



Alvarez & Marsal Canada ULC
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May 19, 2020

Government of the Northwest Territories
Office of the Regulator of Oil and Gas Operations (OROGO)
P.O. Box 1320, Yellowknife, NT X1A 2L9

Attention: Pauline de Jong, Chief Conservation Officer

Via Email: orogo@gov.nt.ca

Well Operations Report – Cameron Hills A-03 Well (ACW-2019-005-SOG-A-03-WID2047)

In response to OROGO's Letter dated May 19, 2020. Alvarez & Marsal Canada ULC response dated May 19, 2020 hereby provides OROGO with the following requested information:

This cover letter and the affiliated well operations reporting for operations conducted to suspend the subject well, including; A summary of well operations, daily operation reports and a current well diagram. In separate attachments are the Cement Bond Log and interpretation documents.

We trust the foregoing to be in order however, should you require additional information, please contact the undersigned at mbujold@energyworks.management or 403.606.4220.

Sincerely, on behalf of Alvarez & Marsal Canada ULC

A handwritten signature in blue ink, appearing to read 'Maurice Bujold', written over a horizontal line.

Maurice Bujold

VP, Completions, Energy Works Management

cc. Orest Knonwalchuk, Managing Director, A&M
Viki Chan, Vice President, Alvarez & Marsal Canada ULC
Sean David, Sr. Completions Engineer, Energy Works Management

Encl.



Well Suspension Summary
STRATEGIC ET AL CAMERON A-03 60 10N, 117 30W • #2047

WELL DATA				
NAME	LICENSE #	COST CENTRE	UWI	LOCATION
STRATEGIC ET AL CAMERON A-03 60 10N, 117 30W	2047			Cameron Hills NT, Canada
COMPLETIONS DETAIL				
COMPLETIONS TYPE	START DATE	FINISH DATE	OBJECTIVE	
Standing Cased	2020-03-03	2020-03-15	Well Suspension	
JOB SUMMARY				
Injection well - suspend Well, inhibit fluid in well bore with freeze protection at top of well				

DRILLING DATA						
DRILLING GENERAL						
EVENT Drilling	DRILLING START	SPUD DATE	RELEASE DATE			
SURFACE HOLE						
LATITUDE 0.00000000	LONGITUDE 0.00000000					
WELLBORES						
Original Hole						
START -	END -					
LATITUDE 0.00000000	LONGITUDE 0.00000000					
UWI						
KICKOFF -	HEEL -	PROJECTED -	MEASURED -	TVD -	LOGGER	
DRILLING ELEVATIONS						
SURVEYED 767.40 m	CUT / FILL 0.00 m	GROUND 767.40 m	KB > GROUND 5.40 m	KB 772.80 m	CF > GROUND 0.00 m	CF 767.40 m
BRIDGE PLUG						
MANUFACTURER	MODEL		SET DEPTH -	BACK DEPTH -		
CASING BOWL						
TYPE	MAKE		SERIAL #	CASING SIZE		
WORK PRESSURE	WEIGHT LANDED		NOMINAL SIZE -	SLIP & SEAL ASSM		

WELL SUSPENSION DETAILS						
ELEVATIONS					BOTTOM HOLE	
GROUND	KB > GROUND	KB	CF > GROUND	CF	ESTIMATED TEMP	ESTIMATED PRESS
767.40 m	5.40 m	772.80 m	0.00 m	767.40 m	-	-
TH > GROUND	KB > TH	DH > GROUND	KB > DH		ESTIMATED H2S	ESTIMATED CO2
-	5.40 m	-	5.40 m		-	-
COMPLETIONS RIGS					DAILY STATISTICS	
CONTRACTOR	#	START	RELEASE		TOTAL RENTALS	RIG TIME
No rig records defined					-	5.00 hr
FLUIDS					MAN HOURS	% COMPLETE
FLUID	TANK	TO WELL	FROM WELL	IN WELL	0.00 hr	0.00%
LOAD FLUID		0.00 m³		0.00 m³		
Fresh water	35.00 m³	-	-	0.00 m³		
TOTAL		0.00 m³	0.00 m³			
RECENT DAILY OPERATIONS - 2020-03-15						
DAILY STATUS						
Decommission A 03 pipe line						
24 HOUR SUMMARY						
Attempt to suspend flowline, pipeline froze below ground.						
NEXT 24 HOURS						



STRATEGIC ET AL CAMERON A-03 60 10N, 117 30W - Well Suspension Daily Reports
STRATEGIC ET AL CAMERON A-03 60 10N, 117 30W • #2047

