

May 26, 2014

Strategic et al Cameron M-73 – Well ID # 1765 – Approved ACW dated February 21, 2014

Summary of Operations – February / March 2014

February 26, 2014 – move in, rig up.

February 27, 2014 – kill well. BOP up. Pull and stand 73 mm tubing.

February 28, 2014 – pull and stand 73 mm tubing. Run in hole with casing scraper and bit.

March 1, 2014 – run in hole with casing scraper and bit. Tag PBTD at 1509.9. Pull and stand 73 mm tubing. Run in hole with 73.0 mm tubing c/w anchor.

March 2, 2014 – finish running in the hole with 73 mm production string. Land tubing and set anchor. Tubing bottom at 1430.2 mKB. Remove BOP's. Run in hole with rod string and pump ( QPRL-827 ). 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



### *Pump and Rod Report*

Operator: Strategic Oil & Gas Ltd.  
Reporting To: Ken Nikiforuk

Consultant: Jay Kanngiesser

Tel1: (780) 916-1618

Tel2:

[illegible]





Operator: Strategic Oil &amp; Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Jay Kanngiesser

Tel2:

Tel1: (780) 916-1618

UWI: <b>300M736010117150</b>	WELL: <b>Strategic et al Cameron M-73.</b>	DATE: <b>27-Feb-2014</b>
24 Hr Summary: <b>Kill well. Remove w/h (seized studs). BOP on. POOH &amp; scope 70 jts.</b>	END: <b>02-Mar-2014</b>	
Formation: <b>Sulphur Point</b>	Surf Loc: <b>M-73 60-10N 117-15W</b>	Licence: <b>1765</b>
Objective: <b>Install pump and rods and bring well on production</b>	Serv Rig Start: <b>26-Feb-2014</b>	Serv Rig End:
Operations at <b>6:00 : POOH &amp; scope, scraper run, RIH prod string.</b>	AFE #: <b>14RCCAM003</b>	AFE Estimate: <b>\$249,530.00</b>
Daily Cost: <b>\$26,317</b>	Previous Cumulative Cost: <b>\$10,450</b>	Cum Cost: <b>\$36,766</b>
Ground: <b>771.50</b> m	KB To TH: <b>2.98</b> m	Open Hole: mKB
KB to Grd: <b>3.70</b> m	Tubing: <b>73</b> mm	Bot at: <b>1413</b> m
TD (MD): <b>1,657.00</b> m	Casing: <b>139.7</b> mm	Set at: <b>1657</b> m
PBTD: <b>1,505.00</b> m	Liner: mm	Top at: m
BOP Drill: <b>No</b>	BOP Press Test: <b>26-2-14</b>	Function Test: <b>26-2-14</b>
SITP: <b>4000</b> kPa	SICP: <b>4000</b> kPa	SCV: <b>0</b> kPa
	H <sub>2</sub> S: <b>1.3</b> %	

Remarks:

Time From	Time To	Hours	Code	Comments
05:45	07:00	1.25		Travelled camp to location
07:00	08:00	1	SAFE	Performed daily site walk around. No new hazards, gas or H2S noted. Windchill -38C.
				Conducted daily safety and operations meeting, discussed all hazard assessments and extended safe work permits.
08:00	08:15	0.25	SHUT	Obtained wellhead pressure above.
08:15	11:30	3.25	KILL	Removed wellhead piping to allow tapped flange installation to tie into casing. No off-side casing valve. Rigged in steam to testers.
				Rigged testers into tubing and bled off gas head.
				Pumped 6.0 m3 down tubing and flowed casing to kill. Tubing and casing both dead.
11:30	12:00	0.5	PTST	Stump tested BOP blind rams to 1.4 and 14.00 mPa for 10 minutes each, OK.
12:00	15:30	3.5	BOPS	Removed wellhead and installed BOP. Wellhead studs seized solidly, much difficulty unbolting wellhead. Tubing began to vent a bit. Pumped another 6.0 m3 to kill.
15:30	16:00	0.5	PTST	Pressure tested pipe rams and ring gasket to 1.4 and 14.0 Mpa for 10 minutes each, OK.
				Pressure tested annular to 1.4 and 10.0 mPa for 10 minutes each, OK.
16:00	16:15	0.25	KILL	Pumped 11.0 m3 to kill casing.
16:15	17:00	0.75		Conducted tailgate meeting. Unset lag screws, unset packer and hoisted and removed tbg hanger.
17:00	18:15	1.25	TRPTBG	Rigged in CJ-CSM tubing inspection and POOH and stood 70 jts tbg. All yellow.
18:15	19:00	0.75	SDFN	Secured the well, winterized all equipment and SDFN
19:00	20:30	1.5		Travelled back to Steen Camp.

