



DAILY OPERATIONS

North West Territories Abandonment Report

OPERATION DATE: 17-Feb-2016
REPORT DATE: 18-Feb-2016
REPORT No.: 01

WELL NAME:	APACHE POINTED MOUNTAIN (C-1) P-24			License # 0576	PAGE No:	1	of	1			
UWI:	300/P-24-6030-12345/00				Surface Loc:	P-24-6030-12345					
ELEVATIONS:	KB: 674.80 m				GL:	670.60 m	KB-THF:	5.30 m			
OBJECTIVE:	Abandon Well				Start Date:	Wednesday February 17, 2016					
Formation:	Perforations (mKB)	Perforations (mKB)	Perforations (mKB)	Perforations (mKB)	End Date:	Sunday March 06, 2016					
Mattson	1104.60	to	1110.70	1161.90	to	1174.70	1283.80	to	1295.40	Rig Contractor / No.:	Eagle Well Servicing #23
Mattson	1377.70	to	1391.70	1502.70	to	1533.10	to	Csg. Dia (mm):	139.70	Set At (mKB):	1,642.00
	to			to				Liner O.D. (mm):		Top At (mKB):	
	to			to				Liner Bot. (mKB):		PBTD (mKB):	1,616.00
	to			to				Tbg. O.D. (mm):	73.00	Landed (mKB):	
	to			to				Packer (mm)	139.70	Set At (mKB):	1,086.60

BOP P-Test Date: Satisfactory: Function Test: Safety Meeting: Yes

24 Hour Summary	MIRU service rig and support equipment. Apply heat to wellhead.
Next 24 Hour Forecast	Kill well, install B.O.P.'s, POOH with 73.0mm tubing & seal assembly

OPERATION DETAILS	SCV (kPa)	SICP (kPa)	SITP (kPa)	DAILY COST SUMMARY
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February 8 - 10, 2018

February 6 - 10 & 13, 2016

- Drive from Grande Prairie to Ft. Liard for meeting with Spectra Energy and Beaver Enterprises.
- Drive to location to access lease access and snow removal needed to move in service rig and support equipment.
- Line up services to perform abandonment on wellbore.

February 15 & 16 / 2016

- Drive from Grande Prairie to Ft. Nelson, drive to Ft. Liard and meet with ban chief to discuss equipment from well as well as present prize for fishing derby.
- Drive to location, issue Apache Canada safe work permit, review JSA's, site specific ERP and SOP's.
- Clear snow from location to be able to MIRU service rig and support equipment.

February 17 / 2016

- Move rig and all support equipment from camp at km 99 on Highway #77 to location.
- 11:00 hrs.** - Held documented safety meeting with all personnel on location. Reviewed JSA's, site specific ERP, Apache Corporate ERP, SOP's and all safety concerns. Orientated 3 personnel, issued Apache Canada Completions and well work safety work permit to all services.
- Spotted rig mats, catwalk, pipe racks, pump, tank, boiler, doghouse and service rig following all Apache Canada regulations.
- Rigged in service rig and centered over the well. Rigged in the boiler and applied heat to the wellhead, B.O.P.'s and rig tank. Rigged in the pump and tank and ran pumping and return lines to the wellhead.
- Shut down for the night.

Note: All costs have been updated on this report from 2014 until todays date.

18:00 hrs. - End of tour.

Daily Cost: \$219,469

Previous Cost:

Cum. Cost: \$219,469

Wellbore Vol (m ³)	Res Fluids	Previous	Daily	To Date	Flaring (e ³ m ³)	Previous	Daily	To Date	Load Fluids	Water (m ³)	Oil (m ³)	Gas (e ³ m ³)
Tubing: 3.28	Gas (e ³ m ³)			0.0	Total Gas		0.0	0.0	To Location	21.40	0.00	0.00
Annulus: 8.63	Oil (m ³)			0.0	- Dilution Gas		0.0	0.0	From Location	0.00	0.00	0.00
Btm - Perf:	Water (m ³)			0.0	- N ₂ & CO ₂		0.0	0.0	On Location	21.40	0.00	0.00
	Swab Hrs			0.0	Raw Gas		0.0	0.0	Load To Recover	0.00	0.00	0.00
Total: 11.91	Flow Hrs			0.0	No Flaring To Report				Recovery Over Load	0.00	0.00	0.00
Tour Hours.		Personnel on Location		Equipment on Location:			Weather Conditions:		Morning Snowing -18c / Snowing -18c			
Daily:	7.0	Rig:	6	Service rig and Support Equipment, Picker &			Road Conditions:		Snow Covered and Icy			
Cumulative:	7.0	Service:	8	Tractors, Medics, Water Truck, CAT								
Downtime:		Apache:	1									
Cum. Downtime:	0.0	Total:	15									
NPT:	0Hrs	Cost: \$0	Frac	No Frac to Report								



DAILY OPERATIONS

North West Territories Abandonment Report

OPERATION DATE: 19-Feb-2016
REPORT DATE: 20-Feb-2016
REPORT No.: 03

WELL NAME:	APACHE POINTED MOUNTAIN (C-1) P-24				License # 0576	PAGE No:	1	of	1
UWI:	300/P-24-6030-12345/00				Surface Loc: P-24-6030-12345	AFE No.:	20-14-0480	ACL WI:	100.00000%
ELEVATIONS:	KB: 674.80 m GL: 670.60 m KB-THF: 5.30 m					AFE Amount:	\$701,248		
OBJECTIVE:	Abandon Well					Start Date:	Wednesday February 17, 2016		
Formation:	Perforations (mKB)		Perforations (mKB)		Perforations (mKB)	End Date:			
Mattson	1104.60	to	1110.70	1161.90	to	1174.70	1283.80	to	1295.40
Mattson	1377.70	to	1391.70	1502.70	to	1533.10			
		to			to				
		to			to				
		to			to				
		to			to				
		to			to				
BOP P-Test Date:	18-Feb-2016	Satisfactory:		Function Test:	Yes	Safety Meeting:	Yes		

BOP P-Test Date: 18-Feb-2016 Satisfactory: Yes Function Test: Yes Safety Meeting: Yes

24 Hour Summary	MIRU Slick line unit, perform tubing diagnostics
Next 24 Hour Forecast	MIRU Wireline unit, RIH and set permanent bridge plug in the tail pipe. Remove leaking master valve and replace corroded casing valve.

OPERATION DETAILS	SCV (kPa)	SICP (kPa)	TSTM	SITP (kPa)	1700	DAILY COST SUMMARY			
						Description	Account	Number	Amount
06:00 hrs. - Continue to heat fluid and equipment on location.						Contract Supervision	70021	1	\$1,725.00
07:30 hrs. - Arrive on location, perform walk around lease and rig inspection. Check for LEL's and H ₂ S around the wellhead with none found.						Contract Rigs - Day work	70019	1	\$10,139.00
- Obtained Bailey Helicopter SITE #8231.						Safety Services	71010	1	\$3,424.00
08:00 hrs. - Held documented safety meeting with all personnel on location, reviewed JSA's, site specific ERP, SOP's and all safety concerns.						Slick line Services	70242	1	\$10,293.15
SITP = 1 700 kPa, SICP = TSTM						Contract Labor & Services	70017	2	\$3,352.75
- Performed 10 minute bubble test on the surface casing vent and found 1 200 bubbles in that time.						Site prep & temporary access	70166	2	\$7,978.00
11:00 hrs. - MIRU Slick line unit following all Apache regulations. Held documented safety meeting with all personnel on location. Reviewed JSA's, SOP's and job scope.									
- RIH with 2.34" (59.44mm) gauge ring from surface to 1065.3 mKB and tagged hard, attempted a couple of times to get deeper with no success. POOH and recovered gauge ring.									
- RIH with 73.0mm nipple brush and located a profile 1065.3 mKB as well as 1076.3 mKB. Continued in the hole and tagged hard at 1164.3 mKB. POOH and recovered the nipple brush.									
14:00 hrs. - Performed 10 minute Surface Casing Vent bubble test and noted zero (0) bubbles in that time.									
- RIH with tubing end locator and attempted to locate tubing bottom, did not see any indication of tubing bottom. POOH and found the blade slot to be full of debris, cleaned and modified blade to allow more clearance in body of the tubing end locator.									
- RIH with tubing end locator again from surface to 1090 mKB, pulled up and located tubing bottom at 1089.3 mKB. POOH and recovered tubing end locator.									
- Reviewed Slick line finding and wellbore schematic with Calgary and discussed go forward plan. Ordered out wireline unit for the morning.									
- Rigged out Slick line unit and released. Shut in and secured the well for the night. Applied heat to the B.O.P.'s, wellhead and fluid in the rig tank.									
16:00 hrs. - Performed 10 minute bubble test on the surface casing vent with no bubble									
						Daily Cost:			\$36,912
						Previous Cost:			\$248,179
						Cum. Cost:			\$285,091

<u>Daily Cost:</u>	\$36,912
Previous Cost:	\$248,179
Cum. Cost:	\$285,091

Wellbore Vol (m³)	Res Fluids	Previous	Daily	To Date	Flaring (e³m³)	Previous	Daily	To Date	Load Fluids	Water (m³)	Oil (m³)	Gas (e³m³)
Tubing:	3.28	Gas (e³m³)	0.0	0.0	Total Gas	0.0	0.0	0.0	To Location	0.00	0.00	0.00
Annulus:	8.63	Oil (m³)	0.0	0.0	- Dilution Gas	0.0	0.0	0.0	From Location	0.00	0.00	0.00
Btm - Perf:		Water (m³)	0.0	0.0	- N₂ & CO₂	0.0	0.0	0.0	On Location	30.30	0.00	0.00
		Swab Hrs	0.0	0.0	Raw Gas	0.0	0.0	0.0	Load To Recover	0.00	0.00	0.00
Total:	11.91	Flow Hrs	0.0	0.0	No Flaring To Report				Recovery Over Load	0.00	0.00	0.00
Tour Hours.		Personnel on Location		Equipment on Location:			Weather Conditions:		Morning Clear -23c / Afternoon Clear -15c			
Daily:	8.0	Rig:	7	Service rig and Support Equipment, Wellhead			Road Conditions:		Snow Covered and Icy			
Cumulative:	23.0	Service:	8	Tech, Toolhand, Slickline Unit, Medics								
Downtime:		Apache:	1									
Cum. Downtime:	0.0	Total:	16									
NPT:	0Hrs	Cost: \$0	Frac	No Frac to Report								



DAILY OPERATIONS

North West Territories Abandonment Report

OPERATION DATE: 20-Feb-2016
REPORT DATE: 21-Feb-2016
REPORT No.: 04

WELL NAME:	APACHE POINTED MOUNTAIN (C-1) P-24				License # 0576	PAGE No:	1	of	1
UWI:	300/P-24-6030-12345/00				Surface Loc: P-24-6030-12345	AFE No.:	20-14-0480	ACL WI:	100.00000%
ELEVATIONS:	KB: 674.80 m GL: 670.60 m KB-THF: 5.30 m					AFE Amount:	\$701,248		
OBJECTIVE:	Abandon Well					Start Date:	Wednesday February 17, 2016		
Formation:	Perforations (mKB)		Perforations (mKB)		Perforations (mKB)	End Date:			
Mattson	1104.60	to	1110.70	1161.90	to	1174.70	1283.80	to	1295.40
Mattson	1377.70	to	1391.70	1502.70	to	1533.10		Csg. Dia (mm):	139.70
		to			to			Set At (mKB):	1,642.00
		to			to			Liner O.D. (mm):	Top At (mKB):
		to			to			Liner Bot. (mKB):	PBTD (mKB):
		to			to			73.00	1,616.00
		to			to			Landed (mKB):	
		to			to			Packer (mm):	1,086.60
BOP P. Test Date:	18-Feb-2016		Satisfactory:		Function Test:	Yes	Safety Meeting:	Yes	

BOP P-Test Date: 18-Feb-2016 Satisfactory: Yes Function Test: Yes Safety Meeting: Yes

24 Hour Summary	MIRU wireline unit. RIH and set permanent bridge plug in 73.0mm tail pipe.
Next 24 Hour Forecast	RIH and set TKX in R profile, Set G pack-off to be able to install B.O.P.'s. Remove wellhead and install B.O.P.'s. Recover G pack-off.

Wellbore Vol (m³)	Res Fluids	Previous	Daily	To Date	Flaring (e³m³)	Previous	Daily	To Date	Load Fluids	Water (m³)	Oil (m³)	Gas (e³m³)				
Tubing:	3.28	Gas (e³m³)	0.0	0.0	Total Gas	0.0	0.0	0.0	To Location	0.00	0.00	0.00				
Annulus:	8.63	Oil (m³)	0.0	0.0	- Dilution Gas	0.0	0.0	0.0	From Location	0.00	0.00	0.00				
Btm - Perf:		Water (m³)	0.0	0.0	- N₂ & CO₂	0.0	0.0	0.0	On Location	30.30	0.00	0.00				
		Swab Hrs	0.0	0.0	Raw Gas	0.0	0.0	0.0	Load To Recover	0.00	0.00	0.00				
Total:	11.91	Flow Hrs	0.0	0.0	No Flaring To Report				Recovery Over Load	0.00	0.00	0.00				
Tour Hours.		Personnel on Location		Equipment on Location:			Weather Conditions:		Morning Clear -26c / Afternoon Clear -15c							
Daily:	5.0	Rig:	7	Service rig and Support Equipment, Wellhead			Road Conditions:		Snow Covered and Icy							
Cumulative:	28.0	Service:	9	Tech, Wireline Unit, Medics												
Downtime:		Apache:	1													
Cum. Downtime:	0.0	Total:	17													
NPT:	0Hrs	Cost: \$0	Frac	No Frac to Report												



DAILY OPERATIONS
North West Territories Abandonment Report

OPERATION DATE: 21-Feb-2016

REPORT DATE: 22-Feb-2016

REPORT No.: 05

WELL NAME:	APACHE POINTED MOUNTAIN (C-1) P-24			License # 0576			PAGE No:	1	of	1
UWI:	300/P-24-6030-12345/00			Surface Loc: P-24-6030-12345			AFE No.:	20-14-0480	ACL WI:	100.00000%
ELEVATIONS:	KB: 674.80 m GL: 670.60 m KB-THF: 5.30 m						AFE Amount:	\$701,248		
OBJECTIVE:	Abandon Well						Start Date:	Wednesday February 17, 2016		
Formation:	Perforations (mKB)		Perforations (mKB)		Perforations (mKB)		End Date:			
Maltson	1104.60	to	1110.70	1161.90	to	1174.70	1283.80	to	1295.40	
Maltson	1377.70	to	1391.70	1502.70	to	1533.10	to			
	to			to		to				
	to			to		to				
	to			to		to				
	to			to		to				
BOP P-Test Date:	18-Feb-2016	Satisfactory:		Function Test:	Yes		Safety Meeting:	Yes		

24 Hour Summary RIH and G Pack-off plug, perform negative and positive pressure test. RIH and set second G Pack-off above first plug and perform negative and positive test.

Next 24 Hour Forecast Ensure tubing and casing pressures are zero. Remove wellhead and install B.O.P.'s. Pressure test ring gasket seal. Recover G Pack-off plugs.

OPERATION DETAILS	SCV (kPa)	SICP (kPa)	SITP (kPa)	DAILY COST SUMMARY			
06:00 hrs. - Continue to heat equipment and fluid on location.				Description	Account	Number	Amount
07:30 hrs. - Arrive on location, perform walk around lease and rig inspection. Check for LEL's and H ₂ S around the wellhead with none found.				Contract Supervision	70021	1	\$1,725.00
- Obtained Bailey Helicopter SITE #8231.				Safety Services	71010	1	\$4,226.00
08:00 hrs. - Held documented safety meeting with all personnel on location, reviewed JSA's, site specific ERP, SOP's and all safety concerns.				Slick line Services	70242	1	\$11,495.90
SITP = 1 700 kPa, SICP = 0				Contract Rigs - Day work	70019	1	\$9,072.00
08:00 hrs. - Performed 10 minute bubble test on the SCV and found 760 bubbles in that time.				Contract Labor & Services	70017	1	\$2,678.25
09:00 hrs. - MIRU Slick line unit following all Apache Canada regulations. Held documented safety meeting with all personnel on location, reviewed JSA's, SOP's and job scope.							
- RIH with 73.0mm collar stop from surface to a depth of 1064.0 mKB, set in top collar of the Baker "F" profile. POOH and recovered setting tool.							
- RIH with G Pack-off plug to the top of the collar stop, set the G Pack-off plug on top of the collar stop. POOH and recovered the setting tools.							
- RIH with 73.0mm slip stop from surface to the top of the G Pack-off plug, set the slip stop just above the G pack-off plug. POOH and recovered the setting tool.							
12:09 hrs. - SITP = 986 kPa, opened tubing up to rig tank to bleed off pressure, pressure dropped to zero within 30 seconds with no returns to the rig tank.							
- Shut in the hamer valve on the Slick line flow tee and monitored pressure on the tubing for 30 minutes.							
- Pressure did not build up in the time period. Rigged in the pump line to the flow tee, pressure tested pump line to 7 000 kPa for ten minutes, test held solid with no bleed off.							
- Opened up the tubing and pressure tested the G Pack-off plug for 10 minutes, pressure held solid with no bleed off. Bleed the pressure off to the rig tank.							
12:30 hrs. - Performed 10 minute bubble test on the SCV and found 790 bubbles in that time.							
13:13 hrs. - RIH with 73.0mm collar stop from surface to a depth of 1024.0 mKB, set in collar, POOH and recovered setting tool.				Daily Cost:			\$29,197
- RIH with G Pack-off plug to the top of the collar stop, set the G Pack-off plug on top of the collar stop. POOH and recovered the setting tools.				Previous Cost:			\$316,513
- RIH with 73.0mm slip stop from surface to the top of the G Pack-off plug, set the slip stop just above the G pack-off plug. POOH and recovered the setting tool.				Cum. Cost:			\$345,710
14:35 hrs. - SITP = 0 kPa							
- Shut in the hamer valve on the Slick line flow tee and monitored pressure on the tubing for 30 minutes.							
- Pressure did not build up in the time period. Rigged in the pump line to the flow tee, pressure tested pump line to 7 000 kPa for ten minutes, test held solid with no bleed off.							
- Opened up the tubing and pressure tested the G Pack-off plug for 10 minutes, pressure held solid with no bleed off. Bleed the pressure off to the rig tank, left tubing open to the rig tank and monitored for one (1) hour. No returns to the rig tank.							
16:00 hrs. - Performed 10 minute bubble test on the SCV and found 770 bubbles in that time.							

