

May 21, 2014

Strategic et al Cameron 2H-03 – Well ID # 2073 – Approved ACW dated February 21, 2014

Summary of Operations – March 2014

March 2, 2014 – move in, rig up.

March 3, 2014 – kill well. Perform SCVF test (no bubbles). BOP up.

March 4, 2014 – pull and stand 73 mm tubing. Spool cable. Lay down ESP.

March 5, 2014 – run in hole, set WR plug. Remove BOP and change out wellhead for conventional production (ie. Pump and rods). Pull WR. Run in hole with 73.0 mm tubing c/w QPRL-826 oversized tubing pump on bottom. Land tubing and set anchor. Tubing bottom at 1260.0 mKB.

March 6, 2014 – run in hole with rod string and latch on to pump. Rig out

Any questions or concerns, please call me at 403 767-2944.



Ken Nikiforuk, Completions Manager
Strategic Oil & Gas Ltd.

MAIL ROOM
SALLE DE COURIER
2014 JUN -5 P 1:09
NEB/ONE



Operator: Strategic Oil & Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Jay Kanngiesser

Tel2:

Tel1: 780-916-1618

UWI: 302H036010117300		WELL: Strategic et al Cameron 2H-03		DATE: 02-Mar-2014	
24 Hr Summary: MIRU Hurley rig 10, Dragons Breath testing, safety services.				END: 07-Mar-2014	
Formation:		Surf Loc: 60°10'N 117° 30.0' W		Licence: 2073 Day #: 1	
Objective: Change out ESP and replace with conventional pump and rods		Serv Rig Start: 03-Mar-2014		Serv Rig End: 07-Mar-2014	
Operations at 6:00: kill well, nipple up BOP, test.		AFE #: 14RCCAM002		AFE Estimate: \$273,395.00	
Daily Cost: \$46,291		Previous Cumulative Cost: \$0		Cum Cost: \$46,291	
Ground:	770.20 m	KB To TH:	5.50 m	Open Hole:	mKB
KB to Grd:	7.00 m	Tubing:	73 mm	Bot at:	1268.2 m
TD (MD):	m	Casing:	177.8 mm	Set at:	1531 m
PBTD:	2,523.80 m	Liner:	114.3 mm	Top at:	2529 m
BOP Drill:		BOP Press Test:		Function Test:	
SITP:	kPa	SICP:	kPa	SCV:	kPa
				H ₂ S	%

Remarks:

Time From	Time To	Hours	Code	Comments
05:45	07:00	1.25		Travelled to location.
07:00	08:00	1	SAFE	Performed site walk around. No new hazards, gas or H2S noted. Conducted daily safety and operations meeting. Issued safe work permits and discussed all hazard assessments.
08:00	16:00	8	RIG	Emptied boiler, rig tank. Moved boiler and rig tank and re-filled. Moved all equipment to location and spotted to NEB, Strategic, Hurley and Dragons Breath specifications. Rigged in all boiler and pump lines and heaters, enabled steam system. Rigged in Dragns Breath P-tank, flowline, flare and pop lines, propane skid and vaporizer and flare. Air and medic lent to operations for safety services for post turn around work.
16:00	17:30	1.5		Travelled to Steen camp.

Total: 11.75

Equipment on Location: **service rig, boiler, testers.**

Reservoir Fluids Summary	Reset <input type="checkbox"/> Gas:	Daily:	10 ³ m ³ /d	Cum:	10 ³ m ³	Tubing volume:	m ³
	Cums <input type="checkbox"/> Oil or Condensate:	Daily:	m ³	Cum:	m ³	Csg. ann vol:	m ³
	<input type="checkbox"/> Water:	Daily:	m ³	Cum:	m ³	Open hole vol:	m ³
	Time Swabbed/Flowed:	Daily:	0.00 hrs	Cum:	hrs	Total:	0 m ³
Load Fluids	Reset <input type="checkbox"/> OIL	Used	m ³	Cum	m ³	Rec	m ³
	Cums <input type="checkbox"/> WATER	Used	m ³	Cum	0 m ³	Rec	m ³
	<input type="checkbox"/> OTHER	Used	m ³	Cum	m ³	Rec	m ³
Hours	Service Rig Hours	Daily	8.50 hrs	Cumulative	8.50 hrs	DownTime:	hrs
	Personnel on Location	Rig:	6	Service:	4	Company:	1
	Weather: clear	Temp	-37/-18 °C	Lease:	rough	Roads:	frozen
Manager: Jay Kanngiesser		Programmed By: Ken Nikiforuk					

Operator: Strategic Oil & Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Jay Kanngiesser

