%	m³	m³	m³	m³	ppm	%	m³	m³															
76	03/06/2013	12:05	38.10	0	2315	0	0	0	0.0	0	0.00	0.00	0.00	0.41	100	0.41	14.56	0.00	0.00	42000	7	0.0	10.94	0.00														
77		12:10	Change Saver Head Rubbers																																			
78		12:55	SWAB # 21 Tag = 1000 m Pull = 1150 m																																			
79		12:55	38.10	0	2348	0	0	0	0.0	0	0.00	0.00	0.00	0.34	100	0.34	14.90	0.00	0.00	42000	7	0.0	10.60	0.00														
80		13:00	Stream-Flo Changed out Well Head																																			
81		13:15	Change swab cups																																			
82		14:55	SWAB # 22 Tag = 950 m Pull = 1150 m																																			
83		14:55	38.10	0	2066	0	0	0	0.0	0	0.00	0.00	0.00	0.52	100	0.52	15.42	0.00	0.00	42000	7	0.0	10.08	0.00														
84		16:00	SWAB # 23 Tag = 950 m Pull = 1150 m																																			
85		16:00	38.10	0	1984	0	0	0	0.0	0	0.00	0.00	0.00	0.45	100	0.45	15.87	0.00	0.00	46000	7	0.0	9.63	0.00														
86		17:00	SWAB # 24 Tag = 1025 m Pull = 1150 m																																			
87		17:00	38.10	0	2025	0	0	0	0.0	0	0.00	0.00	0.00	0.18	100	0.18	16.05	0.00	0.00	46000	7	0.0	9.45	0.00														
88		18:00	SWAB # 25 Tag = 1000 m Pull = 1150 m																																			
89		18:00	38.10	0	2076	0	0	0	0.0	0	0.00	0.00	0.00	0.37	100	0.37	16.42	0.00	0.00	46000	7	0.0	9.08	0.00														
90		18:05	Change swab cups																																			
91		19:20	Swab # 26 Tag = 870.0m Pull = 1150 m																																			
92		19:20	38.10	0	1898	0	0	0	0.0	0	0.00	0.00	0.00	0.38	100	0.38	16.80	0.00	0.00	48000	7	0.0	8.70	0.00														
93		20:05	Swab # 27 Tag = 972.0m Pull = 1150.0m																																			
94		20:05	38.10	0	2009	0	0	0	0.0	0	0.00	0.00	0.00	0.19	100	0.19	16.99	0.00	0.00	48000	7	0.0	8.51	0.00														
95		21:05	Swab # 28 Tag = 940.0m Pull = 1150.0m																																			
96		21:05	38.10	0	1914	0	0	0	0.0	0	0.00	0.00	0.00	0.19	100	0.19	17.18	0.00	0.00	47000	7	0.0	8.32	0.00														
97		22:05	Swab # 29 Tag = 900.0m Pull = 1150.0m ( Change Swab Cup )																																			
98		22:05	38.10	0	1891	0	0	0	0.0	0	0.00	0.00	0.00	0.29	100	0.29	17.47	0.00	0.00	47000	7	0.0	8.03	0.00														
99		23:05	Swab # 30 Tag = 923.0m Pull = 1150.0m																																			
100		23:05	38.10	0	1809	0	0	0	0.0	0	0.00	0.00	0.00	0.29	100	0.29	17.76	0.00	0.00	49000	7	0.0	7.74	0.00														
101		23:05	Go To Two Hourly Swabs As Directed By Oil Company Rep																																			
102	03/07/2013	01:05	Swab # 31 Tag = 860.0m Pull = 1150.0m																																			
103		01:05	38.10	0	1650	0	0	0	0.0	0	0.00	0.00	0.00	0.39	100	0.39	18.15	0.00	0.00	50000	7	0.0	7.35	0.00														
104		03:05	Swab # 32 Tag = 891.0m Pull = 1150.0m																																			
105		03:05	38.10	0	1518	0	0	0	0.0	0	0.00	0.00	0.00	0.30	100	0.30	18.45	0.00	0.00	50000	7	0.0	7.05	0.00														
106		05:05	Swab # 33 Tag = 866.0m Pull = 1150.0m																																			
107		05:05	38.10	0	1100	0	0	0	0.0	0	0.00	0.00	0.00	0.39	100	0.39	18.84	0.00	0.00	50000	7	0.0	6.66	0.00														
108		06:00	38.10	0	0	0	0	0	0.0	0	0.00	0.00	0.00	100	0.00	18.84	0.00	0.00				6.66	0.00															
109			*****Last 24 Hours*****												Job Summary*****																							
			Hours Flowed = 0												Cumm Hours Flowed =0																							
			Daily Gas produced = 0.00 10³m³,												Cumm Gas Produced = 0.00 10³m³																							
			Daily Oil Produced = 0.00 m³,												Cumm Oil Produced = 0.00 m³																							
			Daily Water Recovered = 7.22 m³,												Cumm Water Recovered = 18.84 m³																							
			*****End Summary*****																																			
110		07:05	Swab # 34 Tag = 925.0m Pull = 1150.0m																																			

## Test Data 1

	Test Time		Well: 300H64500126000							Dry Flow Meter							Volume									
	Date	Time	Choke	Tubing	Casing	Flow Temp	Tubing 10K Record	Tubing 15K Record	Static	Diff	Temp	Plate	Rate	Cum	Volume Hrly Gain	BSW	Wtr Gain	Water Cum	Oil Gain	Oil Cum	Water Salinity	PH	Sed.	LF LTR (Wtr)	Produced Wtr	
	mm/dd/yyyy	hh:mm	mm	kPag	kPag	°C	kPag	kPag	kPa	°C	mm	10³m³/d	10³m³	(l) m³	%	m³	m³	m³	m³	ppm	%	m³	m³			
111	03/07/2013	07:05	38.10	0	1445	0	0	0	0.0	0	0.00	0.00	0.00	0.30	100	0.30	19.14	0.00	0.00	50000	7	0.0	6.36	0.00		
112		09:05	Swab # 35	Tag = 925.0m		Pull = 1150.0m																				
113		09:05	38.10	0	1314	0	0	0	0.0	0	0.00	0.00	0.00	0.30	100	0.30	19.44	0.00	0.00	50000	7	0.0	6.06	0.00		
114		11:05	Swab # 36	Tag = 875.0m		Pull = 1150.0m																				
115		11:05	38.10	0	1145	0	0	0	0.0	0	0.00	0.00	0.00	0.40	100	0.40	19.84	0.00	0.00	50000	7	0.0	5.66	0.00		
116		13:05	Swab # 37	Tag = 875.0m		Pull = 1150.0m																				
117		13:05	38.10	0	1020	0	0	0	0.0	0	0.00	0.00	0.00	0.59	100	0.59	20.43	0.00	0.00	50000	7	0.0	5.07	0.00		
118		15:05	Swab # 38	Tag = 875.0m		Pull = 1150.0m																				
119		15:05	38.10	0	1002	0	0	0	0.0	0	0.00	0.00	0.00	0.49	100	0.49	20.92	0.00	0.00	50000	7	0.0	4.58	0.00		
120		15:05	Tubing is on a slight blow. TSTM. Change swab cups																							
121		17:05	Swab # 39	Tag = 875.0m		Pull = 1150.0m																				
122		17:05	38.10	0	1005	0	0	0	0.0	0	0.00	0.00	0.00	0.40	100	0.40	21.32	0.00	0.00	50000	7	0.0	4.18	0.00		
123		19:05	Swab # 40	Tag = 889.0m		Pull = 1150.0m																				
124		19:05	38.10	0	1013	0	0	0	0.0	0	0.00	0.00	0.00	0.40	100	0.40	21.72	0.00	0.00	56000	7	0.0	3.78	0.00		
125		19:45	Swab # 41	No Tag		Pull = 1150.0m																				
126		19:45	38.10	0	1147	0	0	0	0.0	0	0.00	0.00	0.00	0.00	100	0.00	21.72	0.00	0.00				3.78	0.00		
127		22:05	Swab # 42	Tag = 892.0m		Pull = 1150.0m																				
128		22:05	38.10	0	970	0	0	0	0.0	0	0.00	0.00	0.00	0.41	100	0.41	22.13	0.00	0.00	56000	7	0.0	3.37	0.00		
129		22:05	Swab Crew To Change Cups																							
130	03/08/2013	00:00	Swab # 43	Tag = 901.0m		Pull = 1150.0m																				
131		00:00	38.10	0	915	0	0	0	0.0	0	0.00	0.00	0.00	0.34	100	0.34	22.47	0.00	0.00	56000	7	0.0	3.03	0.00		
132		02:05	Swab # 44	Tag = 887.0m		Pull = 1150.0m																				
133		02:05	38.10	0	819	0	0	0	0.0	0	0.00	0.00	0.00	0.34	100	0.34	22.81	0.00	0.00	57000	7	0.0	2.69	0.00		
134		02:05	Swab Crew To Change Cups																							
135		04:05	Swab # 45	Tag = 896.0m		Pull = 1150.0m																				
136		04:05	38.10	0	704	0	0	0	0.0	0	0.00	0.00	0.00	0.36	100	0.36	23.17	0.00	0.00	58000	7	0.0	2.33	0.00		
137		05:55	Swab # 46	Tag = 929.0m		Pull = 1150.0m																				
138		05:55	38.10	0	668	0	0	0	0.0	0	0.00	0.00	0.00	0.27	100	0.27	23.44	0.00	0.00	58000	7	0.0	2.06	0.00		
139			*****Last 24 Hours***** Hours Flowed = 0 Daily Gas produced = 0.00 10³m³, Daily Oil Produced = 0.00 m³, Daily Water Recovered = 4.60 m³, Load Fluid Remaining = 2.06 m³												Job Summary***** Cumm Hours Flowed =0 Cumm Gas Produced = 0.00 10³m³ Cumm Oil Produced = 0.00 m³ Cumm Water Recovered = 23.44 m³											
140		07:05	NOTE: Opening Tubing pressure @ manifold is now being recorded																							
141		07:05	Swab # 47	Tag = 929.0m		Pull = 1150.0m																				
142		07:05	38.10	252	665	0	0	0	0.0	0	0.00	0.00	0.00	0.28	100	0.28	23.72	0.00	0.00	58000	7	0.0	1.78	0.00		
143		08:30	Bleed off casing pressure. Casing is full of fluid.																							
144		09:05	Swab # 48	Tag = 929.0m		Pull = 1150.0m																				
145		09:05	38.10	400	211	0	0	0	0.0	0	0.00	0.00	0.00	0.27	100	0.27	23.99	0.00	0.00	58000	7	0.0	1.51	0.00		

## Test Data 1

	Test Time		Well: 300H64500126000							Dry Flow Meter					Volume										
	Date	Time	Choke	Tubing	Casing	Flow Temp	Tubing 10K Record	Tubing 15K Record	Static	Diff	Temp	Plate	Rate	Cum	Volume Hrly Gain	BSW	Wtr Gain	Water Cum	Oil Gain	Oil Cum	Water Salinity	PH	Sed.	LF LTR (Wtr)	Produced Wtr
	mm/dd/yyyy	hh:mm	mm	kPag	kPag	°C	kPag	kPag	kPa	°C	mm	10 <sup>3</sup> m <sup>3</sup> /d	10 <sup>3</sup> m <sup>3</sup>	(l) m <sup>3</sup>	%	m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	ppm	%	m <sup>3</sup>	m <sup>3</sup>		
146	03/08/2013	10:55	Bleed off casing pressure. Casing is full of fluid.																						
147		11:05	Swab # 49 Tag = 930.0m Pull = 1150.0m																						
148		11:05	38.10	460	0	0	0	0	0	0.0	0	0.00	0.00	0.00	0.38	100	0.38	24.37	0.00	0.00	58000	7	0.0	1.13	0.00
149		13:05	Swab # 50 Tag = 930.0m Pull = 1150.0m																						
150		13:05	38.10	454	0	0	0	0	0	0.0	0	0.00	0.00	0.00	0.22	100	0.22	24.59	0.00	0.00	58000	7	0.0	0.91	0.00
151		15:05	Swab # 51 Tag = 935.0m Pull = 1150.0m																						
152		15:05	38.10	442	0	0	0	0	0	0.0	0	0.00	0.00	0.00	0.26	100	0.26	24.85	0.00	0.00	58000	7	0.0	0.65	0.00
153		17:05	Swab # 52 Tag = 930.0m Pull = 1150.0m																						
154		17:05	38.10	461	0	0	0	0	0	0.0	0	0.00	0.00	0.00	0.32	100	0.32	25.17	0.00	0.00	58000	7	0.0	0.33	0.00
155		18:55	Swab # 53 Tag = 962.0m Pull = 1150.0m																						
156		18:55	38.10	460	0	0	0	0	0	0.0	0	0.00	0.00	0.00	0.32	100	0.32	25.49	0.00	0.00	57000	7	0.0	0.01	0.00
157		20:55	Swab # 54 Tag = 974.0m Pull = 1150.0m																						
158		20:55	38.10	554	0	0	0	0	0	0.0	0	0.00	0.00	0.00	0.33	100	0.33	25.82	0.00	0.00	66000	7	0.0	0.00	0.32
159		20:55	Shut Well In For Four Hours And Record Build Ups As Requested By Oil Company Rep																						
160		22:00	38.10	310	0	0	0	0	0	0.0	0	0.00	0.00	0.00	0.00	100	0.00	25.82	0.00	0.00	0	0.0	0.00	0.32	
161		23:00	38.10	594	0	0	0	0	0	0.0	0	0.00	0.00	0.00	0.00	100	0.00	25.82	0.00	0.00	0	0.0	0.00	0.32	
162	03/09/2013	00:00	38.10	843	0	0	0	0	0	0.0	0	0.00	0.00	0.00	0.00	100	0.00	25.82	0.00	0.00	0	0.0	0.00	0.32	
163		01:00	38.10	1069	0	0	0	0	0	0.0	0	0.00	0.00	0.00	0.00	100	0.00	25.82	0.00	0.00	0	0.0	0.00	0.32	
164		01:00	One High Pressure Sample Taken # V00055665 One Low Pressure Fluid Sample Taken																						
165		01:05	Open Well To Swab Well As Directed On 38.10mm or 1.5" Choke By Pass																						
166		01:25	Swab # 55 Tag = 811.0m Pull = 1150.0m																						
167		01:25	38.10	1069	0	0	0	0	0	0.0	0	0.00	0.00	0.00	0.52	100	0.52	26.34	0.00	0.00	60000	7	0.0	0.00	0.84
168		03:25	Swab # 56 Tag = 922.0m Pull = 1150.0m																						
169		03:25	38.10	542	0	0	0	0	0	0.0	0	0.00	0.00	0.00	0.36	100	0.36	26.70	0.00	0.00	60000	7	0.0	0.00	1.20
170		05:25	Swab # 57 Tag = 922.0m Pull = 1150.0m																						
171		05:25	38.10	549	0	0	0	0	0	0.0	0	0.00	0.00	0.00	0.27	100	0.27	26.97	0.00	0.00	58000	7	0.0	0.00	1.47
172		06:00	*****Last 24 Hours***** Hours Flowed = 0 Daily Gas produced = 0.00 10 <sup>3</sup> m <sup>3</sup> , Daily Oil Produced = 0.00 m <sup>3</sup> , Daily Water Recovered = 3.58 m <sup>3</sup> , Load Fluid Remaining = 0.00 m <sup>3</sup> *****End Summary***** Job Summary***** Cumm Hours Flowed =0 Cumm Gas Produced = 0.00 10 <sup>3</sup> m <sup>3</sup> Cumm Oil Produced = 0.00 m <sup>3</sup> Cumm Water Recovered = 0.00m <sup>3</sup>																						
173		07:40	Swab # 58 Tag = 950.0m Pull = 1150.0m																						
174		07:40	38.10	524	0	0	0	0	0	0.0	0	0.00	0.00	0.00	0.28	100	0.28	27.25	0.00	0.00	58000	7	0.0	0.00	1.75
175		09:40	Swab # 59 Tag = 950.0m Pull = 1150.0m																						
176		09:40	38.10	480	0	0	0	0	0	0.0	0	0.00	0.00	0.00	0.27	100	0.27	27.52	0.00	0.00	58000	7	0.0	0.00	2.02
177		11:40	Swab # 60 Tag = 950.0m Pull = 1150.0m																						
178		11:40	38.10	355	0	0	0	0	0	0.0	0	0.00	0.00	0.00	0.28	100	0.28	27.80	0.00	0.00	58000	7	0.0	0.00	2.30
179		13:40	Swab # 61 Tag = 950.0m Pull = 1150.0m																						
180		13:40	38.10	510	0	0	0	0	0	0.0	0	0.00	0.00	0.00	0.24	100	0.24	28.04	0.00	0.00	58000	7	0.0	0.00	2.54

