



June 5, 2014

Strategic et al Cameron 2M-73 – Well ID # 2026 – Approved ACW dated February 19, 2014

Summary of Operations – February 2014

February 23, 2014 – move in, rig up.

February 24, 2014 – SCVF test ( negative ). Pressure test tubing ( successful ).

February 25, 2014 – pull and stand rods. Run back in hole with new pump ( QPRL-824 )

February 26, 2014 – Rig out.

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

A handwritten signature in black ink, appearing to read "Ken Nikiforuk".

Ken Nikiforuk, Completions Manager  
Strategic Oil & Gas Ltd.

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





Tel1: (780) 916-1618

PUMPING WELLHEAD EQUIPMENT			
	FLOW TEE	ROD BOP	STUFFING BOX
MAKE:			
SIZE:			
Remarks: <b>MAX STROKE 192"</b>			

Operator: Strategic Oil &amp; Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Jay Kanngiesser

Tel2:

Tel1: 780-916-1618

UWI: <b>302M736010117152</b>		WELL: <b>Strategic et al Cameron 2M-73</b>		DATE: <b>23-Feb-2014</b>	
24 Hr Summary: <b>MIRU Hurley 10, Testers and safety crews.</b>				END: <b>26-Feb-2014</b>	
Formation: <b>Sulphur Point</b>		Surf Loc: <b>M73 60-10N 117-15W</b>		Licence: <b>2026</b>	
Objective: <b>Pump change</b>		Serv Rig Start: <b>23-Feb-2014</b>		Serv Rig End: <b>26-Feb-2014</b>	
Operations at <b>6:00 : Receive kill fluid,</b>		AFE #: <b>14WRCAM004</b>		AFE Estimate: <b>\$144,830.00</b>	
Daily Cost: <b>\$62,578</b>		Previous Cumulative Cost: <b>\$0</b>		Cum Cost: <b>\$62,578</b>	
Ground:	<b>776.10</b> m	KB To TH:	<b>0.00</b> m	Open Hole:	mKB
KB to Grd:	<b>5.10</b> m	Tubing:	mm	Bot at:	m
TD (MD):	m	Casing:	mm	Set at:	m
PBTD:	<b>1,507.00</b> m	Liner:	mm	Top at:	m
BOP Drill:		BOP Press Test:		Function Test:	
SITP:	kPa	SICP:	kPa	SCV:	kPa
				H <sub>2</sub> S	%

Remarks:

STARS SITE 659

Time From	Time To	Hours	Code	Comments
				All crews mobbed to Steen River 22-Feb-14
06:30	06:45	0.25	SAFE	Pre trip safety.
06:45	10:30	3.75	MOVE	Moved Hurley rig # 10, Dragons Breath Production Testing and HSE safety crew from Steen River camp 7.5 to Cameron Hills. Stopped to chain up all equipment at Indian Cabins. Hauled combo unit and command centre to location.
				Graded lease for access.
				Hauled boiler from Grande Prairie to location.
				Removed pump unit head with picker.
10:30	11:00	0.5	SAFE	Conducted orientations, issued safe work permits and discussed all hazard assessments.
11:00	18:30	7.5	RIG	Spotted Hurley rig 10 and stood to NEB, Strategic and Hurley specifications. Spotted rig pump and tank. Ran kill line to wellhead.
				Spotted Dragons Breath P-tank, flare and related equipment to NEB, Strategic and Dragons Breath specifications.
				Spotted boiler and ran steam and condensate lines as required.
				Received boiler and light plant fuel.
				Had great difficulty with light plants fuel gelling off. Added 1 L Polar gel breaker to rig light plant. Helped for a short time.. None available for other equipment.
				Delayed all fluid receipts until light plant situation resolved.
18:30	20:00	1.5		Travelled to base

Total: 13.5

Equipment on Location: **Service rig, boiler, testers, safety, air.**

Reservoir Fluids Summary	Reset	<input type="checkbox"/> Gas:	Daily:	10 <sup>3</sup> m <sup>3</sup> /d	Cum:	10 <sup>3</sup> m <sup>3</sup>	Tubing volume:	m <sup>3</sup>
	Cums	<input type="checkbox"/> Oil or Condensate:	Daily:	m <sup>3</sup>	Cum:	m <sup>3</sup>	Csg. ann vol:	m <sup>3</sup>
		<input type="checkbox"/> Water:	Daily:	m <sup>3</sup>	Cum:	m <sup>3</sup>	Open hole vol:	m <sup>3</sup>
		Time Swabbed/Flowed:	Daily:	0.00 hrs	Cum:	hrs	Total:	0 m <sup>3</sup>
Load Fluids	Reset	<input type="checkbox"/> OIL	Used	m <sup>3</sup>	Cum	m <sup>3</sup>	Rec	m <sup>3</sup>
	Cums	<input type="checkbox"/> WATER	Used	m <sup>3</sup>	Cum	0 m <sup>3</sup>	Rec	m <sup>3</sup>
		<input type="checkbox"/> OTHER	Used	m <sup>3</sup>	Cum	m <sup>3</sup>	Rec	m <sup>3</sup>
Hours	Service Rig Hours		Daily	25.00 hrs	Cumulative	25.00 hrs	DownTime:	hrs
	Personnel on Location		Rig:	6	Service:	6	Company:	1
	Weather: <b>clear</b>		Temp	-39/-28 °C	Lease:	frozen	Roads:	frozen
Manager: <b>Matt Cubitt</b>			Programmed By:					