WELL DATA				
NAME	LICENSE #	LOCATION	EVENT	AFE NUMBER
STRATEGIC ET AL CAMERON A-03 60 10N, 117 30W	2047	Cameron Hills NT, Canada	Well Suspension	20EWM-AB-003
COMPLETION TYPE	START DATE	END DATE	OBJECTIVE	
Standing Cased	2020-03-03	2020-03-15	Well Suspension	
COMPLETIONS DAILY REPORTS				
DATE	SUMMARY			
2020-03-03	Lift shack off of well head and spot on corner of lease			
2020-03-05	haul in sand around well head			
2020-03-06	Mob in.			
2020-03-07	Strip on BOPs, pressure test. SCVF check, no flow. Unseat seal assembly, POOH tubing. RIH, set BP.			
2020-03-08	Complete rig out and release services			
2020-03-09	De mobilize equipment back to High Level			
2020-03-10	OROGO Inspection			
2020-03-11	Wait on Decision to abandon			
2020-03-12	Conduct Radial Cement bond log			
2020-03-13	Inhibit and winterize casing			
2020-03-15	Attempt to suspend flowline, pipeline froze below ground.			



Daily Well Suspension Report - 2020-03-15 - Day #11
STRATEGIC ET AL CAMERON A-03 60 10N, 117 30W • #2047

WELL DATA								
LICENSE #	UWI		EVENT		AFE NUMBER		AFE \$	
2047			Well Suspension		20EWM-AB-003			
GROUND ELE	KB > GROUND	KB ELE	CF > GROUND	TH > GROUND	KB > TH	DH > GROUND	KB > DH	
767.40 m	5.40 m	772.80 m	0.00 m	-	5.40 m	-	5.40 m	
REPORT DETAILS								
REPORT DATE	PERCENT COMPLETE	RIG TIME	TOTAL RIG TIME		MAN HOURS	TOTAL MAN HOURS		
2020-03-15	-	-	5.00 hr		-	0.00 hr		
TOTAL TIME	NON-PRODUCTIVE	FLARE VOLUME	TOTAL DAILY FLARE		CASING PRESSURE	TUBING PRESSURE		
3.00 hr	0.00 hr	-	0.00 e³m³		-	-		
DAILY OPERATIONS					WEATHER			
DAILY STATUS Decommission A 03 pipe line 24 HOUR SUMMARY Attempt to suspend flowline, pipeline froze below ground. NEXT 24 HOURS Final					GENERAL			
					Clear skys strong north wind winds			
					ROAD CONDITION			
					Winter roads good shape			
					TIME	TEMP		
08:00	14°C							
TIME LOG								
FROM	TO	DUR	NPT CODE	DETAILS				
08:00	11:00	3.0 h		Held Pre-job safety meeting with all personal issued work permit, Conducted an LEL sweep at tie in points H2s 0 ppm discussed hazards of the operation spotted Tank truck and tied in to the flow line and hooked up compressor air line to push pressured up opened flow line to tanker. No communication bled off pressure. Heated up risers both end and still could not push the line. Frozen under ground rigged out equipment installed blind flanges securing the flow line Released services				
DAILY FLUIDS								
COMPANY	TICKET	SOURCE/DESTINATION	LEASE		WELL		REMAINING	
			TO	FROM	TO	FROM	TANK	WELL
"Fresh water"								
			TODAY	0.00 m³	0.00 m³	0.00 m³	0.00 m³	0.00 m³
			RUNNING	35.00 m³	0.00 m³	0.00 m³	0.00 m³	35.00 m³



Daily Well Suspension Report - 2020-03-13 - Day #10
STRATEGIC ET AL CAMERON A-03 60 10N, 117 30W • #2047