## Test Data 1

	Test Time		Well: 300H64500126000							Dry Flow Meter					Volume										
	Date	Time	Choke	Tubing	Casing	Flow Temp	Tubing 10K Record	Tubing 15K Record	Static	Diff	Temp	Plate	Rate	Cum	Volume Hrly Gain	BSW	Wtr Gain	Water Cum	Oil Gain	Oil Cum	Water Salinity	PH	Sed.	LF LTR (Wtr)	Produced Wtr
	mm/dd/yyyy	hh:mm	mm	kPag	kPag	°C	kPag	kPag	kPa	°C	mm	10 <sup>3</sup> m <sup>3</sup> /d	10 <sup>3</sup> m <sup>3</sup>	(l) m <sup>3</sup>	%	m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	ppm	%	m <sup>3</sup>	m <sup>3</sup>		
181	03/09/2013	15:45	Swab # 62	Tag = 955.0m																					2.78
182		15:45	38.10	356	0	0	0	0	0	0.0	0	0.00	0.00	0.00	0.24	100	0.24	28.28	0.00	0.00	58000	7	0.0	0.00	2.78
183		15:55	Swab Crew To Change Cups																						
184		17:40	Swab # 63	Tag = 955.0m																					3.02
185		17:40	38.10	453	0	0	0	0	0	0.0	0	0.00	0.00	0.00	0.24	100	0.24	28.52	0.00	0.00	56000	7	0.0	0.00	3.02
186		19:30	Swab # 64	Tag = 950.0																					
187		19:30	38.10	442	0	0	0	0	0	0.0	0	0.00	0.00	0.00	0.17	100	0.17	28.69	0.00	0.00	51000	7	0.0	0.00	3.19
188		21:30	Swab # 65	Tag = 1011																					
189		21:30	38.10	444	0	0	0	0	0	0.0	0	0.00	0.00	0.00	0.25	100	0.25	28.94	0.00	0.00	56000	7	0.0	0.00	3.44
190		21:30	Swab Crew To Change Swab Cup																						
191		23:30	Swab # 66	Tag = 995.0m																					
192		23:30	38.10	424	0	0	0	0	0	0.0	0	0.00	0.00	0.00	0.26	100	0.26	29.20	0.00	0.00	56000	7	0.0	0.00	3.70
193	03/10/2013	01:25	Collect ONE liter low pressure fluid sample																						
194		01:30	Swab # 67	Tag = 998.0m																					
195		01:30	38.10	418	0	0	0	0	0	0.0	0	0.00	0.00	0.00	0.17	100	0.17	29.37	0.00	0.00	52000	7	0.0	0.00	3.87
196		02:00	Swabs Still Two Hours Apart Time Difference Due To Time Change																						
197		04:30	Swab # 68	Tag = 1012.0m																					
198		04:30	38.10	219	0	0	0	0	0	0.0	0	0.00	0.00	0.00	0.18	100	0.18	29.55	0.00	0.00	58000	7	0.0	0.00	4.05
199			*****Last 24 Hours***** Hours Flowed = 0 Daily Gas produced = 0.00 10 <sup>3</sup> m <sup>3</sup> , Daily Oil Produced = 0.00 m <sup>3</sup> , Daily Water Recovered = 2.58 m <sup>3</sup> Load Fluid Remaining = 0.00 m <sup>3</sup>																						
			*****Job Summary***** Cumm Hours Flowed =0 Cumm Gas Produced = 0.00 10 <sup>3</sup> m <sup>3</sup> Cumm Oil Produced = 0.00 m <sup>3</sup> Cumm Water Recovered = 29.55 m <sup>3</sup> Cumm Water Produced = 4.05 m <sup>3</sup>																						
			*****End Summary*****																						
200		06:25	Swab # 69	Tag = 982.0m																					
201		06:25	38.10	416	0	0	0	0	0	0.0	0	0.00	0.00	0.00	0.27	100	0.27	29.82	0.00	0.00	50000	7	0.0	0.00	4.32
202		08:20	Swab # 70	Tag = 982.0m																					
203		08:20	38.10	424	0	0	0	0	0	0.0	0	0.00	0.00	0.00	0.27	100	0.27	30.09	0.00	0.00	50000	7	0.0	0.00	4.59
204		10:20	Swab # 71	Tag = 1000 m																					
205		10:20	38.10	405	0	0	0	0	0	0.0	0	0.00	0.00	0.00	0.21	100	0.21	30.30	0.00	0.00	50000	7	0.0	0.00	4.80
206		12:25	Swab # 72	Tag = 1000 m																					
207		12:25	38.10	404	0	0	0	0	0	0.0	0	0.00	0.00	0.00	0.27	100	0.27	30.57	0.00	0.00	50000	7	0.0	0.00	5.07
208		14:25	Swab # 73	Tag = 1000 m																					
209		14:25	38.10	410	0	0	0	0	0	0.0	0	0.00	0.00	0.00	0.29	100	0.29	30.86	0.00	0.00	54000	7	0.0	0.00	5.36
210		16:25	Swab # 74	Tag = 1000 m																					
211		16:25	38.10	358	0	0	0	0	0	0.0	0	0.00	0.00	0.00	0.19	100	0.19	31.05	0.00	0.00	56000	7	0.0	0.00	5.55
212		18:25	Swab # 75	Tag = 1000 m																					
213		18:25	38.10	371	0	0	0	0	0	0.0	0	0.00	0.00	0.00	0.24	100	0.24	31.29	0.00	0.00	62000	7	0.0	0.00	5.79
214		20:20	Swab # 76	Tag = 978 m																					
215		20:20	38.10	376	0	0	0	0	0	0.0	0	0.00	0.00	0.00	0.24	100	0.24	31.53	0.00	0.00	62000	7	0.0	0.00	6.03
216		22:15	Swab # 77	Tag = 997 m																					

## Test Data 1

	Test Time		Well: 300H64500126000							Dry Flow Meter					Volume											
	Date	Time	Choke	Tubing	Casing	Flow Temp	Tubing 10K Record	Tubing 15K Record	Static	Diff	Temp	Plate	Rate	Cum	Volume Hrly Gain	BSW	Wtr Gain	Water Cum	Oil Gain	Oil Cum	Water Salinity	PH	Sed.	LF LTR (Wtr)	Produced Wtr	
	mm/dd/yyyy	hh:mm	mm	kPag	kPag	°C	kPag	kPag	mm	10 <sup>3</sup> m <sup>3</sup> /d	10 <sup>3</sup> m <sup>3</sup>	(l) m <sup>3</sup>	%	m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	ppm	%	m <sup>3</sup>	m <sup>3</sup>					
217	03/10/2013	22:15	38.10	392	0	0	0	0	0	0.0	0	0.00	0.00	0.16	100	0.16	31.69	0.00	0.00	63000	7	0.0	0.00	6.19		
218	03/11/2013	00:15	Swab # 78	Tag = 1003 m				Pull = 1150.0m																		
219		00:15	38.10	397	0	0	0	0	0	0.0	0	0.00	0.00	0.25	100	0.25	31.94	0.00	0.00	63000	7	0.0	0.00	6.44		
220		02:15	Swab # 79	Tag = 1002 m				Pull = 1150.0m																		
221		02:15	38.10	362	0	0	0	0	0	0.0	0	0.00	0.00	0.17	100	0.17	32.11	0.00	0.00	70000	7	0.0	0.00	6.61		
222		02:15	Collect ONE 1liter low pressure fluid sample																							
223		04:15	Swab # 80	Tag = 1024.0 m				Pull = 1150.0m																		
224		04:15	38.10	367	0	0	0	0	0	0.0	0	0.00	0.00	0.26	100	0.26	32.37	0.00	0.00	71000	7	0.0	0.00	6.87		
225			*****Last 24 Hours***** Hours Flowed = 0 Daily Gas produced = 0.00 10 <sup>3</sup> m <sup>3</sup> , Daily Oil Produced = 0.00 m <sup>3</sup> , Daily Water Recovered = 2.82 m <sup>3</sup> Load Fluid Remaining = 0.00 m <sup>3</sup>												Job Summary***** Cumm Hours Flowed =0 Cumm Gas Produced = 0.00 10 <sup>3</sup> m <sup>3</sup> Cumm Oil Produced = 0.00 m <sup>3</sup> Cumm Water Recovered = 32.37 m <sup>3</sup> Cumm Water Produced = 6.87 m <sup>3</sup>											
226		06:15	Swab # 81	Tag = 1026.0 m				Pull = 1150.0m																		
227		06:15	38.10	386	0	0	0	0	0	0.0	0	0.00	0.00	0.17	100	0.17	32.54	0.00	0.00	70000	7	0.0	0.00	7.04		
228		08:00	Swab # 82	Tag = 1026.0 m				Pull = 1150.0m																		
229		08:00	38.10	355	0	0	0	0	0	0.0	0	0.00	0.00	0.27	100	0.27	32.81	0.00	0.00	68000	7	0.0	0.00	7.31		
230		10:00	Swab # 83	Tag = 1026.0 m				Pull = 1150.0m																		
231		10:00	38.10	374	0	0	0	0	0	0.0	0	0.00	0.00	0.18	100	0.18	32.99	0.00	0.00	72000	7	0.0	0.00	7.49		
232		12:00	Swab # 84	Tag = 1026.0 m				Pull = 1150.0m																		
233		12:00	38.10	319	0	0	0	0	0	0.0	0	0.00	0.00	0.18	100	0.18	33.17	0.00	0.00	62000	7	0.0	0.00	7.67		
234		14:00	Swab # 85	Tag = 1026.0 m				Pull = 1150.0m																		
235		14:00	38.10	366	0	0	0	0	0	0.0	0	0.00	0.00	0.18	100	0.18	33.35	0.00	0.00	62000	7	0.0	0.00	7.85		
236		16:00	Swab # 86	Tag = 1026.0 m				Pull = 1150.0m																		
237		16:00	38.10	318	0	0	0	0	0	0.0	0	0.00	0.00	0.19	100	0.19	33.54	0.00	0.00	62000	7	0.0	0.00	8.04		
238		18:00	Swab # 87	Tag = 1026.0 m				Pull = 1150.0m																		
239		18:00	38.10	288	0	0	0	0	0	0.0	0	0.00	0.00	0.24	100	0.24	33.78	0.00	0.00	62000	7	0.0	0.00	8.28		
240		18:00	Swab Crew To Change Swab Cup																							
241		20:00	Swab # 88	Tag = 987.0 m				Pull = 1150.0m																		
242		20:00	38.10	321	0	0	0	0	0	0.0	0	0.00	0.00	0.24	100	0.24	34.02	0.00	0.00	66000	7	0.0	0.00	8.52		
243		22:00	Swab # 89	Tag = 1025.0 m				Pull = 1150.0m																		
244		22:00	38.10	345	0	0	0	0	0	0.0	0	0.00	0.00	0.16	100	0.16	34.18	0.00	0.00	59000	7	0.0	0.00	8.68		
245	03/12/2013	00:00	Swab # 90	Tag = 1100.0 m				Pull = 1150.0m																		
246		00:00	38.10	324	0	0	0	0	0	0.0	0	0.00	0.00	0.25	100	0.25	34.43	0.00	0.00	58000	7	0.0	0.00	8.93		
247		00:00	Swab Crew Changed Cup																							
248		02:00	Swab # 91	Tag = 1024.0 m				Pull = 1150.0m																		
249		02:00	38.10	298	0	0	0	0	0	0.0	0	0.00	0.00	0.17	100	0.17	34.60	0.00	0.00	69000	7	0.0	0.00	9.10		
250		02:00	Collect ONE 1liter low pressure fluid sample																							
251		04:00	Swab # 92	Tag = 1022.0 m				Pull = 1150.0m																		
252		04:00	38.10	376	0	0	0	0	0	0.0	0	0.00	0.00	0.17	100	0.17	34.77	0.00	0.00	64000	7	0.0	0.00	9.27		

## Test Data 1

	Test Time		Well: 300H64500126000							Dry Flow Meter					Volume										
	Date	Time	Choke	Tubing	Casing	Flow Temp	Tubing 10K Record	Tubing 15K Record	Static	Diff	Temp	Plate	Rate	Cum	Volume Hrly Gain	BSW	Wtr Gain	Water Cum	Oil Gain	Oil Cum	Water Salinity	PH	Sed.	LF LTR (Wtr)	Produced Wtr
	mm/dd/yyyy	hh:mm	mm	kPag	kPag	°C	kPag	kPag	kPa	°C	mm	10 <sup>3</sup> m <sup>3</sup> /d	10 <sup>3</sup> m <sup>3</sup>	(l) m <sup>3</sup>	%	m <sup>3</sup>	ppm	%	m <sup>3</sup>	m <sup>3</sup>					
253	03/12/2013	05:55	Swab # 93	Tag = 1027.0 m																					
254		05:55	38.10	352	0	0	0	0	0	0.0	0.00	0.00	0.00	0.18	100	0.18	34.95	0.00	0.00	60000	7	0.0	0.00	9.45	
255		06:00	*****Last 24 Hours*****							Job Summary															
			Hours Flowed = 0							Cumm Hours Flowed = 0															
			Daily Gas produced = 0.00 10 <sup>3</sup> m <sup>3</sup> ,							Cumm Gas Produced = 0.00 10 <sup>3</sup> m <sup>3</sup>															
			Daily Oil Produced = 0.00 m <sup>3</sup> ,							Cumm Oil Produced = 0.00 m <sup>3</sup>															
			Daily Water Recovered = 2.58 m <sup>3</sup>							Cumm Water Recovered = 34.97 m <sup>3</sup>															
			Load Fluid Remaining = 0.00 m <sup>3</sup>							Cumm Water Produced = 9.47 m <sup>3</sup>															
			*****End Summary*****																						
256		08:00	Swab # 94	Tag = 1027.0 m																					
257		08:00	38.10	399	0	0	0	0	0	0.00	0.00	0.00	0.35	100	0.35	35.30	0.00	0.00	66000	7	0.0	0.00	9.80		
258		10:00	Swab # 95	Tag = 1027.0 m																					
259		10:00	38.10	356	0	0	0	0	0	0.00	0.00	0.00	0.18	100	0.18	35.48	0.00	0.00	66000	7	0.0	0.00	9.98		
260		12:00	Swab # 96	Tag = 1027.0 m																					
261		12:00	38.10	387	0	0	0	0	0	0.00	0.00	0.00	0.23	100	0.23	35.71	0.00	0.00	66000	7	0.0	0.00	10.21		
262		14:00	Swab # 97	Tag = 1027.0 m																					
263		14:00	38.10	369	0	0	0	0	0	0.00	0.00	0.00	0.13	100	0.13	35.84	0.00	0.00	62000	7	0.0	0.00	10.34		
264		16:00	Swab # 98	Tag = 1027.0 m																					
265		16:00	38.10	340	0	0	0	0	0	0.00	0.00	0.00	0.28	100	0.28	36.12	0.00	0.00	62000	7	0.0	0.00	10.62		
266		16:10	Swab Crew Changed Cup																						
267		18:00	Swab # 99	Tag = 1027.0 m																					
268		18:00	38.10	363	0	0	0	0	0	0.00	0.00	0.00	0.19	100	0.19	36.31	0.00	0.00	68000	7	0.0	0.00	10.81		
269		20:00	Swab # 100	Tag = 993.0 m																					
270		20:00	38.10	346	0	0	0	0	0	0.00	0.00	0.00	0.09	100	0.09	36.40	0.00	0.00	66000	7	0.0	0.00	10.90		
271		22:00	Swab # 101	Tag = 1029.0 m																					
272		22:00	38.10	357	0	0	0	0	0	0.00	0.00	0.00	0.19	100	0.19	36.59	0.00	0.00	63000	7	0.0	0.00	11.09		
273	03/13/2013	00:00	Swab # 102	Tag = 1024.0 m																					
274		00:00	38.10	371	0	0	0	0	0	0.00	0.00	0.00	0.19	100	0.19	36.78	0.00	0.00	62000	7	0.0	0.00	11.28		
275		00:00	Swab Crew Change Swab Cup																						
276		01:55	Swab # 103	Tag = 1033.0 m																					
277		01:55	38.10	360	0	0	0	0	0	0.00	0.00	0.00	0.19	100	0.19	36.97	0.00	0.00	60000	7	0.0	0.00	11.47		
278		04:00	Swab # 104	Tag = 1030.0 m																					
279		04:00	38.10	351	0	0	0	0	0	0.00	0.00	0.00	0.20	100	0.20	37.17	0.00	0.00	63000	7	0.0	0.00	11.67		
280		05:55	Swab # 105	Tag = 1040.0 m																					
281		05:55	38.10	383	0	0	0	0	0	0.00	0.00	0.00	0.09	100	0.09	37.26	0.00	0.00	61000	7	0.0	0.00	11.76		