Wellbore Vol (m ³)	Res Fluids	Previous	Daily	To Date	Flaring (e ³ m ³)	Previous	Daily	To Date	Load Fluids	Water (m ³)	Oil (m ³)	Gas (e ³ m ³)	
Tubing:	3.28	Gas (e ³ m ³)	0.0	0.0	Total Gas	0.0	0.0	0.0	To Location	0.00	0.00	0.00	
Annulus:	8.63	Oil (m ³)	0.0	0.0	- Dilution Gas	0.0	0.0	0.0	From Location	0.00	0.00	0.00	
Btm - Perf:	Water (m ³)	0.0	0.0	- N ₂ & CO ₂	0.0	0.0	0.0	On Location	30.30	0.00	0.00		
	Swab Hrs	0.0	0.0	Raw Gas	0.0	0.0	0.0	Load To Recover	0.00	0.00	0.00		
Total:	11.91	Flow Hrs	0.0	0.0	No Flaring To Report				Recovery Over Load	0.00	0.00	0.00	
Tour Hours.	Personnel on Location			Equipment on Location:			Weather Conditions:			Morning Clear -19c / Afternoon Clear 5c			
Daily:	8.0	Rig:	7	Service rig and Support Equipment, Wellhead			Road Conditions:			Snow Covered and Icy			
Cumulative:	36.0	Service:	9	Tech, Slickline Unit, Medics									
Downtime:		Apache:	1										
Cum. Downtime:	0.0	Total:	17										
NPT:	0Hrs; Cost: \$0	Frac	No Frac to Report										



DAILY OPERATIONS
North West Territories Abandonment Report

OPERATION DATE: 22-Feb-2016
REPORT DATE: 23-Feb-2016
REPORT No.: 06

WELL NAME:	APACHE POINTED MOUNTAIN (C-1) P-24			License # 0576			PAGE No:	1	of	1
UWI:	300/P-24-6030-12345/00			Surface Loc: P-24-6030-12345			AFE No.:	20-14-0480	ACL WI:	100.00000%
ELEVATIONS:	KB: 674.80 m GL: 670.60 m KB-THF: 5.30 m						AFE Amount:	\$701,248		
OBJECTIVE:	Abandon Well						Start Date:	Wednesday February 17, 2016		
Formation:	Perforations (mKB)		Perforations (mKB)		Perforations (mKB)		End Date:			
Maltson	1104.60	to	1110.70	1161.90	to	1174.70	1283.80	to	1295.40	
Maltson	1377.70	to	1391.70	1502.70	to	1533.10	to			
	to			to		to				
	to			to		to				
	to			to		to				
	to			to		to				

BOP P-Test Date: 18-Feb-2016 Satisfactory: Function Test: Yes Safety Meeting: Yes

24 Hour Summary	Replace annulus valve and pressure tested. Picked up on wellhead and found tubing threaded into wellhead. Landed wellhead, re-configured valving and pressure tested to 7 000 kPa.
Next 24 Hour Forecast	Discuss operational procedures with Calgary

OPERATION DETAILS		SCV (kPa)	SICP (kPa)	0	SITP (kPa)	0	DAILY COST SUMMARY							
06:00 hrs. - Continue to heat fluid and equipment on location.														
07:30 hrs. - Arrive on location, perform walk around lease and rig inspection. Check for LEL's and H ₂ S around the wellhead with none found. Bailey Helicopter SITE #8231.														
08:00 hrs. - Held documented safety meeting with all personnel on location, reviewed JSA's, site specific ERP, SOP's and all safety concerns.														
SITP = 0 kPa, SICP = 0														
08:00 hrs. - Performed 10 minute bubble test on the SCV and found 500 bubbles in that time.														
09:13 hrs. - Approval received to proceed with wellhead removal. Ensured that both the annulus and tubing well still static.														
- Removed the seized and corroded annulus valve and install a new FMC 2 1/16" X 5K gate valve c/w 2" (50.8mm) tapped flange. Torqued all bolts to specification and installed 2" (50.8mm) piping into the flange.														
- Rigged in the pump line to the new annulus valve and pressure tested surface line to 10 000 kPa. Opened up annulus valve and pressure tested all connections to 7 000 kPa for ten minutes. Test held solid with no bleed off. Bleed the pressure off to the rig tank.														
- Attempted to break the wellhead bolts using hammer wrenches with no success. Rigged in hydraulic nut splitter and split all the nut and removed.														
- Attempted to pick the wellhead off with the winch with no success, install a 73.0mm pup joint into the flow tee and pick up on the wellhead in gradual increments until it started to move.														
- Weight indicators showed 5 000 daN, landed the wellhead and attempted several more times with the same results. Picked up on the wellhead to a weight of 7 000 daN and inspected between the bonnet and tubing head flange. Found the tubing to be screwed into the wellhead.														
- Landed the wellhead and installed new wellhead studs and torqued to specifications.														
- Reviewed operations with Calgary and it was decided to re-configure the wellhead valving and order a tubing hanger.														
- Removed the flow tee and upper master valve and set aside. Removed the lower master valve and load on FMC's truck. Installed flow tee and master valve onto the tubing bonnet. Tongued all connections to specifications.														
- Rigged in the pump line to the flow tee and pressure tested surface line to 10 000 kPa, opened master valve and pressure tested all wellhead connections to 1 400 kPa and 7 000 kPa for ten minutes each. All tested good with no bleed off. Bleed the pressure off to the rig tank.														
- Shut in and secure the well, drained and winterized the pump and lines. Applied heat to the B.O.P.'s, wellhead and all fluid on location.														
16:00 hrs. - Performed 10 minute bubble test on the SCV with 650 bubbles found in that time. Shut down														



DAILY OPERATIONS
North West Territories Abandonment Report

OPERATION DATE: 23-Feb-2016
REPORT DATE: 24-Feb-2016
REPORT No.: 07

WELL NAME:	APACHE POINTED MOUNTAIN (C-1) P-24			License # 0576			PAGE No:	1	of	1
UWI:	300/P-24-6030-12345/00			Surface Loc: P-24-6030-12345			AFE No.:	20-14-0480	ACL WI:	100.00000%
ELEVATIONS:	KB: 674.80 m GL: 670.60 m KB-THF: 5.30 m						AFE Amount:	\$701,248		
OBJECTIVE:	Abandon Well						Start Date:	Wednesday February 17, 2016		
Formation:	Perforations (mKB)		Perforations (mKB)		Perforations (mKB)		End Date:			
Maltson	1104.60	to	1110.70	1161.90	to	1174.70	1283.80	to	1295.40	
Maltson	1377.70	to	1391.70	1502.70	to	1533.10		to		
		to			to			to		
		to			to			to		
		to			to			to		
		to			to			to		
BOP P-Test Date:	18-Feb-2016	Satisfactory:		Function Test:			Safety Meeting:	Yes		

24 Hour Summary	Confirm availability of tubing hanger. Perforate the tubing above upper slip stop and circulate wellbore over to kill fluid.
Next 24 Hour Forecast	Remove wellhead, install tubing hanger and land. Strip on B.O.P.'s over landing joint. Pressure test ring gasket seal. Pull seal assembly out of slick joint. RIH and recover G Pack-off plugs.

OPERATION DETAILS	SCV (kPa)	SICP (kPa)	0	SITP (kPa)	0	DAILY COST SUMMARY
06:00 hrs. - Continue to heat equipment and fluid on location.						
07:30 hrs. - Arrive on location, perform walk around lease and rig inspection. Check for LEL's and H ₂ S around the wellhead with none found. Bailey Helicopter SITE #8231.						
08:00 hrs. - Held documented safety meeting with all personnel on location, reviewed JSA's, site specific ERP, SOP's and all safety concerns.						
SITP = 0 kPa, SICP = 0						
08:20 hrs. - Performed 10 minute bubble test on the SCV and found 700 bubbles in that time.						
- AGAT Lab's obtained 4 - 1 liter Tedlar Bag gas samples from the surface casing vent. Returned to base for rush analysis.						
11:30 hrs. - Held documented safety meeting with all personnel on location. Reviewed JSA's, SOP's and site specific ERP.						
12:00 hrs. - Rigged in Slickline and RIH with 73.0mm tubing punch from surface to the top of the slip stop landed at 1020.0 mKB.						
- Punched a hole in the tubing, noted a slight pressure drop in the tubing. POOH and recovered tubing punch. Rigged down Slickline equipment.						
- Rigged in pump lines to the tubing and the annulus, pressure tested surface lines to 7 000 kPa.						
- Attempted to forward circulated the wellbore over to kill fluid, with minimal returns and tubing pressured up to 7 000 kPa with a slow bleed off. Attempted to reverse circulate with the same results, annulus pressured up to 7 000 kPa with a slow bleed off.						
- Inspected the tubing punch and found the tip to be broken off, suspect that it is jammed in the hole in the tubing.						
14:22 hrs. - Rigged in Slickline and RIH with 73.0mm tubing punch from surface to a depth of 1019.5 mKB						
- Punched a hole in the tubing, POOH and recovered tubing punch. Inspected tool and found the punch to be intact.						
- Rigged in the pump lines to the well and pressure tested to 7 000 kPa for ten minutes each. All tested good with no bleed off.						
- Reverse circulated the wellbore over to kill fluid, checked fluid returns and weights to ensure the entire wellbore was circulated over to kill fluid.						
- Shut down pump and monitored tubing and annulus pressures for thirty (30) minute. Both pressures are zero.						
- Shut in and secured well, drained and winterized pump and lines. Applied heat to the B.O.P.'s, wellhead and all fluid on location.						
16:00 hrs. - Performed 10 minute bubble test on the SCV and found 760 bubbles in that time.						
- Shut down for the night.						

Wellbore Vol (m ³)	Res Fluids	Previous	Daily	To Date	Flaring (e ³ m ³)	Previous	Daily	To Date	Load Fluids	Water (m ³)	Oil (m ³)	Gas (e ³ m ³)
Tubing:	3.28	Gas (e ³ m ³)	0.0	0.0	Total Gas	0.0	0.0	0.0	To Location	0.00	0.00	0.00
Annulus:	8.63	Oil (m ³)	0.0	0.0	- Dilution Gas	0.0	0.0	0.0	From Location	0.00	0.00	0.00
Btm - Perf:		Water (m ³)	0.0	0.0	- N ₂ & CO ₂	0.0	0.0	0.0	On Location	45.30	0.00	0.00
		Swab Hrs	0.0	0.0	Raw Gas	0.0	0.0	0.0	Load To Recover	0.00	0.00	0.00
Total:	11.91	Flow Hrs	0.0	0.0	No Flaring To Report				Recovery Over Load	0.00	0.00	0.00
Tour Hours.		Personnel on Location			Equipment on Location:				Weather Conditions:	Morning Clear 0c / Afternoon Sunny 10c		
Daily:	8.0	Rig:	7		Service rig and Support Equipment, Wellhead				Road Conditions:	Snow Cored and Icy		
Cumulative:	52.0	Service:	9		Tech, Slickline Unit, Medics, Toolhand, AGAT							
Downtime:		Apache:	1		Normtek							
Cum. Downtime:	0.0	Total:	17									
NPT:	0Hrs; Cost: \$0	Frac	No Frac to Report									



DAILY OPERATIONS
North West Territories Abandonment Report

OPERATION DATE: 24-Feb-2016
REPORT DATE: 25-Feb-2016
REPORT No.: 08

WELL NAME:	APACHE POINTED MOUNTAIN (C-1) P-24			License # 0576			PAGE No:	1	of	2
UWI:	300/P-24-6030-12345/00			Surface Loc: P-24-6030-12345			AFE No.:	20-14-0480	ACL WI:	100.00000%
ELEVATIONS:	KB: 674.80 m GL: 670.60 m KB-THF: 5.30 m						AFE Amount:	\$701,248		
OBJECTIVE:	Abandon Well						Start Date:	Wednesday February 17, 2016		
Formation:	Perforations (mKB)		Perforations (mKB)		Perforations (mKB)		End Date:			
Maltson	1104.60	to	1110.70	1161.90	to	1174.70	1283.80	to	1295.40	
Maltson	1377.70	to	1391.70	1502.70	to	1533.10		to		
		to			to			to		
		to			to			to		
		to			to			to		
		to			to			to		

BOP P-Test Date: 18-Feb-2016 Satisfactory: Yes Function Test: Yes Safety Meeting: Yes

24 Hour Summary	Ensure well is dead. Remove wellhead, install tubing hanger. Strip on B.O.P.'s and pressure test. Sting out of packer. Recover slip stop and half of G Pack-off.
Next 24 Hour Forecast	RIH and recover plug body and remaining plugs. POOH and lay down 73.0mm tubing string

OPERATION DETAILS	SCV (kPa)	SICP (kPa)	0	SITP (kPa)	0	DAILY COST SUMMARY			
06:00 hrs. - Continue to heat equipment and fluid on location.						Description	Account	Number	Amount
07:30 hrs. - Arrive on location, perform walk around lease and rig inspection. Check for LEL's and H ₂ S around the wellhead with none found. Bailey Helicopter SITE #8231.						Contract Supervision	70021	1	\$1,725.00
08:00 hrs. - Held documented safety meeting with all personnel on location, reviewed JSA's, site specific ERP, SOP's and all safety concerns.						Safety Services	71010	1	\$2,113.00
SITP = 0 kPa, SICP = 0						Contract Rigs - Day work	70019	1	\$8,997.00
08:30 hrs. - Performed 10 minute bubble test on the SCV and found 600 bubbles in that time.						Slickline Services	70242	1	\$10,088.70
- Monitored the tubing and annulus for any change in pressures, tubing and annulus staying at zero.						Site prep & temporary access	70166	1	\$1,992.00
- Rigged out the work floor and cleared the wellhead area. Installed handling pup c/w T.I.W. valve into the wellhead flow tee. Removed the wellhead studs.									
- Picked up on the wellhead / tubing string to 11 000 daN and installed low lying slips. Set weight of the tubing string into the slips.									
- Removed the wellhead and installed tubing hanger c/w handling pup and T.I.W. valve onto tubing string.									
- Picked up on the tubing string to 11 000 daN and removed the low lying slips. Landed the tubing hanger into the tubing head.									
- Stripped on stump tested B.O.P.'s and torqued all studs to specifications. Rigged in work floor.									
- Pressure test ring groove gasket seal and pipe rams to 1 400 kPa and 21 000 kPa for ten minutes each. All tests held solid with no bleed off.									
11:30 hrs. - Picked up on the tubing string to 11 000 daN, pulled 1.2 meters of tubing and noted a slight jump in string weight. Weight dropped down to 10 500 daN, check the tubing and annulus for pressure, zero pressure.						Daily Cost:			\$24,916
- Pulled and laid down handling pup c/w T.I.W. valve and tubing hanger and 1 - 73.0mm, 9.67 kgh/m, K-55, EUE, coated tubing joint.						Previous Cost:			\$432,253
- Rigged in Slickline equipment, held documented safety meeting with all personnel on location. Reviewed JSA's, SOP's and site specific ERP.						Cum. Cost:			\$457,169

Wellbore Vol (m ³)	Res Fluids	Previous	Daily	To Date	Flaring (e ³ m ³)	Previous	Daily	To Date	Load Fluids	Water (m ³)	Oil (m ³)	Gas (e ³ m ³)
Tubing:	3.28	Gas (e ³ m ³)	0.0	0.0	Total Gas	0.0	0.0	0.0	To Location	0.00	0.00	0.00
Annulus:	8.63	Oil (m ³)	0.0	0.0	- Dilution Gas	0.0	0.0	0.0	From Location	0.00	0.00	0.00
Btm - Perf:		Water (m ³)	0.0	0.0	- N ₂ & CO ₂	0.0	0.0	0.0	On Location	45.30	0.00	0.00
		Swab Hrs	0.0	0.0	Raw Gas	0.0	0.0	0.0	Load To Recover	0.00	0.00	0.00
Total:	11.91	Flow Hrs	0.0	0.0	No Flaring To Report				Recovery Over Load	0.00	0.00	0.00

Tour Hours.	Personnel on Location	Equipment on Location:	Weather Conditions:
Daily:	8.0	Rig: 7	Service rig and Support Equipment, Wellhead
Cumulative:	60.0	Service: 10	Tech, Slickline Unit, Medics, Toolhand, AGAT
Downtime:		Apache: 1	Normtek
Cum. Downtime:	0.0	Total: 18	
NPT:	0Hrs; Cost: \$0	Frac	No Frac to Report



**DAILY OPERATIONS
North West Territories Abandonment**

OPERATION DATE: 24-Feb-2016

REPORT DATE: 25-Feb-2016

REPORT No.: 08

WELL NAME:	APACHE POINTED MOUNTAIN (C-1)	License #:	576	PAGE No:	2	of	2
UWI:	300/P-24-6030-12345/00	Surface Loc:	P-24-6030-12345	AFE No.:	20-14-0480		

- RIH with equalizing bar to 1012.0 mKB and knocked out the Kobe sub to equalize the G Pack-off plug, noted no pressure increase or decrease.
- RIH with 2.5" (63.5mm) GS retrieving tool and latched onto the G Pack-off landed at 1012.0 mKB, jarred up several times to release plug, tool sheared. POOH and recovered GS tool, changed weight bar over to Tungsten and re-dress GS retrieving tool.
- RIH with 2.5" (63.5mm) GS retrieving tool and latched onto the G Pack-off, jarred up once and plug came free. POOH and recovered the setting sleeve for the G Pack-off plug.
- Slickline operator called office and ordered out positive grab tools.
- RIH with 2.24" (59.90mm) earth magnet, tagged the body of the G Pack-off plug at 1012.0 mKB, POOH and recovered magnet without the plug body.
- RIH with wax knife, tagged the G Pack-off and attempted to grab the body of the plug, noted a positive grab but once the Slickline was pulled up, the wax knife let go. POOH and recovered wax knife.
- RIH with 2.38" (60.45mm) tubing broch and attempted to latch onto the G Pack-off plug body with no success. POOH and recovered broch.
- Rigged down Slickline equipment, shut in and secure the well, applied heat to the B.O.P.'s and all fluid on location.

16:00 hrs. - Performed 10 minute bubble test on the SCV and found 675 bubble in that time.

- Continue to apply heat to equipment and fluid throughout the night.

06:00 hrs. - End of tour.



DAILY OPERATIONS
North West Territories Abandonment Report

OPERATION DATE: 25-Feb-2016
REPORT DATE: 26-Feb-2016
REPORT No.: 09

WELL NAME:	APACHE POINTED MOUNTAIN (C-1) P-24			License # 0576			PAGE No:	1	of	2
UWI:	300/P-24-6030-12345/00			Surface Loc: P-24-6030-12345			AFE No.:	20-14-0480	ACL WI:	100.00000%
ELEVATIONS:	KB: 674.80 m GL: 670.60 m KB-THF: 5.30 m						AFE Amount:	\$701,248		
OBJECTIVE:	Abandon Well						Start Date:	Wednesday February 17, 2016		
Formation:	Perforations (mKB)		Perforations (mKB)		Perforations (mKB)		End Date:			
Maltson	1104.60	to	1110.70	1161.90	to	1174.70	1283.80	to	1295.40	
Maltson	1377.70	to	1391.70	1502.70	to	1533.10		to		
		to			to			to		
		to			to			to		
		to			to			to		
		to			to			to		
BOP P-Test Date:	18-Feb-2016	Satisfactory:		Function Test:	Yes		Safety Meeting:	Yes		

24 Hour Summary	RIH and recovered G Pack-off plug body. POOH with 73.0mm tubing string. RIH and set Bridge Plug, pressure test plug.
Next 24 Hour Forecast	Perform Noise / Temperature log and Chat log on wellbore.

OPERATION DETAILS	SCV (kPa)	SICP (kPa)	Vac	SITP (kPa)	Vac	DAILY COST SUMMARY
06:00 hrs. - Continue to heat equipment and fluid on location.						
07:30 hrs. - Arrive on location, perform walk around lease and rig inspection. Check for LEL's and H ₂ S around the wellhead with none found. Bailey Helicopter SITE #8231.						
08:00 hrs. - Held documented safety meeting with all personnel on location, reviewed JSA's, site specific ERP, SOP's and all safety concerns.						
SITP = Vacuum, SICP = Vacuum						
08:30 hrs. - Performed 10 minute bubble test on the SCV and found 800 bubbles in that time.						
09:00 hrs. - RIH with 1.77" (44.96mm) A Spear from surface to the G Pack-off body landed at 1012.0 mKB, latched onto the G Pack-off and POOH. While POOH, the slips are grabbing at tubing collars. Jarred the G Pack-off plug body to a depth of 892 mKB, lost weight. POOH and recovered pulling tool, tool had sheared.						
- Switched over to 1.00" braided line, RIH with 2.5" (63.5mm) GS retrieving tool and latched onto the A Spear. Pulled up on the Braided line to 2800 lbs. to get the G Pack-Off body to come free. POOH and recovered plug body.						
- RIH with 2.5" (62.5mm) GS retrieving tool and attempted to latch the collar stop landed at 1012.0 mKB with no success. POOH and recovered retrieving tool.						
- Rigged out Slickline equipment and released.						
- Held documented safety meeting with all personnel on location. NormTek reviewed proper PPE, tubing handling procedures and distributed Tyvek suits, rubber gloves and P100 half mask respirators c/w P100 Hepa filter cartridges to personnel handling tubing.						
- Pulled and laid down the following injection tubing string:						
109 - 73.0mm, 9.67 kg/m, K-55, EUE, TK69 coated tubing joints (Total of 110 joints above "F" profile)						
1 - 73.0mm, Baker "F" profile						
1 - 73.0mm, 9.67 kg/m, K-55, EUE, TK69 coated tubing joint						
1 - 73.0mm, Baker "R" profile						
1 - 73.0mm, 9.67 kg/m, K-55, EUE, TK69 coated tubing joint						
1 - Baker seal assembly c/w 1.54m, 60.3mm tail pipe						
Daily Cost:	\$63,379					
Previous Cost:	\$457,169					
Cum. Cost:	\$520,548					

Wellbore Vol (m ³)	Res Fluids	Previous	Daily	To Date	Flaring (e ³ m ³)	Previous	Daily	To Date	Load Fluids	Water (m ³)	Oil (m ³)	Gas (e ³ m ³)
Tubing:	3.28	Gas (e ³ m ³)	0.0	0.0	Total Gas	0.0	0.0	0.0	To Location	0.00	0.00	0.00
Annulus:	8.63	Oil (m ³)	0.0	0.0	- Dilution Gas	0.0	0.0	0.0	From Location	0.00	0.00	0.00
Btm - Perf:		Water (m ³)	0.0	0.0	- N ₂ & CO ₂	0.0	0.0	0.0	On Location	43.80	0.00	0.00
		Swab Hrs	0.0	0.0	Raw Gas	0.0	0.0	0.0	Load To Recover	1.50	0.00	0.00
Total:	11.91	Flow Hrs	0.0	0.0	No Flaring To Report				Recovery Over Load	0.00	0.00	0.00
Tour Hours.		Personnel on Location		Equipment on Location:			Weather Conditions:		Morning Clear 5c / Afternoon Clear 8c			
Daily:	10.0	Rig:	7	Service rig and Support Equipment,			Road Conditions:		Snow Covered and Icy			
Cumulative:	70.0	Service:	12	Slickline Unit, Medics, Toolhand, NormTek								
Downtime:		Apache:	1	Wireline Unit								
Cum. Downtime:	0.0	Total:	20									
NPT:	0Hrs; Cost: \$0	Frac	No Frac to Report									



**DAILY OPERATIONS
North West Territories Abandonment**

OPERATION DATE: 25-Feb-2016

REPORT DATE: 26-Feb-2016

REPORT No.: 09

WELL NAME: APACHE POINTED MOUNTAIN (C-1)	License #: 576	PAGE No:	2	of	2
UWI: 300/P-24-6030-12345/00	Surface Loc: P-24-6030-12345	AFE No.:	20-14-0480		

14:30 hrs. - MIRU Boreal Wireline unit following all Apache Canada regulations. Held safety meeting with all personnel on location, ensured that all communication devices were off. Reviewed JSA's, SOP's and site specific ERP.

- RIH with 119.69mm gauge ring and junk basket from surface to the top of the permanent packer landed at 1090.2 mKB. POOH and recovered the junk basket and gauge ring, found no debris in the junk basket. Logged up from 1090.0 - 975.0 mKB while POOH.

- Held pre-arm safety meeting with all personnel on location, ensured all non-essential personnel stay out of the work area.

- RIH with NN1, 10 K Permanent bridge plug and tagged at 1087 mKB, confirmed setting depth with Calgary, picked up from tag point and set the bridge plug, with center elements at 1085.0 mKB. POOH and recovered setting tool.