WELL DATA								
LICENSE #	UWI		EVENT		AFE NUMBER		AFE \$	
2047			Well Suspension		20EWM-AB-003			
GROUND ELE	KB > GROUND	KB ELE	CF > GROUND	TH > GROUND	KB > TH	DH > GROUND	KB > DH	
767.40 m	5.40 m	772.80 m	0.00 m	-	5.40 m	-	5.40 m	
REPORT DETAILS								
REPORT DATE	PERCENT COMPLETE	RIG TIME	TOTAL RIG TIME		MAN HOURS	TOTAL MAN HOURS		
2020-03-13	-	-	5.00 hr		-	0.00 hr		
TOTAL TIME	NON-PRODUCTIVE	FLARE VOLUME	TOTAL DAILY FLARE		CASING PRESSURE	TUBING PRESSURE		
1.00 hr	0.00 hr	-	0.00 e³m³		-	-		
DAILY OPERATIONS					WEATHER			
DAILY STATUS Inhibit and winterize casing 24 HOUR SUMMARY Inhibit and winterize casing NEXT 24 HOURS Suspend flowline					GENERAL			
					-			
					ROAD CONDITION			
					-			
					TIME		TEMP	
						-		
TIME LOG								
FROM	TO	DUR	NPT CODE	DETAILS				
11:30	12:30	1.0 h		Held safety meeting, review hazards MSDS of CPF-119WT PPE requirements pressures and pump fill rates. SICIP 0 Loaded 90 liters of PureChem CPF-119WT inhibitor and 100 liters 50/50 methanol water mixed filled casing pressured up to 200 kpa bled off pressure to 0 secured well head chained and locked masters and casing valves.				
DAILY FLUIDS								
COMPANY	TICKET	SOURCE/DESTINATION	LEASE		WELL		REMAINING	
			TO	FROM	TO	FROM	TANK	WELL
"Fresh water"								
			TODAY	0.00 m³	0.00 m³	0.00 m³	0.00 m³	0.00 m³
			RUNNING	35.00 m³	0.00 m³	0.00 m³	0.00 m³	0.00 m³



Daily Well Suspension Report - 2020-03-12 - Day #9
STRATEGIC ET AL CAMERON A-03 60 10N, 117 30W • #2047

WELL DATA								
LICENSE #	UWI		EVENT		AFE NUMBER		AFE \$	
2047			Well Suspension		20EWM-AB-003			
GROUND ELE	KB > GROUND	KB ELE	CF > GROUND	TH > GROUND	KB > TH	DH > GROUND	KB > DH	
767.40 m	5.40 m	772.80 m	0.00 m	-	5.40 m	-	5.40 m	
REPORT DETAILS								
REPORT DATE	PERCENT COMPLETE	RIG TIME	TOTAL RIG TIME		MAN HOURS	TOTAL MAN HOURS		
2020-03-12	-	-	5.00 hr		-	0.00 hr		
TOTAL TIME	NON-PRODUCTIVE	FLARE VOLUME	TOTAL DAILY FLARE		CASING PRESSURE	TUBING PRESSURE		
5.00 hr	0.00 hr	-	0.00 e³m³		-	-		
DAILY OPERATIONS					WEATHER			
DAILY STATUS Logging 24 HOUR SUMMARY Conduct Radial Cement bond log NEXT 24 HOURS					GENERAL			
					-25 with brisk wind			
					ROAD CONDITION			
					Winter ice roads - good			
					TIME	TEMP		
						-24°C		
TIME LOG								
FROM	TO	DUR	NPT CODE	DETAILS				
13:00	18:00	5.0 h		Hold operational safety meeting and issue safe work permit. Conduct a Radial cement bond log high speed pass to 1480 mKB. Tag fluid level @ 35 mKB. Conduct main pass coming out of hole. Field estimated Cement to surface. Rig out Spectrum and release. Install Wind sock and chain well head valves.				
DAILY FLUIDS								
COMPANY	TICKET	SOURCE/DESTINATION	LEASE		WELL		REMAINING	
			TO	FROM	TO	FROM	TANK	WELL
"Fresh water"								
			TODAY	0.00 m³	0.00 m³	0.00 m³	0.00 m³	0.00 m³
			RUNNING	35.00 m³	0.00 m³	0.00 m³	0.00 m³	0.00 m³



Daily Well Suspension Report - 2020-03-11 - Day #8
STRATEGIC ET AL CAMERON A-03 60 10N, 117 30W • #2047