## Test Data 1

	Test Time		Well: 300H64500126000							Dry Flow Meter					Volume										
	Date	Time	Choke	Tubing	Casing	Flow Temp	Tubing 10K Record	Tubing 15K Record	Static	Diff	Temp	Plate	Rate	Cum	Volume Hrly Gain	BSW	Wtr Gain	Water Cum	Oil Gain	Oil Cum	Water Salinity	PH	Sed.	LF LTR (Wtr)	Produced Wtr
	mm/dd/yyyy	hh:mm	mm	kPag	kPag	°C	kPag	kPag	kPa	°C	mm	10 <sup>3</sup> m <sup>3</sup> /d	10 <sup>3</sup> m <sup>3</sup>	(l) m <sup>3</sup>	%	m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	ppm	%	m <sup>3</sup>	m <sup>3</sup>		
282	03/13/2013	06:00	*****Last 24 Hours***** Hours Flowed = 0 Daily Gas produced = 0.00 10 <sup>3</sup> m <sup>3</sup> , Daily Oil Produced = 0.00 m <sup>3</sup> , Daily Water Recovered = 2.31 m <sup>3</sup> Load Fluid Remaining = 0.00 m <sup>3</sup>							Job Summary***** Cumm Hours Flowed = 0 Cumm Gas Produced = 0.00 10 <sup>3</sup> m <sup>3</sup> Cumm Oil Produced = 0.00 m <sup>3</sup> Cumm Water Recovered = 37.28 m <sup>3</sup> Cumm Water Produced = 11.78 m <sup>3</sup>															
283		08:00	Swab # 106 Tag = 1022.0 m							Pull = 1150.0m															
284		08:00	38.10	356	0	0	0	0	0	0.00	0.00	0.00	0.39	100	0.39	37.65	0.00	0.00	68000	7	0.0	0.00	12.15		
285		10:00	Swab # 107 Tag = 1055.0 m							Pull = 1150.0m															
286		10:00	38.10	362	0	0	0	0	0	0.00	0.00	0.00	0.20	100	0.20	37.85	0.00	0.00	68000	7	0.0	0.00	12.35		
287		12:00	Swab # 108 Tag = 1045.0 m							Pull = 1150.0m															
288		12:00	38.10	381	0	0	0	0	0	0.00	0.00	0.00	0.19	100	0.19	38.04	0.00	0.00	68000	7	0.0	0.00	12.54		
289		14:10	Swab # 109 Tag = 1045.0 m							Pull = 1150.0m															
290		14:10	38.10	401	0	0	0	0	0	0.00	0.00	0.00	0.20	100	0.20	38.24	0.00	0.00	66000	7	0.0	0.00	12.74		
291		16:00	Swab # 110 Tag = 1040.0 m							Pull = 1150.0m															
292		16:00	38.10	378	0	0	0	0	0	0.00	0.00	0.00	0.20	100	0.20	38.44	0.00	0.00	66000	7	0.0	0.00	12.94		
293		18:00	Swab # 111 Tag = 1050.0 m							Pull = 1150.0m															
294		18:00	38.10	375	0	0	0	0	0	0.00	0.00	0.00	0.16	100	0.16	38.60	0.00	0.00	70000	7	0.0	0.00	13.10		
295		20:00	Swab # 112 Tag = 1050.0 m							Pull = 1150.0m															
296		20:00	38.10	390	0	0	0	0	0	0.00	0.00	0.00	0.16	100	0.16	38.76	0.00	0.00	68000	7	0.0	0.00	13.26		
297		22:00	Swab # 113 Tag = 1039.0 m							Pull = 1150.0m															
298		22:00	38.10	256	0	0	0	0	0	0.00	0.00	0.00	0.25	100	0.25	39.01	0.00	0.00	66000	7	0.0	0.00	13.51		
299	03/14/2013	00:00	Swab # 114 Tag = 1044.0 m							Pull = 1150.0m															
300		00:00	38.10	333	0	0	0	0	0	0.00	0.00	0.00	0.18	100	0.18	39.19	0.00	0.00	71000	7	0.0	0.00	13.69		
301		00:00	Swab Crew To Change Swab Cups																						
302		01:55	Swab # 115 Tag = 1049.0 m							Pull = 1150.0m															
303		01:55	38.10	354	0	0	0	0	0	0.00	0.00	0.00	0.17	100	0.17	39.36	0.00	0.00	67000	7	0.0	0.00	13.86		
304		03:55	Swab # 116 Tag = 1043.0 m							Pull = 1150.0m															
305		03:55	38.10	342	0	0	0	0	0	0.00	0.00	0.00	0.17	100	0.17	39.53	0.00	0.00	68000	7	0.0	0.00	14.03		
306		05:55	Swab # 117 Tag = 1038.0 m							Pull = 1150.0m															
307		05:55	38.10	343	0	0	0	0	0	0.00	0.00	0.00	0.18	100	0.18	39.71	0.00	0.00	64000	7	0.0	0.00	14.21		
308		06:00	Swab Crew To Change Swab Cup																						
309		06:00	*****Last 24 Hours***** Hours Flowed = 0 Daily Gas produced = 0.00 10 <sup>3</sup> m <sup>3</sup> , Daily Oil Produced = 0.00 m <sup>3</sup> , Daily Water Recovered = 2.43 m <sup>3</sup> Load Fluid Remaining = 0.00 m <sup>3</sup>							Job Summary***** Cumm Hours Flowed = 0 Cumm Gas Produced = 0.00 10 <sup>3</sup> m <sup>3</sup> Cumm Oil Produced = 0.00 m <sup>3</sup> Cumm Water Recovered = 39.72 m <sup>3</sup> Cumm Water Produced = 14.22 m <sup>3</sup>															
310		08:00	Swab # 118 Tag = 1060.0 m							Pull = 1150.0m															

## Test Data 1

	Test Time		Well: 300H64500126000							Dry Flow Meter					Volume											
	Date	Time	Choke	Tubing	Casing	Flow Temp	Tubing 10K Record	Tubing 15K Record	Static	Diff	Temp	Plate	Rate	Cum	Volume Hrly Gain	BSW	Wtr Gain	Water Cum	Oil Gain	Oil Cum	Water Salinity	PH	Sed.	LF LTR (Wtr)	Produced Wtr	
	mm/dd/yyyy	hh:mm	mm	kPag	kPag	°C	kPag	kPag	mm	10 <sup>3</sup> m <sup>3</sup> /d	10 <sup>3</sup> m <sup>3</sup>	(l) m <sup>3</sup>	%	m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	ppm	%	m <sup>3</sup>	m <sup>3</sup>					
311	03/14/2013	08:00	38.10	387	0	0	0	0	0	0.0	0.00	0.00	0.27	100	0.27	39.98	0.00	0.00	68000	7	0.0	0.00	14.48			
312		08:10	Tubing is left venting through 38.10mm (choke by-pass) between swabs																							
313		10:05	Swab # 119 Tag = 1060.0 m Pull = 1150.0m																							
314		10:05	38.10	0	0	0	0	0	0	0.0	0.00	0.00	0.18	100	0.18	40.16	0.00	0.00	68000	7	0.0	0.00	14.66			
315		12:05	Swab # 120 Tag = 1060.0 m Pull = 1150.0m																							
316		12:05	38.10	0	0	0	0	0	0	0.0	0.00	0.00	0.18	100	0.18	40.34	0.00	0.00	64000	7	0.0	0.00	14.84			
317		14:00	Swab # 121 Tag = 1060.0 m Pull = 1150.0m																							
318		14:00	38.10	0	0	0	0	0	0	0.0	0.00	0.00	0.19	100	0.19	40.53	0.00	0.00	60000	7	0.0	0.00	15.03			
319		16:00	Swab # 122 Tag = 1060.0 m Pull = 1150.0m																							
320		16:00	38.10	0	0	0	0	0	0	0.0	0.00	0.00	0.18	100	0.18	40.71	0.00	0.00	60000	7	0.0	0.00	15.21			
321		16:10	Swab Crew To Change Swab Cups																							
322		18:00	Swab # 123 Tag = 1050.0 m Pull = 1150.0m																							
323		18:00	38.10	0	0	0	0	0	0	0.0	0.00	0.00	0.15	100	0.15	40.86	0.00	0.00	60000	7	0.0	0.00	15.36			
324		20:00	Swab # 124 Tag = 1060.0 m Pull = 1150.0m																							
325		20:00	38.10	0	0	0	0	0	0	0.0	0.00	0.00	0.14	100	0.14	41.00	0.00	0.00	61000	7	0.0	0.00	15.50			
326		22:00	Swab # 125 Tag = 1037.0 m Pull = 1150.0m																							
327		22:00	38.10	0	0	0	0	0	0	0.0	0.00	0.00	0.19	100	0.19	41.19	0.00	0.00	64000	7	0.0	0.00	15.69			
328	03/15/2013	00:00	Swab # 126 Tag = 1044.0 m Pull = 1150.0m																							
329		00:00	38.10	0	0	0	0	0	0	0.0	0.00	0.00	0.19	100	0.19	41.38	0.00	0.00	64000	7	0.0	0.00	15.88			
330		00:00	Swab Crew Chage Cup																							
331		02:00	Swab # 127 Tag = 1036.0 m Pull = 1150.0m																							
332		02:00	38.10	0	0	0	0	0	0	0.0	0.00	0.00	0.09	100	0.09	41.47	0.00	0.00	60000	7	0.0	0.00	15.97			
333		02:00	Collect ONE 1liter low pressure fluid sample																							
334		04:00	Swab # 128 Tag = 1047.0 m Pull = 1150.0m																							
335		04:00	38.10	0	0	0	0	0	0	0.0	0.00	0.00	0.20	100	0.20	41.67	0.00	0.00	61000	7	0.0	0.00	16.17			
336		06:00	Swab # 129 Tag = 1045.0 m Pull = 1150.0m																							
337		06:00	38.10	0	0	0	0	0	0	0.0	0.00	0.00	0.19	100	0.19	41.86	0.00	0.00	66000	7	0.0	0.00	16.36			
338		06:00	Swab Crew To Change Cup																							
339		06:00	*****Last 24 Hours***** Hours Flowed = 0 Daily Gas produced = 0.00 10 <sup>3</sup> m <sup>3</sup> , Daily Oil Produced = 0.00 m <sup>3</sup> , Daily Water Recovered = 2.15 m <sup>3</sup> Load Fluid Remaining = 0.00 m <sup>3</sup>												Job Summary***** Cumm Hours Flowed =0 Cumm Gas Produced = 0.00 10 <sup>3</sup> m <sup>3</sup> Cumm Oil Produced = 0.00 m <sup>3</sup> Cumm Water Recovered = 41.86 m <sup>3</sup> Cumm Water Produced = 16.36 m <sup>3</sup>											
340		08:00	Swab # 130 Tag = 1040.0 m Pull = 1150.0m																							
341		08:00	38.10	0	0	0	0	0	0	0.0	0.00	0.00	0.29	100	0.29	42.15	0.00	0.00	68000	7	0.0	0.00	16.65			
342		10:00	Swab # 131 Tag = 1040.0 m Pull = 1150.0m																							
343		10:00	38.10	0	0	0	0	0	0	0.0	0.00	0.00	0.20	100	0.20	42.35	0.00	0.00	68000	7	0.0	0.00	16.85			
344		12:00	Swab # 132 Tag = 1040.0 m Pull = 1150.0m																							
345		12:00	38.10	0	0	0	0	0	0	0.0	0.00	0.00	0.20	100	0.20	42.55	0.00	0.00	64000	7	0.0	0.00	17.05			