- Filled the casing with 1.5m³ of kill fluid and pressure tested Bridge Plug to 7 000 kPa for 10 minutes. Test held solid with no bleed off. Bled pressure off to the rig tank.

- Rigged down wireline equipment, shut in and secured the well, drained and winterized pump and lines. Applied heat to the B.O.P.'s and fluid on location.

18:00 hrs. - Shut down for the night.

- Continue to heat the equipment and fluid on location throughout the night.

06:00 hrs. - End of tour.

Note: NormTek Technician on location to inspect tubing for NORM's while POOH. The top 26 - 73.0mm tubing joints contained NORM's with the remaining 86 - 73.0mm tubing joints showing no contamination.



DAILY OPERATIONS

North West Territories Abandonment Report

OPERATION DATE: 26-Feb-2016
REPORT DATE: 27-Feb-2016
REPORT No.: 10

WELL NAME:	APACHE POINTED MOUNTAIN (C-1) P-24				License # 0576	PAGE No:	1	of	1
UWI:	300/P-24-6030-12345/00				Surface Loc: P-24-6030-12345	AFE No.:	20-14-0480	ACL WI:	100.00000%
ELEVATIONS:	KB: 674.80 m GL: 670.60 m KB-THF: 5.30 m				AFE Amount:	\$701,248			
OBJECTIVE:	Abandon Well				Start Date:	Wednesday February 17, 2016			
Formation:	Perforations (mKB)		Perforations (mKB)		Perforations (mKB)	End Date:			
Mattson	1104.60	to	1110.70	1161.90	to	1174.70	1283.80	to	1295.40
Mattson	1377.70	to	1391.70	1502.70	to	1533.10	to	Csg. Dia (mm):	139.70 Set At (mKB): 1,642.00
	to			to		to		Liner O.D. (mm):	Top At (mKB):
	to			to		to		Liner Bot. (mKB):	PBTD (mKB): 1,616.00
	to			to		to		Tbg. O.D. (mm):	Landed (mKB):
	to			to		to		Packer (mm)	139.70 Set At (mKB): 1,086.60
BOP P-Test Date:	18-Feb-2016	Satisfactory:		Function Test:	Yes	Safety Meeting:	Yes		

BOP P-Test Date: 18-Feb-2016 Satisfactory: Yes Function Test: Yes Safety Meeting: Yes

24 Hour Summary	RIH with Noise / Temp. logging tool string.
Next 24 Hour Forecast	Complete Noise log on last 300 meters of casing. RIH with CHAT logging tool string.

OPERATION DETAILS SCV (kPa) SICP (kPa) 0 SITP (kPa) DAILY COST SUMMARY

06:00 hrs. - Continue to heat equipment and fluid on location.

07:30 hrs. - Arrive on location, perform walk around lease and rig inspection. Check for LEL's and H₂S around the wellhead with none found. Bailey Helicopter SITE #8231.

08:00 hrs. - Held documented safety meeting with all personnel on location, reviewed JSA's, site specific ERP, SOP's and all safety concerns.

SICP = 0 kPa.

08:30 hrs. - Performed 10 minute bubble test on the SCV and found 1400 bubbles in that time.

- Rigged in wireline equipment, RIH with Noise / Temperature logging tool string, at 10 meters/minute, from surface to the Bridge Plug landed 1085.0 mKB

10:30 hrs. - Noise / Temperature logging tools at 1085.0 mKB begin No.

1085 mT. Noise / Temperature logging tools at 1085.0 mTBD, begin Noise log up, making 40 second stops at 5.0 meter intervals.

Note: Temperature Log sent to Calgary for review and interpretation.

12:30 hrs. - Operator adjusted Hertz to the tool string, at a depth of 750 mKB, and noted better sample resolution, ran back in the hole to a depth of 1085.0 mKB to ensure original samples were correct. Samples are clearer with better resolution, start logging again, as

16:30 hrs. - Wireline operator starting to notice interference in the Noise log, could be due to the wind increasing which is causing the blocks to move.

- Decision was made to pull the remaining 300 meters out of the hole and try to log the remaining section of casing in the morning.

Note: Noise Log completed for the day has been sent to Calgary for review and interpretation.

- Rigged down wireline equipment, shut in and secured well. Tarped in the work floor.

Rigged down wireline equipment, shut in and secured well. I applied heat to the B.O.P.'s and all fluid on location.

17:30 hrs. - Shut down for the night.
- Continue to heat equipment and fluid throughout the night.

06:00 hrs End of tour

00.00 hrs. - End of tour.

<u>Daily Cost:</u>	\$26,678
Previous Cost:	\$520,548
Cum. Cost:	\$547,227

Wellbore Vol (m ³)	Res Fluids	Previous	Daily	To Date	Flaring (e ³ m ³)	Previous	Daily	To Date	Load Fluids	Water (m ³)	Oil (m ³)	Gas (e ³ m ³)
Tubing: 3.28	Gas (e ³ m ³)	0.0	0.0	Total Gas	0.0	0.0	0.0	To Location	0.00	0.00	0.00	
Annulus: 8.63	Oil (m ³)	0.0	0.0	- Dilution Gas	0.0	0.0	0.0	From Location	0.00	0.00	0.00	
Btm - Perf:	Water (m ³)	0.0	0.0	- N ₂ & CO ₂	0.0	0.0	0.0	On Location	43.80	0.00	0.00	
	Swab Hrs	0.0	0.0	Raw Gas	0.0	0.0	0.0	Load To Recover	1.50	0.00	0.00	
Total: 11.91	Flow Hrs	0.0	0.0	No Flaring To Report				Recovery Over Load	0.00	0.00	0.00	
Tour Hours.		Personnel on Location		Equipment on Location:			Weather Conditions:		Morning Overcast -2c / Afternoon Snowing -6c			
Daily:	9.5	Rig:	7	Service rig and Support Equipment, NormTek			Road Conditions:		Snow Covered and Icy			
Cumulative:	79.5	Service:	6	Wireline Unit, Medics								
Downtime:		Apache:	1									
Cum. Downtime:	0.0	Total:	14									
NPT:	0Hrs	Cost: \$0	Frac	No Frac to Report								



DAILY OPERATIONS
North West Territories Abandonment Report

OPERATION DATE: 27-Feb-2016

REPORT DATE: 28-Feb-2016

REPORT No.: 11

WELL NAME:	APACHE POINTED MOUNTAIN (C-1) P-24			License # 0576			PAGE No:	1	of	1
UWI:	300/P-24-6030-12345/00			Surface Loc: P-24-6030-12345			AFE No.:	20-14-0480	ACL WI:	100.00000%
ELEVATIONS:	KB: 674.80 m GL: 670.60 m KB-THF: 5.30 m						AFE Amount:	\$701,248		
OBJECTIVE:	Abandon Well						Start Date:	Wednesday February 17, 2016		
Formation:	Perforations (mKB)		Perforations (mKB)		Perforations (mKB)		End Date:			
Maltson	1104.60	to	1110.70	1161.90	to	1174.70	1283.80	to	1295.40	
Maltson	1377.70	to	1391.70	1502.70	to	1533.10	to			
		to		to		to				
		to		to		to				
		to		to		to				
		to		to		to				
BOP P-Test Date:	18-Feb-2016	Satisfactory:		Function Test:	Yes		Safety Meeting:	Yes		

24 Hour Summary	RIH with CHAT logging tool string and log wellbore. Complete Noise log from 585 mKB to surface.
Next 24 Hour Forecast	RIH with RBL logging tools and log wellbore. RIH with 60.3mm tubing, circulate wellbore over to fresh water. Dump bail cement on BP

OPERATION DETAILS	SCV (kPa)	SICP (kPa)	0	SITP (kPa)	DAILY COST SUMMARY
06:00 hrs. - Continue to heat equipment and fluid on location.					
07:30 hrs. - Arrive on location, perform walk around lease and rig inspection. Check for LEL's and H ₂ S around the wellhead with none found. Bailey Helicopter SITE #8231.					
08:00 hrs. - Held documented safety meeting with all personnel on location, reviewed JSA's, site specific ERP, SOP's and all safety concerns.					
SICP = 0 kPa.					
08:30 hrs. - Performed 10 minute bubble test on the SCV and found 600 bubbles in that time.					
- Bundled 86 - 73.0mm, 9.67 kg/m, K-55, EUE, TK69 coated tubing that has passed NORM inspection off the pipe racks, off loaded 1100 meters of 60.3mm tubing onto pipe racks. Loaded the 86 - 73.0mm tubing onto CAP's trucking trailer and hauled to Beaver Enterprises in Ft. Liard.					
- Rigged in wireline equipment, RIH with Noise / Temperature logging tool string, at 10 meters/minute, from surface to a depth of 500 mKB.					
09:00 hrs. - Noise / Temperature logging tools at 500 mKB, waiting to finish off-loading tubing before starting log					
- Discussed logging depth start point with Calgary and it was decided to perform the CHAT log first and complete the Noise log from 585.0 mKB after the CHAT log.					
- POOH and laid down the Noise / Temperature logging tool string, made up the CHAT logging tool string and RIH to a depth of 1086.7 mKB.					
10:55 hrs. - CHAT logging tools at a depth of 1086.7 mKB, pulled a 60 meter repeat pass at 10 meters/minute to ensure logging tools working properly.					
11:03 hrs. - Run back in the hole to 1086.7 mKB and begin logging the wellbore at a speed of 10 - 120 meters/minute to surface.					
12:38 hrs. - Wireline out of the hole with the CHAT logging tool string, laid down and switched to the Noise logging tool string.					
Note: Chat log sent to Calgary for review, analysis and interpretation.					
13:30 hrs. - CAP's trucking picker back on location, load up 26 - 73.0mm, 9.67 kg/m, K-55, EUE, TK69 coated tubing joints and 4 - misc. wellhead parts that are contaminated with NORM's. Tarped both end of the tubing and covered the misc. parts, as per NORMTEK rep's instructions, haul tubing to NORMTEK in Ft. St. John for cleaning and disposal. Movement Document / Manifest #NORM-2188.					
13:14 hrs. - RIH with Noise logging tool string to a depth of 650.0 mKB, correlated on depth. Picked up to a depth of 585.0 mKB.					
13:44 hrs. - Perform Noise log on wellbore at 5.0 meter intervals for thirty (30) seconds from 585.0 mKB to surface.					
16:09 hrs. Wireline out of the hole with the Noise logging tool string. Rigged down wireline equipment. Shut in and secured well. Tarped in the floor, applied heat to the B.O.P.'s and all fluid on location.					
Note: Noise log sent to Calgary for review, analysis and interpretation.					

Wellbore Vol (m ³)	Res Fluids	Previous	Daily	To Date	Flaring (e ³ m ³)	Previous	Daily	To Date	Load Fluids	Water (m ³)	Oil (m ³)	Gas (e ³ m ³)
Tubing:	3.28	Gas (e ³ m ³)	0.0	0.0	Total Gas	0.0	0.0	0.0	To Location	0.00	0.00	0.00
Annulus:	8.63	Oil (m ³)	0.0	0.0	- Dilution Gas	0.0	0.0	0.0	From Location	0.00	0.00	0.00
Btm - Perf:		Water (m ³)	0.0	0.0	- N ₂ & CO ₂	0.0	0.0	0.0	On Location	43.80	0.00	0.00
		Swab Hrs	0.0	0.0	Raw Gas	0.0	0.0	0.0	Load To Recover	1.50	0.00	0.00
Total:	11.91	Flow Hrs	0.0	0.0	No Flaring To Report				Recovery Over Load	0.00	0.00	0.00
Tour Hours.		Personnel on Location		Equipment on Location:			Weather Conditions:		Morning Overcast -10c / Afternoon Sunny -8c			
Daily:	8.5	Rig:	7	Service rig and Support Equipment, Medic's			Road Conditions:		Snow Covered and Icy			
Cumulative:	88.0	Service:	7	Wireline Unit, Picker								
Downtime:		Apache:	1									
Cum. Downtime:	0.0	Total:	15									
NPT:	0Hrs; Cost: \$0	Frac	No Frac to Report									



DAILY OPERATIONS
North West Territories Abandonment Report

OPERATION DATE: 28-Feb-2016
REPORT DATE: 29-Feb-2016
REPORT No.: 12

WELL NAME:	APACHE POINTED MOUNTAIN (C-1) P-24			License # 0576			PAGE No:	1	of	1
UWI:	300/P-24-6030-12345/00			Surface Loc: P-24-6030-12345			AFE No.:	20-14-0480	ACL WI:	100.00000%
ELEVATIONS:	KB: 674.80 m GL: 670.60 m KB-THF: 5.30 m						AFE Amount:	\$701,248		
OBJECTIVE:	Abandon Well						Start Date:	Wednesday February 17, 2016		
Formation:	Perforations (mKB)		Perforations (mKB)		Perforations (mKB)		End Date:			
Maltson	1104.60	to	1110.70	1161.90	to	1174.70	1283.80	to	1295.40	
Maltson	1377.70	to	1391.70	1502.70	to	1533.10		to		
		to			to			to		
		to			to			to		
		to			to			to		
		to			to			to		
BOP P-Test Date:	18-Feb-2016	Satisfactory:		Function Test:	Yes		Safety Meeting:	Yes		

24 Hour Summary	RIH with RCBL tools and log wellbore. RIH with 60.3mm tubing, circulate over to fresh water, POOH. Dump bail cement on BP
Next 24 Hour Forecast	Calgary to review data and determine go forward plan

OPERATION DETAILS	SCV (kPa)	SICP (kPa)	0	SITP (kPa)	DAILY COST SUMMARY			
06:00 hrs. - Continue to heat equipment and fluid on location.					Contract Supervision	70021	1	\$1,725.00
07:30 hrs. - Arrive on location, perform walk around lease and rig inspection. Check for LEL's and H ₂ S around the wellhead with none found. Bailey Helicopter SITE #8231.					Safety Services	71010	1	\$2,113.00
08:00 hrs. - Held documented safety meeting with all personnel on location, reviewed JSA's, site specific ERP, SOP's and all safety concerns.					Electric Line Services	70049	1	\$7,331.33
SICP = 0 kPa.					Contract Rigs - Day work	70019	1	\$9,434.50
08:30 hrs. - Performed 10 minute bubble test on the SCV and found 600 bubbles in that time.								
- Rigged in wireline equipment, RIH with RBL logging tool string from surface to the top of the bridge plug landed at 1085.0 mKB at a speed of 20 meters/minute.								
09:37 hrs. - RBL tool string at 1085.0 mKB, pulled a 60 meter repeat log pass to ensure tool string, correlate on depth.								
09:48 hrs. - Pull Main logging pass from the top of the bridge plug to surface at a speed of 15 meters/minute.								
- Laid down the logging tool string, rigged down wireline equipment from the well.								
Note: Radial Cement Bond Log sent to Calgary for review, analysis and interpretation.								
- Switched tubing handling equipment on the rig to 60.3mm. Installed tubing hanger c/w handling pup and T.I.W. valve into the tubing head and secured lag screws.								
- Pressure tested 60.3mm pipe rams to 1 400 kPa and 21 000 kPa for ten (10) minutes each. All tests held solid with no bleed off. Bled the pressure off to the rig tank.								
11:34 hrs. - Tally, drift, make up and RIH with the following 60.3mm tubing string:								
1 - 60.3mm, 6.99 kg/m, J-55, EU tubing joint								
1 - 60.3mm, EU, PSN nipple								
111 - 60.3mm, 6.99 kg/m, J-55, EU tubing joints								
12:50 hrs. - Tagged the bridge plug, picked up on the tubing string 1.0 meter, tubing bottom at 1083.01 mKB. Rigged in circulating equipment and reverse circulated the wellbore over to fresh water.								
- POOH and laid down there above 60.3mm tubing string								
14:35 hrs. - Rigged in wireline equipment, mixed up cement. RIH and dump bailed 8.0 linear meters of Class "G" cement with a weight of 1900 kg/m ³ on top of the bridge plug landed at 1085.0 mKB. POOH with empty bailer. Cement top at 1077.0 mKB.								
15:30 hrs. - Perform 10 minute bubble test on the SCV, found 1100 bubbles in that time.								
- Rigged down wireline equipment. Shut in and secured well. Drained and winterized pump and lines. Tarped in the B.O.P.'s and work floor. Applied heat to the B.O.P.'s and all fluid on location.								
16:30 hrs. - Shut down for the night.								
- Continue to heat equipment and fluid throughout the night.								

Wellbore Vol (m ³)	Res Fluids	Previous	Daily	To Date	Flaring (e ³ m ³)	Previous	Daily	To Date	Load Fluids	Water (m ³)	Oil (m ³)	Gas (e ³ m ³)
Tubing:	3.28	Gas (e ³ m ³)	0.0	0.0	Total Gas	0.0	0.0	0.0	To Location	0.00	0.00	0.00
Annulus:	8.63	Oil (m ³)	0.0	0.0	- Dilution Gas	0.0	0.0	0.0	From Location	0.00	0.00	0.00
Btm - Perf:		Water (m ³)	0.0	0.0	- N ₂ & CO ₂	0.0	0.0	0.0	On Location	43.80	0.00	0.00
		Swab Hrs	0.0	0.0	Raw Gas	0.0	0.0	0.0	Load To Recover	1.50	0.00	0.00
Total:	11.91	Flow Hrs	0.0	0.0	No Flaring To Report				Recovery Over Load	0.00	0.00	0.00
Tour Hours.		Personnel on Location		Equipment on Location:			Weather Conditions:		Morning Overcast -12c / Afternoon Overcast -10c			
Daily:	8.5	Rig:	7	Service rig and Support Equipment, Medic's			Road Conditions:		Snow Covered and Icy			
Cumulative:	96.5	Service:	5	Wireline Unit								
Downtime:		Apache:	1									
Cum. Downtime:	0.0	Total:	13									
NPT:	0Hrs; Cost: \$0	Frac	No Frac to Report									



DAILY OPERATIONS

North West Territories Abandonment Report

OPERATION DATE: 29-Feb-2016
REPORT DATE: 01-Mar-2016
REPORT No.: 13

WELL NAME:	APACHE POINTED MOUNTAIN (C-1) P-24				License # 0576	PAGE No:	1	of	1
UWI:	300/P-24-6030-12345/00				Surface Loc: P-24-6030-12345	AFE No.:	20-14-0480	ACL WI:	100.00000%
ELEVATIONS:	KB: 674.80 m GL: 670.60 m KB-THF: 5.30 m					AFE Amount:	\$701,248		
OBJECTIVE:	Abandon Well					Start Date:	Wednesday February 17, 2016		
Formation:	Perforations (mKB)		Perforations (mKB)		Perforations (mKB)	End Date:			
Mattson	1104.60	to	1110.70	1161.90	to	1174.70	1283.80	to	1295.40
Mattson	1377.70	to	1391.70	1502.70	to	1533.10		Csg. Dia (mm):	139.70
		to			to			Set At (mKB):	1,642.00
		to			to			Liner O.D. (mm):	Top At (mKB):
		to			to			Liner Bot. (mKB):	PBTD (mKB):
		to			to			Tbg. O.D. (mm):	Landed (mKB):
		to			to			Packer (mm)	139.70
		to			to			Set At (mKB):	1,086.60
BOP P. Test Date:	18-Feb-2016		Satisfactory		Function Test:	Safety Meeting:	Yes		

BOP P-Test Date: 18-Feb-2016 Satisfactory: Function Test: Safety Meeting: Yes

24 Hour Summary	Calgary reviewed data and submitted program to OROGO for approval. OROGO reviewed and submitted to CCO for final approval. CCO approved program
Next 24 Hour Forecast	Perforate for cement squeeze and establish feed rate. RIH and set retainer. RIH with 60.3mm tubing and stinger. Function test and pressure test.

OPERATION DETAILS	SCV (kPa)	SICP (kPa)	SITP (kPa)	DAILY COST SUMMARY								
06:00 hrs. - Continue to heat equipment and fluid on location.				Description	Account	Number	Amount					
07:30 hrs. - Arrive on location, perform walk around lease and rig inspection. Check for LEL's and H ₂ S around the wellhead with none found. Bailey Helicopter SITE #8231.				Contract Supervision	70021	1	\$1,725.00					
08:00 hrs. - Held documented safety meeting with all personnel on location, reviewed JSA's, site specific ERP, SOP's and all safety concerns.				Safety Services	71010	1	\$2,113.00					
08:15 hrs. - Performed 10 minute bubble test on the SCV and noted 660 bubble in that time.				Tubular Inspection/Testing	70076	1	\$2,358.95					
09:45 hrs. - Calgary has reviewed the Noise / Temperature log data, CHAT log data and Radial Cement bond log data, put together a proposed remedial cement program and submitted to OROGO for review and approval.				Wellhead Assembly	71056	1	\$2,667.23					
14:00 hrs. - Load 25.0m ³ of fluid circulated from the wellbore onto tank truck and hauled to disposal.				Site prep & temporary access	70166	1	\$792.00					
15:06 hrs. - OROGO has reviewed the proposed remedial cement program, approved and submitted to the Chief Conservation Officer for final approval.				Fluid Transportation off site	70114	1	\$2,880.00					
16:00 hrs. - Performed 10 minute bubble test on the SCV and noted 600 bubbles in that time.				Contract Rigs - Day work	70019	1	\$8,046.00					
- Secure the well for the night. Continue to apply heat to the B.O.P.'s and all fluids on location.				Camp	70005	3	\$69,000.00					
16:23 hrs. - Received approval from the Chief Conservation Office for the remedial cement program.												
16:30 hrs. - Lined up all services to execute the remedial cement program for the morning.												
- Continue to heat equipment and fluids throughout the night.												
06:00 hrs. - End of tour.												
Note: On February 25th, NORMTEK check all piping on the wellhead and connecting piping to the injection line. All NORM contaminated piping was removed and placed with tubing. NORMTEK completed a full sweep of the plant site as well as checking A-1, A-2A, A-3 and A-4. All wellheads are not contaminated. Report from NORMTEK to follow.												
Daily Cost:							\$89,582					
Previous Cost:							\$592,223					
Cum. Cost:							\$681,805					
Wellbore Vol (m ³)	Res Fluids	Previous	Daily	To Date	Flaring (e ³ m ³)	Previous	Daily	To Date	Load Fluids	Water (m ³)	Oil (m ³)	Gas (e ³ m ³)
Tubing:	3.28	Gas (e ³ m ³)	0.0	0.0	Total Gas	0.0	0.0	0.0	To Location	0.00	0.00	0.00
Annulus:	8.63	Oil (m ³)	0.0	0.0	- Dilution Gas	0.0	0.0	0.0	From Location	25.00	0.00	0.00
Btm - Perf:		Water (m ³)	0.0	0.0	- N ₂ & CO ₂	0.0	0.0	0.0	On Location	18.80	0.00	0.00
		Swab Hrs	0.0	0.0	Raw Gas	0.0	0.0	0.0	Load To Recover	1.50	0.00	0.00
Total:	11.91	Flow Hrs	0.0	0.0	No Flaring To Report				Recovery Over Load	0.00	0.00	0.00
Tour Hours.		Personnel on Location		Equipment on Location:				Weather Conditions:				
Daily:	4.0	Rig:	3	Service rig and Support Equipment, Medic's				Morning Clear -16c / Afternoon Clear -6c				
Cumulative:	100.5	Service:	4	Wireline Unit, Tank Truck				Road Conditions:				
Downtime:		Apache:	1									
Cum. Downtime:	0.0	Total:	8									
NPT:	0Hrs; Cost: \$0	Frac	No Frac to Report									



DAILY OPERATIONS

North West Territories Abandonment Report

OPERATION DATE:	01-Mar-2016
REPORT DATE:	02-Mar-2016
REPORT No.:	14

Unsuccessful. RIH with packer and wash/squeeze perf's with citric acid.