WELL DATA								
LICENSE #	UWI		EVENT		AFE NUMBER		AFE \$	
2047			Well Suspension		20EWM-AB-003			
GROUND ELE	KB > GROUND	KB ELE	CF > GROUND	TH > GROUND	KB > TH	DH > GROUND	KB > DH	
767.40 m	5.40 m	772.80 m	0.00 m	-	5.40 m	-	5.40 m	
REPORT DETAILS								
REPORT DATE	PERCENT COMPLETE	RIG TIME	TOTAL RIG TIME		MAN HOURS		TOTAL MAN HOURS	
2020-03-11	-	-	5.00 hr		-		0.00 hr	
TOTAL TIME	NON-PRODUCTIVE	FLARE VOLUME	TOTAL DAILY FLARE		CASING PRESSURE		TUBING PRESSURE	
7.25 hr	0.00 hr	-	0.00 e³m³		-		-	
DAILY OPERATIONS					WEATHER			
DAILY STATUS Wait on Decision to abandon 24 HOUR SUMMARY Wait on Decision to abandon NEXT 24 HOURS Perform Cement bond logs on A-03 and J-62					GENERAL			
					-			
					ROAD CONDITION			
					-			
					TIME		TEMP	
					-			
TIME LOG								
FROM	TO	DUR	NPT CODE	DETAILS				
08:00	15:15	7.25 h		Travel to C-74, C-75, F-73, H-03 and install windsock and chain as directed. Wait on E line services				
DAILY FLUIDS								
COMPANY	TICKET	SOURCE/DESTINATION	LEASE		WELL		REMAINING	
			TO	FROM	TO	FROM	TANK	WELL
"Fresh water"								
			TODAY	0.00 m³	0.00 m³	0.00 m³	0.00 m³	0.00 m³
			RUNNING	35.00 m³	0.00 m³	0.00 m³	0.00 m³	0.00 m³



Daily Well Suspension Report - 2020-03-10 - Day #7
STRATEGIC ET AL CAMERON A-03 60 10N, 117 30W • #2047

WELL DATA								
LICENSE #	UWI		EVENT		AFE NUMBER		AFE \$	
2047			Well Suspension		20EWM-AB-003			
GROUND ELE	KB > GROUND	KB ELE	CF > GROUND	TH > GROUND	KB > TH	DH > GROUND	KB > DH	
767.40 m	5.40 m	772.80 m	0.00 m	-	5.40 m	-	5.40 m	
REPORT DETAILS								
REPORT DATE	PERCENT COMPLETE	RIG TIME	TOTAL RIG TIME		MAN HOURS	TOTAL MAN HOURS		
2020-03-10	-	-	5.00 hr		-	0.00 hr		
TOTAL TIME	NON-PRODUCTIVE	FLARE VOLUME	TOTAL DAILY FLARE		CASING PRESSURE	TUBING PRESSURE		
6.92 hr	0.00 hr	-	0.00 e³m³		-	-		
DAILY OPERATIONS					WEATHER			
DAILY STATUS Wait on Decision to abandon 24 HOUR SUMMARY OROGO Inspection NEXT 24 HOURS					GENERAL			
					-			
					ROAD CONDITION			
					-			
					TIME		TEMP	
					-			
TIME LOG								
FROM	TO	DUR	NPT CODE	DETAILS				
10:00	16:55	6.92 h		OROGO inspectors, Brain, Mike and Peter arrive on location and inspect 3 sites.				
DAILY FLUIDS								
COMPANY	TICKET	SOURCE/DESTINATION	LEASE		WELL		REMAINING	
			TO	FROM	TO	FROM	TANK	WELL
"Fresh water"								
			TODAY	0.00 m³	0.00 m³	0.00 m³	0.00 m³	0.00 m³
			RUNNING	35.00 m³	0.00 m³	0.00 m³	0.00 m³	35.00 m³



Daily Well Suspension Report - 2020-03-09 - Day #6
STRATEGIC ET AL CAMERON A-03 60 10N, 117 30W • #2047

WELL DATA								
LICENSE #	UWI		EVENT		AFE NUMBER		AFE \$	
2047			Well Suspension		20EWM-AB-003			
GROUND ELE	KB > GROUND	KB ELE	CF > GROUND	TH > GROUND	KB > TH	DH > GROUND	KB > DH	
767.40 m	5.40 m	772.80 m	0.00 m	-	5.40 m	-	5.40 m	
REPORT DETAILS								
REPORT DATE	PERCENT COMPLETE	RIG TIME	TOTAL RIG TIME		MAN HOURS	TOTAL MAN HOURS		
2020-03-09	-	-	5.00 hr		-	0.00 hr		
TOTAL TIME	NON-PRODUCTIVE	FLARE VOLUME	TOTAL DAILY FLARE		CASING PRESSURE	TUBING PRESSURE		
9.00 hr	0.00 hr	-	0.00 e³m³		-	-		
DAILY OPERATIONS					WEATHER			
DAILY STATUS 24 HOUR SUMMARY De mobilize equipment back to High Level NEXT 24 HOURS					GENERAL			
					-			
					ROAD CONDITION			
					-			
					TIME			TEMP
					-			
TIME LOG								
FROM	TO	DUR	NPT CODE	DETAILS				
08:00	17:00	9.0 h		Picker truck to load good TBG and put on pipe rack at H-03, De mobile equipment back to High Level. Return Chemicals back to Baker. Load shack and spot at H-03 beside pipe racks. NWT inspectors Norman and Jayda inspect A-03, J-62, I-73. Good inspection. Install thread compound and install thread protectors on TBG. Haul junk TBG to High level (Arnold Enterprises) for resale as per instructed				
DAILY FLUIDS								
COMPANY	TICKET	SOURCE/DESTINATION	LEASE		WELL		REMAINING	
			TO	FROM	TO	FROM	TANK	WELL
"Fresh water"								
			TODAY	0.00 m³	0.00 m³	0.00 m³	0.00 m³	0.00 m³
			RUNNING	35.00 m³	0.00 m³	0.00 m³	0.00 m³	35.00 m³