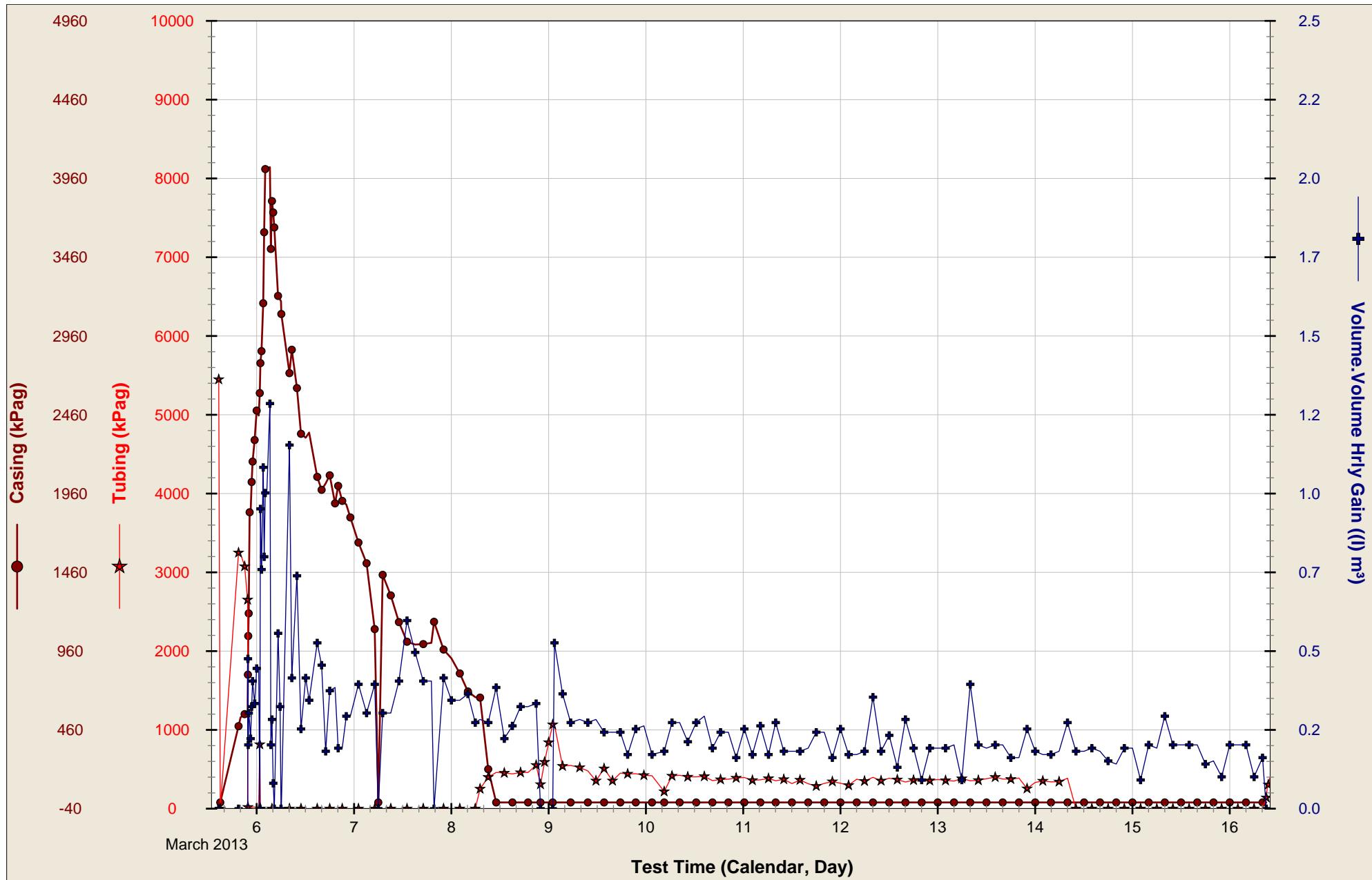
## Test Data 1

	Test Time		Well: 300H64500126000							Dry Flow Meter					Volume											
	Date	Time	Choke	Tubing	Casing	Flow Temp	Tubing 10K Record	Tubing 15K Record	Static	Diff	Temp	Plate	Rate	Cum	Volume Hrly Gain	BSW	Wtr Gain	Water Cum	Oil Gain	Oil Cum	Water Salinity	PH	Sed.	LF LTR (Wtr)	Produced Wtr	
	mm/dd/yyyy	hh:mm	mm	kPag	kPag	°C	kPag	kPag	kPa	°C	mm	10 <sup>3</sup> m <sup>3</sup> /d	10 <sup>3</sup> m <sup>3</sup>	(l) m <sup>3</sup>	%	m <sup>3</sup>	ppm	%	m <sup>3</sup>	m <sup>3</sup>						
346	03/15/2013	14:00	Swab # 133	Tag = 1040.0 m																					17.25	
347		14:00	38.10	0	0	0	0	0	0.0	0	0.00	0.00	0.00	0.20	100	0.20	42.75	0.00	0.00	60000	7	0.0	0.00	17.25		
348		16:00	Swab # 134	Tag = 1020.0 m																						
349		16:00	38.10	0	0	0	0	0	0.0	0	0.00	0.00	0.00	0.20	100	0.20	42.95	0.00	0.00	62000	7	0.0	0.00	17.45		
350		16:15	Swab Crew To Change Cup																							
351		18:00	Swab # 135	Tag = 1025.0 m																						17.59
352		18:00	38.10	0	0	0	0	0	0.0	0	0.00	0.00	0.00	0.14	100	0.14	43.09	0.00	0.00	64000	7	0.0	0.00	17.59		
353		20:00	Swab # 136	Tag = 1048.0 m																						
354		20:00	38.10	0	0	0	0	0	0.0	0	0.00	0.00	0.00	0.15	100	0.15	43.24	0.00	0.00	65000	7	0.0	0.00	17.74		
355		22:00	Swab # 137	Tag = 1050.0 m																						
356		22:00	38.10	0	0	0	0	0	0.0	0	0.00	0.00	0.00	0.10	100	0.10	43.34	0.00	0.00	64000	7	0.0	0.00	17.84		
357	03/16/2013	00:00	Swab # 138	Tag = 1050.0 m																						
358		00:00	38.10	0	0	0	0	0	0.0	0	0.00	0.00	0.00	0.20	100	0.20	43.54	0.00	0.00	67000	7	0.0	0.00	18.04		
359		02:00	Swab # 139	Tag = 1050.0 m																						
360		02:00	38.10	0	0	0	0	0	0.0	0	0.00	0.00	0.00	0.20	100	0.20	43.74	0.00	0.00	66000	7	0.0	0.00	18.24		
361		02:00	Collect two 1ltr water samples.																							
362		04:00	Swab # 140	Tag = 1047.0 m																						
363		04:00	38.10	0	0	0	0	0	0.0	0	0.00	0.00	0.00	0.20	100	0.20	43.94	0.00	0.00	66000	7	0.0	0.00	18.44		
364		06:00	Swab # 141	Tag = 1048.0 m																						
365		06:00	38.10	0	0	0	0	0	0.0	0	0.00	0.00	0.00	0.10	100	0.10	44.04	0.00	0.00	65000	7	0.0	0.00	18.54		
366		06:00	*****Last 24 Hours*****																							
			Hours Flowed = 0																							
			Daily Gas produced = 0.00 10 <sup>3</sup> m <sup>3</sup> ,																							
			Daily Oil Produced = 0.00 m <sup>3</sup> ,																							
			Daily Water Recovered = 2.18 m <sup>3</sup>																							
			Load Fluid Remaining = 0.00 m <sup>3</sup>																							
			*****End Summary*****																							
367		08:05	Swab # 142	Tag = 1048.0 m																						
368		08:05	38.10	0	0	0	0	0	0.0	0	0.00	0.00	0.00	0.16	100	0.16	44.20	0.00	0.00	65000	7	0.0	0.00	18.70		
369		08:05	Collect two 1ltr water samples.																							
370		09:00	Monitor and record tubing pressure																							
371		09:00	38.10	142	0	0	0	0	0.0	0	0.00	0.00	0.00	0.00	100	0.00	44.20	0.00	0.00						0.00	18.70
372		09:05	38.10	200																100						
373		09:10	38.10	220																100						
374		09:15	38.10	260																100						
375		09:30	38.10	305																100						
376		09:45	38.10	360																100						
377		10:00	38.10	410																100						

## Test Data 1

	Test Time		Well: 300H64500126000							Dry Flow Meter						Volume									
	Date	Time	Choke	Tubing	Casing	Flow Temp	Tubing 10K Record	Tubing 15K Record	Static	Diff	Temp	Plate	Rate	Cum	Volume Hrly Gain	BSW	Wtr Gain	Water Cum	Oil Gain	Oil Cum	Water Salinity	PH	Sed.	LF LTR (Wtr)	Produced Wtr
	mm/dd/yyyy	hh:mm	mm	kPag	kPag	°C	kPag	kPag	kPa	°C	mm	10 <sup>3</sup> m <sup>3</sup> /d	10 <sup>3</sup> m <sup>3</sup>	(l) m <sup>3</sup>	%	m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	ppm		%	m <sup>3</sup>	m <sup>3</sup>	
378			*****Last 24 Hours*****												*****Job Summary*****										
			Hours Flowed = 0												Cumm Hours Flowed =0										
			Daily Gas produced = 0.00 10 <sup>3</sup> m <sup>3</sup> ,												Cumm Gas Produced = 0.00 10 <sup>3</sup> m <sup>3</sup>										
			Daily Oil Produced = 0.00 m <sup>3</sup> ,												Cumm Oil Produced = 0.00 m <sup>3</sup>										
			Daily Water Recovered = 0.16 m <sup>3</sup>												Cumm Water Recovered = 44.20 m <sup>3</sup>										
			Load Fluid Remaining = 0.00 m <sup>3</sup>												Cumm Water Produced = 18.70 m <sup>3</sup>										
			*****End Summary*****																						

Plot 1



**Well Name: HUSKY LITTLE BEAR H-64**

Licensed UWI 300H64650012600	Surface Legal Location 300H64650012600	License # 462	Field Name SLATER RIVER	State/Province N.W.T.
Sour Class Sweet	ERP Required No	Lahee Classification TH (C)	Business Unit Canada Frontier - Exploration	Well Status Drilled and Cased
Cut/Fill (m) 0.0	Ground Elv. (m) 178.00	KB Elevation (m) 183.20	KB to Gnd (m) 5.20	KB-CF (m) 5.47

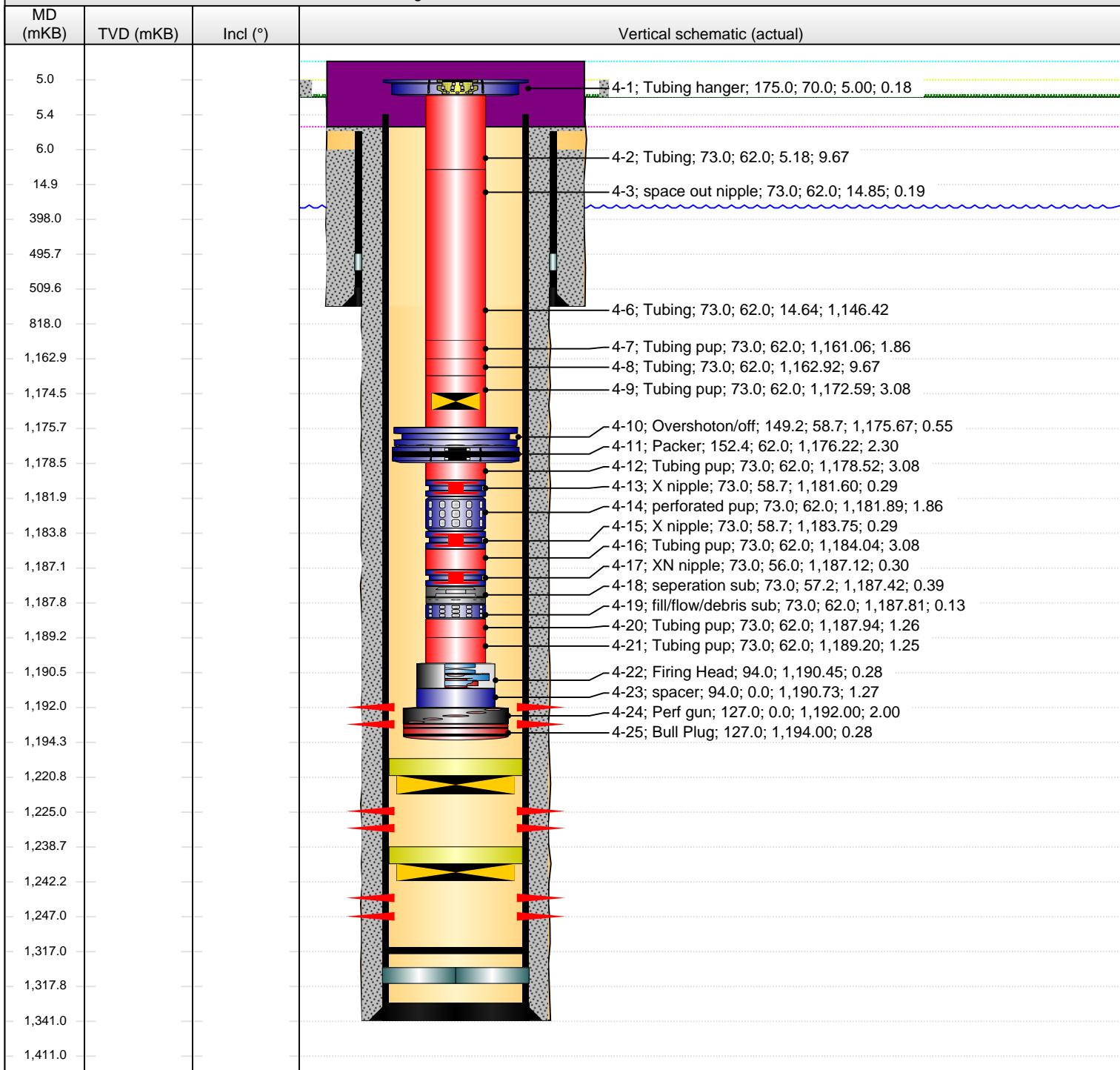
 KB-TH (m)  
5.00  
TD All (TVD) (mKB)  
Original Hole -  
1,340.79  
PBTD (All) (mKB)  
Original Hole -  
1,317.00

**Most Recent Job**

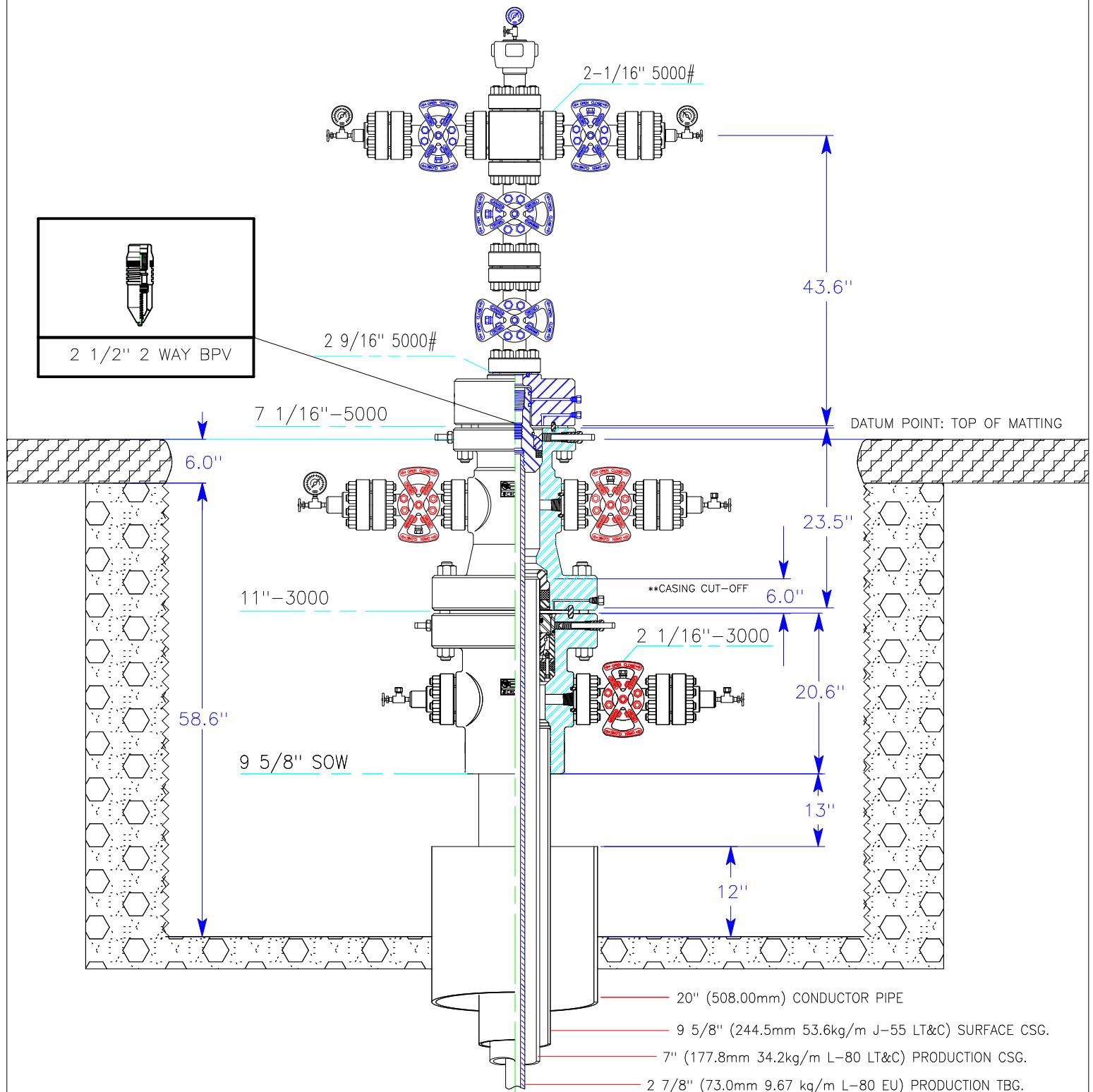
Job Category Completion	Primary Job Type Initial Completion	Secondary Job Type Other	Start Date 1/19/2013	End Date 8/5/2013
----------------------------	--	-----------------------------	-------------------------	----------------------