Tel2:

Tel1: (780) 916-1618

UWI: 302H036010117300		WELL: Strategic et al Cameron 2H-03		DATE: 03-Mar-2014	
24 Hr Summary: Kill well. Remove wellhead. Install BOP and test.					END: 07-Mar-2014
Formation:		Surf Loc: 60°10'N 117° 30.0' W		Licence: 2073	Day #: 2
Objective: Change out ESP and replace with conventional pump and rods			Serv Rig Start: 03-Mar-2014	Serv Rig End: 07-Mar-2014	
Operations at 6:00: Rig in ESP pulling equip. POOH and scope tbg.			AFE #: 14RCCAM002	AFE Estimate: \$273,395.00	
Daily Cost: \$20,401		Previous Cumulative Cost: \$46,291		Cum Cost: \$66,692	
Ground:	770.20 m	KB To TH:	5.50 m	Open Hole:	mKB
KB to Grd:	7.00 m	Tubing:	73 mm	Bot at:	1268.2 m
TD (MD):	m	Casing:	177.8 mm	Set at:	1531 m
PBTD:	2,523.80 m	Liner:	114.3 mm	Top at:	2529 m
BOP Drill:		BOP Press Test:		Function Test:	
SITP:	400 kPa	SICP:	400 kPa	SCV:	kPa
				H ₂ S:	%

Remarks:

Time From	Time To	Hours	Code	Comments
5:45	07:00	1.25		Travelled Steen camp to location.
07:00	08:00	1	SAFE	Performed site walk around. No new hazards, gas or H2S noted. Conducted daily safety and operations meeting. Discussed all hazard assessments and extended safe work permits.
				Medic and safety/air working for operations on adjacent lease, in consyant radio communication.
08:00	08:15	0.25	SHUT	Obtained wellhead pressures above.
08:15	11:00	2.75	KILL	Bled off tubing and casing to testers.
				Pumped 4.0 m3 scavenged produced water down tubing. Pumped 26.0 m3 scavenged produced water down casing to kill well.
11:00	12:00	1	WAIT	Wait for more kill fluid to be delivered.
			SCVF	Conducted surface casing vent flow test using 15 minute bubble test method. No bubbles or vent flow.
12:00	12:45	0.75	PTST	Stump tested BOP blind, pipe rams to 1.4 and 14.0 Mpa, OK. Stump tested annular to 1.4 and 10.0 Mpa for 10 minutes each, OK.
12:45	14:00	1.25	WLHD	Removed wellhead. Difficulty with electrical connector and sleeve in top of tubing hanger tubing connection.
14:00	15:30	1.5	BOPS	Installed BOP, workfloor, tubing handling equipment. Rigged in workfloor tatrps and BOP heater.
15:30	16:00	0.5	SDFN	Secured the well, winterized all equipment and SDFN.
16:00	17:30	1.5		Travelled back to Steen camp.

Total: 11.75

Equipment on Location: **service rig, boiler, testers.**

Reservoir Fluids Summary	Reset <input type="checkbox"/> Gas:	Daily:	10 ³ m ³ /d	Cum:	0 10 ³ m ³	Tubing volume:	m ³
	Cums <input type="checkbox"/> Oil or Condensate:	Daily:	m ³	Cum:	0 m ³	Csg. ann vol:	m ³
	<input type="checkbox"/> Water:	Daily:	m ³	Cum:	0 m ³	Open hole vol:	m ³
	Time Swabbed/Flowed:	Daily:	0.00 hrs	Cum:	hrs	Total:	0 m ³
Load Fluids	Reset <input type="checkbox"/> OIL	Used	m ³	Cum	0 m ³	Rec	m ³
	Cums <input type="checkbox"/> WATER	Used	30 m ³	Cum	30 m ³	Rec	m ³
	<input type="checkbox"/> OTHER	Used	m ³	Cum	0 m ³	Rec	m ³
Hours	Service Rig Hours	Daily	8.00 hrs	Cumulative	16.50 hrs	DownTime:	hrs
	Personnel on Location	Rig:	6	Service:	2	Company:	1
	Weather: clear	Temp	-33/-20 °C	Lease: rough	Roads: frozen		
Manager: Jay Kanngiesser		Programmed By: Ken Nikiforuk					

Operator: Strategic Oil & Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Jay Kanngiesser

Tel2:

Tel1: (780) 916-1618

UWI: 302H036010117300		WELL: Strategic et al Cameron 2H-03		DATE: 04-Mar-2014	
24 Hr Summary: POOH/scope tubing. POOH and laid down ESP				END: 07-Mar-2014	
Formation:		Surf Loc: 60°10'N 117° 30.0' W		Licence: 2073	
Objective: Change out ESP and replace with conventional pump and rods		Serv Rig Start: 03-Mar-2014		Serv Rig End: 07-Mar-2014	
Operations at 6:00 : Set plug, remove W/H spool. RIH Tbg pump, anchor.		AFE #: 14RCCAM002		AFE Estimate: \$273,395.00	
Daily Cost: \$36,336		Previous Cumulative Cost: \$66,692		Cum Cost: \$103,028	
Ground: 770.20 m	KB To TH: 5.50 m	Open Hole: mKB	Date	Perf Formation	Top Base
KB to Grd: 7.00 m	Tubing: 73 mm	Bot at: 1268.2 m	20-Mar-11		2492.75
TD (MD): m	Casing: 177.8 mm	Set at: 1531 m	20-Mar-11		2328.08
PBTD: 2,523.80 m	Liner: 114.3 mm	Top at: 2529 m	20-Mar-11		2194.54
BOP Drill:	BOP Press Test:	Function Test:	20-Mar-11		2061.04
SITP: TSTM kPa	SICP: 0 kPa	SCV: 0 kPa	20-Mar-11		1943.29
H ₂ S: 0 %					

Remarks:

STARS SITE 659

Time From	Time To	Hours	Code	Comments
05:45	07:00	1.25		Travelled Steen River to locaton.
07:00	08:00	1	SAFE	Performed daily site walk around. No new Hazards, gas or H2S noted. Temp -33C, light wind.
				Conducted daily safety and operations meeting. Discussed all hazard assessments and issued daily safe work permits.
08:00	08:15	0.25	SHUT	Obtained wellhead pressure above.
08:15	09:30	1.25	RIG	Spiked 3 layers of planks together to stiffen to stand pipe on. Spotted and rigged in CJ-CSM tubing inspection and Nipisi Electric spool truck.
09:30	17:45	8.25	TRPTBG	Unseated and removed tubing hanger, rigged in cable spool and tubing inspections and POOH and scoped 8 jts tbg. Tubing not draining. Rigged and pumped 1.3 m3 scavenged produced water to attempt to get tubing to drain. POOH 54 more jts. Fluid again. Pumped 1.7 m3 scavenged produced water down tubing. POOH and scoped 32 more joints. Rigged in Quinn Well Control slickline. RIH with mechanical perforator and perforated joint on top of XN nipple. Pumped 0.5 m3 scavenged produced water. Well on hard vac.
				Rigged out Quinn slickline and continued to POOH and scoped tubing 34 jts tubing)last perforated, XN nipple, 1 jt tubing. 106 jts yellow, 10 jts blue, 2 jts green, 11 jts red..
	16:00			Disconnected power lead from pump, broke down ESP assembly and laid assembly onto Nipisi trailer.
17:45	18:30	0.75	SDFN	Secured the well, winterized all equipment and SDFN.
18:30	19:45	1.25		Travelled to Steen camp.

Total: 14

Equipment on Location: **service rig, boiler, testers, ESP spool truck and tech.**

Reservoir Fluids Summary	Reset <input type="checkbox"/> Gas:	Daily: 10 ³ m ³ /d	Cum: 0 10 ³ m ³	Tubing volume: m ³		
	Cums <input type="checkbox"/> Oil or Condensate:	Daily: m ³	Cum: 0 m ³	Csg. ann vol: m ³		
	<input type="checkbox"/> Water:	Daily: m ³	Cum: 0 m ³	Open hole vol: m ³		
	Time Swabbed/Flowed:	Daily: hrs	Cum: hrs	Total: 0 m ³		
Load Fluids	Reset <input type="checkbox"/> OIL	Used m ³	Cum 0 m ³	Rec m ³	Cum 0 m ³	To Rec 0 m ³
	Cums <input type="checkbox"/> WATER	Used 3.5 m ³	Cum 33.5 m ³	Rec m ³	Cum 0 m ³	To Rec 33.5 m ³
	<input type="checkbox"/> OTHER	Used m ³	Cum 0 m ³	Rec m ³	Cum 0 m ³	To Rec 0 m ³
Hours	Service Rig Hours	Daily hrs	Cumulative 16.50 hrs	DownTime: hrs	Cumulative DownTime: hrs	
	Personnel on Location	Rig: 6	Service: 8	Company: 1	Total Personnel: 15	
	Weather: incr cloud	Temp -33/-16 °C	Lease: rough	Roads: frozen		
Manager: Jay Kanngiesser		Programmed By: Ken Nikiforuk				