Daily Well Suspension Report - 2020-03-08 - Day #5
STRATEGIC ET AL CAMERON A-03 60 10N, 117 30W • #2047

WELL DATA							
LICENSE #	UWI		EVENT		AFE NUMBER		AFE \$
2047			Well Suspension		20EWM-AB-003		
GROUND ELE	KB > GROUND	KB ELE	CF > GROUND	TH > GROUND	KB > TH	DH > GROUND	KB > DH
767.40 m	5.40 m	772.80 m	0.00 m	-	5.40 m	-	5.40 m
REPORT DETAILS							
REPORT DATE	PERCENT COMPLETE	RIG TIME	TOTAL RIG TIME		MAN HOURS	TOTAL MAN HOURS	
2020-03-08	-	-	5.00 hr		-	0.00 hr	
TOTAL TIME	NON-PRODUCTIVE	FLARE VOLUME	TOTAL DAILY FLARE		CASING PRESSURE	TUBING PRESSURE	
17.00 hr	0.00 hr	-	0.00 e³m³		-	-	
DAILY OPERATIONS					WEATHER		
DAILY STATUS Pull pipe and lay down tubing 24 HOUR SUMMARY Complete rig out and release services NEXT 24 HOURS Move Tubing and set up pipe racks					GENERAL		
					-		
					ROAD CONDITION		
					-		
					TIME	TEMP	
						-	
TIME LOG							
FROM	TO	DUR	NPT CODE	DETAILS			
00:00	01:00	1.0 h		Filled casing to pressure test the plug pumped 3.5 m3 to fill casing pressured up to 7.0 mpa for a 15 min isolation test (HELD SOLID) Beld off pressure to 0. Picked 0.5 m3 batch mixed 250 liters of class G 1890 kg/m cement filled tubing displaced tubing with 4.4 m3 of fresh water spotting cement pulled 3 joints circulated 1.5 times hole volume.			
01:00	07:00	6.0 h		Pulled 73 mm work string out laying tubing down filling hole displacement tripping out pulled 130 joins crew chenge			
07:00	17:00	10.0 h		Continue to pull out of hole laying down TBG. Tank truck to suck out rig tank, boiler fluids and haul to Tervita Rainbow Lake for disposal. Vac truck to clean rig tank and haul to Tervita Rainbow Lake for Disposal. Haul matting and 400 BBI tank to High level - released rentals.			
DAILY FLUIDS							
COMPANY	TICKET	SOURCE/DESTINATION	LEASE		WELL		REMAINING
			TO	FROM	TO	FROM	TANK
"Fresh water"							
			TODAY	0.00 m³	0.00 m³	0.00 m³	0.00 m³
			RUNNING	35.00 m³	0.00 m³	0.00 m³	35.00 m³