Next 24 Hour Forecast: Check pressures. POOH with tubing and packer. RIH and set retainer. Perform cement squeeze on the remedial perforations.

OPERATION DETAILS				DAILY COST SUMMARY			
SCV (kPa)	SICP (kPa)	0	SITP (kPa)	Description	Account	Number	Amount
06:00 hrs. - Continue to heat equipment and fluid on location.				Contract Supervision	70021	1	\$1,725.00
07:30 hrs. - Arrive on location, perform walk around lease and rig inspection. Check for LEL's and H ₂ S around the wellhead with none found. Bailey Helicopter SITE #8231.				Safety Services	71010	1	\$2,113.00
08:00 hrs. - Held documented safety meeting with all personnel on location, reviewed JSA's, site specific ERP, SOP's and all safety concerns.				Camp	70005	1	\$7,245.00
08:15 hrs. - Performed 10 minute bubble test on the SCV and noted 700 bubble in that time.				Electric Line Services	70049	2	\$13,297.31
08:45 hrs. - Held pre-arm safety meeting with all personnel on location, ensured that all communication devices were turned off and power to the rig was unplugged.				Contract Rigs - Daywork	70019	1	\$9,572.00
- RIH with 1.0m perforating gun loaded with 25 gram, BH charges, 17 SPM, 60° phasing. Correlated on depth using Boreal Radial Cement Bond log dated Feb. 28 / 2016.							
09:32 hrs. - Perforated the top of the Mattson formation at 486.0 - 487.0 mKB, noted no change in either the casing or the surface casing. POOH and recovered the perforating gun. All shots fired and centered.							
- Rigged in the pump lines to the casing and the surface casing vent, pumped down the casing to establish a feed rate.							
- Pumped 3.0m ³ of fresh water, casing pressured up to 4 480 kPa. Shut in the work spool and monitored pressure for thirty (30) minute. Pressure held solid with no bleed off. Bleed pressure off to rig tank, gauge pressure did not move. Took gauge out and found it to be on the wrong setting.							
10:25 hrs. - Pressured up on the casing again to 4 500 kPa, shut in the work spool and monitored pressure at the wellhead.							
- Pressure dropped to 3 300 kPa in ten (10) minutes, no returns up the surface casing noted.							
10:55 hrs. - RIH with 1.0m, Channel finder perforating gun loaded with 6 gram, 108 SPM, 360° phasing. Correlated on depth using the above log.							
11:20 hrs. - Perforated the top of the Mattson formation at 486.0 - 487.0 mKB, noted no change in either the casing or the surface casing. POOH and recovered the perforating gun. All shots had fired.							
11:40 hrs. - Pressured up on the casing to 4 500 kPa, shut in the work spool and monitored pressure at the wellhead for fifteen (15) minutes.							
- Pressure dropped to 3 482 kPa in fifteen (15) minutes, no returns up the surface casing noted.							
Daily Cost:				\$33,952			
Previous Cost:				\$681,805			
Cum. Cost:				\$715,757			

Wellbore Vol (m³)	Res Fluids	Previous	Daily	To Date	Flaring (e³m³)	Previous	Daily	To Date	Load Fluids	Water (m³)	Oil (m³)	Gas (e³m³)
Tubing:	3.28	Gas (e³m³)	0.0	0.0	Total Gas	0.0	0.0	0.0	To Location	15.00	0.00	0.00
Annulus:	8.63	Oil (m³)	0.0	0.0	- Dilution Gas	0.0	0.0	0.0	From Location	0.00	0.00	0.00
Btm - Perf:		Water (m³)	0.0	0.0	- N₂ & CO₂	0.0	0.0	0.0	On Location	31.70	0.00	0.00
		Swab Hrs	0.0	0.0	Raw Gas	0.0	0.0	0.0	Load To Recover	3.60	0.00	0.00
Total:	11.91	Flow Hrs	0.0	0.0	No Flaring To Report				Recovery Over Load	0.00	0.00	0.00
Tour Hours.		Personnel on Location		Equipment on Location:			Weather Conditions:		Morning Overcast -12c / Afternoon Overcast -7c			
Daily:	9.0	Rig:	7	Service rig and Support Equipment, Medic's			Road Conditions:		Snow Covered and Icy			
Cumulative:	109.5	Service:	13	Wireline Unit, Toolhand, Cementer's, Hot Shot								
Downtime:		Apache:	1	Vacuum Truck, Tank Truck								
Cum. Downtime:	0.0	Total:	21									
NPT:	0Hrs	Cost: \$0	Frac	No Frac to Report								



DAILY OPERATIONS
North West Territories Abandonment

OPERATION DATE: 01-Mar-2016

REPORT DATE: 02-Mar-2016

REPORT No.: 14

WELL NAME: APACHE POINTED MOUNTAIN (C-1)	License #: 576	PAGE No:	2	of	2
UWI: 300/P-24-6030-12345/00	Surface Loc: P-24-6030-12345	AFE No.:	20-14-0480		

- Rigged out wireline equipment.
- Bled the pressure from the casing off to the rig tank.
- Tally, drift, make up and RIH with the following double grip packer assembly:
 - 1 - 2.16m x 117mm, Baker, Model C1, Full Bore cementer packer
 - 1 - 3.08m x 60.3mm, 6.99 kg/m, J-55, EUE pup joint
 - 1 - 0.33m x 60.3mm, PSN profile
 - 48 - 60.3mm, 6.99 kg/m, J-55, EUE tubing joints
 - 1 - 2.48m x 60.3mm, 6.99 kg/m, J-55, EUE pup joint
 - 1 - 1.84m x 60.3mm, 6.99 kg/m, J-55, EUE pup joint
 - 1 - 60.3mm, 6.99 kg/m, J-55, EUE tubing joint
- Installed T.I.W. valve and tubing swivel, picked up one (1) meter and set the packer. Tubing bottom landed at 484.74 mKB.
- 13:20 hrs.** - Rigged in the pump line to the casing and pressure tested the annulus to 7 000 kPa for ten minutes. Test held solid with no bleed off. Bled the pressure off to the rig tank.
- Lowered the tubing down to string weight to open the unloader in the packer.
- 13:30 hrs.** - MIRU Sanjel cement pumping equipment. Held documented pre-job safety meeting with all personnel, reviewed site specific ERP, JSA's, SOP's, MSDS sheets and all safety concerns with none found.
- Established forward circulation to the rig tank, shut in the hamer valve on the tubing and pressure tested Sanjel's surface lines to 1 400 kPa and 14 000 kPa for ten minutes each. All tests held solid with no bleed off. Bled the pressure off.
- Batch mixed 1.0m³ of Citric acid, pumped down the tubing and displaced with 0.2m³ of fresh water to wash the perforations.
- Picked up on the tubing, pulled to 15 000 daN, 10 000 daN over string weight, to close the unloader.
- Started squeezing the Citric acid into the remedial perforations at 0.3m³/minute at 4 500 kPa, after pumping 0.35m³ the squeeze rate dropped to 0.05m³ at a pressure of 4 000 kPa. Rate and pressure stabilized at 0.06m³/minute at 4 000 kPa after displacing 0.65m³ of Citric acid into the perorations.
- Over displaced 1.0m³ of Citric acid into the remedial perforations from 486.0 - 487.0 mKB by 0.5m³. Shut down the Sanjel pump and monitored tubing pressure for ten (10) minutes, starting pressure was 4 000 kPa and after ten (10) minutes the pressure had dropped to 1 900 kPa.
- 16:15 hrs.** - Shut in and secured the well. Drained and winterized the service rig pump and lines as well as the Sanjel pump and lines. Tarped in the work floor and applied heat to the B.O.P.'s and all fluid on location.
- 17:00 hrs.** - Shut down for the night.
- Continue to heat equipment and fluid throughout the night.
- 06:00 hrs.** - End of tour.



DAILY OPERATIONS
North West Territories Abandonment Report

OPERATION DATE: 02-Mar-2016
REPORT DATE: 03-Mar-2016
REPORT No.: 15

WELL NAME:	APACHE POINTED MOUNTAIN (C-1) P-24			License # 0576			PAGE No:	1	of	2
UWI:	300/P-24-6030-12345/00			Surface Loc: P-24-6030-12345			AFE No.:	20-14-0480	ACL WI:	100.00000%
ELEVATIONS:	KB: 674.80 m GL: 670.60 m KB-THF: 5.30 m						AFE Amount:	\$701,248		
OBJECTIVE:	Abandon Well						Start Date:	Wednesday February 17, 2016		
Formation:	Perforations (mKB)		Perforations (mKB)		Perforations (mKB)		End Date:			
Maltson	1104.60	to	1110.70	1161.90	to	1174.70	1283.80	to	1295.40	
Maltson	1377.70	to	1391.70	1502.70	to	1533.10		to		
		to			to			to		
		to			to			to		
		to			to			to		
		to			to			to		
BOP P-Test Date:	18-Feb-2016		Satisfactory:				Function Test:	Yes	Safety Meeting:	Yes

24 Hour Summary	POOH with packer, RIH with retainer. Perform cement squeeze on remedial perforations
Next 24 Hour Forecast	RIH to tag cement top, check surface casing vent for bubbles

OPERATION DETAILS	SCV (kPa)	SICP (kPa)	0	SITP (kPa)	670	DAILY COST SUMMARY
06:00 hrs. - Continue to heat equipment and fluid on location.						
07:30 hrs. - Arrive on location, perform walk around lease and rig inspection. Check for LEL's and H ₂ S around the wellhead with none found. Bailey Helicopter SITE #8231.						
08:00 hrs. - Held documented safety meeting with all personnel on location, reviewed JSA's, site specific ERP, SOP's and all safety concerns.						
08:15 hrs. - Performed 10 minute bubble test on the SCV and noted 100 bubble in that time.						
SITP = 670 kPa, SICP = 0 kPa						
- Bled the pressure from the tubing off to the rig tank, no returns noted. Monitored tubing for ten (10) minute. Tubing static.						
- Unset the packer, pulled and laid down 1 - 60.3mm, 6.99 kg/m, J-55, EUE tubing joint and 2 pup joints. Stood 24 stands, 48 - 60.3mm, 6.99 kg/m, J-55, EUE tubing joints. Broke down packer assembly.						
09:15 hrs. - Rigged in wireline equipment, RIH with Baker cement retainer and correlate on depth using Boreal E-Line's Radial Cement Bond log dated February 28th / 2016.						
10:00 hrs. - Set the cement retainer with center elements landed at 484.0 mKB. POOH and recovered setting tool.						
- Filled the casing with 2.5m ³ of fresh water and pressure tested cement retainer to 7 000 kPa for ten (10) minutes. Test held solid with no bleed off. Bled the pressure off to the rig tank.						
10:30 hrs. - RIH with the following cement retainer stinger assembly:						
1 - 1.0m - Baker cement retainer stinger						
1 - 3.08m x 60.3mm, 6.99 kg/m, J-55, EUE pup joint						
1 - 0.33m x 60.3mm, PSN						
48 - 60.3mm, 6.99 kg/m, J-55, EUE tubing joints out of the derrick (24 stands)						
1 - 3.08m x 60.3mm, 6.99 kg/m, J-55, EUE pup joint						
1 - 2.48m x 60.3mm, 6.99 kg/m, J-55, EUE pup joint						
1 - 0.68m x 60.3mm, 6.99 kg/m, J-55, EUE pup joint						
1 - 60.3mm, 6.99 kg/m, J-55, EUE tubing joint						
Daily Cost: \$45,405						
Previous Cost: \$715,757						
Cum. Cost: \$761,162						

Wellbore Vol (m ³)	Res Fluids	Previous	Daily	To Date	Flaring (e ³ m ³)	Previous	Daily	To Date	Load Fluids	Water (m ³)	Oil (m ³)	Gas (e ³ m ³)
Tubing:	3.28	Gas (e ³ m ³)	0.0	0.0	Total Gas	0.0	0.0	0.0	To Location	0.00	0.00	0.00
Annulus:	8.63	Oil (m ³)	0.0	0.0	- Dilution Gas	0.0	0.0	0.0	From Location	0.00	0.00	0.00
Btm - Perf:		Water (m ³)	0.0	0.0	- N ₂ & CO ₂	0.0	0.0	0.0	On Location	28.40	0.00	0.00
		Swab Hrs	0.0	0.0	Raw Gas	0.0	0.0	0.0	Load To Recover	6.90	0.00	0.00
Total:	11.91	Flow Hrs	0.0	0.0	No Flaring To Report				Recovery Over Load	0.00	0.00	0.00
Tour Hours.		Personnel on Location		Equipment on Location:			Weather Conditions:		Morning Snowing -11c / Afternoon Overcast -7c			
Daily:	8.0	Rig:	7	Service rig and Support Equipment, Medic's			Road Conditions:		Snow Covered and Icy			
Cumulative:	117.5	Service:	13	Wireline Unit, Toolhand, Cementer's								
Downtime:		Apache:	1	Vac Truck								
Cum. Downtime:	0.0	Total:	21									
NPT:	0Hrs; Cost: \$0	Frac	No Frac to Report									



**DAILY OPERATIONS
North West Territories Abandonment**

OPERATION DATE: 02-Mar-2016

REPORT DATE: 03-Mar-2016

REPORT No.: 15

WELL NAME: APACHE POINTED MOUNTAIN (C-1)	License #: 576	PAGE No:	2	of	2
UWI: 300/P-24-6030-12345/00	Surface Loc: P-24-6030-12345	AFE No.:	20-14-0480		

11:15 hrs. - Rigged in T.I.W. valve c/w tubing swivel and Sanjel's sweep to the tubing. Stung into the cement retainer landed at 484.0 mKB and ensured a good latch by pulling 1 000 daN over string weight.

- Rigged in the remaining Sanjel surface iron. Held documented pre-job safety meeting with all personnel on location. Reviewed JSA's, SOP's and all safety concerns as well as job scope.

12:00 hrs. - Stung into the retainer and established a feed rate of 0.06m³/minute at 4 000 kPa, pumped 0.5m³ of fresh water. Picked up on the tubing string to neutral and pressure tested to 7 000 kPa for ten (10) minutes. Test held solid with no bleed off. Shut in the tubing and pressure tested Sanjel's surface iron to 14 000 kPa for ten (10) minutes. Test held solid with no bleed off. Bled the pressure off to the cement pumper.

- Batch mixed 1.0m³ of Micro Matrix cement, rotated the stinger out of the retainer and forward circulated the cement to tubing bottom. Stung back into the retainer and began squeezing cement into the remedial perforations at 486.0 - 487.0 mKB at a rate of 0.07m³/minute at a pressure of 3 500 kPa.

- Displaced the 1.0m³ of Micro Matrix cement at a weight of 1650 kg/m³ followed with 1.0m³ of Class "G" cement at a weight of 1 900 kg/m³, displaced Class "G" cement with 0.4m³ of fresh water at a rate of 0.07m³/minute at a pressure of 3 500 kPa.

13:40 hrs. - Shut down pump and monitored pressure for ten minutes, pressure dropped from 2 900 kPa to 100 kPa in that time. Started pumping again, slow rate pump, at a rate of 0.009m³/minute at a pressure of 2 100 kPa.

- After pumping an additional 0.3m³ of fresh water at a rate of 0.009m³/minute the pressure had climbed to 5 000 kPa, dropped the rate to 0.004m³/minute at a pressure of 4 200 kPa for 0.1m³.

- Dropped the rate to 0.002m³/minute and pumped an addition 0.053m³ of fresh water, pressure climbed to 5 000 kPa. Shut down pump and monitored pressure for five (5) minute. Held solid with no bleed off. Displaced a total of 0.845m³ of Class "G" cement into the remedial perforation.

Note: Total of 1.0m³ of Micro Matrix cement and 0.853m³ of Class "G" cement squeezed into the remedial perforations at 486.0 - 487.0 mKB.

15:15 hrs. - Picked up on the tubing and stung out of the cement retainer, rigged down the cementer's iron. Pulled and laid down 1 - 60.3mm, 6.99 kg/m, J-55, EUE tubing joint and 3 - 60.3mm, 6.99 kg/m, J-55, EUE pup joints.

- Rigged back into the tubing with the pump line and reverse circulated the wellbore with 2.0m³ of fresh water to clean up the tubing, good cement returns to the rig tank.

- Shut in and secured the well, tarped in the floor. Drained and winterized the pumps and all surface lines. Applied heat to the B.O.P.'s and all fluid on location.

16:30 hrs. - Shut down for the night.

- Continue to heat equipment and fluids on location throughout the night.

06:00 hrs. - End of tour.