Total: 14.75

Equipment on Location: Service rig, boiler, testers, safety/air, medic, tubing inspection, tank truck.

Reservoir Fluids Summary	Reset	<input type="checkbox"/> Gas:	Daily:	10 <sup>3</sup> m <sup>3</sup> /d	Cum:	0 10 <sup>3</sup> m <sup>3</sup>	Tubing volume:	4.26 m <sup>3</sup>				
	Cums	<input type="checkbox"/> Oil or Condensate:	Daily:	m <sup>3</sup>	Cum:	0 m <sup>3</sup>	Csg. ann vol:	11.6 m <sup>3</sup>				
		<input type="checkbox"/> Water:	Daily:	m <sup>3</sup>	Cum:	0 m <sup>3</sup>	Open hole vol:	m <sup>3</sup>				
	Time Swabbed/Flowed:		Daily:	hrs	Cum:	hrs	Total:	15.86 m <sup>3</sup>				
Load Fluids	Reset	<input type="checkbox"/> OIL	Used	m <sup>3</sup>	Cum	0 m <sup>3</sup>	Rec	m <sup>3</sup>	Cum	0 m <sup>3</sup>	To Rec	0 m <sup>3</sup>
	Cums	<input type="checkbox"/> WATER	Used	23 m <sup>3</sup>	Cum	23 m <sup>3</sup>	Rec	m <sup>3</sup>	Cum	0 m <sup>3</sup>	To Rec	23 m <sup>3</sup>
		<input type="checkbox"/> OTHER	Used	m <sup>3</sup>	Cum	0 m <sup>3</sup>	Rec	m <sup>3</sup>	Cum	0 m <sup>3</sup>	To Rec	0 m <sup>3</sup>
Hours	Service Rig Hours		Daily	hrs	Cumulative	6.50 hrs	DownTime:	hrs	Cumulative DownTime:	hrs		
	Personnel on Location		Rig:	6	Service:	5	Company:	1	Total Personnel:	12		
	Weather: clear, windy		Temp	-38 W.C. °C	Lease: rough					Roads: frozen		
Manager:	Matt Cubitt				Programmed By: Ken Nikoforuk							



Operator: Strategic Oil &amp; Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Jay Kanngiesser

Tel2:

Tel1: (780) 916-1618

UWI: <b>300M736010117150</b>	WELL: <b>Strategic et al Cameron M-73.</b>	DATE: <b>28-Feb-2014</b>
24 Hr Summary: <b>POOH/scope tbg. Partial RIH scraper. Switched out junk tbg with good.</b>	END: <b>02-Mar-2014</b>	
Formation: <b>Sulphur Point</b>	Surf Loc: <b>M-73 60-10N 117-15W</b>	Licence: <b>1765</b>
Objective: <b>Install pump and rods and bring well on production</b>	Serv Rig Start: <b>26-Feb-2014</b>	Serv Rig End:
Operations at <b>6:00</b> : <b>RIH/tag fill with scraper. POOH. RIH final prod string.</b>	AFE #: <b>14RCCAM003</b>	AFE Estimate: <b>\$249,530.00</b>
Daily Cost: <b>\$33,575</b>	Previous Cumulative Cost: <b>\$36,766</b>	Cum Cost: <b>\$70,341</b>
Ground: <b>771.50</b> m	KB To TH: <b>2.98</b> m	Open Hole: mKB
KB to Grd: <b>3.70</b> m	Tubing: <b>73</b> mm	Bot at: <b>1413</b> m
TD (MD): <b>1,657.00</b> m	Casing: <b>139.7</b> mm	Set at: <b>1657</b> m
PBTD: <b>1,505.00</b> m	Liner: mm	Top at: m
BOP Drill: <b>No</b>	BOP Press Test: <b>26-2-14</b>	Function Test: <b>26-2-14</b>
SITP: <b>0</b> kPa	SICP: <b>0</b> kPa	SCV: <b>0</b> kPa
	H <sub>2</sub> S: <b>1.3</b> %	

Remarks:

Time From	Time To	Hours	Code	Comments
05:30	07:00	1.5		Travelled Steen camp to site
07:00	08:00	1	SAFE	Conducted daily site walk around. No new hazards, gas or H <sub>2</sub> S noted. Temp -43C.
				Conducted daily safety and operations meeting, discussed all hazard assessments and renewed all safe work permits.
				Serviced all equipment and tested safety shutdowns, OK.
08:00	08:15	0.25	SHUT	Obtained wellhead pressures above.
08:15	09:00	0.75	RIG	While warming rig pump transmissin, filter blew off spilling apprx 15 L transmission fluid into drip pan with apporoximately 5 L on the ground. All oil cleaned up immediately and placed into contaminated soil bin at H O3 battery.
09:00	12:00	3	TRPTBG	POOH and scoped remaining 79 jts tubing. Total: 119 jts yellow (0-15%), 21 jt blue (16-30%), 7 jts green (31-49%), 1 jts red (50%+), with 1 jt mechanical hole.
12:00	13:00	1	SAFE	Gave crew an hour to eat and warm up due to extreme cold, wind increasing.
13:00	18:00	5	TRPTBG	Tallied and RIH 4-3/4" bit, 4-4/3" casing scraper, 8' pup, "F" nipple, 74 jts tbg.
				Broke down steam lines for picker access.
				Laid down 29 jts junk tubing and received 44 jts replacement tubing.
				Hauled junk tubing to Steen River junk rack.
18:00	18:30	0.5	RIG	Rigged steam lines back in and got running again.
18:30	19:00	0.5	SDFN	Secured the well, winterized all equipment and SDFN
19:00	20:30	1.5		Travelled to Steen camp.

Total: 15

Equipment on Location: **Service rig, boiler, testers, safety/air, medic, tubing inspection, tank truck.**

Reservoir Fluids Summary	Reset <input type="checkbox"/> Gas:	Daily: 10 <sup>3</sup> m <sup>3</sup> /d	Cum: 0 10 <sup>3</sup> m <sup>3</sup>	Tubing volume: 4.26 m <sup>3</sup>
	Cums <input type="checkbox"/> Oil or Condensate:	Daily: m <sup>3</sup>	Cum: 0 m <sup>3</sup>	Csg. ann vol: 11.6 m <sup>3</sup>
	<input type="checkbox"/> Water:	Daily: m <sup>3</sup>	Cum: 0 m <sup>3</sup>	Open hole vol: m <sup>3</sup>
	Time Swabbed/Flowed:	Daily: 0.00 hrs	Cum: hrs	Total: 15.86 m <sup>3</sup>
Load Fluids	Reset <input type="checkbox"/> OIL	Used m <sup>3</sup>	Cum 0 m <sup>3</sup>	Rec m <sup>3</sup>
	Cums <input type="checkbox"/> WATER	Used 0 m <sup>3</sup>	Cum 23 m <sup>3</sup>	Rec m <sup>3</sup>
	<input type="checkbox"/> OTHER	Used m <sup>3</sup>	Cum 0 m <sup>3</sup>	Rec m <sup>3</sup>
Hours	Service Rig Hours	Daily 11.00 hrs	Cumulative 17.50 hrs	DownTime: hrs
	Personnel on Location	Rig: 6	Service: 6	Company: 1
	Weather: clear, windy	Temp -42 °C	Lease: rough	Roads: frozen
Manager: <b>Matt Cubitt</b>	Programmed By: <b>Ken Nikoforuk</b>			



Tel1: (780) 916-1618

Remarks:

Total: 14.5



Operator: Strategic Oil &amp; Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Jay Kanngiesser

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UWI: <b>300M736010117150</b>		WELL: <b>Strategic et al Cameron M-73.</b>		DATE: <b>02-Mar-2014</b>	
24 Hr Summary: <b>RIH final prod, set anchor. BOP off. W/H on. RIH/space/test pump. Rig out.</b>				END: <b>02-Mar-2014</b>	
Formation: <b>Sulphur Point</b>		Surf Loc: <b>M-73 60-10N 117-15W</b>		Licence: <b>1765</b> Day #: <b>5</b>	
Objective: <b>Install pump and rods and bring well on production</b>			Serv Rig Start: <b>26-Feb-2014</b>		Serv Rig End
Operations at <b>6:00: Finalk rig out and move.</b>			AFE #: <b>14RCCAM003</b>		AFE Estimate: <b>\$249,530.00</b>
Daily Cost: <b>\$43,292</b>		Previous Cumulative Cost: <b>\$134,145</b>		Cum Cost: <b>\$177,437</b>	
Ground:	<b>771.50</b> m	KB To TH	<b>2.98</b> m	Open Hole:	mKB
KB to Grd:	<b>3.70</b> m	Tubing:	<b>73</b> mm	Bot at:	<b>1413</b> m
TD (MD):	<b>1,657.00</b> m	Casing:	<b>139.7</b> mm	Set at:	<b>1657</b> m
PBTD:	<b>1,505.00</b> m	Liner:	mm	Top at:	m
BOP Drill: <b>No</b>		BOP Press Test: <b>26-2-14</b>		Function Test: <b>1-3-14</b>	
SITP:	<b>vac</b> kPa	SICP:	<b>TSTM</b> kPa	SCV:	<b>0</b> kPa
				H <sub>2</sub> S:	<b>1.3</b> %