**TD: 1,341.00**

VERT - Original Hole, 300H64650012600, 8/28/2013 2:51:04 PM



FINAL COMPLETION  
ASSEMBLY



\*Note: Dimensions +/- 0.5" due to forging

Drawing is not to scale, and only used as representation

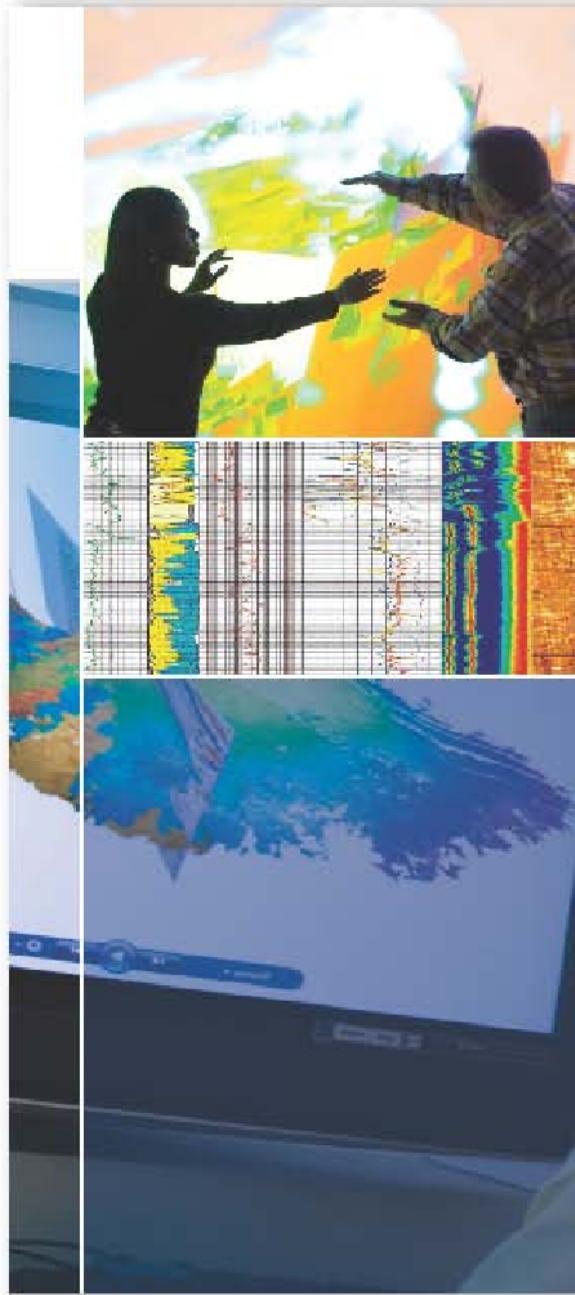
HUSKY et al LITTLE BEAR  
N-9 AND H-64

DWN.		10/18/12
CHK.		
APPR.		
	BY:	DATE

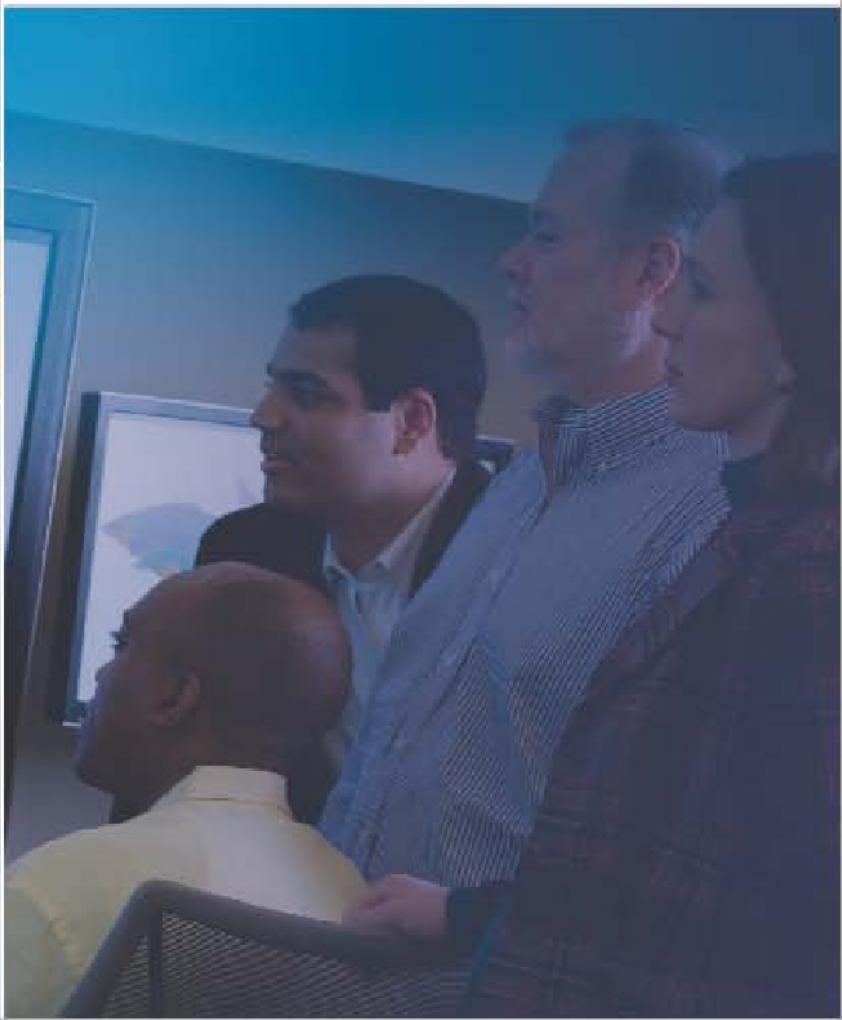


EDMONTON, AB.  
CANADA

DRAWING No.  
C2041 R4  
PAGE 2 OF 2



## PetroTechnical Services



### USI/CBL Evaluation

Company	HUSKY OIL OPERATIONS LIMITED
Field	SLATER RIVER
Well Name	HUSKY LITTLE BEAR H-64
UWI	300h64500126000
Log Date	10-Feb-2013
Analyst	D. Brooke

## Disclaimer

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## **Casing Integrity Advisor – USI/CBL Cement Evaluation**

Company Name: Husky Oil Operations Ltd.  
Well Name: Husky Little Bear H-64  
Field: Slater River  
Survey Date: 10 Feb 2013

**Objectives:** The Ultra Sonic Imaging Tool (USI) and Cement Bond Log (CBL) were run to evaluate the cement bond of the primary casing string.

**Casing Details:** 244.5 mm, 53.58 kg/m, J-55  
177.8 mm, 34.23 kg/m, L-80, landed at 1,311.5 mKB

**Cement Details:** Lead: 14.8 T of Hi-Lite 1400, 0.2% D046 anti-foam, 1.2% FLAC B348  
Tail: 15.2 tonnes "G" cement with 0.2% anti-foam, 0.5% dispersant, 0.4% fluid loss, 0.13% retarder  
7 m<sup>3</sup> returns to surface

**Logged Intervals:** 25 – 1,312 mKB, USI-CBL, 14 Mpa Main Pass  
74 – 1,311 mKB, USI-CBL, 0 MPa Main Pass  
1,220 – 1,311 mKB, USI-CBL, 0 MPa Repeat Pass

### **Cement Interpretation:**

- Top of cement was found at the top of the logged interval at 25 mKB.
- The pressured pass indicated a dry micro-annulus is present. A composite presentation of the two passes is presented for review.
- It appears the transition to the lead cement starts at approximately 975 mKB.
- Formation arrivals were evident on the pressured pass.
- A full listing of 14 Mpa pass cement coverage is included in the zone summary table attached.
- The pressured pass was used for this interpretation. Please refer to the attached composite logs for further review.

### **Notes:**

The attached Composite Log presents the % of solids, classified as either bonded or micro-debonded from the USI algorithm, in contact with the casing. The yellow represents greater than 80% coverage of solids behind casing. Gray indicates between 50 to 80% of solids in contact with the casing while white represents less than 50% of solids coverage in contact with the casing. The Isolation track summarizes the interpretation of the USI and CBL outputs. The green coding indicates probable to good isolation, while the yellow indicates possible isolation and the red indicates minimal to no isolation.

The Cement Isolation Zones Table calculates the % Coverage from micro-debonded ratio (MDR) which includes the good bonded as well as the micro-debonded cement. The average index is presented as well as the low and high readings. Also presented is the per cent coverage as determined by the CBL discriminated bond index. Again, yellow indicates greater than 80% bond, grey indicates between 50 and 80%, white represents less than 50% bond. The isolation column is the interpretation from the log as stated above.

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# Casing Integrity Advisor

**Schlumberger**

**Company Name:**

**HUSKY OIL OPERATIONS LIMITED**

**Well Name:**

**HUSKY LITTLE BEAR H-64**

**Field:**

**SLATER RIVER**

## Cement Zoning Parameters

Interpretation Parameters		Value
Channel(s)		MDR, DBI
Min. Isolation Interval (m)		3.1
Min. height to next Isolation zone (m)		5
Bond Index Threshold		0.8
Good Isolation Threshold	80	
Fair Isolation Threshold	50	
Poor/No Isolation Threshold	0	

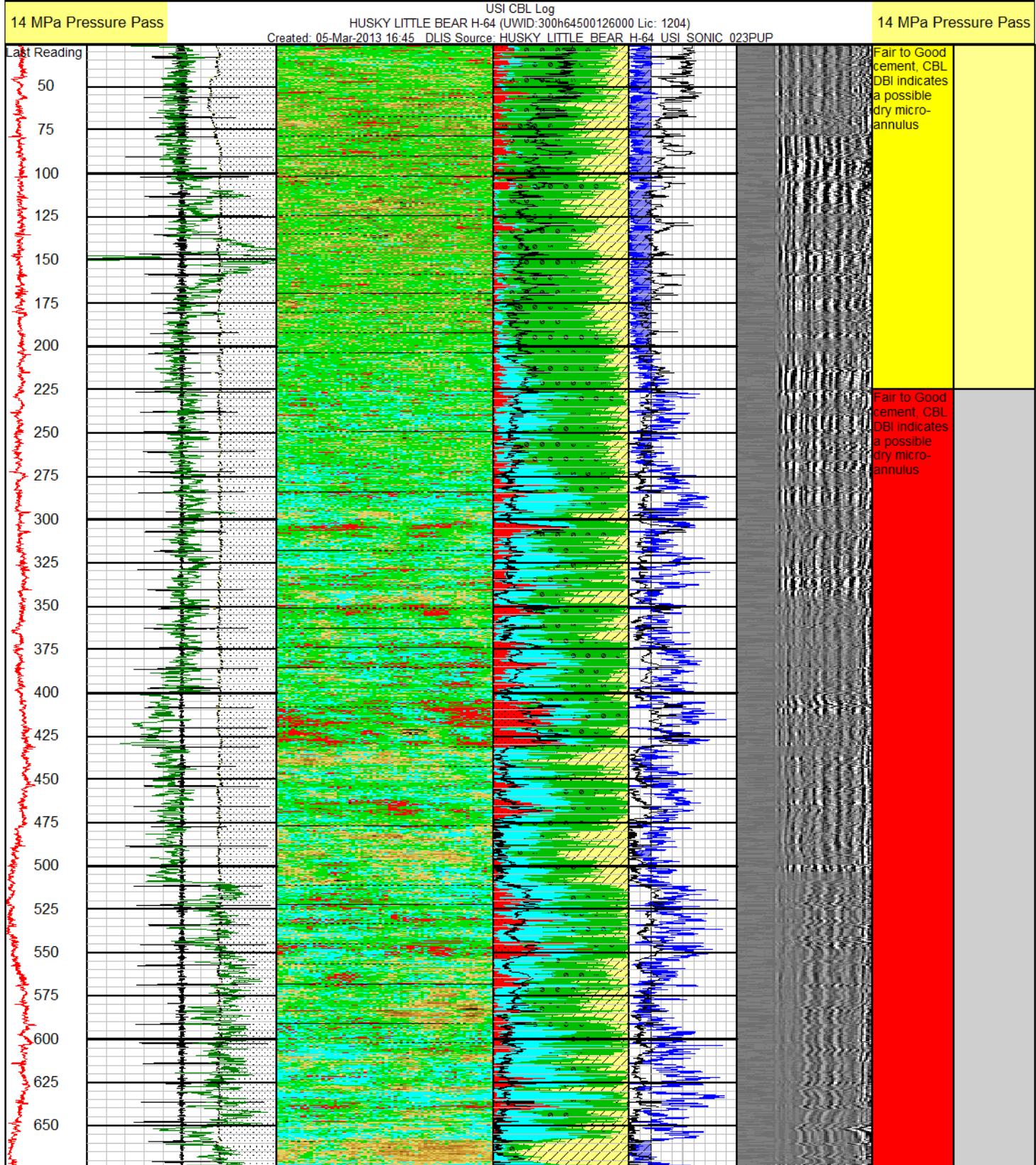
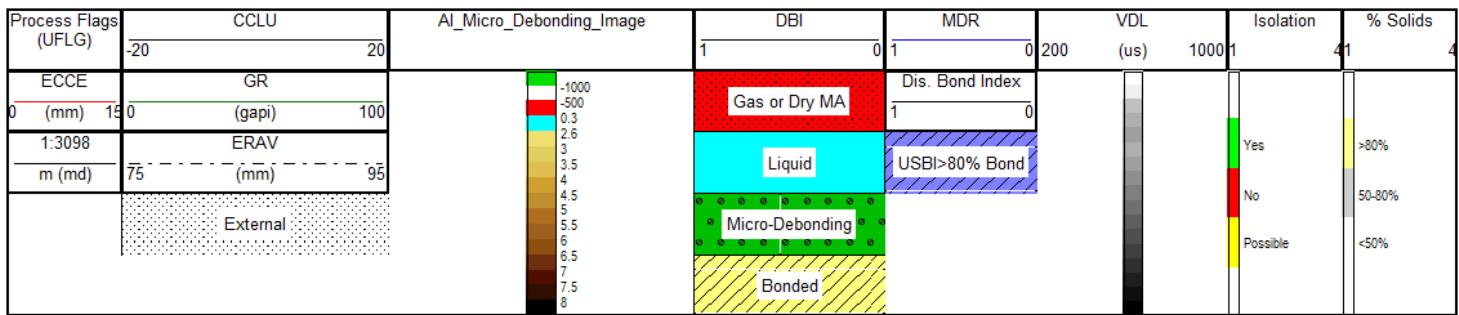
## Cement Isolation Zones

#	Top (m)	Base	Height	% Coverage from	% Coverage from	Isolation?	Interpretation
1	26.1	225.5	199.4	 93.6% (59.7 to 100.0)	 70.4% (28.8 to 93.9)	Possible	 Fair to Good cement, CBL DBI indicates a possible dry micro-annulus
2	225.5	770.6	545.1	 69.3% (9.7 to 100.0)	 87.4% (32.5 to 115.6)	No	 Fair to Good cement, CBL DBI indicates a possible dry micro-annulus
3	770.6	983.7	213.1	 85.3% (37.5 to 100.0)	 96.8% (12.1 to 117.9)	Possible	 Good cement, CBL DBI indicates a possible dry micro-annulus
4	983.7	1032.4	48.7	 95.0% (47.2 to 100.0)	 92.5% (70.0 to 110.9)	Yes	 Good cement
5	1032.4	1045.7	13.3	 82.4% (59.7 to 100.0)	 95.5% (83.5 to 111.6)	Possible	 Micro-debonded channel
6	1045.7	1080.7	35.0	 93.8% (51.4 to 100.0)	 92.7% (82.7 to 103.1)	Yes	 Micro-debonded cement
7	1080.7	1098.7	18.0	 99.2% (84.7 to 100.0)	 93.8% (76.1 to 102.0)	Yes	 Good cement
8	1098.7	1169.5	70.8	 92.6% (65.3 to 100.0)	 92.6% (65.7 to 113.1)	Yes	 Micro-debonded cement
9	1169.5	1312.3	142.8	 96.4% (44.4 to 100.0)	 94.3% (66.8 to 119.4)	Yes	 Good cement

Cement Coverage color coding is based on 3.1 m or more of 80% cement using ;