DAILY OPERATIONS
North West Territories Abandonment Report

OPERATION DATE: 03-Mar-2016
REPORT DATE: 04-Mar-2016
REPORT No.: 16

WELL NAME:	APACHE POINTED MOUNTAIN (C-1) P-24			License # 0576			PAGE No:	1	of	1							
UWI:	300/P-24-6030-12345/00			Surface Loc: P-24-6030-12345			AFE No.:	20-14-0480	ACL WI:	100.00000%							
ELEVATIONS:	KB: 674.80 m GL: 670.60 m KB-THF: 5.30 m						AFE Amount:	\$701,248									
OBJECTIVE:	Abandon Well						Start Date:	Wednesday February 17, 2016									
Formation:	Perforations (mKB)		Perforations (mKB)		Perforations (mKB)		End Date:										
Mattson	1502.70	to	1533.10	Baker Baker	1086.60	to	Rig Contractor / No.:	Eagle Well Servicing #23									
Mattson	1377.70	to	1391.70	Cement top	1077.00	to	Csg. Dia (mm):	139.70	Set At (mKB):	1,642.00							
Mattson	1283.80	to	1295.40	Remedial		to	Liner O.D. (mm):	Top At (mKB):									
Mattson	1161.90	to	1174.70	486.00	to	487.00	Liner Bot. (mKB):	PBTD (mKB):									
Fill (lagged Feb19/16)	1164.30			Retainer	484.00	to	Tbg. O.D. (mm):	1,616.00									
Mattson	1104.60	to	1110.70	Cement top	475.32	to	Packer (mm)	139.70	Set At (mKB):	1,086.60							
BOP P-Test Date:	18-Feb-2016		Satisfactory:		Function Test:		Yes	Safety Meeting:									
24 Hour Summary	RIH and tag cement top. Check surface casing vent for bubbles. POOH with tubing. Dump ball 5.0 linear meters of cement on retainer. Rig out and release all services																
Next 24 Hour Forecast	Move service rig, support equipment, all rental equipment and tubing off location. Line locate around wellhead and hydrovac all lines.																
OPERATION DETAILS	SCV (kPa)	0	SICP (kPa)	0	SITP (kPa)	0	DAILY COST SUMMARY										
06:00 hrs.	- Continue to heat equipment and fluid on location.																
07:30 hrs.	- Arrive on location, perform walk around lease and rig inspection. Check for LEL's and H ₂ S around the wellhead with none found. Bailey Helicopter SITE #8231.																
08:00 hrs.	- Held documented safety meeting with all personnel on location, reviewed JSA's, site specific ERP, SOP's and all safety concerns.																
08:15 hrs.	- Performed 10 minute bubble test on the SCV and noted 0 bubble in that time.																
SITP = 0 kPa, SICP = 0 kPa																	
-	- Picked up 2 - 60.3mm, 6.99 kg/m, J-55, EUE tubing joint and RIH 1 joint and 2.4 meters of the second. Tagged cement at 480.66 mKB and set 1 800 daN of weight. Cement top is 3.34 meters above the cement retainer.																
-	- POOH and laid down 50 - 60.3mm, 6.99 kg/m, J-55, EUE tubing joints and the stinger assembly.																
09:00 hrs.	- Rigged in wireline equipment, held pre-job safety meeting with all personnel on location. Reviewed JSA's, SOP's and job scope.																
-	- RIH with cement bailer and dump bailed 5.34 linear meters of Class "G" cement with a weight of 1900 kg/m ³ on the cement above the retainer. Total of 8.68 linear meters of cement on top of the retainer. POOH and recovered empty bailer.																
Cement top on the retainer at 475.32 mKB.																	
-	- Rigged down wireline equipment. Operation update sent to OROGO via Calgary.																
11:15 hrs.	- Discussed go forward plan with Calgary abandonment group, decision was made to rig out all service and prep for cut and cap of wellhead.																
-	- Rig out and release Sanjel cementer, Boreal wireline equipment. Rigged out the work floor, removed the B.O.P.'s and installed wellhead. Torqued all studs to specifications.																
-	- Shut in and secured the well. Performed a final 10 minute bubble test on the SCV with 0 bubbles noted in that time.																
-	- Rig out service rig and all support equipment, prep to move equipment off location in the morning.																
12:15 hrs.	- Held documented safety meeting with all personnel, reviewed JSA's, SOP's and job scope with regards to entering rig tank to clean. Issued confined space entry permit #03354 to all personnel.																
Vacuum truck emptied and clean rig tank hauled fluid to disposal, tank truck emptied 400 bbl. tanks and boiler of fluids and hauled to disposal.																	
-	- Shut down for the night.																
19:00 hrs.	- End of tour																
Wellbore Vol (m ³)	Res Fluids	Previous	Daily	To Date	Flaring (e ³ m ³)	Previous	Daily	To Date	Load Fluids	Water (m ³)	Oil (m ³)	Gas (e ³ m ³)					
Tubing:	3.28	Gas (e ³ m ³)	0.0	0.0	Total Gas	0.0	0.0	0.0	To Location	0.00	0.00	0.00					
Annulus:	8.63	Oil (m ³)	0.0	0.0	- Dilution Gas	0.0	0.0	0.0	From Location	34.00	0.00	0.00					
Btm - Perf:	Water (m ³)	0.0	0.0	0.0	- N ₂ & CO ₂	0.0	0.0	0.0	On Location	0.00	0.00	0.00					
	Swab Hrs	0.0	0.0	0.0	Raw Gas	0.0	0.0	0.0	Load To Recover	1.30	0.00	0.00					
Total:	11.91	Flow Hrs	0.0	0.0	No Flaring To Report				Recovery Over Load	0.00	0.00	0.00					
Tour Hours.	Personnel on Location			Equipment on Location:			Weather Conditions:			Morning Overcast -9c / Afternoon Overcast -9c							
Daily:	8.5	Rig:	7	Service rig and Support Equipment, Medic's			Road Conditions:			Snow Covered and Icy							
Cumulative:	126.0	Service:	13	Wireline Unit, Toolhand, Cementer's													
Downtime:		Apache:	1	Vac Truck, Tank Truck													
Cum. Downtime:	0.0	Total:	21														
NPT:	0Hrs; Cost: \$0	Frac	No Frac to Report														



DAILY OPERATIONS

North West Territories Abandonment Report

OPERATION DATE: 04-Mar-2016
REPORT DATE: 05-Mar-2016
REPORT No.: 17

WELL NAME:	APACHE POINTED MOUNTAIN (C-1) P-24			License # 0576	PAGE No:	1	of	1		
UWI:	300/P-24-6030-12345/00				Surface Loc:	P-24-6030-12345				
ELEVATIONS:	KB: 674.80 m GL: 670.60 m KB-THF: 5.30 m				AFE No.:	20-14-0480				
OBJECTIVE:	Abandon Well				AFE Amount:	\$701,248				
Formation:	Perforations (mKB)		Perforations (mKB)	Perforations (mKB)	Start Date:	Wednesday February 17, 2016				
Mattson	1502.70	to	1533.10	Baker Paker	1086.60	to	End Date:			
Mattson	1377.70	to	1391.70	Cement top	1077.00	to	Rig Contractor / No.:	Eagle Well Servicing #23		
Mattson	1283.80	to	1295.40	Remedial		to	Csg. Dia (mm):	139.70	Set At (mKB):	1,642.00
Mattson	1161.90	to	1174.70	486.00	to	487.00	Liner O.D. (mm):		Top At (mKB):	
Fill (tagged Feb19/16)	1164.30			Retainer	484.00	to	Liner Bot. (mKB):		PBTD (mKB):	1,616.00
Mattson	1104.60	to	1110.70	Cement top	475.32	to	Tbg. O.D. (mm):		Landed (mKB):	
BOP P-Test Date:	18-Feb-2016		Satisfactory:		Function Test:		Packer (mm)	139.70	Set At (mKB):	1,086.60
							Safety Meeting:	Yes		

BOP P-Test Date: 18-Feb-2016 Satisfactory: Yes Function Test: Yes Safety Meeting: Yes

24 Hour Summary	Move service rig, support equipment and all rentals off location. Haul back to base. Prep location for cut and cap operations.
Next 24 Hour Forecast	Cut and cap the casing.

OPERATION DETAILS SCV (kPa) 0 SICP (kPa) 0 SITP (kPa) 0 DAILY COST SUMMARY

07:30 hrs. - Arrive on location, perform walk around lease and rig inspection. Check for LEL's and H₂S around the wellhead with none found. Bailey Helicopter SITE #8231.

08:00 hrs. - Held documented safety meeting with all personnel on location, reviewed JSA's, site specific ERP, SOP's and all safety concerns.

08:15 hrs. - Performed 10 minute bubble test on the SCV and noted 0 bubble in that time.

SICP = 0 kPa

- 3-D Line locating on location to see where flow line terminates.

- Earth Communications on location to rig down communication systems and haul back to base.

09:30 hrs. - Service rig finished cleaning up misc. debris from around location, performed some rigging sections of equipment and do not back to base in Grand Prairie.

- pre-trip inspections of equipment and de-mobbed back to base in Grande Prairie.
- Bert Baxter transport on location to haul rental equipment and boiler back to base.
 - Tractor hauled boiler back to Grande Prairie
 - Tractor hauled 1100 meters (119 Joints) of 60.3mm tubing and catwalk to Ft. St. John. Pipe is going to Dan's Rentals, Catwalk going to Alberta Gold.

- Tractor hauled 3 - 8' X 40' mats, pipe racks and light tower back to Ketek

- Bed w/trailer hauled 2 - 400 bbl. tanks back to Ketek in Ft. Nelson
- Picker hauled light tower and enviro-trailer back to Ketek in Ft. Nelson.

15:00 hrs. - Performed 10 minute bubble test on the SCV with no bubbles found in that time.

- Moved in Beaver Enterprises Hoe to assist with excavation around the wellhead in the

morning.

Daily Cost: **\$14,667**

Previous Cost: \$825,316

Cum. Cost: \$839,982

Wellbore Vol (m³)	Res Fluids	Previous	Daily	To Date	Flaring (e³m³)	Previous	Daily	To Date	Load Fluids	Water (m³)	Oil (m³)	Gas (e³m³)
Tubing:	3.28	Gas (e³m³)	0.0	0.0	Total Gas	0.0	0.0	0.0	To Location	0.00	0.00	0.00
Annulus:	8.63	Oil (m³)	0.0	0.0	- Dilution Gas	0.0	0.0	0.0	From Location	0.00	0.00	0.00
Btrn - Perf:		Water (m³)	0.0	0.0	- N₂ & CO₂	0.0	0.0	0.0	On Location	0.00	0.00	0.00
		Swab Hrs	0.0	0.0	Raw Gas	0.0	0.0	0.0	Load To Recover	1.30	0.00	0.00
Total:	11.91	Flow Hrs	0.0	0.0	No Flaring To Report				Recovery Over Load	0.00	0.00	0.00
Tour Hours.		Personnel on Location			Equipment on Location:			Weather Conditions:		Morning Snowing -10c / Afternoon Snowing -10c		
Daily:	8.0	Rig:	6		Service rig and Support Equipment, Medic			Road Conditions:		Snow Covered and Icy		
Cumulative:	134.0	Service:	8		Tractors, Picker, Bed Truck, Line Locators							
Downtime:		Apache:	1		CAT							
Cum. Downtime:	0.0	Total:	15									
NPT:	0Hrs;	Cost: \$0	Frac	No Frac to Report								



DAILY OPERATIONS
North West Territories Abandonment Report

OPERATION DATE: 05-Mar-2016
REPORT DATE: 06-Mar-2016
REPORT No.: 18

WELL NAME:	APACHE POINTED MOUNTAIN (C-1) P-24			License #	0576	PAGE No:	1	of	1
UWI:	300/P-24-6030-12345/00			Surface Loc:	P-24-6030-12345	AFE No.:	20-14-0480	ACL WI:	100.00000%
ELEVATIONS:	KB: 674.80 m GL: 670.60 m KB-THF: 5.30 m			AFE Amount:	\$701,248	Start Date:	Wednesday February 17, 2016		
OBJECTIVE:	Abandon Well				End Date:	Rig Contractor / No.:	Eagle Well Servicing #23		
Formation:	Perforations (mKB)		Perforations (mKB)	Perforations (mKB)	Csg. Dia (mm):	139.70	Set At (mKB):	1,642.00	
Mattson	1502.70	to	1533.10	Baker Paker	1086.60	to	Liner O.D. (mm):	Top At (mKB):	
Mattson	1377.70	to	1391.70	Cement top	1077.00	to	Liner Bot. (mKB):	PBTD (mKB):	
Mattson	1283.80	to	1295.40	Remedial		to	Tbg. O.D. (mm):	1,616.00	
Mattson	1161.90	to	1174.70	486.00	to	487.00	Packer (mm)	139.70	Set At (mKB):
Fill (lagged Feb19/16)	1164.30			Retainer	484.00	to		1,086.60	
Mattson	1104.60	to	1110.70	Cement top	475.32	to			
BOP P-Test Date:	18-Feb-2016	Satisfactory:		Function Test:		Safety Meeting:	Yes		

24 Hour Summary	Excavate around wellhead to expose surface casing. Cut off wellhead and cap casings. Install post and sign.
Next 24 Hour Forecast	Back fill bell hole. Well cut and capped, flowlines cut and capped.

OPERATION DETAILS	SCV (kPa)	SICP (kPa)	SITP (kPa)	DAILY COST SUMMARY			
07:30 hrs. - Arrive on location, perform walk around lease and rig inspection. Check for LEL's and H ₂ S around the wellhead with none found. Bailey Helicopter SITE #8231.				Contract Supervision	70021	1	\$1,725.00
08:00 hrs. - Held documented safety meeting with all personnel on location, reviewed JSA's, site specific ERP, SOP's and all safety concerns.				Safety Services	71010	1	\$855.00
- Steamer applied heat to the wellhead to ensure all valves were free of ice.				Camp	70005	2	\$6,210.00
08:45 hrs. - Performed 10 minute bubble test on the SCV and noted 0 bubble in that time.				Contract Labor & Services	70017	3	\$4,804.10
SICP = 0 kPa							
- Issued Apache Ground Disturbance Permit #37282 to all services involved in excavating and/or daylighting.							
- Hydrovac delighted the flow lines at the wellhead as well as the termination point in the middle of the lease. The ends of the flowlines in the middle of the lease have been capped.							
09:00 hrs. - Excavated a bell hole around the wellhead a total depth of 2.0 meters and out 6.0 meters from the wellhead. Ensuring that there is two egress points.							
13:00 hrs. - Cut three windows in the surface casing, found cement between the surface and production casings. Cleaned out cement and cut the production casing, production casing stayed in place. Cut the remaining metal between the windows of the surface casing and removed the wellhead.							
- Measured from ground level down 1.5 meters, mark and cut the surface casing off at that point. Cut the production casing off 20 cm below the surface casing level.							
- Dressed 139.7mm production casing stump, make up 4.75" circle out of 12.7mm steel and weld in place inside the production casing.							
- Dressed the 244.5mm surface casing stump, make up 9.0" circle out of 12.7mm steel and weld in place on top of the surface casing.							
- Made up 1.5' x 12' post with a 45° bevel on the top. Welded a 1/4" x 10" x 16" plate with location scribed on the plate. Installed the plate on top of the post and welded the post to the top of the plate covering the surface casing.							
- Checked the flowlines, at the wellhead, for LEL's and H ₂ S with none found. Cut the flowlines off 1.5 meters below ground level.							
- Welded on caps to the two flowlines.							
- Unable to back fill the bell hole as the computer for the hoe needed to be reset. Mechanic will have the Hoe operational by mid morning.							

Daily Cost:	\$13,594
Previous Cost:	\$839,982
Cum. Cost:	\$853,576

Wellbore Vol (m ³)	Res Fluids	Previous	Daily	To Date	Flaring (e ³ m ³)	Previous	Daily	To Date	Load Fluids	Water (m ³)	Oil (m ³)	Gas (e ³ m ³)
Tubing:	3.28	Gas (e ³ m ³)	0.0	0.0	Total Gas	0.0	0.0	0.0	To Location	0.00	0.00	0.00
Annulus:	8.63	Oil (m ³)	0.0	0.0	- Dilution Gas	0.0	0.0	0.0	From Location	0.00	0.00	0.00
Btm - Perf:		Water (m ³)	0.0	0.0	- N ₂ & CO ₂	0.0	0.0	0.0	On Location	0.00	0.00	0.00
		Swab Hrs	0.0	0.0	Raw Gas	0.0	0.0	0.0	Load To Recover	1.30	0.00	0.00
Total:	11.91	Flow Hrs	0.0	0.0	No Flaring To Report				Recovery Over Load	0.00	0.00	0.00
Tour Hours.		Personnel on Location		Equipment on Location:			Weather Conditions:		Morning Overcast -12c / Afternoon Overcast -9c			
Daily:	9.0	Rig:		Hoe, Hydrovac, Steamer, Welder, Medic			Road Conditions:		Snow Covered and Icy			
Cumulative:	143.0	Service:	7	Wellhead techs								
Downtime:		Apache:	1									
Cum. Downtime:	0.0	Total:	8									
NPT:	0Hrs; Cost: \$0	Frac	No Frac to Report									



DAILY OPERATIONS
North West Territories Abandonment Report

OPERATION DATE: 06-Mar-2016
REPORT DATE: 07-Mar-2016
REPORT No.: 19

WELL NAME:	APACHE POINTED MOUNTAIN (C-1) P-24			License #	0576	PAGE No:	1	of	1
UWI:	300/P-24-6030-12345/00			Surface Loc:	P-24-6030-12345	AFE No.:	20-14-0480	ACL WI:	100.00000%
ELEVATIONS:	KB: 674.80 m GL: 670.60 m KB-THF: 5.30 m			AFE Amount:	\$701,248	Start Date:	Wednesday February 17, 2016		
OBJECTIVE:	Abandon Well			End Date:	Sunday March 06, 2016			Rig Contractor / No.:	Eagle Well Servicing #23
Formation:	Perforations (mKB)		Perforations (mKB)	Perforations (mKB)	Csg. Dia (mm):	139.70	Set At (mKB):	1,642.00	
Mattson	1502.70	to	1533.10	Baker Paker	1086.60	to	Liner O.D. (mm):	Top At (mKB):	
Mattson	1377.70	to	1391.70	Cement top	1077.00	to	Liner Bot. (mKB):	PBTD (mKB):	
Mattson	1283.80	to	1295.40	Remedial		to	Tbg. O.D. (mm):	1,616.00	
Mattson	1161.90	to	1174.70	486.00	to	487.00	Packer (mm)	139.70	Set At (mKB):
Fill (lagged Feb19/16)	1164.30			Retainer	484.00	to			1,086.60
Mattson	1104.60	to	1110.70	Cement top	475.32	to			
BOP P-Test Date:	18-Feb-2016	Satisfactory:		Function Test:		Safety Meeting:	Yes		

24 Hour Summary	Cut sign post off surface casing cap, re-manufacture as per OROGO regulations. Back fill bell hole.
Next 24 Hour Forecast	Hydrovac hole for sign post and install as per OROGO regulations. Job complete

OPERATION DETAILS	SCV (kPa)	SICP (kPa)	SITP (kPa)	DAILY COST SUMMARY			
March 06 / 2016				Description	Account	Number	Amount
07:30 hrs. - Arrive on location, perform walk around lease and rig inspection. Check for LEL's and H ₂ S around the wellhead with none found. Bailey Helicopter SITE #8231.				Contract Labor & Services	70017	18	\$34,197.06
08:00 hrs. - Held documented safety meeting with all personnel on location, reviewed JSA's, site specific ERP, SOP's and all safety concerns.				Fluid Transportation off site	70114	1	\$3,135.00
- MIRU welding truck and cut the sign post off of the 244.5mm surface casing cap.				Fluid Disposal	70067	1	\$3,487.60
Remanufactured the sign following OROGO regulations.				Trucking and Hauling	70074	2	\$25,466.09
- Back filled and compacted the bell hole using Beaver Enterprises CAT. Took pictures of the lease.				Equipment Rental	70031	6	\$40,462.46
- Well sign post will be installed once equipment is in the field after all cup and caps are completed.				Camp	70005	1	\$3,105.00
- Shut down for the night.				Tubular Inspection/Testing	70076	1	\$6,935.00
- Mechanic out to repair Hoe, Beaver Enterprises to walk the Hoe to A-1 for the morning.				P.Tanks	70035	1	\$2,031.60
10:00 hrs. - End of tour.							
March 07 / 2016							
07:30 hrs. - Arrive on location, perform walk around lease and rig inspection. Check for LEL's and H ₂ S around the wellhead with none found. Bailey Helicopter SITE #8231.							
08:00 hrs. - Held documented safety meeting with all personnel on location, reviewed JSA's, site specific ERP, SOP's and all safety concerns.							
- MIRU Hydrovac and vacuumed a 8" x 1.5 meter hole, 1.0 meters north of well center. Installed 1" x 1" metal post in hole, mixed up cement and filled the hole to the post in place.							
- MIRU welding truck and installed lease sign following OROGO regulations on top of the post.							
- Took pictures of the location in the North, South, East and West directions as well as the sign post and final grade of the lease.							
- Cleaned up all debris and garbage from location. Loaded wellhead onto Bert Baxter Transport picker. Job complete.							
- Wellhead assembly has been shipped to Stream-Flo in Ft. St. John as per material transfer #MT-F-7510-1.							
10:00 hrs. - End of tour.							
Note: All costs have been accounted for on this report.							

Wellbore Vol (m ³)	Res Fluids	Previous	Daily	To Date	Flaring (e ³ m ³)	Previous	Daily	To Date	Load Fluids	Water (m ³)	Oil (m ³)	Gas (e ³ m ³)
Tubing:	3.28	Gas (e ³ m ³)	0.0	0.0	Total Gas	0.0	0.0	0.0	To Location	0.00	0.00	0.00
Annulus:	8.63	Oil (m ³)	0.0	0.0	- Dilution Gas	0.0	0.0	0.0	From Location	0.00	0.00	0.00
Btm - Perf:		Water (m ³)	0.0	0.0	- N ₂ & CO ₂	0.0	0.0	0.0	On Location	0.00	0.00	0.00
		Swab Hrs	0.0	0.0	Raw Gas	0.0	0.0	0.0	Load To Recover	1.30	0.00	0.00
Total:	11.91	Flow Hrs	0.0	0.0	No Flaring To Report				Recovery Over Load	0.00	0.00	0.00
Tour Hours.		Personnel on Location		Equipment on Location:			Weather Conditions:		Morning Overcast -11c			
Daily:	2.0	Rig:			Welder, CAT			Road Conditions:	Snow Covered and Icy			
Cumulative:	145.0	Service:	3									
Downtime:		Apache:	1									
Cum. Downtime:	0.0	Total:	4									
NPT:	0Hrs; Cost: \$0	Frac	No Frac to Report									



300/P-24-6030-12345/00 - Downhole Actions

UWI	300/P-24-6030-12345/00
ACTION	Abandon
DATE 1	March 02, 2016
DOWNHOLE OPERATION TYPE	Cement Squeeze
ROUTINE / NON-ROUTINE OPERATION 2	ROUTINE
CORROSION PROTECTION METHOD	None
CASING FAILURE DETECTED	NO
PACKER/PLUG FAILURE DETECTED	NOT TESTED
WELLHEAD FAILURE DETECTED	NO
CASING P-TEST RESULT (7 MPa for 10 min.)	PASS
TUBING/PLUG P-TEST RESULT (7 MPa for 10 min.) 3	NOT TESTED
WELLHEAD SEALS P-TEST RESULT 4	NOT TESTED

COMMENTS

Enter any waivers received from the EUB or other non routine work activities

Notes:

- 1: Date of last daily operation report
- 2: Non routine suspensions are ones that require ERCB approvals for suspension work.
- 3: If a well is suspended with a packer and tubing plug, then both the casing and tubing/plug require pressure testing.
- 4: At suspension this is required only if the well has a surface casing vent flow. If "Action" is "Reactivate", this is always required.