Operator: Strategic Oil &amp; Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Jay Kanngiesser

Tel2:

Tel1: (780) 916-1618

UWI: <b>302M736010117152</b>		WELL: <b>Strategic et al Cameron 2M-73</b>		DATE: <b>24-Feb-2014</b>	
24 Hr Summary: <b>Start light plants, boiler. P-test tbg. Unseat pump. Pump 200L wax solvent</b>					END: <b>26-Feb-2014</b>
Formation: <b>Sulphur Point</b>		Surf Loc: <b>M73 60-10N 117-15W</b>		Licence: <b>2026</b>	Day #: <b>2</b>
Objective: <b>Pump change</b>		Serv Rig Start: <b>23-Feb-2014</b>		Serv Rig End: <b>26-Feb-2014</b>	
Operations at <b>6:00 : Flush tbg. Round trip pump.</b>		AFE #: <b>14WRCAM004</b>		AFE Estimate: <b>\$144,830.00</b>	
Daily Cost: <b>\$26,797</b>		Previous Cumulative Cost: <b>\$62,578</b>		Cum Cost: <b>\$89,375</b>	
Ground:	<b>776.10</b> m	KB To TH:	<b>0.00</b> m	Open Hole:	mKB
KB to Grd:	<b>5.10</b> m	Tubing:	<b>73</b> mm	Bot at:	<b>1501.55</b> m
TD (MD):	m	Casing:	<b>139.7</b> mm	Set at:	<b>1522</b> m
PBTD:	<b>1,507.00</b> m	Liner:	mm	Top at:	m
BOP Drill: <b>N/A</b>		BOP Press Test: <b>N/A</b>		Function Test: <b>N/A</b>	
SITP:	<b>840</b> kPa	SICP:	<b>1582</b> kPa	SCV:	<b>0</b> kPa
				H <sub>2</sub> S:	<b>0.1</b> %

## Remarks:

STARS SITE 659

Significant trouble with gelled fuel. Crew very aware of spill mitigation, and doing a good job! Drip pads etc being used when re-fuelling equipment.

Time From	Time To	Hours	Code	Comments
06:00	08:00	2	SAFE	Travelled to location, conducted daily site walk around. All light plants down due to gelled fuel. Conducted daily safety and operations meeting, discussed all hazard assessments.
08:00	10:00	2	INACTIVE	Worked to get light plants running. Rig light plant had failed lift pump possibly due to gelled fuel. Heated fuel system, added fuel meltdown and got light plant running. Combo light plant also had gelled fuel. Heated fuel and unit with Herman Nelson and got running. Added fuel meltdown. Unit running. Obtained wellhead pressures above. Bled off tubing and casing through tester. No measureable flow.
10:00	10:15	0.25	SCVF	Performed 10 minute bubble test on surface casing. No bubbles detected.
10:15	15:00	4.75	RIG	Ordered 1% Kcl kill fluid and hot boiler water to start boiler. Rigged in remaining steam system lines.
15:00	16:00	1		Received 12.0 m3 warm boiler water. Filled and fired boiler.
16:00	18:00	2	PTST	Tested pump lines to 2 Mpa, OK. Pumped 0.2 m3 1& Kcl. Tubing pressured up immediately. Possible ice plug. Bled off. Hoisted rods. Took 5000 daN to unseat pump. Well on vac. Reseated pump. Filled tubing with 0.60 m3 1% Kcl and pressure test tubing to 7.0 Mpa. Test good. Unseated pump and allowed tubing to go n vac and drain. Pumped 200L wax solvent to resolve wax. Reseated pump.
18:00	18:30	0.5	SDFN	Secured the well and SDFN
Total:		12.5		

Equipment on Location: **Service rig, boiler, testers, safety, air.**

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:	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:	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:	0 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	0.8 m <sup>3</sup>	Cum	0.8 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	12.50 hrs	Cumulative	37.50 hrs	DownTime:	hrs
	Personnel on Location	Rig:	6	Service:	4	Company:	1
	Weather: <b>clear</b>	Temp	-35/-26 °C	Lease:	frozen	Total Personnel:	11
Manager: <b>Matt Cubitt</b>		Programmed By: <b>Ken Nikiforuk</b>					



Operator: Strategic Oil &amp; Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Jay Kanngiesser

Tel2:

Tel1: (780) 916-1618

UWI: <b>302M736010117152</b>		WELL: <b>Strategic et al Cameron 2M-73</b>		DATE: <b>25-Feb-2014</b>	
24 Hr Summary: <b>Rig repair, Flush tbg, round trip pump and rods. P-tested pump.</b>					END: <b>26-Feb-2014</b>
Formation: <b>Sulphur Point</b>		Surf Loc: <b>M73 60-10N 117-15W</b>		Licence: <b>2026</b>	Day #: <b>3</b>
Objective: <b>Pump change</b>		Serv Rig Start: <b>23-Feb-2014</b>		Serv Rig End: <b>26-Feb-2014</b>	
Operations at <b>6:00 : Rig out and move to M-73</b>		AFE #: <b>14WRCAM004</b>		AFE Estimate: <b>\$144,830.00</b>	
Daily Cost: <b>\$31,677</b>		Previous Cumulative Cost: <b>\$89,375</b>		Cum Cost: <b>\$121,052</b>	
Ground:	<b>776.10</b> m	KB To TH:	<b>0.00</b> m	Open Hole:	mKB
KB to Grd:	<b>5.10</b> m	Tubing:	<b>73</b> mm	Bot at:	<b>1501.55</b> m
TD (MD):	m	Casing:	<b>139.7</b> mm	Set at:	<b>1522</b> m
PBTD:	<b>1,507.00</b> m	Liner:	mm	Top at:	m
BOP Drill: <b>N/A</b>		BOP Press Test: <b>N/A</b>		Function Test: <b>N/A</b>	
SITP:	<b>80</b> kPa	SICP:	<b>160</b> kPa	SCV:	<b>0</b> kPa
				H <sub>2</sub> S:	<b>0.1</b> %

Remarks:

STARS SITE 659

Toolpush sustained minor cut tp left hand while changing stuffing box packing.

Time From	Time To	Hours	Code	Comments
06:00	08:00	2	SAFE	Travelled to location, conducted daily site walk around. Lease rough and uneve. No gas or H2S. noted. Conducted daily safety and operations meeting. Discussed all hazard assessments and confirmed all safe work permits. Serviced and started all equipment and tested all safety shutdowns, OK.
08:00	08:15	0.25		Obtained wellhead peressures as above.
08:15	10:00	1.75	RIG	Alternator failed on rig motor overnight. Mechanic removed alternator from junk truck and installed on rig. Boosted rig to start. Mechanics truck blew alternator belt enroute to lease. His truck would not run either. Towed truck off lease.
				Used combo unit borrowed from plant to drain 2M-73 piping. Removed hi line guides, disconnected flowline and moved away from M-73 wellhead. NOTE: SURFACE PIPING HAD HEAVY WA
10:00	10:30	0.5	KILL	Unseated pump. Pyumped 4.5 m3 1% Kcl down tubing to kill and flush. Well on vac.
10:30	16:45	6.25	TRPROD	Removed stuffing box and polished rod and laid down. Removed and laid down 2.44 m pony. Hoisted and hung 51 - 22.2 mm Hi Strength 6 per SB-1 twisted scraped rods, 5 - 22.2 mm Hi Strength 6 per NEXXTB scraped rods, 36 - 19.1 mm Hi Strength 6 per NEXXTB Tornado scraped rods, 92 - 19.1 mm Hi Strength 6 per SB-1 scraped rods, 10 - 38.1 mm K-36 sinker bars, 1 - Quinn 25-150-RHAC-20-3-0 insert pump. All rods visually inspected. Rods were clean with no discernable wear. Picked up Quinn 25-150-RHAC-20-3-0 s/n QPRL-824 and surface tersted with clean diesel. Test good. RIH: BHP, 10 - 38.1 k-36 sinker bars, 92 - 19.1 mm H.S. 6 per SB-1 scraped rods, 36 - 19.1 mm H.S. 6 per NEXXTB Tornado rods,
				SEE PAGE 2

Total: 11.25

Equipment on Location: **Service rig, boiler, safety, air.**

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:	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:	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:	0 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	6.4 m <sup>3</sup>	Cum	7.2 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	10.50 hrs	Cumulative	48.00 hrs	DownTime:	2.00 hrs
	Personnel on Location	Rig:	6	Service:	4	Company:	1
	Weather: <b>clear</b>	Temp	-33/-16 °C	Lease:	frozen	Roads:	frozen
Manager: <b>Matt Cubitt</b>		Programmed By: <b>Ken Nikiforuk</b>					



Tel2:  
Tel1: (780) 916-1618

Day #: 3 DATE: 25-Feb-2014

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Tel: (780) 916-1618

Remarks:

Total:	6.25
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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:	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:	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:	0 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	m <sup>3</sup>	Cum	7.2 m <sup>3</sup>	Rec	m <sup>3</sup>	Cum	0 m <sup>3</sup>	To Rec	7.2 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	48.00 hrs	DownTime:	hrs	Cumulative DownTime:	2.00 hrs		
	Personnel on Location	Rig:	6	Service:	4	Company:	1	Total Personnel:	11		
	Weather: clear	Temp	-33/-22 °C	Lease:	frozen	Roads: frozen					
Manager:	Matt Cubitt			Programmed By: Ken Nikiforuk							