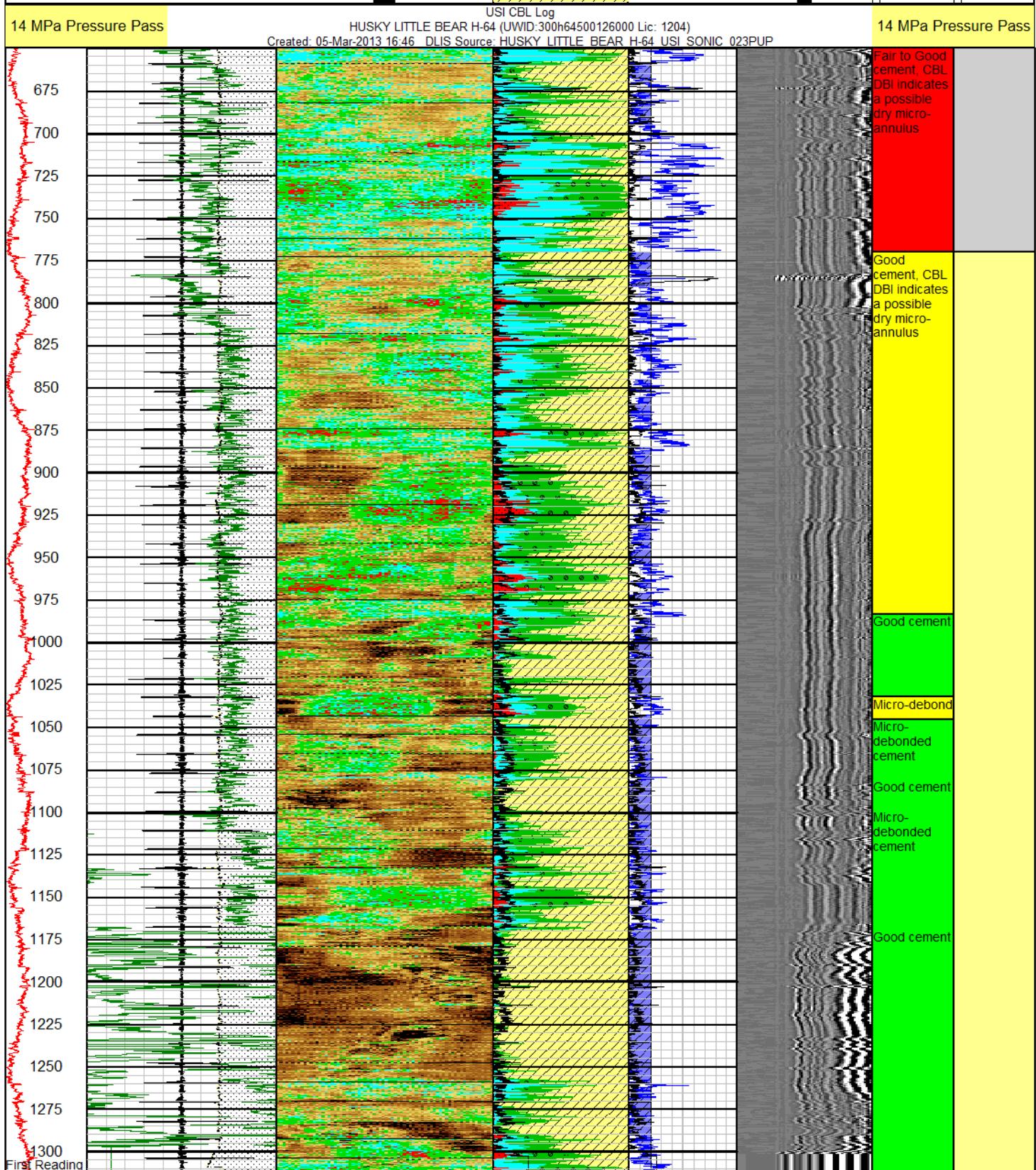
'Isolation?' is an interpretation of Hydraulic Isolation based on observed cement quality and distribution in each zone.

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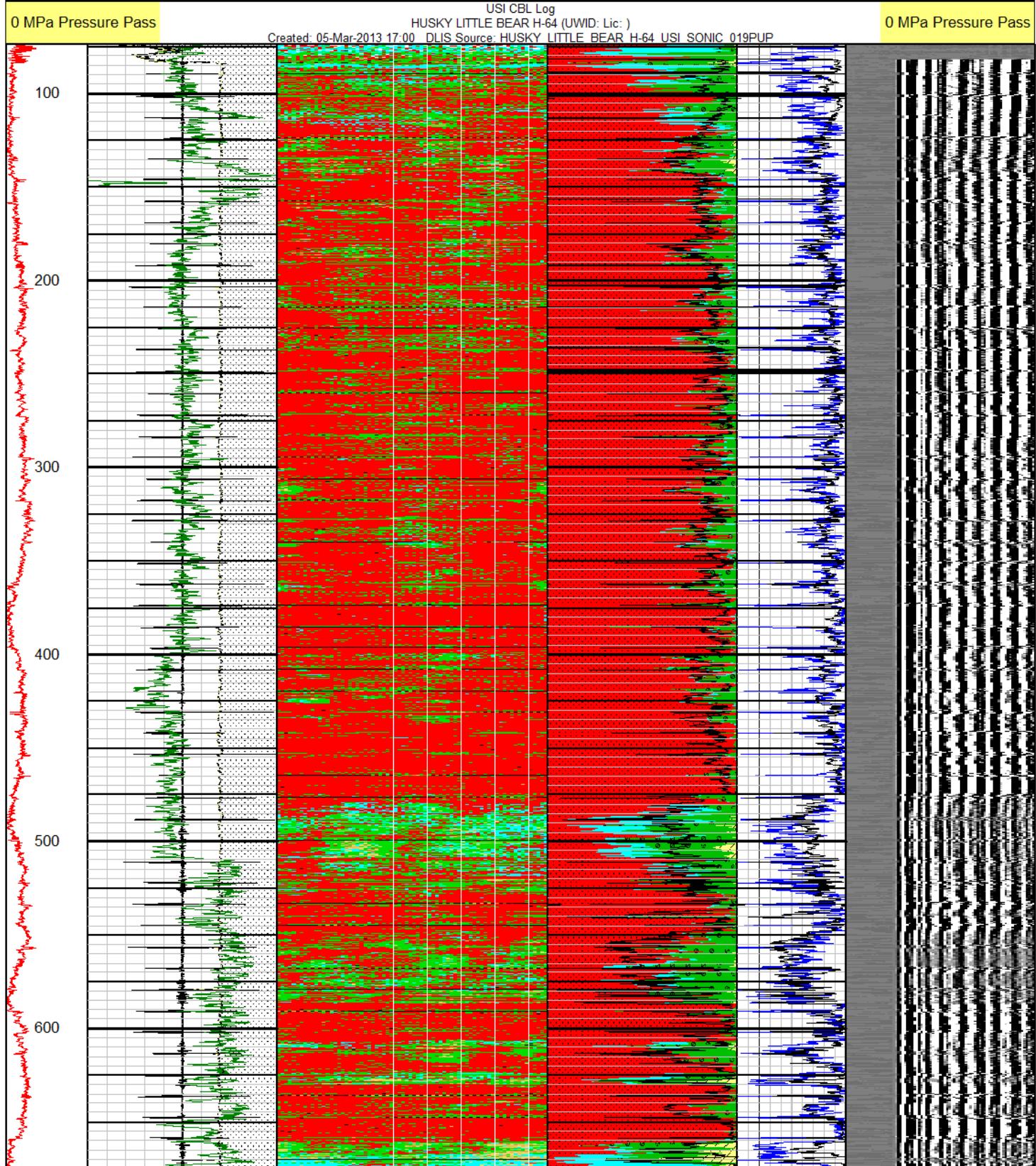
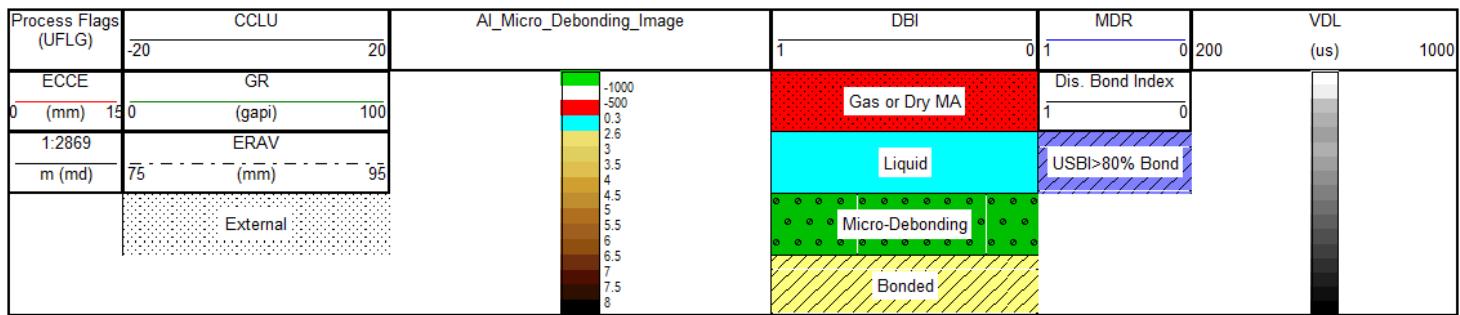


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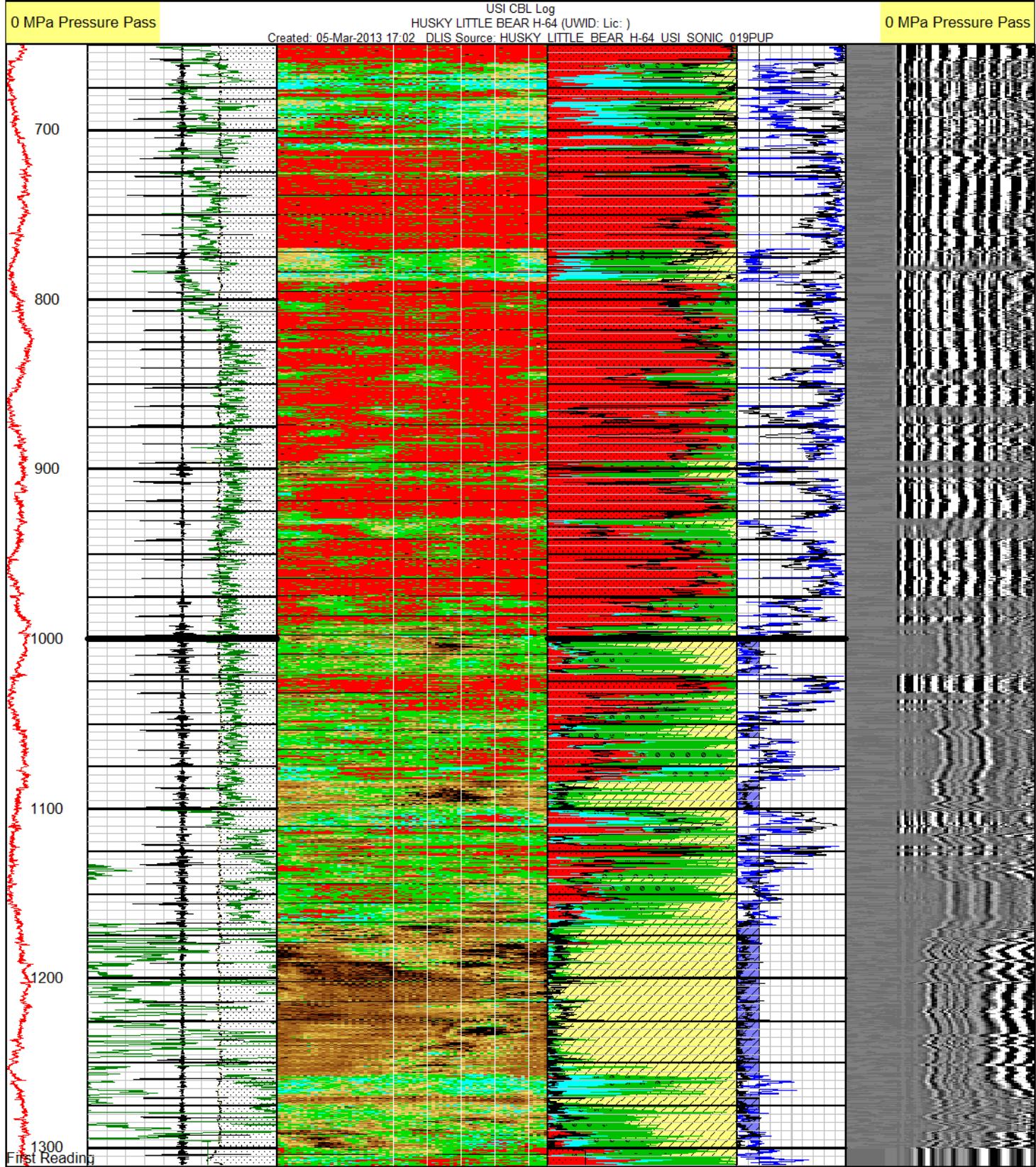
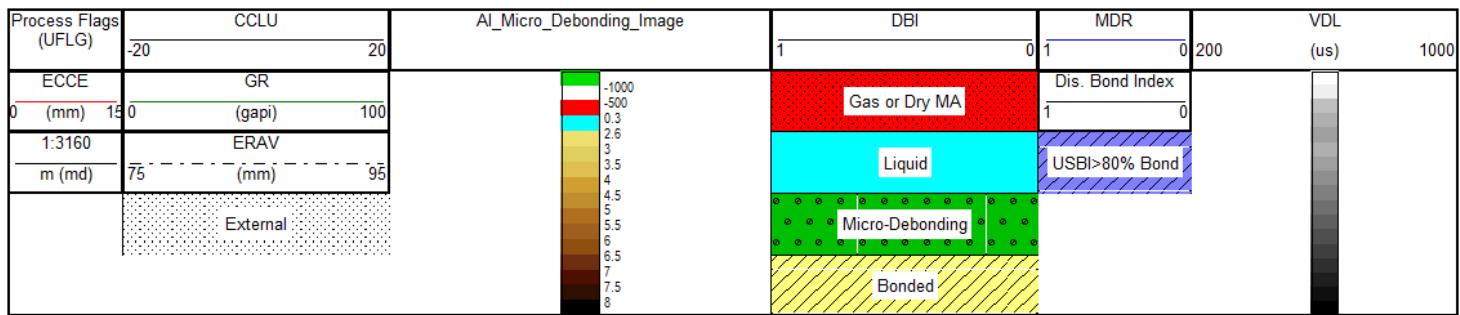
Process Flags (UFLG)	CCLU	AI_Micro_Debonding_Image	DBI	MDR	VDL (us)	Isolation	% Solids
	-20 20		1 0	1 0	200	1	41
ECCE	GR			Dis. Bond Index			
0 (mm)	0 (gapi)		1	0			
1.3162	ERA V		Gas or Dry MA				
m (md)	75 (mm)		2.6				
	95		3				
			3.5				
			4				
			4.5				
			5				
			5.5				
			6				
			6.5				
			7				
			7.5				
			8				
		External					



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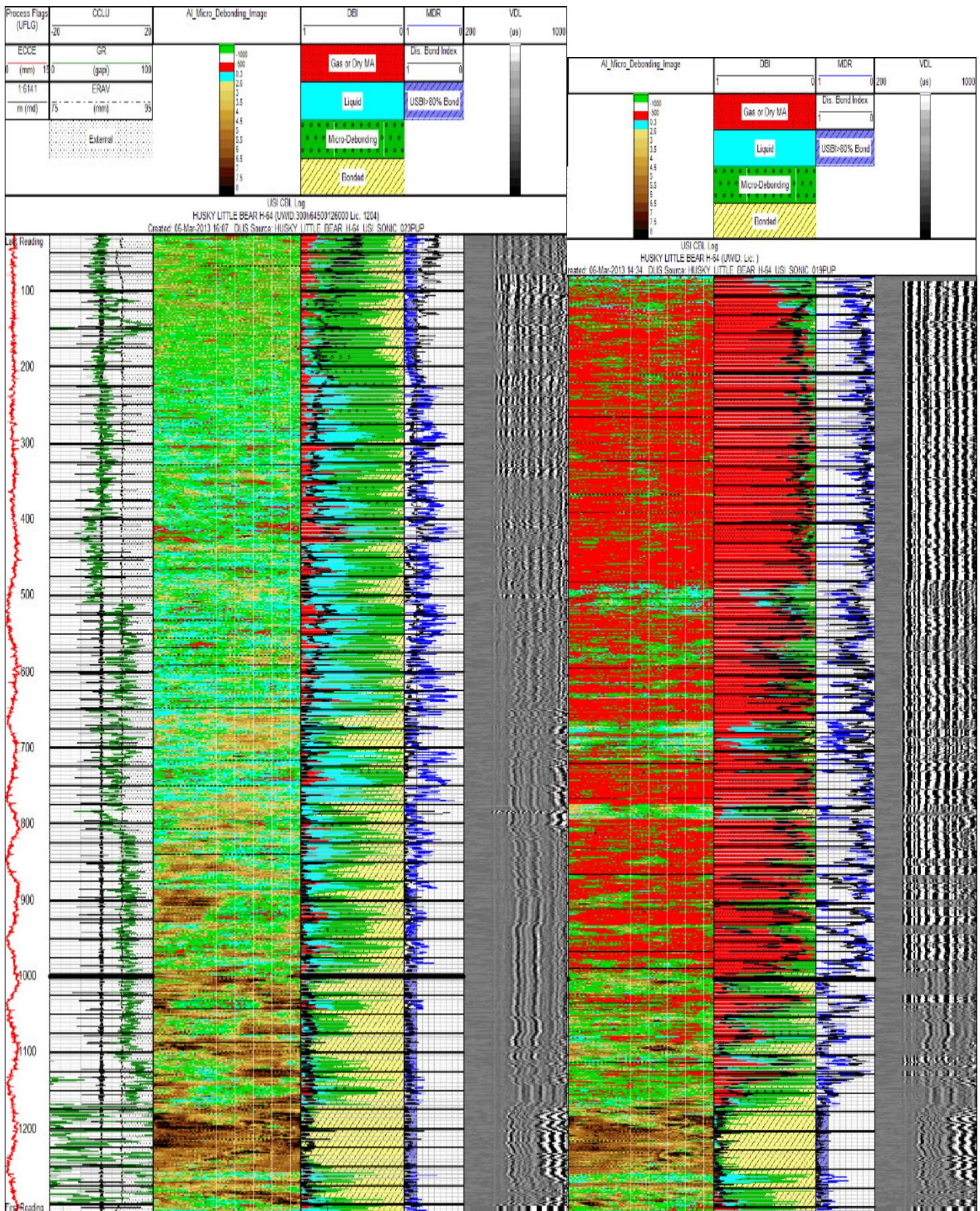
# Casing Integrity Advisor