Drop-Down Definitions:

Action

- > Abandon: When well has been Cut & Capped
- > Suspend: Set Plug(s) to meet Directive 13
- > Reactivate: Returned to Production / Injection / Observation

Downhole Operation Type

- > Bridge Plug
- > Bridge Plug Capped With Cement
- > Cement Plug
- > Cement Squeeze
- > Packer with Tubing Plug

Routine/Non-Routine Operation

- > ROUTINE (No Approvals Required)
- > NON-ROUTINE (Approvals Required)

Corrosion Protection Method

- > Corrosion Inhibitor
- > Cathodic Protection
- > Corrosion Inhibitor and Cathodic Protection
- > None

Casing, Packer/Plug and Wellhead Failures Detected

- > YES (A leak has been detected and repaired)
- > NO
- > NOT TESTED

Casing, Tubing/Plug and Wellhead P-Test Results

- > PASS (Changes the Action to Leak Repair needed)



Apache Canada LTD

WELL DIAGRAM

ALL DEPTHS ARE mKB

Surface Casing
set at 182.9

**Cement top
at 475.32**

Cement retainer set at 484.0

Remedial per 486.0 - 487.0

**Cement top
at 1077.0**

**NN1, 10 K Bridge
Plug set at 1085.0**

Baker Model "D"
Permanent Packer
set at 1086.6

Mattison

1104.6 - 1110
1161.9 - 1174

Mattison

1283.8 - 1295

1377.7 - 1391.7

1502.7 - 1533.1

PBTD at 1616.0

TD at 1642.0

WELL NAME: APACHE POINTED MOUNTAIN (C-1) P:-				LICENCE 0576	
PREPARED BY				DATE:	
ELEVATIONS (meters):				DEPTHs (mKB)	
KB: 674.8m	GL: 670.6m	KB-GL: 4.21m	KB-THF: 5.3m	TD:	1,642.0
				PBTD:	1,616.0
CASING/TUBING		SIZE (mm)	WEIGHT (Kg/m)	GRADE	DEPTHs (mKB)
Surface Csg.		244.5	59.52	N-80, LT&C	182.9
Production Csg.		139.7	25.3	J-55, LT&C	1642
TUBING STRING / BOTTOM HOLE ASSEMBLY					
ITEM	DESCRIPTION (From Top Down)			LENGTH (m)	Btm (mKB)
1	KB to THF			5.30	5.30
2	Casing cut off to bury			1.50	6.80
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					

Wellhead Valves: Size/pressure Rating Serial Number Manufacturer

Top, Master:

Bottom, Master:

Wing, Valve:

Casing Valve 1:

Casing, Valve 2:

Casing, Relief Valve:

Tubing Spool:

Apache Well Intervention MINI-Program



Well Name:	APACHE POINTED MOUNTAIN (C-1) P-24			Date:	
UWI (Downhole):	300/P-24-6030-12345/00			UWI (Surface):	P-24-6030-12345
Working Interest:	100.00000%			License Number:	0576
Cost Center or AFE:	20-14-0480			Budget Category:	
Authorized Cost:	\$701,248			Cost Estimate Required:	
Expected Inc. Production:	Gas	e3m3/day	Condy	m3/day	Oil
Access Issues:	<input type="radio"/> All Year Access <input type="radio"/> Winter Access <input type="radio"/> Dry Weather only <input type="radio"/> Critical Wildlife Area <input type="radio"/> Unknown				
Facilities Issues <input type="checkbox"/>					
Objective:	Abandon Well				
Procedures:	<ul style="list-style-type: none"> • 				
Formation Name(s):					
Perforations (mKB):					
Bottom Hole Press:	kPa		kPa		
Shut-in Tubing Press.	kPa		kPa		
Pipeline Press @ Tie-in:	kPa		kPa		
Bottom Hole Temp.:	°C		°C		
H2S:	ppm		ppm		
Current Gas Rate:	e3m3/day		e3m3/day		
Current Condensate Rate:	m3/day		m3/day		
Current Oil Rate:	m3/day		m3/day		
Current Water Rate:	m3/day		m3/day		
Single Completion:					
One Tubing String:					
Tubing Type:					
Wellbore Diagram	Deviation Survey	Last Workover Reports	Well History	Other	
ORIGINATED BY:	DATE:				
REVIEWED BY:	DATE:				
APPROVED BY:	DATE:				

Apache Well Intervention MINI-Program



Distribution / Contacts List:

Personnel / Office	Office	Cellular	E-mail Address / Website
Completions Superintendent			
Sr. Operations Foreman			
Operations Foreman			
Production Engineer			
Completion Engineer			
Production Technologist			
Production Optimization Tech			
Area Scheduler			
Records Centre			Records.Centre@apachecorp.com
Production Well Reporting			ProductionWellReporting@apachecorp.com
Daily Reports			Daily.CompReports@apachecorp.com
			Via electronic System if applicable

PREPARING FOR OPERATIONS

1. Coordinate WELLSITE/FACILITY HANDOVER process and document with relevant operations personnel before starting operations onsite. The “Site Authority Handover Practice” is the governing document for this process. The requirements are as below. See complete Handover Practice document for more detail if required

- ✓ A minimum of 36 hours notice will be given to Production Operations (Prod Ops) prior to the expected custody transfer to prepare an existing wellsite for handover.
- ✓ The Well Site / Facility Handover Confirmation Form (Handover Form) will be used to manage and document approval of the authority and custody transfer to Completions & Well Services (C&WS).
- ✓ The Handover Form is to be filled out by Construction (for new drills) or Production Operations (existing wells) and signed or authorized by both Construction or Production Operations and C&WS before custody of the work site can be transferred.
- ✓ If Energy Isolations are in place (as per the Energy Isolation Practice), the site must be visited and reviewed by the C&WS Wellsite Supervisor in person, to verify that all parties understand the location of the energy isolation points. The C&WS Wellsite Supervisor signs on to the Energy Isolation Log and applies a personal lock to the lock box.
- ✓ The completed Handover Form will be kept on lease when work is taking place to identify the authority and custody for the site.

Ensure that the Emergency Response Plan Contact List is filled out and complete.

Report all contacts made on the first morning report.

2. Safety meetings are to be held on a daily basis and prior to performing any non-routine activity. All meetings are to be recorded in the Tour Report and the record is to be signed by all attendees.
3. It is the legal responsibility of contractors and wellsite supervisors to adhere to safe industry practices and to follow the appropriate provincial OH&S Act and Regulations. Contractors and wellsite supervisors are expected to have read and to comply with all OH&S regulations which apply to this program. Contractors are to ensure that their personnel comply with the OH&S regulations. All contractors must have a safety program in place for their personnel.

4.

5.

WELL NAME:	APACHE POINTED MOUNTAIN (C-1) P-24		Start Date: Wednesday February 17, 2016						
LOCATION:	300/P-24-6030-12345/00 Surface :(P-24-6030-12345)		End Date: Sunday March 06, 2016						
Cumulative Volumes In	Oil 0.00 m ³	Water 60.30 m ³	Gas 0.00 e ³ m ³	Surface Volumes At End of Day 19					
Cumulative Volumes Out	Oil 0.00 m ³	Water 59.00 m ³	Gas 0.00 e ³ m ³	Oil 0.00 m ³					
Total Load Fluids To Recover	Oil 0.00 m ³	Water 1.30 m ³	Gas 0.00 e ³ m ³	Water 0.00 m ³					
Total Recovery Over Load	Oil 0.00 m ³	Water 0.00 m ³	Gas 0.00 e ³ m ³	Gas 0.00 e ³ m ³					
Date	Day	To From On	Fluid Type	Volume	Ticket No	Carrier / Hauler	From Location	To Location	Comment
February 17, 2016	1	To Location	Water	21.40	9999	Beaver Enterprises	Ft. Liard	P-24-6030-12345	Fresh water for workover fluid
February 18, 2016	2	To Location	Water	8.90	9999	Beaver Enterprises	Ft. Liard	P-24-6030-12345	fresh water for workover operations
February 22, 2016	6	To Location	Water	15.00	FN119969	Troyer Ventures	Ft. Nelson	P-24-6030-12345	Kcl water for well kill
March 01, 2016	14	To Location	Water	15.00	9999	Beaver Enterprises	Ft. Liard	P-24-6030-12345	Fresh water for cement jobs
February 17, 2016	1	On Location	Oil	0.00					Surface Volumes at end of Day 1
February 17, 2016	1	On Location	Water	21.40					Surface Volumes at end of Day 1
February 17, 2016	1	On Location	Gas	0.00					Surface Volumes at end of Day 1
February 18, 2016	2	On Location	Oil	0.00					Surface Volumes at end of Day 2
February 18, 2016	2	On Location	Water	30.30					Surface Volumes at end of Day 2
February 18, 2016	2	On Location	Gas	0.00					Surface Volumes at end of Day 2
February 19, 2016	3	On Location	Oil	0.00					Surface Volumes at end of Day 3
February 19, 2016	3	On Location	Water	30.30					Surface Volumes at end of Day 3
February 19, 2016	3	On Location	Gas	0.00					Surface Volumes at end of Day 3
February 20, 2016	4	On Location	Oil	0.00					Surface Volumes at end of Day 4
February 20, 2016	4	On Location	Water	30.30					Surface Volumes at end of Day 4
February 20, 2016	4	On Location	Gas	0.00					Surface Volumes at end of Day 4
February 21, 2016	5	On Location	Oil	0.00					Surface Volumes at end of Day 5
February 21, 2016	5	On Location	Water	30.30					Surface Volumes at end of Day 5
February 21, 2016	5	On Location	Gas	0.00					Surface Volumes at end of Day 5
February 22, 2016	6	On Location	Oil	0.00					Surface Volumes at end of Day 6
February 22, 2016	6	On Location	Water	45.30					Surface Volumes at end of Day 6
February 22, 2016	6	On Location	Gas	0.00					Surface Volumes at end of Day 6
February 23, 2016	7	On Location	Oil	0.00					Surface Volumes at end of Day 7
February 23, 2016	7	On Location	Water	45.30					Surface Volumes at end of Day 7
February 23, 2016	7	On Location	Gas	0.00					Surface Volumes at end of Day 7
February 24, 2016	8	On Location	Oil	0.00					Surface Volumes at end of Day 8
February 24, 2016	8	On Location	Water	45.30					Surface Volumes at end of Day 8
February 24, 2016	8	On Location	Gas	0.00					Surface Volumes at end of Day 8
February 25, 2016	9	On Location	Oil	0.00					Surface Volumes at end of Day 9
February 25, 2016	9	On Location	Water	43.80					Surface Volumes at end of Day 9
February 25, 2016	9	On Location	Gas	0.00					Surface Volumes at end of Day 9
February 26, 2016	10	On Location	Oil	0.00					Surface Volumes at end of Day 10
February 26, 2016	10	On Location	Water	43.80					Surface Volumes at end of Day 10
February 26, 2016	10	On Location	Gas	0.00					Surface Volumes at end of Day 10
February 27, 2016	11	On Location	Oil	0.00					Surface Volumes at end of Day 11
February 27, 2016	11	On Location	Water	43.80					Surface Volumes at end of Day 11
February 27, 2016	11	On Location	Gas	0.00					Surface Volumes at end of Day 11
February 28, 2016	12	On Location	Oil	0.00					Surface Volumes at end of Day 12
February 28, 2016	12	On Location	Water	43.80					Surface Volumes at end of Day 12
February 28, 2016	12	On Location	Gas	0.00					Surface Volumes at end of Day 12
February 29, 2016	13	On Location	Oil	0.00					Surface Volumes at end of Day 13
February 29, 2016	13	On Location	Water	18.80					Surface Volumes at end of Day 13
February 29, 2016	13	On Location	Gas	0.00					Surface Volumes at end of Day 13
March 01, 2016	14	On Location	Oil	0.00					Surface Volumes at end of Day 14
March 01, 2016	14	On Location	Water	31.70					Surface Volumes at end of Day 14
March 01, 2016	14	On Location	Gas	0.00					Surface Volumes at end of Day 14
March 02, 2016	15	On Location	Oil	0.00					Surface Volumes at end of Day 15
March 02, 2016	15	On Location	Water	28.40					Surface Volumes at end of Day 15
March 02, 2016	15	On Location	Gas	0.00					Surface Volumes at end of Day 15
March 03, 2016	16	On Location	Oil	0.00					Surface Volumes at end of Day 16
March 03, 2016	16	On Location	Water	0.00					Surface Volumes at end of Day 16
March 03, 2016	16	On Location	Gas	0.00					Surface Volumes at end of Day 16
March 04, 2016	17	On Location	Oil	0.00					Surface Volumes at end of Day 17
March 04, 2016	17	On Location	Water	0.00					Surface Volumes at end of Day 17
March 04, 2016	17	On Location	Gas	0.00					Surface Volumes at end of Day 17
March 05, 2016	18	On Location	Oil	0.00					Surface Volumes at end of Day 18
March 05, 2016	18	On Location	Water	0.00					Surface Volumes at end of Day 18

WELL NAME:	APACHE POINTED MOUNTAIN (C-1) P-24			Start Date:	Wednesday February 17, 2016				
LOCATION:	300/P-24-6030-12345/00 Surface :(P-24-6030-12345)			End Date:	Sunday March 06, 2016				
Cumulative Volumes In	Oil 0.00 m ³	Water 60.30 m ³	Gas 0.00 e ³ m ³	Surface Volumes At End of Day 19					
Cumulative Volumes Out	Oil 0.00 m ³	Water 59.00 m ³	Gas 0.00 e ³ m ³	Oil 0.00 m ³					
Total Load Fluids To Recover	Oil 0.00 m ³	Water 1.30 m ³	Gas 0.00 e ³ m ³	Water 0.00 m ³					
Total Recovery Over Load	Oil 0.00 m ³	Water 0.00 m ³	Gas 0.00 e ³ m ³	Gas 0.00 e ³ m ³					
Date	Day	To From On	Fluid Type	Volume	Ticket No	Carrier / Hauler	From Location	To Location	Comment
March 05, 2016	18	On Location	Gas	0.00					Surface Volumes at end of Day 18
March 06, 2016	19	On Location	Oil	0.00					Surface Volumes at end of Day 19
March 06, 2016	19	On Location	Water	0.00					Surface Volumes at end of Day 19
March 06, 2016	19	On Location	Gas	0.00					Surface Volumes at end of Day 19
February 29, 2016	13	From Location	Water	25.00	FN119868	Troyer Ventures	P-24-6030-12345	Tervita	Haul circulated fluid from wellbore to disposal
March 03, 2016	16	From Location	Water	7.00	FN119824	Troyer Ventures	P-24-6030-12345	Tervita	Haul fluid from rig tank to disposal
March 03, 2016	16	From Location	Water	27.00	FN120025	Troyer Ventures	P-24-6030-12345	Tervita	Haul all remaining fluid from location to disposal

Prepared By: Apache Canada Ltd.

Flare Report

Well Name: APACHE POINTED MOUNTAIN (C-1) P-24 UWI: 300/P-24-6030-12345/00 Surface: P-24-6030-12345 License #: 0576

Permit #: **Start:** _____ **End:** _____

Details: Total Allowable = NA $e^3 m^3$ at a maximum rate of NA $e^3 m^3/d$ with a maximum H2S content of %

Prepared By: Apache Canada Ltd.**NPT Report**

Well Name: APACHE POINTED MOUNTAIN (C-1) P-24

Cumulative NPT Hours: 0

Cumulative NPT Costs: \$0

Date	Day	Hours	Costs	Comment
February 17, 2016	1	0.00	\$0.00	No Comment Entered
February 18, 2016	2	0.00	\$0.00	No Comment Entered
February 19, 2016	3	0.00	\$0.00	No Comment Entered
February 20, 2016	4	0.00	\$0.00	No Comment Entered
February 21, 2016	5	0.00	\$0.00	No Comment Entered
February 22, 2016	6	0.00	\$0.00	No Comment Entered
February 23, 2016	7	0.00	\$0.00	No Comment Entered
February 24, 2016	8	0.00	\$0.00	No Comment Entered
February 25, 2016	9	0.00	\$0.00	No Comment Entered
February 26, 2016	10	0.00	\$0.00	No Comment Entered
February 27, 2016	11	0.00	\$0.00	No Comment Entered
February 28, 2016	12	0.00	\$0.00	No Comment Entered
February 29, 2016	13	0.00	\$0.00	No Comment Entered
March 01, 2016	14	0.00	\$0.00	No Comment Entered
March 02, 2016	15	0.00	\$0.00	No Comment Entered
March 03, 2016	16	0.00	\$0.00	No Comment Entered
March 04, 2016	17	0.00	\$0.00	No Comment Entered
March 05, 2016	18	0.00	\$0.00	No Comment Entered
March 06, 2016	19	0.00	\$0.00	No Comment Entered

Prepared By: Apache Canada Ltd.

"Sense of Urgency"

UWI: 300/P-24-6030-12345/00 Well Name: APACHE POINTED MOUNTAIN (C-1) P-24 Licence #: 0576 AFE No.: 20-14-0480

AFE 20-14-0480 Cost Summary

AFE Estimate	\$701,248	Start Date	Wednesday Feb 17, 2016			
Total Actual	\$972,396	End Date	Sunday Mar 06, 2016			
Difference	\$271,148	Percent AFE	138.667%			
Account Description	Account Number	AFE Estimate	Actual Incl Pre Costs	Dollar Difference	Percent AFE	Comments
			\$0			
Overhead	65506	\$0				
Air Transportation	70002	\$0	\$21,623	\$21,623		
Bits, mills, etc.	70003	\$0				
Camp	70005	\$27,000	\$98,139	\$71,139	363.48%	
Cement and Cementing Services	70006	\$0	\$50,559	\$50,559		
Chemicals	70007	\$525		-\$525		
Communications	70008	\$0				
Contract Labor & Services	70017	\$24,000	\$88,779	\$64,779	369.91%	
Contract Rigs - Daywork	70019	\$96,708	\$198,509	\$101,801	205.27%	
Contract Supervision	70021	\$17,500	\$70,359	\$52,859	402.05%	
Env/Safety Remediation	70030	\$0				
Equipment Rental	70031	\$44,400	\$40,773	-\$3,627	91.83%	
Formation and Well Stimulation	70034	\$0				
P.Tanks	70035	\$36,375	\$2,032	-\$34,343	5.59%	
Fuel	70037	\$7,480		-\$7,480		
Geological and Engineering	70039	\$9,600	\$13,599	\$3,999	141.65%	
Electric Line Services	70049	\$17,760	\$90,718	\$72,958	510.80%	
Down Hole Pumps	70061	\$0				
Fluid Disposal	70067	\$0	\$3,488	\$3,488		
Snubbing/Coil Tubing Unit	70069	\$0				
Supplies	70070	\$1,000		-\$1,000		
Surveys	70072	\$1,500		-\$1,500		
Trucking and Hauling	70074	\$190,000	\$42,754	-\$147,246	22.50%	
Tubular Inspection/Testing	70076	\$75,000	\$14,655	-\$60,345	19.54%	
Workover Fluid	70077	\$12,600	\$9,000	-\$3,600	71.43%	
Fluid Transportation off site	70114	\$12,900	\$6,015	-\$6,885	46.63%	
EUB Regulatory Compliance Expense	70118	\$0				
Site prep & temporary access	70166	\$25,000	\$89,352	\$64,352	357.41%	
Slickline Services	70242	\$6,600	\$66,025	\$59,425	1000.38%	
Plunger Lifts	71001	\$0				
Safety Services	71010	\$15,300	\$32,603	\$17,303	213.09%	
Other Subsurface Equipment	71032	\$30,000		-\$30,000		
Electrical & instrumentation	71033	\$0				
Pipe, Valves, Fittings	71036	\$0				
Production Casing	71040	\$0				
Sucker Rods	71048	\$0				
Tubing	71053	\$30,000		-\$30,000		
Wellhead Assembly	71056	\$20,000	\$33,415	\$13,415	167.08%	

Daily Cost Summary

Prepared By: Apache Canada Ltd.

"top performance and innovation"

UWI: 300/P-24-6030-12345/00 Well Name: APACHE POINTED MOUNTAIN (C-1) P-24 Licence #: 0576 AFE No.: 20-14-0480

AFE Estimate	\$701,248	Start Date	Wednesday Feb 17, 2016	Actual Incl Pre Costs	Dollar Difference							
Total Actual	\$972,396	End Date	Sunday Mar 06, 2016			Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
Difference	\$271,148	Percent AFE	138.667%									
Account Description	Account Number	AFE Estimate										
Overhead	65506	\$0	\$0									
Air Transportation	70002	\$0	\$21,623	\$21,623	\$21,623							
Bits, mills, etc.	70003	\$0										
Camp	70005	\$27,000	\$98,139	\$71,139	\$504							
Cement and Cementing Services	70006	\$0	\$50,559	\$50,559								
Chemicals	70007	\$525		-\$525								
Communications	70008	\$0										
Contract Labor & Services	70017	\$24,000	\$88,779	\$64,779				\$3,353		\$2,678	\$3,478	\$8,423
Contract Rigs - Daywork	70019	\$96,708	\$198,509	\$101,801	\$54,035	\$8,130	\$10,139	\$9,497	\$9,072	\$9,522	\$8,772	
Contract Supervision	70021	\$17,500	\$70,359	\$52,859	\$41,034	\$1,725	\$1,725	\$1,725	\$1,725	\$1,725	\$1,725	\$1,725
Env/Safety Remediation	70030	\$0										
Equipment Rental	70031	\$44,400	\$40,773	-\$3,627	\$311							
Formation and Well Stimulation	70034	\$0										
P.Tanks	70035	\$36,375	\$2,032	-\$34,343								
Fuel	70037	\$7,480		-\$7,480								
Geological and Engineering	70039	\$9,600	\$13,599	\$3,999	\$13,599							
Electric Line Services	70049	\$17,760	\$90,718	\$72,958					\$15,984			\$18,300
Down Hole Pumps	70061	\$0										
Fluid Disposal	70067	\$0	\$3,488	\$3,488								
Snubbing/Coil Tubing Unit	70069	\$0										
Supplies	70070	\$1,000		-\$1,000								
Surveys	70072	\$1,500		-\$1,500								
Trucking and Hauling	70074	\$190,000	\$42,754	-\$147,246		\$15,878						
Tubular Inspection/Testing	70076	\$75,000	\$14,655	-\$60,345								
Workover Fluid	70077	\$12,600	\$9,000	-\$3,600								\$9,000
Fluid Transportation off site	70114	\$12,900	\$6,015	-\$6,885								
EUB Regulatory Compliance Expense	70118	\$0										
Site prep & temporary access	70166	\$25,000	\$89,352	\$64,352	\$57,616	\$2,977	\$7,978	\$4,216		\$4,216		\$1,992
Slickline Services	70242	\$6,600	\$66,025	\$59,425				\$10,293		\$11,496	\$4,003	\$11,161
Plunger Lifts	71001	\$0										
Safety Services	71010	\$15,300	\$32,603	\$17,303				\$3,424		\$4,226	\$2,113	\$2,113
Other Subsurface Equipment	71032	\$30,000		-\$30,000								
Electrical & instrumentation	71033	\$0										
Pipe, Valves, Fittings	71036	\$0										
Production Casing	71040	\$0										
Sucker Rods	71048	\$0										
Tubing	71053	\$30,000		-\$30,000								
Wellhead Assembly	71056	\$20,000	\$33,415	\$13,415	\$30,748							
TOTAL						\$219,469	\$28,710	\$36,912	\$31,422	\$29,197	\$34,057	\$52,486

Prepared By: Apache Canada Ltd.