Operator: Strategic Oil & Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Jay Kanngiesser

Tel2:

Tel1: (780) 916-1618

UWI: 302H036010117300		WELL: Strategic et al Cameron 2H-03		DATE: 05-Mar-2014	
24 Hr Summary: Set plug, Bop off, remove w/h spool, BOP on RIH prod string, set anchor				END: 07-Mar-2014	
Formation:		Surf Loc: 60°10'N 117° 30.0' W		Licence: 2073	
Objective: Change out ESP and replace with conventional pump and rods		Serv Rig Start: 03-Mar-2014		Serv Rig End: 07-Mar-2014	
Operations at 6:00 : Remove BOP, W/H on. RIH rod string. Begin rig out.		AFE #: 14RCCAM002		AFE Estimate: \$273,395.00	
Daily Cost: \$94,543		Previous Cumulative Cost: \$103,028		Cum Cost: \$197,571	
Ground:	770.20 m	KB To TH:	5.50 m	Open Hole:	mKB
KB to Grd:	7.00 m	Tubing:	73 mm	Bot at:	1260.17 m
TD (MD):	m	Casing:	177.8 mm	Set at:	1531 m
PBTD:	2,523.80 m	Liner:	114.3 mm	Top at:	2529 m
BOP Drill:	BOP Press Test:		Function Test:		
SITP: N/A kPa	SICP: 0 kPa	SCV: 0 kPa	H ₂ S: 0 %		

Remarks:

Time From	Time To	Hours	Code	Comments
5:45	07:00	1.25		Travelled Steen camp to location. Road deteriorating rapidly due to logging traffic.
07:00	08:00	1	SAFE	Performed daily site walk around. No new hazards, gas or H2S noted.
				Conducted daily safety and operations meeting. Discussed all hazard assessments and extended safe work permits. Serviced all equipment and tested all safety devices, OK.
08:00	08:15	0.25	SHUT	Obtained wellhead pressure above,
08:15	12:30	4.25	WLHD	Made up 177.8 mm plug and RIH on 20 jts tubing and set plug. POOH and stand 20 jts.
				Filled casing with 2.7 m3 scavenged produced water and pressure tested casing plug to 7.0 Mpa for 10 minutes, test good.
				Rigged out tubing equipment, floor tarps and workflow. Removed BOP and wellhead spool.
				Re-installed BOP and filled and pressure tested ring gasket to 1.4 and 14.0 Mpa for 10 minutes each, test good. Rigged workflow, tarps and tubing handling equipment back in.
				RIH with 20 jts tubing and captured and released plug. POOH and laid down casing plug.
12:30	17:30	5	TRPTBG	Tallied and RIH: Quinn 25-275-THOS-24-5-0 pump s/n QPRL-826, 73 mm 9.67 kg/m J-55 x 6' handling pup, 4 jts 73 mm 9.67 kg/m J-55 tubing, TrytonTC-1 177.8 mm x 73mm tubing anchor, 73 mm 9.67 kg/m J-55 x 8' handling pup, 125 jts 73 mm 9.67 kg/m J-55 tubing, 2' spacing nipple, and tubing hanger. Spaced for anchor, set anchor and confirmed landed tension. OK.
				TUBING BOTTOM 1260.04 mKB.
17:30	18:00	0.5	SDFN	Secured the well, winterized all equipment and SDFN.

Total: 12.25

Equipment on Location: **service rig, boiler, testers, Toolhand, picker.**

Reservoir Fluids Summary	Reset <input type="checkbox"/> Gas:	Daily:	10 ³ m ³ /d	Cum:	0 10 ³ m ³	Tubing volume:	m ³
	Cums <input type="checkbox"/> Oil or Condensate:	Daily:	m ³	Cum:	0 m ³	Csg. ann vol:	m ³
	<input type="checkbox"/> Water:	Daily:	m ³	Cum:	0 m ³	Open hole vol:	m ³
	Time Swabbed/Flowed:	Daily:	0.00 hrs	Cum:	hrs	Total:	0 m ³
Load Fluids	Reset <input type="checkbox"/> OIL	Used	m ³	Cum	0 m ³	Rec	m ³
	Cums <input type="checkbox"/> WATER	Used	2.7 m ³	Cum	36.2 m ³	Rec	m ³
	<input type="checkbox"/> OTHER	Used	m ³	Cum	0 m ³	Rec	m ³
Hours	Service Rig Hours	Daily	10.50 hrs	Cumulative	27.00 hrs	DownTime:	hrs
	Personnel on Location	Rig:	6	Service:	5	Company:	1
	Weather: clear	Temp	-33/-17 °C	Lease:	rough	Total Personnel:	12
Manager:	Jay Kanngiesser		Programmed By: Ken Nikiforuk				