**Schlumberger**

**Company Name:** HUSKY OIL OPERATIONS LIMITED  
**Well Name:** HUSKY LITTLE BEAR H-64  
**Field:** SLATER RIVER

## Casing Data

Casing Details	
Top (m)	26.06
Base (m)	1311.86
Casing Size (CSIZ) (mm)	177.80
Casing Weight (CWEI) (kg/m)	34.23
Casing Grade (CASG)	J-55
Yield Strength (psi)	55000
Casing Nom. ID (CSID) (mm)	161.64
Nom Casing Thk (THNO) (mm)	8.08
Good/Bad Threshold (%)	20
ECCE Max(mm)	5.66
Collapse Pressure	4772
Collapse Multiplier	1



Composite of 14 Mpa Pass (left) and 0 Mpa Pass (right), this illustrates the dry micro-annulus that is eliminated by additional pressure.



# Husky Energy

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707 7<sup>th</sup> Avenue S.W.  
Box 6525, Station D  
Calgary, Alberta, Canada  
T2P 3G7

Bus: (403) 298-6111

**National Energy Board Report**  
**Slater River Project - 2013**  
**Norman Wells, NT**  
**Little Bear H-64**

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## 1. INTRODUCTION

The Slater River Project is Husky Energy's (Husky) exploration program located 40 km's southeast of Norman Wells, in the Sahtu Region of the Northwest Territories. Pursuant to Exploration Licences (EL's) 462 and 463, Husky completed the drilling phase of Little Bear H-64 (WID # 2077) in early 2012. The wells were then temporarily suspended and in early 2013 Husky began a completions program that included acid stimulation on the formation of interest in H-64. Completion operations were set up on H-64 towards the beginning of February and entered the well bore on February 7, 2013. The well was successfully completed and the Completion Program end date is detailed below.

Table 1. Name, Description and End Date of Little Bear H-64

WELL NAME	LATITUDE	LONGITUDE	END DATE
Little Bear H-64	N64 53' 28.5"	W126 11' 20.3"	August 5, 2013

Husky is submitting the following report in response to requirements outlined in the Canadian Oil and Gas Drilling and Production Regulations. Part 11, Subsection 86, Item 1 states that; *for each drilling installation for an exploration or delineation well, the operator shall ensure that and Environmental Report relating to each well is submitted to the Board within 90 days after the rig release date and includes;*

- a. *A description of the general environmental conditions during the drilling program and a description of ice management activities and downtime caused by weather or ice;*
- b. *A summary of environmental protection matters during the drilling program, including a summary of spills, discharges occurred and waste material produced, a discussion of efforts undertaken to reduce them, and a description of environmental contingency plan exercises.*

### a. LAND AND WATER LICENSES

As required by the Mackenzie Valley Resource Management Act, Husky applied for land use permits and water licences to facilitate the Slater River Drilling Program. The Sahtu Land and Water Board (SLWB) accepted the application and granted Husky the right to utilize fresh water from determined sources upon meeting the conditions and criteria set forth in the various land use permits and water licences associated with the project site. Completion and production testing took place under the existing Land Use Permit (LUP S11A-003) and Water Licence (WL S11L1-003) with the following amendments;

- Mobilization of completion and support equipment to the well sites
- Completion and Flow Testing at the two well sites, including:

- Reservoir stimulation by hydraulic fracturing of the Canol Formation in N-09 using oil;
- Acid stimulation on the formation of interest in H-64
- Flow induction and swabbing of the stimulated formations to recover reservoir fluids and conduction of flow rate measurements;
- Collection of produced fluids into on-site storage;
- Suspension of both wells upon completion of flow testing
- Disposal of produced and make-up fluids at an approved disposal facility in Alberta;
- Demobilization of equipment, and;
- Waste Management, including the dehydration of fluid wastes and trucking of liquid and solids wastes offsite to approved disposal facilities.

**b. ENVIRONMENTAL CONDITIONS:**

The environmental conditions surrounding the completions phase of H-64 were listed and described in the Environmental Protection Plan (EPP) submitted both to the NEB and to the SLWB prior to the project. All personnel handling waste for the completions project had read and were familiar with Husky's *Completions Waste Management Plan* which detailed handling procedures and requirements based on the specific waste stream generated. A compartmentalized well site bin was set up at H-64 to collect the following waste streams: used oil, oil filters, rags and absorbents, scrap metal, oily plastics and any other contaminated waste stream that did not meet the criteria for onsite incineration. A steam dehydration unit complete with emission scrubbers was also set up at H-64 to collect contaminated waters that could easily be dehydrated. It was then determined that N-09 was a more centralized area for all projects going on, and the steam unit was set up there, with waste waters transferred to the N-09 well site. Tanks were also placed onsite to contain any completions fluids, produced water, and/or oil. Containerized and bulk wastes shipped off-site for disposal were packaged, labelled, documented and manifested according to Transportation of Dangerous Goods Regulations and were shipped to approved disposal facilities depending on where transportation trucks home bases were located.

During the completions operation for H-64, one spill was documented and recorded. The spill was managed according to Husky's Emergency Response Plan (ERP) and Spill Contingency Plan and is discussed in detail in Section 5: Unauthorized Discharges.

**2. ICE MANAGEMENT ACTIVITIES**

As the Husky Slater River Completions Project was conducted on frontier lands and did not involve pack ice, drifting icebergs or ice islands, an ice management plan was not required for these operations. There are no ice management activities to report.

**3. WEATHER DOWNTIME:**

All equipment and supplies required for the completions operation was staged in a laydown yard prior to transport via truck on the GNWT Winter Road to the Norman Wells area. The winter road opened mid-December and Husky began to mobilize all needed supplies and equipment to site.

The Slater River Project experienced two instances of downtime while coordinating the supply and equipment transport up the GNWT Winter Road to the Norman Wells area. This caused some minor delays in getting some of the supplies/equipment to site but there were no reports or instances of downtime due to a weather event.

**4. GENERATED WASTES AND VOLUMES:****a. Completions Waste:**

During the completions phase, certain waste streams were generated from the day to day operations onsite. Well site H-64 was operational for 2 months from early February to March of 2013. During this period, any wastes generated, liquid or solid, hazardous or non-hazardous were monitored and documented throughout the project. The below data is a compilation of these records and is broken down by month and total annual volume.

Table 2. List of Completions Waste Streams and Volumes for Little Bear H-64

WASTE	MAR 2013	ANNUAL TOTAL
Waste Water	10 m <sup>3</sup>	10 m <sup>3</sup>
Produced Oil	0 m <sup>3</sup>	0 m <sup>3</sup>
Produced Water	119 m <sup>3</sup>	119 m <sup>3</sup>
Frac Oil	0 m <sup>3</sup>	0 m <sup>3</sup>
KCL	38 m <sup>3</sup>	38 m <sup>3</sup>
Plastic Liner	15 m <sup>3</sup>	15 m <sup>3</sup>
Contaminated Snow Melt	5 m <sup>3</sup>	5 m <sup>3</sup>

**b. Industrial Wastes:**

Husky's Completion Waste Management Plan was developed to assist personnel with procedures and information on handling hazardous and non-hazardous industrial wastes. These waste streams are generated through the operation of the well sites. All personnel onsite at Husky's Slater River Project were aware of the requirements for waste collection, storage, handling, labelling and transport.

**Table 3. List of Industrial Wastes Generated from H-64**

<b>LITTLE BEAR H-64</b>	<b>WASTE</b>	<b>JAN 2013</b>	<b>FEB 2013</b>	<b>MAR 2013</b>	<b>ANNUAL TOTAL</b>	<b>ANNUAL VOLUME</b>
	Wood	50 kg	50 kg	50 kg	150 kg	0.25 m <sup>3</sup>
	Plastic	50 kg	50 kg	50 kg	150 kg	0.30 m <sup>3</sup>
	Used Oil	10 L	100 L	20 L	130 L	0.13 m <sup>3</sup>
	Oil Filters	10 kg	20 kg	20 kg	50 kg	0.04 m <sup>3</sup>
	Metal	100 kg	100 kg	100 kg	300 kg	0.45 m <sup>3</sup>
	Oily Rags	5 kg	50 kg	20 kg	30 kg	0.06 m <sup>3</sup>

**c. Sewage Effluent Waste:**

Husky provided well-site trailers which included laundry, kitchen and restroom facilities for well-site personnel at Little Bear H-64. The mechanical Waste Water Treatment Plants (WWTP) at the well site were Denali T-25 Units. These units are specially designed for remote, temporary applications and have the capacity to meet the effluent standards as established by the SLWB. All effluent waste streams were routinely sampled and analyzed for the following parameters; Oil and Grease, Biological Oxygen Demand (BOD), Total Suspended Solids (TSS), pH and Fecal Coliforms. No other wastes onsite at the completions project for H-64 were discharged. All resulting waste was hauled out to approved disposal facilities utilizing tank trucks, vac trucks, end dumps and roll-offs depending on the type and physical state of the wastes.

**Table 4. Waste Water Treatment Plant Information and Effluent Discharge Volumes**

<b>PERSONNEL MAXIMUMS</b>	<b>SYSTEM</b>	<b>LOCATION</b>	<b>JAN 2013</b>	<b>FEB 2013</b>	<b>MAR 2013</b>	<b>ANNUAL TOTAL</b>
25	Mechanical	N64 53' 28.5" W126 11' 20.3"	0 m <sup>3</sup>	70 m <sup>3</sup>	80 m <sup>3</sup>	150 m <sup>3</sup>

**d. Dehydrated Liquids**

Husky employed Waste Water Dehydration technology to reduce the quantity of liquid contaminants which contained water that could be readily dehydrated at low temperatures (100°C or less). Boiler blow down water, produced waters and snow contaminated with hydraulic oil or motor oil from various equipment or vehicle spills was dehydrated using a diesel fired steam unit with emission scrubbers to reduce the volume. The resultant liquid was placed in drums or tanks and was transported out of the Northwest Territories for

recovery or disposal at an approved facility. The following table is a summary of all volumes of waste that met the requirements for onsite dehydration.

Table 5. Volumes of liquids evaporated utilizing Dehydration Technology

WELLSITE	JAN 2013	FEB 2013	MAR 2013	ANNUAL TOTAL
H-64	0 m <sup>3</sup>	0 m <sup>3</sup>	144 m <sup>3</sup>	144 m <sup>3</sup>

**e. Domestic Garbage and Ash Management**

The domestic garbage collected and disposed from well-site H-64 was collected and transported by van to the main camp site for incineration or disposal. To limit the attraction to wildlife at the remote well sites, personnel working at the sites were instructed to pack in goods / pack out all waste. These small volumes of waste would consist of the food / kitchen type wastes. Incinerator waste, the resulting ash volumes, and other domestic wastes/recyclables were recorded, tracked and discussed in the 2013 annual report required for the Construction/Camp Water Licence #S11L3-002. Non-combustible wastes were collected at the well-site and amalgamated at the camp site for disposal or recycling, and were managed by KBL Environmental Ltd.

**5. ENVIRONMENTAL PROTECTION:**

**a. Spills**

Prior to the operation of the project, Husky developed a comprehensive Emergency Response Plan (ERP) and Spill Contingency Plan (SCP) that is available to all personnel on the project. The ERP and SCP are controlled documents with additions and revisions. For the complete ERP and SCP, refer to the full documents that have been provided to the NEB, and Sahtu Land and Water Board under Water Licence S11L1-003 and Land Use Permit S11A-003.

As per Husky's above plans, all spills regardless of volume were documented and reported to the Aboriginal Affairs and Northern Development Canada (AANDC) Land Use Inspector. If the volume of the spill was equal or greater than reportable spill quantities set out by AANDC's Guideline for Spill Contingency Planning, then Husky would report and document the spills with the NT/NU Spill Line.

During the completion of well H-64, only two spills occurred, and both were below the reporting requirements for notifying the NT/NU Spill Line, however, through weekly meetings with the AANDC Inspector, all spills were discussed. The table below highlights the details of the spills/releases;

Table 6. Unauthorized discharges that occurred during the completions phase of H-64

DATE OCCURRED	LOCATION	PRODUCT RELEASE	VOLUME RELEASED	DESCRIPTION OF INCIDENT
21-Feb-13	H-64	Antifreeze (Glycol )	15 L	A coil tubing tractor trailer had left site H-64 en-route to N-09 when it failed to climb the hill at KM 38. The coil tubing unit slid down the hill and made contact with a parked trailer at the bottom of the hill. In total, only 20L of various wastes impacted the ground. All the contaminated snow was cleaned up into UN approved Hazardous Waste bags and was shipped south to an approved disposal facility
		Motor Oil	4 L	
		Power-steering fluid	1 L	

**b. Reduction Opportunities:**

Husky Energy is committed to conducting operations within or exceeding the accepted environmental standards of the oil and gas industry. To ensure this mindset is adopted by on-site personnel and contractors, Husky has developed a comprehensive Waste Management Plan (WMP) specific to the Completions phase of the project. This WMP details Husky's approach to ensuring personnel health and safety and a high level of environmental compliance.

The WMP incorporates the basic principles of waste management, source reduction, re-use, recycle/recover and treatment and disposal. Husky has embraced the following reduction initiatives;

- Oil Recycling: As per the conditions set out in the Land Use Permit, Husky has collected and transported all combustible petroleum products off-site to an approved oil recycler. Additionally, any waste liquids containing oil or petroleum products are sent to an approved processing facility where the oil is recovered from the waste stream prior to end disposal.
- Methanol re-use: Husky purchased a large volume of methanol (65 m<sup>3</sup>) based on anticipated project need, however, only utilized 1m3 at each well site. Husky was able to provide this unneeded, virgin product to Esso's Imperial Oil Norman Wells facility for product re-use.

- Waste Water Dehydration Technology: Husky utilized a state of the art, diesel powered steam unit to reduce the volume of liquids containing high volumes of water. These units also have added scrubbers to reduce any unwanted emissions. This significantly reduced the number of trucks required to transport the waste water off-site, which in turn reduced the number of emissions generated by trucks hauling waste off the project site.
- Reducing Emissions: Husky has installed industry leading incineration technology to reduce oil and gas production test flaring. Alberta Well Test Incinerators (AWI) has developed a patent pending low emissions burner with combustion efficiencies over 99%, significantly below conventional flares. Husky performed a comprehensive dispersion model on the AWI incinerator emissions. This data is documented in Husky's Environmental Protection Plan (EPP).
- Beverage Containers: recyclable containers were collected and donated to both the Tulita and Norman Wells Schools for recycling and fund utilization for School Programs.