"top performance and innovation"

UWI: 300/P-24-6030-12345/00 Well Name: APACHE POINTED MOUNTAIN (C-1) P-24 Lic

AFE Estimate	\$701,248	Start Date	Wednesday Feb 17, 2016	Actual Incl Pre Costs	Dollar Difference	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14
Achievement		End Date	Sunday Mar 06, 2016									
Difference	\$271,148	Percent AFE	138.667%									
Account Description	Account Number	AFE Estimate										
			\$0									
Overhead	65506	\$0										
Air Transportation	70002	\$0	\$21,623	\$21,623								
Bits, mills, etc.	70003	\$0										
Camp	70005	\$27,000	\$98,139	\$71,139							\$69,000	\$7,245
Cement and Cementing Services	70006	\$0	\$50,559	\$50,559								
Chemicals	70007	\$525		-\$525								
Communications	70008	\$0										
Contract Labor & Services	70017	\$24,000	\$88,779	\$64,779		\$16,381						
Contract Rigs - Daywork	70019	\$96,708	\$198,509	\$101,801	\$8,997	\$10,139	\$8,682	\$8,892	\$9,435	\$8,046	\$9,572	
Contract Supervision	70021	\$17,500	\$70,359	\$52,859	\$1,725	\$1,725	\$1,725	\$1,725	\$1,725	\$1,725	\$1,725	
Env/Safety Remediation	70030	\$0										
Equipment Rental	70031	\$44,400	\$40,773	-\$3,627								
Formation and Well Stimulation	70034	\$0										
P.Tanks	70035	\$36,375	\$2,032	-\$34,343								
Fuel	70037	\$7,480		-\$7,480								
Geological and Engineering	70039	\$9,600	\$13,599	\$3,999								
Electric Line Services	70049	\$17,760	\$90,718	\$72,958		\$4,893	\$10,369	\$11,662	\$7,331		\$13,297	
Down Hole Pumps	70061	\$0										
Fluid Disposal	70067	\$0	\$3,488	\$3,488								
Snubbing/Coil Tubing Unit	70069	\$0										
Supplies	70070	\$1,000		-\$1,000								
Surveys	70072	\$1,500		-\$1,500								
Trucking and Hauling	70074	\$190,000	\$42,754	-\$147,246								
Tubular Inspection/Testing	70076	\$75,000	\$14,655	-\$60,345		\$5,361					\$2,359	
Workover Fluid	70077	\$12,600	\$9,000	-\$3,600								
Fluid Transportation off site	70114	\$12,900	\$6,015	-\$6,885							\$2,880	
EUB Regulatory Compliance Expense	70118	\$0										
Site prep & temporary access	70166	\$25,000	\$89,352	\$64,352	\$1,992	\$3,784	\$3,789				\$792	
Slickline Services	70242	\$6,600	\$66,025	\$59,425	\$10,089	\$18,984						
Plunger Lifts	71001	\$0										
Safety Services	71010	\$15,300	\$32,603	\$17,303	\$2,113	\$2,113	\$2,113	\$2,113	\$2,113	\$2,113	\$2,113	\$2,113
Other Subsurface Equipment	71032	\$30,000		-\$30,000								
Electrical & instrumentation	71033	\$0										
Pipe, Valves, Fittings	71036	\$0										
Production Casing	71040	\$0										
Sucker Rods	71048	\$0										
Tubing	71053	\$30,000		-\$30,000								
Wellhead Assembly	71056	\$20,000	\$33,415	\$13,415							\$2,667	
TOTAL						\$24,916	\$63,379	\$26,678	\$24,392	\$20,604	\$89,582	\$33,952

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"top performance and innovation"

UWI: 300/P-24-6030-12345/00 Well Name: APACHE POINTED MOUNTAIN (C-1) P-24 Lic

AFE Estimate	\$701,248	Start Date	Wednesday Feb 17, 2016						
Total Actual	\$972,396	End Date	Sunday Mar 06, 2016						
Difference	\$271,148	Percent AFE	138.667%						
Account Description	Account Number	AFE Estimate	Actual Incl Pre Costs	Dollar Difference	Day 15	Day 16	Day 17	Day 18	Day 19
Overhead	65506	\$0							
Air Transportation	70002	\$0	\$21,623	\$21,623					
Bits, mills, etc.	70003	\$0							
Camp	70005	\$27,000	\$98,139	\$71,139	\$7,590	\$4,485		\$6,210	\$3,105
Cement and Cementing Services	70006	\$0	\$50,559	\$50,559	\$18,776	\$31,783			
Chemicals	70007	\$525		-\$525					
Communications	70008	\$0							
Contract Labor & Services	70017	\$24,000	\$88,779	\$64,779		\$11,378	\$4,087	\$4,804	\$34,197
Contract Rigs - Daywork	70019	\$96,708	\$198,509	\$101,801	\$9,560	\$8,021	\$8,000		
Contract Supervision	70021	\$17,500	\$70,359	\$52,859	\$1,725	\$1,725	\$1,725	\$1,725	
Env/Safety Remediation	70030	\$0							
Equipment Rental	70031	\$44,400	\$40,773	-\$3,627					\$40,462
Formation and Well Stimulation	70034	\$0							
P.Tanks	70035	\$36,375	\$2,032	-\$34,343					\$2,032
Fuel	70037	\$7,480		-\$7,480					
Geological and Engineering	70039	\$9,600	\$13,599	\$3,999					
Electric Line Services	70049	\$17,760	\$90,718	\$72,958	\$4,231	\$4,650			
Down Hole Pumps	70061	\$0							
Fluid Disposal	70067	\$0	\$3,488	\$3,488					\$3,488
Snubbing/Coil Tubing Unit	70069	\$0							
Supplies	70070	\$1,000		-\$1,000					
Surveys	70072	\$1,500		-\$1,500					
Trucking and Hauling	70074	\$190,000	\$42,754	-\$147,246	\$1,410				\$25,466
Tubular Inspection/Testing	70076	\$75,000	\$14,655	-\$60,345					\$6,935
Workover Fluid	70077	\$12,600	\$9,000	-\$3,600					
Fluid Transportation off site	70114	\$12,900	\$6,015	-\$6,885					\$3,135
EUB Regulatory Compliance Expense	70118	\$0							
Site prep & temporary access	70166	\$25,000	\$89,352	\$64,352					
Slickline Services	70242	\$6,600	\$66,025	\$59,425					
Plunger Lifts	71001	\$0							
Safety Services	71010	\$15,300	\$32,603	\$17,303	\$2,113	\$2,113	\$855	\$855	
Other Subsurface Equipment	71032	\$30,000		-\$30,000					
Electrical & instrumentation	71033	\$0							
Pipe, Valves, Fittings	71036	\$0							
Production Casing	71040	\$0							
Sucker Rods	71048	\$0							
Tubing	71053	\$30,000		-\$30,000					
Wellhead Assembly	71056	\$20,000	\$33,415	\$13,415					
TOTAL					\$45,405	\$64,154	\$14,667	\$13,594	\$118,820

Prepared By: Apache Canada Ltd.

"Sense of Urgency"

UWI: 300/P-24-6030-12345/00 Well Name: APACHE POINTED MOUNTAIN (C-1) P-24 Licence #: 0576 AFE No.: 20-14-0480

Vendor Report

AFE Estimate	\$701,248	Start Date	Wednesday Feb 17, 2016	Account Description	Account	Amount	Comment	Recurring
Total Actual	\$972,396	End Date	Sunday Mar 06, 2016					
Difference	\$271,148	Percent AFE	138.667%					
Date	Day	Vendor	Field Ticket	Account Description	Account	Amount	Comment	Recurring
February 17, 2016	1	Mel's U-Drive 1978 Ltd	15019156033	Equipment Rental	70031	\$310.92	Rentals - 2014	FALSE
February 17, 2016	1	Radar Riad Transport	18947	Site prep & temporary access	70166	\$9,642.15	Supply tow tractor as required - 2014	FALSE
February 17, 2016	1	Air Partners Corp.	AC12176	Air Transportation	70002	\$13,716.40	Airplane charter - 2014	FALSE
February 17, 2016	1	JAZA Oilfield Consultin	APA348	Contract Supervision	70021	\$13,940.20	Supervision - Brian Dickson, July 2014	FALSE
February 17, 2016	1	Eagle Well Servicing	24910	Contract Rigs - Daywork	70019	-\$1,741.38	July volume discount - 2014	FALSE
February 17, 2016	1	EAgle Well Servicing	24962	Contract Rigs - Daywork	70019	\$42,458.10	Stand-by for service rig for 2014	FALSE
February 17, 2016	1	Radar Road Transport	18324	Site prep & temporary access	70166	\$2,311.71	Supply lowbed and pilot car as required - 2014	FALSE
February 17, 2016	1	FMC Technologies Ltd	91461344	Wellhead Assembly	71056	\$30,748.22	Parts & tools - 2014	FALSE
February 17, 2016	1	JBH Consulting Inc.	142	Geological and Engineering	70039	\$1,522.68	Geological and Engineering - 2014	FALSE
February 17, 2016	1	East Coast Industries L	1054	Contract Supervision	70021	\$3,453.94	Supervision - Joe Kennedy, 2015	FALSE
February 17, 2016	1	East Coast Industries L	1059	Contract Supervision	70021	\$9,091.13	Supervision - Joe Kennedy, 2015	FALSE
February 17, 2016	1	Great Slave Helicopter	78869	Air Transportation	70002	\$7,906.79	Helicopter - 2015	FALSE
February 17, 2016	1	Ghostrider Energy Con	2936	Geological and Engineering	70039	\$3,079.72	Supervision - 2015	FALSE
February 17, 2016	1	Ghostrider Energy Con	2937	Geological and Engineering	70039	\$1,051.05	Supervision - 2015	FALSE
February 17, 2016	1	Ghostrider Energy Con	2938	Geological and Engineering	70039	\$1,571.80	Supervision - 2015	FALSE
February 17, 2016	1	Ghostrider Energy Con	2939	Geological and Engineering	70039	\$1,289.06	Supervision - 2015	FALSE
February 17, 2016	1	Ghostrider Energy Con	2940	Geological and Engineering	70039	\$1,031.25	Supervision - 2015	FALSE
February 17, 2016	1	Hazco Environmental S	TVC156500	Geological and Engineering	70039	\$1,875.00	Annual License - 2015	FALSE
February 17, 2016	1	Ghostrider Energy Con	2941	Geological and Engineering	70039	\$963.76	Supervision - 2016	FALSE
February 17, 2016	1	Ghostrider Energy Con	2942	Geological and Engineering	70039	\$1,214.41	Supervision - 2016	FALSE
February 17, 2016	1	Rodney Smith / Don Jc	9999	Camp	70005	\$503.77	Meals, lodging and transportation expenses - 2014	FALSE
February 17, 2016	1	Government of NWT	02242015	Site prep & temporary access	70166	\$19.66	Crown surface lease rentals	FALSE
February 17, 2016	1	Spectra Energy Inc.	9999	Site prep & temporary access	70166	\$43,500.00	Road use agreement costs for 2016	FALSE
February 17, 2016	1	JAZA Oilfield Consultin	APA-377	Contract Supervision	70021	\$14,548.83	Supervision - Brian Dickson for February 8, 9, 10, 13, 15, 16 & 17 / 2016	FALSE
February 17, 2016	1	Beaver Enterprises	50308 / 50310 / 50312	Site prep & temporary access	70166	\$2,142.00	Mob CAT to location and clear snow in preparation of service rig moving on	FALSE
February 17, 2016	1	Eagle Well Servicing	00000722 / 00000721	Contract Rigs - Daywork	70019	\$13,318.00	Service rig mob and rig up on location Feb. 16 & 17 / 2016	FALSE
February 18, 2016	2	JAZA Oilfield Consultin	APA-377	Contract Supervision	70021	\$1,725.00	Supervision - Brian Dickson	FALSE
February 18, 2016	2	Eagle Well Servicing	00000723	Contract Rigs - Daywork	70019	\$8,130.00	Mobile double service rig, boiler and crew	FALSE
February 18, 2016	2	Bert Baxter Transport	4979	Trucking and Hauling	70074	\$15,878.00	Move service rig support equipment to location	FALSE
February 18, 2016	2	Beaver Enterprises	50313	Site prep & temporary access	70166	\$2,977.00	CAT to clear snow to A1 & A4, sleds and guide to scout out wells	FALSE
February 19, 2016	3	JAZA Oilfield Consultin	APA-377	Contract Supervision	70021	\$1,725.00	Supervision - Brian Dickson	FALSE
February 19, 2016	3	Eagle Well Servicing	Tour00000724	Contract Rigs - Daywork	70019	\$10,139.00	Service rig, boiler and crew	FALSE
February 19, 2016	3	Scott Safety Services	83157	Safety Services	71010	\$3,424.00	Medic's & MTC for Feb. 17 - 19	FALSE
February 19, 2016	3	Bonnett's Wireline	BEFT00044818	Slickline Services	70242	\$10,293.15	Slickline unit to perform tubing diagnostics	FALSE
February 19, 2016	3	FMC Technologies	600212	Contract Labor & Services	70017	\$2,678.25	Crew to assist with wellhead removal for Feb. 18	FALSE
February 19, 2016	3	FMC Technologies	600213	Contract Labor & Services	70017	\$674.50	Crew to assist with wellhead removal	FALSE
February 19, 2016	3	Beaver Enterprises	50316	Site prep & temporary access	70166	\$5,986.00	CAT to clear snow into A1 & A4 for Feb. 18	FALSE
February 19, 2016	3	Beaver Enterprises	50318	Site prep & temporary access	70166	\$1,992.00	CAT to clear snow into A1 & A4 for Feb. 19	FALSE
February 20, 2016	4	JAZA Oilfield Consultin	APA-377	Contract Supervision	70021	\$1,725.00	Supervision - Brian Dickson	FALSE
February 20, 2016	4	Eagle Well Servicing	TOUR00000725	Contract Rigs - Daywork	70019	\$9,497.00	Service rig, boiler and crew	FALSE
February 20, 2016	4	Boreal E-Line	BWFT00021539	Electric Line Services	70049	\$15,983.75	Wireline to set permanent bridge plug in to 73.0mm tubing	FALSE
February 20, 2016	4	Beaver ENterprises	50320	Site prep & temporary access	70166	\$4,216.00	CAT 7 Hoe to finish clearing snow into A1 & A4	FALSE
February 21, 2016	5	JAZA Oilfield COnsultin	APA-377	Contract Supervision	70021	\$1,725.00	Supervision - Brian Dickson	FALSE
February 21, 2016	5	Scott Safety Services	9999	Safety Services	71010	\$4,226.00	edic's and MTC for Feb. 20 & 21	FALSE
February 21, 2016	5	Bonnett's wireline	BEFT00044819	Slickline Services	70242	\$11,495.90	Slickline unit to set G pack-offs in the 73.0mm tubing	FALSE
February 21, 2016	5	Eagle Well Servicing	TOUR00000726	Contract Rigs - Daywork	70019	\$9,072.00	Service rig, boiler and crew	FALSE
February 21, 2016	5	FMC Technologies	600216	Contract Labor & Services	70017	\$2,678.25	Wellhead tech's to assist with removal of wellhead	FALSE
February 22, 2016	6	JAZA Oilfield Consultin	APA-377	Contract Supervision	70021	\$1,725.00	Supervision - Brian Dickson	FALSE
February 22, 2016	6	Troyer Ventures	FN119969	Workover Fluid	70077	\$9,000.00	Kcl fluid to kill well	FALSE
February 22, 2016	6	Bonnett's Wireline	BEFT00044820	Slickline Services	70242	\$4,003.35	Stand-by for slickline unit and crew	FALSE
February 22, 2016	6	FMC Technologies	600217	Contract Labor & Services	70017	\$3,477.91	Wellhead crew to assist with wellhead removal	FALSE
February 22, 2016	6	Eagle Well Servicing	TOUR00000727	Contract Rigs - Daywork	70019	\$9,522.00	Service rig, boiler and crew	FALSE
February 22, 2016	6	Scott Safety Services	9999	Safety Services	71010	\$2,113.00	Medic's and MTC	FALSE
February 22, 2016	6	Beaver Enterprises	50322	Site prep & temporary access	70166	\$4,216.00	Finish clearing snow into A2A and A4 for Feb. 21	FALSE
February 23, 2016	7	JAZA Oilfield Consultin	APA-377	Contract Supervision	70021	\$1,725.00	Supervision - Brian Dickson	FALSE

Prepared By: Apache Canada Ltd.

"Sense of Urgency"

UWI: 300/P-24-6030-12345/00 Well Name: APACHE POINTED MOUNTAIN (C-1) P-24 Licence #: 0576 AFE No.: 20-14-0480