Operator: Strategic Oil & Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Jay Kanngiesser

Tel2:

Tel1: (780) 916-1618

UWI: 302H036010117300		WELL: Strategic et al Cameron 2H-03		DATE: 06-Mar-2014	
24 Hr Summary: Nipple down BOP etc, Wellhead on. RIH rods. Start rig out.				END: 07-Mar-2014	
Formation:		Surf Loc: 60°10'N 117° 30.0' W		Licence: 2073	
Objective: Change out ESP and replace with conventional pump and rods		Serv Rig Start: 03-Mar-2014		Serv Rig End: 07-Mar-2014	
Operations at 6:00 : Complete rig out and move to K-74.		AFE #: 14RCCAM002		AFE Estimate: \$273,395.00	
Daily Cost: \$21,001		Previous Cumulative Cost: \$197,571		Cum Cost: \$218,572	
Ground:	770.20 m	KB To TH:	5.50 m	Open Hole:	mKB
KB to Grd:	7.00 m	Tubing:	73 mm	Bot at:	1260.17 m
TD (MD):	m	Casing:	177.8 mm	Set at:	1531 m
PBDT:	2,523.80 m	Liner:	114.3 mm	Top at:	2529 m
BOP Drill:		BOP Press Test:		Function Test:	
SITP:	N/A kPa	SICP:	0 kPa	SCV:	0 kPa
				H ₂ S:	0 %

Remarks:

Time From	Time To	Hours	Code	Comments
05:45	07:00	1.25		Travelled Steen camp to location. Access deteriorating due to logging traffic. Temp -31 C.
07:00	08:00	1	SAFE	Performed daily site walk around. No new hazards, gas or H2S noted. Cnducted daily safety and operations meeting, discussed all hazard assessments and extended all safe work permits
				Serviced and started all equipment and tested all safety devices and rig horn, OK.
08:00	08:15	0.25	SHUT	Obtained wellhead pressures above.
08:15	10:30	2.25	WLHD	Nipped down BOP and stowed. Hoisted tubing, removed space out nipple and re-landed tubing hanger. Installed CPT wellhead.
10:30	17:00	6.5	TRPROD	Installed re-packed stuffing box on polished rod.
				Picked up and RIH: Tubing pump pull rod and latch, 10 - 38.1 mm K36 sinker bars, 73 - 19 mm Hi strength 6 per 2.5" SVT RG1 scraped rods, 83 - 22 mm Hi strngth 6 per 2.5" SB1 scraped rods, 1 ea 22 mm x 10', 6', 4' hi strength 3 per 2.5" SB1 scraped ponys, 38.1 mm x 10.98 N50 polished rod. Spaced 0.3 m off tap with 1.5 m stick up.
17:00	17:30	0.5		Added 200L diesel, filled with 2.5 m3 scavenged produced water and pressure and stroke tested to 5.0 Mpa for 10 minutes, OK.
17:30	18:30	1	RIG	Begin rig out.
18:30	20:00	1.5		Travelled loc to Steen camp.

Total: 14.25

Equipment on Location: **service rig, boiler, testers.**

Reservoir Fluids Summary	Reset <input type="checkbox"/> Gas:	Daily:	10 ³ m ³ /d	Cum:	0 10 ³ m ³	Tubing volume:	m ³
	Cums <input type="checkbox"/> Oil or Condensate:	Daily:	m ³	Cum:	0 m ³	Csg. ann vol:	m ³
	<input type="checkbox"/> Water:	Daily:	m ³	Cum:	0 m ³	Open hole vol:	m ³
	Time Swabbed/Flowed:	Daily:	0.00 hrs	Cum:	hrs	Total:	0 m ³
Load Fluids	Reset <input type="checkbox"/> OIL	Used	m ³	Cum	0 m ³	Rec	m ³
	Cums <input type="checkbox"/> WATER	Used	2.5 m ³	Cum	38.7 m ³	Rec	m ³
	<input type="checkbox"/> OTHER	Used	m ³	Cum	0 m ³	Rec	m ³
Hours	Service Rig Hours	Daily	11.50 hrs	Cumulative	38.50 hrs	DownTime:	hrs
	Personnel on Location	Rig:	6	Service:	4	Company:	1
	Weather: clear	Temp	-31/-17 °C	Lease:	rough	Roads:	frozen
Manager: Jay Kanngiesser		Programmed By: Ken Nikiforuk					