**c. Contingency Plan Exercises:**

From February 21-22, 2013, Husky Slater River Personnel participated in an Emergency Response Exercise entitled "Communications Exercise Summary". The exercise was prepared and overseen by H<sub>2</sub>Safety Services Inc. who was onsite at the project to carry out the exercise. The exercise incorporated various activities and discussions involving an orientation of Husky's site specific Emergency Response Plan (ERP) and communication needs and challenges.

**GENERAL OBJECTIVES**

- Ensure safe work practices are followed.
- To ensure communication flow works as defined in the ERP.
- To gain familiarity with the Husky Northwest Territories ERP format.
- Develop a clear understanding of Roles and Responsibilities.
- To ensure that Levels of Emergency are clearly understood and declared.
- To ensure the ERP is effectively utilized.
- All actions are appropriately documented.
- To clearly understand the Roles, Responsibilities and expectations of all agencies, companies and service providers external to Husky Oil.
- To reinforce the principles of Incident Command System.

The orientation provided an overview of the ERP including the format, the information contained within and where the plan can be located onsite. Participants were able to determine; Levels of Emergency, and the actions that should be taken at each Level of

Emergency. Participants also became familiarized with the company reporting structure and the roles they could potentially fill during a variety of emergencies.

The communications exercise was well received and was designed to demonstrate the importance of effective communication and feedback within a team environment. It allowed individuals to practice communication techniques in a team setting and increased the individual's ability to communicate clearly and precisely in the event of an emergency.

The exercise was intended to provide a controlled practice environment where participants could familiarize themselves with Husky's ERP and the specific roles and responsibilities associated with it. Evaluation results will be reviewed and used to determine further training and exercise requirements. The exercise generated learning's that will help to guide personnel in efforts to maintain a reasonable level of preparedness and to ensure an effectively coordinated and timely emergency response.

## **6. CONTACT INFORMATION:**

Husky is committed to continuous improvement in environmental performance by reducing the impacts our operations have to land, habitat, air and water. Husky meets and strives to exceed regulatory requirements, reflecting our commitment to continuous improvement across all of our operations.

Questions or comments regarding this report can be directed to;

Mr. Chris Salewich  
Environmental Advisor  
E&PS Logistics and Surface Development  
Slater River Project  
Husky Energy  
[chris.salewich@huskyenergy.com](mailto:chris.salewich@huskyenergy.com)  
Cell: 403-700-4780

# **Husky Slater River Project**

**Completion and Evaluation**

**End of Well Report**

**for Husky Little Bear H-64**

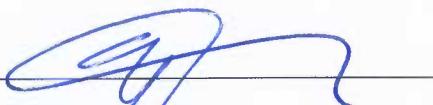


**September 2013**

## ABSTRACT

This End of Well Report covers completion and evaluation operations of the Husky Little Bear H-64 well executed in NWT Slater River Project area during Q1 of 2013.

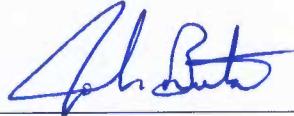
Prepared by



Sept. 4, 2013

Stephen Pun  
Completions Engineer

Reviewed by



Sept. 04, 2013

John Butala  
Manager - NWT

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# 1.0 Summaries of Well Operation

## 1.1 Introduction

Husky Little Bear H-64 was completed by Husky Oil Operations Limited in the Sahtu region of the NWT on Crown Land, within Exploration Licence 462.

Husky Oil Operations Limited had a 100% working interest in the project.

The program area was located approximately 55 km south-southwest (SSE) of the Town of Norman wells in a low lying area within the Mackenzie River valley. Access to the project crossed EL462 and a combination of Crown land and First nations land with surface and/or subsurface rights.

Little Bear H-64 is located at the surface coordinates:

Latitude: N64° 53' 28.5"      Longitude: W126° 11' 20.3" (NAD 27)

Nabors Service Rig 211, stimulation, testing and miscellaneous supporting equipment were mobilized to execute the operations during the period of January to March 2013.

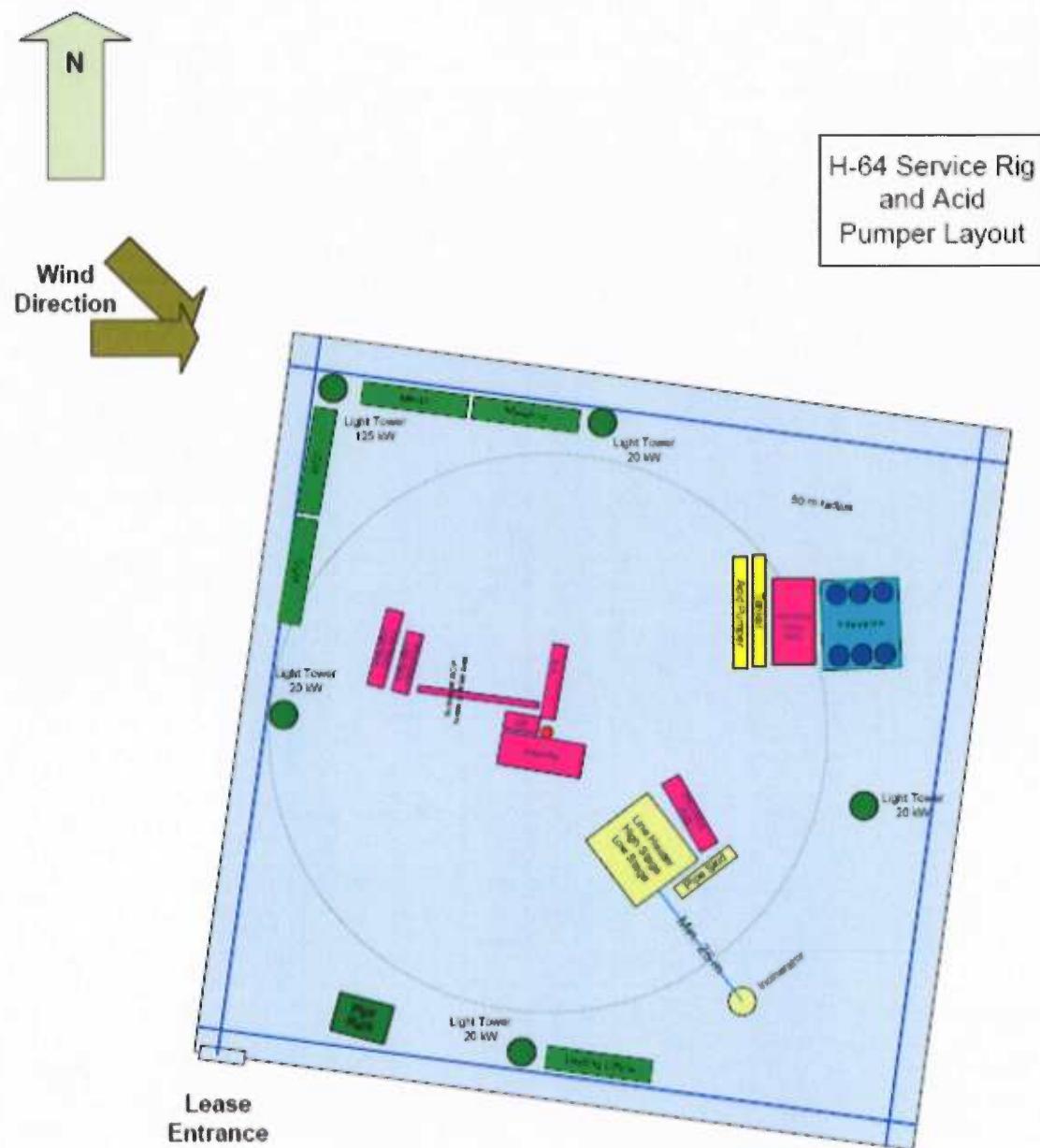
After the bridge plug was removed and the cement bond log was run, the 114.3 mm work string and 177.8 mm packer system with tubing conveyed perforation assemblies were run in hole. The Hare Indian formation was perforated and a DFIT was conducted. The zone was then suspended with a bridge plug. The Lower Canol formation was perforated in two intervals, an injection test was performed on both intervals and an acid stimulation was conducted in the upper interval. The well was then flowed on cleanup through the test equipment. Representative samples of reservoir fluid were obtained for further analysis and evaluation. The well was shut in with downhole pressure recorders for a four month period and was suspended with a Heli-portable slickline unit afterward. Details of the completion operation is captured under the Completion Daily Reports in the Attachments section.

Completion operations were performed as per the Canada Oil and Gas Drilling and Production Regulations (SOR/2009-315). Completion and environmental inspections were performed by the NEB field inspectors during the operational period.

## 1.2 Well Summary Data

Well Name	Husky Little Bear H-64
Well ID	2077
UWI	300H64650012600
Operating Licence No.	1204
Operation Authorization No.	OA-1204-003
Well Type	Vertical
H <sub>2</sub> S (%)	0.00
TD (m)	1340.79
PBTD (m) – Float Collar Depth	1317.40
Surface Casing (mm, kg/m, grade, connection)	244.5, 53.57, J-55, LT&C
Prod. Casing (mm, kg/m, grade, connection)	177.8, 34.23, L-80, LT&C
Prod. Tubing (mm, kg/m, grade, connection)	73.0, 9.67, L-80, EUE
Perforations (mKB)	1245.0 – 1247.0 (1 <sup>st</sup> ) 1225.0 – 1232.0 (2 <sup>nd</sup> ) 1192.0 – 1194.0 (3 <sup>rd</sup> )
Formation	Hare Indian (1 <sup>st</sup> ) Lower Canol (2 <sup>nd</sup> and 3 <sup>rd</sup> )
Lithology	Shale
Stimulation Type	Acid Stimulation (3 <sup>rd</sup> interval only)

### 1.3 Lease Layout



## **1.4 Problems Encountered**

During the Husky Little Bear H-64 completion and evaluation operation, no Kicks, Blowouts, Lost Circulation or Fishing problems were encountered.

## 1.5 Project Timeline

	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13
	1	2	3	4	1	2	3	4
<b>Well Operations</b>								
<b>Husky Little Bear N-09</b>								
- Equipment Move In and Rig Up								
- Completion Operations								
- Operation Shut Down								
- Evaluation Operations								
- Demobilize Equipments								
- Slickline and Well Suspension Operations								
<b>Husky Little Bear H-64</b>								
- Equipment Move In and Rig Up								
- Completion Operations								
- Operation Shut Down								
- Evaluation Operations								
- Demobilize Equipments								
- Slickline and Well Suspension Operations								

## **1.6 NEB Notice of Safety Order**

A NEB Notice of Safety Order No. 2013-001 was received on February 12, 2013 to shut in the Husky Little Bear N-09 and Husky Little Bear H-64 wells. Husky provided the response to NEB and received an approval to resume shortly afterward. Well operations were suspended from 17:00 February 12 to 17:00 February 15.

## **1.7 Shut In Period Visits**

During the well shut in period from March to July 2013, regular well site visits were scheduled approximately once a week to ensure the continued integrity and prevent pollution. No signs of hydrocarbon liquid or water release from the wellbore to atmosphere were observed during this period.

When the wellbore is suspended, an annual well site visit will be scheduled.

## 2.0 Well Shut In and Suspension Dates

Well Name	Husky Little Bear H-64
Shut In Date	March 17, 2013
Suspension Date	August 5, 2013

## 3.0 Surface Casing Vent Flow Report

A surface casing vent flow test was conducted on February 7, 2013 before starting well completion operations and 250 bubbles / minute was reported. During the completion operation period from February to March, no hydrocarbon liquid or water release from the surface casing vent was reported.

The surface casing vent was retested on July 31, 2013 during the Heli-portable wireline suspension operation and 120 bubbles / minute was reported. A gas flow meter was connected and a 4.15 m<sup>3</sup> gas flow was recorded during a 25-hour period. The surface casing vent assembly was shut-in twice and shut-in pressures of  $\pm 2,100$  kPa was recorded after both  $\pm 24$ -hour periods. Pressure was bled off and the surface casing vent was left open after the well was suspended as per program. During the well shut-in period from March 17 to July 31, 2013, no hydrocarbon liquid or water release from surface casing vent was sighted.

Based on these criteria and using AER ID 2003-01 Surface Casing Vent Flow / Gas Migration Testing, Reporting, and Repair Requirement as a guideline, the surface casing vent flow issue on Husky Little Bear H-64 will be addressed at the time of well abandonment. The well site will be visited and inspected annually during the suspension period and the report of suspended well monitoring and inspection results will be submitted annually as per Section 57 of COGDPR.

## 4.0 Well Performance

Both of Husky Little Bear N-09 and Husky Little Bear H-64 wells are part of the Canol shale exploration project. The wells were drilled and completed to evaluate the hydrocarbon resource in place. Productivity and recovery performance was not part of the objectives with this completion and evaluation program.

## 5.0 Description of Completion Fluid Properties

### Acid Stimulation Fluid

15% Hydrochloric Acid (HCl) was selected through the chemical selection process and was used as the base fluid of the acid stimulation program.

### Suspension Wellbore Fluid

Cortron R-2264C inhibitor was mixed with water in 1% volume concentration as inhibited fluid and pumped down the annulus of tubing and production casing to provide corrosion protection.

The Material Safety Data Sheets for these chemicals were submitted and approved in the Operations Authorization application package.

## **6.0 Attachments**

- 6.1 Well Termination Record (NEB)**
- 6.2 Completion Daily Reports**
- 6.3 Stimulation Treatment Report**
- 6.4 Swab and Flow Test Reports**
- 6.5 Downhole Diagrams (Suspension)**
- 6.6 Wellhead Diagram**
- 6.7 Cement Bond Log**
- 6.8 Environmental Summary Report**



## WELL TERMINATION RECORD

Well Name	Husky Little Bear H-64			Well ID	2077
Operator	Husky Oil Operations Ltd.			Current Well Status	Suspended
Total Depth	1341m KB			License No.	Exploration Licence 462
Location	Unit	H	Section	64	Grid
Coordinates (NAD27)	Surface		Lat	64° 53' 28.5"	Long 126° 11' 20.3"
	Bottom Hole		Lat	64° 53' 28.5"	Long 126° 11' 19.8"
Region	NWT Mainland			Field/Pool	Slater River /
Target Formation	Hare Indian and Canol			Ground Level / Seafloor	178.0 m
Elevation KB/RT	183.2 m			Rig Release Date	August 5, 2013
Spud/Re-Entry Date	9-Feb-13				

### CASING AND CEMENTING PROGRAM

O.D. (mm)	Weight (kg/m)	Grade	Setting Depth (m KB)	Cementing (m³)
508	Conductor Pipe	ASTM A 53	23	15
244.5	53.6	J-55	510	40
177.8	34.2	L-80	1341	30.8

### PLUGGING PROGRAM

Type of Plug	Interval (m KB)	Felt	Depth (m KB)	Cement (m³)
Select	-	Select		
Select	-	Select		
Select	-	Select		
Select	-	Select		
Select	-	Select		

### PERFORATION

Interval (m KB)	Comments
1245.0-1247.0	1 <sup>st</sup> perforation
1225.0-1232.0	2 <sup>nd</sup> perforation
1192.0-1194.0	3 <sup>rd</sup> perforation

Lost Circulation/Overpressure Zones:

Equipment Left on Seafloor (Describe) \_\_\_\_\_

Provision for Re-entry (Describe and attach sketch) \_\_\_\_\_

Other Downhole Completion/Suspension \_\_\_\_\_

Tubing plug was set at 1173.0 mGL and back pressure valve was installed and pressure tested in the wellhead.

"I certify that the information provided on this form is true and correct"

Name	John Butala	Telephone	(403) 298-6707 Ext
Job Designation	Manager - NWT	E-Mail	john.butala@huskyenergy.com
Operator	Husky Oil Operations Ltd.		

Signature

Data

Sept. 05, 2013

Responsible Officer of Company

### NATIONAL ENERGY BOARD USE ONLY

The details of this document have been examined and verified by

Job Designation \_\_\_\_\_ Well Identifier \_\_\_\_\_ Unique Well Identifier \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

NEB Authority