Vendor Report

AFE Estimate	\$701,248	Start Date	Wednesday Feb 17, 2016	Account Description	Account	Amount	Comment	Recurring
Total Actual	\$972,396	End Date	Sunday Mar 06, 2016					
Difference	\$271,148	Percent AFE	138.667%					
Date	Day	Vendor	Field Ticket	Account Description	Account	Amount	Comment	Recurring
February 23, 2016	7	Scott Safety Services	9999	Safety Services	71010	\$2,113.00	Medic's and MTC	FALSE
February 23, 2016	7	FMC Technologies	600215	Contract Labor & Services	70017	\$2,678.25	Wellhead crew for Feb.20	FALSE
February 23, 2016	7	FMC Technologies	600214	Contract Labor & Services	70017	\$3,932.52	Wellhead crew for Feb. 19	FALSE
February 23, 2016	7	Boreal E-Line	BWFT00021540	Electric Line Services	70049	\$7,300.00	Stand-by for Feb. 21	FALSE
February 23, 2016	7	Boreal E-Line	BWFT000215641	Electric Line Services	70049	\$5,500.00	Stand-By for Feb. 22	FALSE
February 23, 2016	7	Boreal E-Line	BWFT00021542	Electric Line Services	70049	\$5,500.00	Stand-By for Feb. 23	FALSE
February 23, 2016	7	Bonnett's Wireline	BEFT000044821	Slickline Services	70242	\$11,160.55	Slickline to punch a hole in the tubing	FALSE
February 23, 2016	7	Eagle Well Servicing	TOUR00000728	Contract Rigs - Daywork	70019	\$8,772.00	Service rig, boiler and crew	FALSE
February 23, 2016	7	Earth Communications	007377	Contract Labor & Services	70017	\$1,812.50	Installation of Satellite system	FALSE
February 23, 2016	7	Beaver Enterprises	50325	Site prep & temporary access	70166	\$1,992.00	Clear snow into A1 & A3 for Feb. 22	FALSE
February 24, 2016	8	JAZA Oilfield Consultin	APA-377	Contract Supervision	70021	\$1,725.00	Supervision - Brian Dickson	FALSE
February 24, 2016	8	Scott Safety Services	9999	Safety Services	71010	\$2,113.00	Medic's and MTC	FALSE
February 24, 2016	8	Eagle Well Servicing	TOUR00000729	Contract Rigs - Daywork	70019	\$8,997.00	Service rig, boiler and crew	FALSE
February 24, 2016	8	Bonnett's Wireline	BEFT000044822	Slickline Services	70242	\$10,088.70	Slickline to retreive plugs	FALSE
February 24, 2016	8	Beaver Enterprises	50122	Site prep & temporary access	70166	\$1,992.00	Clearing snow into A1 & A3 for Feb. 23	FALSE
February 25, 2016	9	JAZA Oilfield Consultin	APA-378	Contract Supervision	70021	\$1,725.00	Supervision - Brian Dickson	FALSE
February 25, 2016	9	Scott Safety Services	9999	Safety Services	71010	\$2,113.00	Medic's and MTC	FALSE
February 25, 2016	9	NormTek	1284	Tubular Inspection/Testing	70076	\$1,060.00	NORM Tech for Feb. 22	FALSE
February 25, 2016	9	NormTek	1285	Tubular Inspection/Testing	70076	\$1,255.40	NORM Tech for Feb. 23	FALSE
February 25, 2016	9	NormTek	1286	Tubular Inspection/Testing	70076	\$1,255.40	NORM Tech for Feb.24	FALSE
February 25, 2016	9	Bonnett's Wireline	BEFT000044823	Slickline Services	70242	\$18,983.65	Slickline to recover G Pack-Off body	FALSE
February 25, 2016	9	NormTek	1287	Tubular Inspection/Testing	70076	\$1,790.20	NORM Tech for Feb. 25	FALSE
February 25, 2016	9	Baker Hughes	941871	Contract Labor & Services	70017	\$16,381.25	Toolhand	FALSE
February 25, 2016	9	Eagle Well Servicing	TOUR00000730	Contract Rigs - Daywork	70019	\$10,139.00	Service rig, boiler and crew	FALSE
February 25, 2016	9	Boreal E-Line	BWFT00021654	Electric Line Services	70049	\$4,892.53	Wireline set a bridge plug	FALSE
February 25, 2016	9	Beaver Enterprises	50125	Site prep & temporary access	70166	\$3,784.00	Clear snow and brush into A1 & A3 for Feb. 24	FALSE
February 26, 2016	10	JAZA Oilfield Consultin	APA-378	Contract Supervision	70021	\$1,725.00	Supervision - Brian Dickson	FALSE
February 26, 2016	10	Scott Safety Services	9999	Safety Services	71010	\$2,113.00	Medic's & MTC	FALSE
February 26, 2016	10	Beaver Enterprises	50333	Site prep & temporary access	70166	\$3,789.00	Finish clear snow and brush into A1 & A3 for Feb 25	FALSE
February 26, 2016	10	Eagle Well Servicing	TOUR00000731	Contract Rigs - Daywork	70019	\$8,682.00	Service rig, boiler and crew	FALSE
February 26, 2016	10	Boreal E-Line	BWFT00021653	Electric Line Services	70049	\$4,375.00	Stand-by for Feb.24	FALSE
February 26, 2016	10	Boreal E-Line	BWFT00021655	Electric Line Services	70049	\$5,994.38	Wireline to perform Noise / Temp. log	FALSE
February 27, 2016	11	JAZA Oilfield Consultin	APA-378	Contract Supervision	70021	\$1,725.00	Supervision - Brian Dickson	FALSE
February 27, 2016	11	Scott Safety Services	9999	Safety Services	71010	\$2,113.00	Medic's & MTC	FALSE
February 27, 2016	11	Boreal E-Line	BWFT00021656	Electric Line Services	70049	\$11,662.35	CHAT Log from 1085 to surface, Noise log from 585 to surface	FALSE
February 27, 2016	11	Eagle Well Servicing	TOUR00000732	Contract Rigs - Daywork	70019	\$8,892.00	Service rig, boiler and crew	FALSE
February 28, 2016	12	JAZA Oilfield Consultin	APA-378	Contract Supervision	70021	\$1,725.00	Supervision - Brian Dickson	FALSE
February 28, 2016	12	Scott Safety Services	9999	Safety Services	71010	\$2,113.00	Medic's and MTC	FALSE
February 28, 2016	12	Boreal E-Line	BWFT00021657	Electric Line Services	70049	\$7,331.33	RIH with RCBL logging tool, dump bail cement	FALSE
February 28, 2016	12	Eagle Well Servicing	TOUR00000733	Contract Rigs - Daywork	70019	\$9,434.50	Service rig, boiler and crew	FALSE
February 29, 2016	13	JAZA Oilfield Consultin	APA-378	Contract Supervision	70021	\$1,725.00	Supervision - Brian Dickson	FALSE
February 29, 2016	13	Scott Safety Services	9999	Safety Services	71010	\$2,113.00	Medic's & MTC	FALSE
February 29, 2016	13	NormTek	510032	Tubular Inspection/Testing	70076	\$2,358.95	NORM Tech to sweep plant site and abandonment wellheads	FALSE
February 29, 2016	13	FMC Technologies	717603	Wellhead Assembly	71056	\$2,667.23	Tubing hanger and hot shot to camp	FALSE
February 29, 2016	13	Beaver Enterprises	50337	Site prep & temporary access	70166	\$792.00	CAT to clear snow around C-Cans at the airstrip	FALSE
February 29, 2016	13	Troyer Ventures	FN119868	Fluid Transportation off site	70114	\$2,880.00	Load and haul fluid circulated from wellbore to disposal	FALSE
February 29, 2016	13	Eagle Well Servicing	TOUR00000734	Contract Rigs - Daywork	70019	\$8,046.00	Service rig, boiler and crew	FALSE
February 29, 2016	13	Acho Camp & Catering	4943	Camp	70005	\$18,630.00	Camp and meals for Feb. 16 - 20	FALSE
February 29, 2016	13	Acho Camp & Catering	4942	Camp	70005	\$38,640.00	Camp and meals for Feb. 21 - 27	FALSE
February 29, 2016	13	Acho Camp & Catering	4944	Camp	70005	\$11,730.00	Camp and meals for Feb. 28 & 29	FALSE
March 01, 2016	14	JAZA Oilfield Consultin	APA-378	Contract Supervision	70021	\$1,725.00	Supervision - Brian Dickson	FALSE
March 01, 2016	14	Scott Safety	9999	Safety Services	71010	\$2,113.00	Medic's and MTC	FALSE
March 01, 2016	14	Acho Camp & Catering	4944	Camp	70005	\$7,245.00	Camp and meals for crews	FALSE
March 01, 2016	14	Boreal E-Line	BWFT00021659	Electric Line Services	70049	\$8,922.31	Wireline to perforate remedial interval	FALSE
March 01, 2016	14	Boreal E-Line	BWFT00021658	Electric Line Services	70049	\$4,375.00	Stand-by for Feb. 29	FALSE
March 01, 2016	14	Eagle Well Servicing	TOUR00000735	Contract Rigs - Daywork	70019	\$9,572.00	Service rig, boiler and crew	FALSE

Prepared By: Apache Canada Ltd.

"Sense of Urgency"

UWI: 300/P-24-6030-12345/00 Well Name: APACHE POINTED MOUNTAIN (C-1) P-24 Licence #: 0576 AFE No.: 20-14-0480

Vendor Report

AFE Estimate	\$701,248	Start Date	Wednesday Feb 17, 2016	Account Description	Account	Amount	Comment	Recurring
Total Actual	\$972,396	End Date	Sunday Mar 06, 2016					
Difference	\$271,148	Percent AFE	138.667%					
Date	Day	Vendor	Field Ticket	Account Description	Account	Amount	Comment	Recurring
March 02, 2016	15	JAZA Oilfield Consultin	APA-378	Contract Supervision	70021	\$1,725.00	Supervision - Brian Dickson	FALSE
March 02, 2016	15	Scott Safety Services	9999	Safety Services	71010	\$2,113.00	Medic's and MTC	FALSE
March 02, 2016	15	ACHO Camp & Caterin	9999	Camp	70005	\$7,590.00	Rooms and meals for crew	FALSE
March 02, 2016	15	Beaver Enterprises	50340	Trucking and Hauling	70074	\$1,410.00	Picker to load wellhead shelter and haul to Ft. Liard	FALSE
March 02, 2016	15	Sanjel	423179	Cement and Cementing Service	70006	\$8,021.00	Rig in and acicric acid squeeze for March 01	FALSE
March 02, 2016	15	Boreal E-Line	BWFT00021660	Electric Line Services	70049	\$4,231.26	Set cement retainer	FALSE
March 02, 2016	15	Sanjel	423180	Cement and Cementing Service	70006	\$10,755.00	Cement squeeze remedial perforations at 486.0 - 487.0	FALSE
March 02, 2016	15	Eagle Well Servicing	TOUR00000736	Contract Rigs - Daywork	70019	\$9,559.50	Service rig, boiler and crew	FALSE
March 03, 2016	16	JAZA Oilfield Consultin	APA-378	Contract Supervision	70021	\$1,725.00	Supervision - Brian Dickson	FALSE
March 03, 2016	16	Scott Safety Services	9999	Safety Services	71010	\$2,113.00	Medic's AND MTC	FALSE
March 03, 2016	16	Boreal E-Line	BWFT00021543	Electric Line Services	70049	\$4,650.00	Dump bail cement on top of retainer	FALSE
March 03, 2016	16	Baker Hughes	941882	Cement and Cementing Service	70006	\$16,318.75	Cement retainer, stinger and toolhand	FALSE
March 03, 2016	16	Sanjel	423181	Cement and Cementing Service	70006	\$15,463.94	Rig out and de-mob cementing equipment	FALSE
March 03, 2016	16	Troyer Ventures	FN119819	Contract Labor & Services	70017	\$1,850.00	Vac truck on stand-by Feb. 28	FALSE
March 03, 2016	16	Troyer Ventures	FN119820	Contract Labor & Services	70017	\$1,480.00	Vac truck on stand-by Feb. 29	FALSE
March 03, 2016	16	Troyer Ventures	FN119821	Contract Labor & Services	70017	\$2,127.50	Vac on stand-by for cement job for March. 01	FALSE
March 03, 2016	16	Troyer Ventures	FN119823	Contract Labor & Services	70017	\$2,590.00	Vac truck to clean up after cement job on Mar. 2	FALSE
March 03, 2016	16	Troyer Ventures	FN119824	Contract Labor & Services	70017	\$3,330.00	Vac truck to empty and clen rig tank	FALSE
March 03, 2016	16	Eagle Well Servicing	TOUR00000737	Contract Rigs - Daywork	70019	\$8,020.50	Service rig, boiler and crew	FALSE
March 03, 2016	16	ACHO camp & catering	9999	Camp	70005	\$4,485.00	Rooms and meals for crew	FALSE
March 04, 2016	17	JAZA Oilfield Consultin	APA-378	Contract Supervision	70021	\$1,725.00	Supervision - Brian Dickson	FALSE
March 04, 2016	17	Eagle Well Servicing	TOUR00000738	Contract Rigs - Daywork	70019	\$4,000.00	Service rig to move back to base for March 04	FALSE
March 04, 2016	17	Eagle Well Servicing	TOUR00000739	Contract Rigs - Daywork	70019	\$4,000.00	Service rig to move back to base for March 05	FALSE
March 04, 2016	17	Scott Safety Services	9999	Safety Services	71010	\$855.00	Medic & MTC	FALSE
March 04, 2016	17	Earth Communications	007380	Contract Labor & Services	70017	\$1,302.50	Tech to tear down and haul communication system back to base	FALSE
March 04, 2016	17	Beaver Enterprises	50343	Contract Labor & Services	70017	\$992.00	Walk CAT to km 4 on the Amoco road to assist with service rig move	FALSE
March 04, 2016	17	Beaver Enterprises	50345	Contract Labor & Services	70017	\$1,792.00	CAT on stand-by to assist with equipment getting up km 4 hill on the Amoco	FALSE
March 05, 2016	18	JAZA Oilfield Consultin	APA-378	Contract Supervision	70021	\$1,725.00	Supervision - Brian Dickson	FALSE
March 05, 2016	18	Scott Safety Services	9999	Safety Services	71010	\$855.00	Medic & MTC	FALSE
March 05, 2016	18	Acho Camp & Catering	9999	Camp	70005	\$3,450.00	Rooms and meals for crew for March 4	FALSE
March 05, 2016	18	FMC Technologies	608336	Contract Labor & Services	70017	\$504.10	Wellhead techs to install SCV of A-2A	FALSE
March 05, 2016	18	Acho Camp & Catering	9999	Camp	70005	\$2,760.00	Rooms and meals for crew	FALSE
March 05, 2016	18	Troyer Ventures	9999	Contract Labor & Services	70017	\$2,500.00	Hydrovac to expose lines around wellhead	FALSE
March 05, 2016	18	Troyer Ventures	9999	Contract Labor & Services	70017	\$1,800.00	Steamer to thaw wellheads	FALSE
March 06, 2016	19	Troyer Ventures	FN120025	Fluid Transportation off site	70114	\$3,135.00	Haul all fluids from location to disposal on March 3/16	FALSE
March 06, 2016	19	Troyer Ventures	FN120063	Contract Labor & Services	70017	\$800.00	Hydrovac travel to camp on March 4	FALSE
March 06, 2016	19	Troyer Ventures	FN120064	Contract Labor & Services	70017	\$4,320.00	Daylight flowlines at wellhead as well as termination point	FALSE
March 06, 2016	19	Troyer Ventures	FN120065	Contract Labor & Services	70017	\$960.00	Hydrovac travel from camp back to base on March 6	FALSE
March 06, 2016	19	Tervita	W200200002230	Fluid Disposal	70067	\$3,487.60	Disposal of all fluids	FALSE
March 06, 2016	19	Beaver Enterprises	50349	Contract Labor & Services	70017	\$2,244.00	CAT to blade Amoco road, Hoe to dig bell hole, March 5	FALSE
March 06, 2016	19	Beaver Enterprises	50350	Contract Labor & Services	70017	\$1,192.00	Walk CAT to km 1.5 on Amoco road, March 6	FALSE
March 06, 2016	19	Troyer Ventures	FN121132	Contract Labor & Services	70017	\$2,970.00	Steamer to assist with cut and cap March 5	FALSE
March 06, 2016	19	Troyer Ventures	1320	Contract Labor & Services	70017	\$1,320.00	Steamer stand-by March 6	FALSE
March 06, 2016	19	Troyer Ventures	FN121134	Contract Labor & Services	70017	\$2,080.00	Steamer to assist with sign post install March 7	FALSE
March 06, 2016	19	Bert Baxter Transport	4980	Trucking and Hauling	70074	\$24,980.99	Trucks to haul rentals and service rig equipment back to bases	FALSE
March 06, 2016	19	Troyer Ventures	FN120078	Contract Labor & Services	70017	\$742.50	Vacuum truck to clean out 400 bbl. tank	FALSE
March 06, 2016	19	3-D Line locating	RPV 000492	Contract Labor & Services	70017	\$1,592.50	Crew to travel to camp March 3	FALSE
March 06, 2016	19	3-D Line Locating	RPV 000493	Contract Labor & Services	70017	\$867.50	Line locate	FALSE
March 06, 2016	19	3-D Line locating	RPV 000498	Contract Labor & Services	70017	\$1,520.00	Crew to travel back to base	FALSE
March 06, 2016	19	Ketek Group	RI-125450	Equipment Rental	70031	\$16,654.40	Rentals	FALSE
March 06, 2016	19	Acho Camp & Catering	9999	Camp	70005	\$3,105.00	Rooms and meals for March 6	FALSE
March 06, 2016	19	Dushay Welding Ltd.	17051	Contract Labor & Services	70017	\$690.00	Travel from Ft. NElson to camp March 4	FALSE
March 06, 2016	19	Dushay Welding Ltd.	17052	Contract Labor & Services	70017	\$3,233.39	Cut and Cap C-1 well on March 5	FALSE
							Cut off sign from surface casing and manufacture sign as per OROGO regulations on March 6	
March 06, 2016	19	Dushay Welding Ltd.	17053	Contract Labor & Services	70017	\$3,680.17		FALSE
March 06, 2016	19	Dushay Welding Ltd.	17054	Contract Labor & Services	70017	\$2,850.00	Install lease sign on March 7	FALSE

Prepared By: Apache Canada Ltd.

"Sense of Urgency"

UWI: 300/P-24-6030-12345/00 Well Name: APACHE POINTED MOUNTAIN (C-1) P-24 Licence #: 0576 AFE No.: 20-14-0480

Vendor Report

AFE Estimate	\$701,248	Start Date	Wednesday Feb 17, 2016						
Total Actual	\$972,396	End Date	Sunday Mar 06, 2016						
Difference	\$271,148	Percent AFE	138.667%						
Date	Day	Vendor	Field Ticket	Account Description	Account	Amount	Comment		Recurring
March 06, 2016	19	Troyer Ventures	FN120078	Contract Labor & Services	70017	\$742.50	Vacuum truck to empty 400 bbl. tanks.		FALSE
March 06, 2016	19	Earth Communications	116662	Equipment Rental	70031	\$3,650.00	Rental of communication system		FALSE
March 06, 2016	19	Earth Communications	007378	Contract Labor & Services	70017	\$2,392.50	Tech to tear out communication system		FALSE
March 06, 2016	19	Aero Rentals	19136-1	Equipment Rental	70031	\$1,799.98	Rental of hydraulic nut splitter		FALSE
March 06, 2016	19	Aero Rentals	19136-1	Equipment Rental	70031	\$1,799.98	Rental of hydraulic nut splitter		FALSE
March 06, 2016	19	NORMTEK	510033	Tubular Inspection/Testing	70076	\$6,935.00	Tubing decontamination		FALSE
March 06, 2016	19	Dan's Oilfield Rentals	14604	Equipment Rental	70031	\$14,651.60	60.3mm tubing rental, inspection and trucking		FALSE
March 06, 2016	19	Total Oilfield Rentals	FN99529894	Trucking and Hauling	70074	\$485.10	haul wellheads to Stream-Flo		FALSE
March 06, 2016	19	AGAT Labs	16246133H	P.Tanks	70035	\$2,031.60	Sample gas from SCV		FALSE
March 06, 2016	19	KETEK Group	RI-125557	Equipment Rental	70031	\$1,906.50	Rentals for March		FALSE

Surface Casing Vent Flow/ Gas Migration Data Sheet

Complete a separate form for each well and submit the form to the appropriate ERCB Area Office. The Well Abandonment Guide comes with a pad of additional data sheets; more copies are available from ERCB Information Services. 403-297-8190, fax 403-297-7040.

The licensee certifies that the information on this sheet is correct and that the vent flow or gas migration repair will be done according to regulatory requirements or as directed by the ERCB.

Date

1: GENERAL INFORMATION AND CERTIFICATION

LICENSEE	Company Name Apache Canada Limited	Licensee Code OJL8
AGENT	Company Name	Agent Code
CONSULTANT	Company Name Dickson	Consultant Code Brian
CONTACT PERSON	Last Name Richard Bean	First Name
TELEPHONE	Business 1-403-303-1929	Fax

2: WELL TEST INFORMATION

LICENSE NO.: 0576 UNIQUE IDENTIFIER: 300/P-24-6030-12345/00 DATE TESTED: February 18, 2016

3: SURFACE CASING VENT FLOW TEST DATA

3.1	Vent Flow Exists	<input type="checkbox"/> Yes	3.2 Test Type (e.g., bubble test, other):	10 minute bubble test
If YES, complete the rest of this section.				
3.3	Type of Flow.	<input type="checkbox"/> Gas	The flow is <input type="checkbox"/> Sweet	
3.4	Casing Information			
Surface	Depth <u>182.9</u>	Size <u>244.5</u>	Grade <u>N-80, LT&C</u>	Weight <u>59.52</u>
Production	Depth <u>1642</u>	Size <u>139.7</u>	Grade <u>J-55, LT&C</u>	Weight <u>25.3</u>
	Depth _____	Size _____	Grade _____	Weight _____
	Depth _____	Size _____	Grade _____	Weight _____
	Depth _____	Size _____	Grade _____	Weight _____
	Depth _____	Size _____	Grade _____	Weight _____
	Depth _____	Size _____	Grade _____	Weight _____
	Depth _____	Size _____	Grade _____	Weight _____
	Depth _____	Size _____	Grade _____	Weight _____
3.5	Cementing Details			
Cement Top	m	Logged <input type="checkbox"/>	Estimated (from log, tour reports)	<input type="checkbox"/>
Describe cementing detail (e.g., type, blend, specifications):				Surface casing: 350 sacks neat cement + 2% CaCl ₂ . Good
Returns reported				
Production casing: 740 sacks net cement + 12% gel and 253 sacks neat cement (1875 kg/m ³). Cement returns to surface reported				
3.6	Vent Flow Data:			
Leak off pressure Gradient	_____	Flow Rate	_____ m ³ /d (if flow not measured, fill in TSTM)	
Stabilized build up pressure	_____	KPa	_____	
Source of Flow	_____	m(depth)	Duration _____ hrs	
Determined by (log type, etc.)	_____			
3.7	Groundwater information:			
Depth of Usable Water Aquifers	_____	m (depth)	Nearest Water Well	km

Tested by Brian Dickson
PLEASE PRINT NAME

SIGNATURE

(Surface Casing Vent Flow/Gas Migration continued on next page)

APACHE POINTED MOUNTAIN (C-1) P-24

March 08, 2016



North facing from well center



South facing from well center



East facing from well center



West facing from well center



APACHE POINTED MOUNTAIN (C-1) P-24

March 11, 2016



Wellhead being removed



Production capped



Surface capped



Bell hole

5

6



FIELD TRANSFER

FT-

MT-F-7510-1

Movement Date: March 11, 2016

FROM Name:	APACHE POINTED MOUNTAIN (C-1) P-24			TO Name:	Stream-Flo					
FROM Surface Location:	P-24-6030-12345			TO Surface Location:	Ft. St. John, British Columbia					
FROM DH Location:	300/P-24-6030-12345/00			TO DH Location:						
FROM Coding:	20-14-0480			TO Coding:	20-14-0480					
Hauled By:	Bert Baxter Transport / Total Oilfield Rentals		Transferred by:	Brian Dickson						
Remarks:										
EH&S:	Has Equipment been thoroughly cleaned and purged of all hazardous materials and residual hazardous materials?						YES	no		
	Has equipment been tested for the presence of H2S?		YES	Readings:				no		
	Has equipment been tested for the presence of NORMS?		YES	Readings:				no		
	Does shipment comply to TDG regulations? Placards?		YES	Placards:				no		
	Special Precautions Needed?	YES							no	
Commodity/Size/Description:					JTS.	Cond	Unit Measure	Quantity	Condition Unit Price:	TOTAL:
	1 - casing bowl									
	1 - Rectorhead tubing head (Installed in 1972, no numbers on plate, corroded)									
	1 - top section, 2 9/16" x 5K FMC gate valve S/N: 88-12211									
	2" x 5K, Newman McEvoy gate valve S/N: BD45078									
	Note: To be entered into buy back system									
							Sub Total:			\$0.00
									Taxes GST:	\$0.00
Issued By:	Issued Date	Approved By			Approved Date			TOTAL:		
Brian Dickson	March 08 / 2016									



FIELD TRANSFER

FT-

MT-F-7510-2

Movement Date:

February 27, 2016



FIELD TRANSFER

FT-

MT-F-7510-3

Movement Date:

February 27, 2016