Remarks:

Time From	Time To	Hours	Code	Comments
05:30	07:00	1.5		Travelled Steen camp to site. Cameron road becoming rough due to logging.
07:00	08:00	1	SAFE	Performed daily site walk around. No new hazards, gas or H2S. Temp -40C. Conducted daily safety and operations meeting. Discussed all hazard assessments and extended safe work permits.
				Serviced all equipment and functioned all safety shutdowns, OK.
08:00	08:15	0.25	SHUT	Obtained wellhead pressures above.
08:15	10:30	2.25	TRPTBG	RIH 59 jts 73 mm 9.67 kg/m J-55 tbg, 1 - 73 mm 9.67 kg/m J-55 x 3.12 m pup joint, 1 jt 73 mm 9.67 kg/m J-55 tbg, 1 - 73 mm x 0.6 m spacer pupo and 179.37 mm x 73 mm tubing hanger.
				Spaced and set tubing anchor. Landed tubing hanger;
10:30	12:30	2	BOPS	Rigged out tubing handling equipment, floor tarps, workflow. Nippled down BOP and stored in junk truck. Hoisted tubing, removed space out nipple and relanded tubing hanger with 5000 dsaN tension. Installed integral pumping style wellhead.
12:30	16:30	4	TRPROD	Picked up BHP and surface tested, OK.
				RIH: Quinn 25175-RHAC-24-5-0-0 s/n QPRL-827, 10 - 38.1 mm K-36 sinker bars, 116 - 19 mm H.S. plain rods, 58 - 22 mm H.S 6 per 2.5" STVT RG-1 rods, 1 ea 10', 8', 2' H.S. 3 per 2.5" SB-1 scraped ponys, 1 - 38.1 mm x 9.14 m N-50 polished rod and Huber 2-7/8 x 1-1/2" pollution control stuffing box.
16:30	17:30	1	PTST	Filled tubing with 200 L diesel and 2.7 m3 1% produced water and pressure tested, then stroke tested to 5.0 Mpa for 15 minutes, test good. Secured well.
17:30	18:30	1	RIG	Broke down lines, cleaned up, laid over rig, prepped to move. Heat still on W/H.
18:30	20:00	1.5		Travelled loc to Steen camp.

Total: 14.5

Equipment on Location: Service rig, boiler, testers, safety/air, medic, toolhand, picker truck.

Reservoir Fluids Summary	Reset <input type="checkbox"/> Gas:	Daily:	10 <sup>3</sup> m <sup>3</sup> /d	Cum:	0 10 <sup>3</sup> m <sup>3</sup>	Tubing volume:	4.26 m <sup>3</sup>
	Cums <input type="checkbox"/> Oil or Condensate:	Daily:	m <sup>3</sup>	Cum:	0 m <sup>3</sup>	Csg. ann vol:	11.6 m <sup>3</sup>
	<input type="checkbox"/> Water:	Daily:	m <sup>3</sup>	Cum:	0 m <sup>3</sup>	Open hole vol:	m <sup>3</sup>
	Time Swabbed/Flowed:	Daily:	0.00 hrs	Cum:	hrs	Total:	15.86 m <sup>3</sup>
Load Fluids	Reset <input type="checkbox"/> OIL	Used	m <sup>3</sup>	Cum	0 m <sup>3</sup>	Rec	m <sup>3</sup>
	Cums <input type="checkbox"/> WATER	Used	2.7 m <sup>3</sup>	Cum	25.7 m <sup>3</sup>	Rec	m <sup>3</sup>
	<input type="checkbox"/> OTHER	Used	m <sup>3</sup>	Cum	0 m <sup>3</sup>	Rec	m <sup>3</sup>
Hours	Service Rig Hours	Daily	11.50 hrs	Cumulative	39.50 hrs	DownTime:	hrs
	Personnel on Location	Rig:	6	Service:	5	Company:	1
	Weather: clear, windy	Temp	-40/-30 °C	Lease:	rough	Roads:	frozen
Manager: <b>Matt Cubitt</b>		Programmed By: <b>Ken Nikofoforuk</b>					