WELL DATA								
LICENSE #	UWI		EVENT		AFE NUMBER		AFE \$	
2047			Well Suspension		20EWM-AB-003			
GROUND ELE	KB > GROUND	KB ELE	CF > GROUND	TH > GROUND	KB > TH	DH > GROUND	KB > DH	
767.40 m	5.40 m	772.80 m	0.00 m	-	5.40 m	-	5.40 m	
REPORT DETAILS								
REPORT DATE	PERCENT COMPLETE	RIG TIME	TOTAL RIG TIME	MAN HOURS	TOTAL MAN HOURS			
2020-03-07	-	-	5.00 hr	-	0.00 hr			
TOTAL TIME	NON-PRODUCTIVE	FLARE VOLUME	TOTAL DAILY FLARE	CASING PRESSURE	TUBING PRESSURE			
24.00 hr	0.00 hr	-	0.00 e³m³	-	-			
DAILY OPERATIONS					WEATHER			
DAILY STATUS Rig on hole, pulling tubing 24 HOUR SUMMARY Strip on BOPs, pressure test. SCVF check, no flow. Unseat seal assembly, POOH tubing. RIH, set BP. NEXT 24 HOURS					GENERAL			
					Light snow 10 k North wind			
					ROAD CONDITION			
					Winter Ice roads good shape			
					TIME	TEMP		
00:00	31°C							
TIME LOG								
FROM	TO	DUR	NPT CODE	DETAILS				
00:00	00:30	0.5 h		Stopped for lunch and warm up and tail gate safety meeting, Topics Well kill, removing flow line and top section of the well head.				
00:30	04:30	4.0 h		Removed flow, Stump tested BOP blind rams to 1.4 mpa and 21 mpa 10 min on each test bled off pressure, Pressure test pipe rams and TIW valve to 1.4 mpa and 21.0 mpa bled off pressure, 10 min on each test, tested HydriL to 1.4 and 7.0 mpa 10 min on each test bled off pressure. Tied pump line in to well head Pressure tested line to 1.4 and 14 mpa. bled off pressure to 0.5 mpa opened master valve pumped 50 liters pressured up to a solid 5 mpa bled off pressure monitored tubing and casing. Removed top section to inspect the tubing hanger, cleaned out threads installed handling pup and TIW valve.				
04:30	07:00	2.5 h		Crew warmed up nipped up BOP's pressure tested ring gasket to 1.4 and 21 mpa 10 min on each test bled off pressure drained pump and lines rigged up work floor				
07:00	07:30	0.5 h		Hold operational safety meeting and issue safe work permits. Review new ERP, Emergency Transport plan and Site orientation.				
07:30	07:50	0.33 h		Perform 10 minute bubble test on SCV. Zero bubbles and Zero LEL's				
07:50	11:45	3.92 h		Rotate TBG and come off of packer with seal assembly. (Numerous attempts) Pump 5 m3 fresh water down CSG and could not catch pressure. TBG is full to surface. Pump down TBG and pressured up to 7 mPa. Bleed off. Pull out of hole and break out handling pup and and TBG hanger. (Order mud can and vac truck) Pump down TBG and pressure up moving pipe in increments up to 9 mPa and established a slight bleed off. Pump down CSG pumping 6 m3 and we started establish light circulation. Increased pump rate and circulation increased to full circulation. pumped additional TBG volume until clean. TBG and CSG on Vacuum.				
11:45	13:00	1.25 h		Pull out of hole with TBG laying down. Perform BOP drill with all on location. - Good drill securing well and to Muster #! in 1 minute and 28 seconds. Review drill with crew . Lunch break and warm up.				
13:00	16:00	3.0 h		Continue to pull out of hole laying down a total of 158 joints. and seal assembly.				
16:00	19:00	3.0 h		Tally, make up and run in hole with Koppe 10 K Permanent Bridge plug, and 48 joints tubing Vac truck arrives and sucks out testing vessel (Release testers) and barrel at H-03 as per Norman with NWT Government Crew change and hand over.				
19:00	19:15	0.25 h		Crew Change hand over safety meeting with all personal				
19:15	00:00	4.75 h		Continued in the hole with Bridge plug tallying and drifting tubing marking collars at 1505.2 and 1509.7 mkb metered plug in to place placing CE @ 1509.5 mkb pressured tubing up ti 14.0 mpa set plug as programed.				
DAILY FLUIDS								
COMPANY	TICKET	SOURCE/DESTINATION	LEASE		WELL		REMAINING	
			TO	FROM	TO	FROM	TANK	WELL
"Fresh water								
pinnacle services		Lake #3	25.00 m³				35.00 m³	0.00 m³
		TODAY	25.00 m³	0.00 m³	0.00 m³	0.00 m³	25.00 m³	0.00 m³
		RUNNING	35.00 m³	0.00 m³	0.00 m³	0.00 m³	35.00 m³	0.00 m³



Daily Well Suspension Report - 2020-03-06 - Day #3
STRATEGIC ET AL CAMERON A-03 60 10N, 117 30W • #2047

WELL DATA									
LICENSE #	UWI		EVENT		AFE NUMBER		AFE \$		
2047			Well Suspension		20EWM-AB-003				
GROUND ELE	KB > GROUND	KB ELE	CF > GROUND	TH > GROUND	KB > TH	DH > GROUND	KB > DH		
767.40 m	5.40 m	772.80 m	0.00 m	-	5.40 m	-	5.40 m		
REPORT DETAILS									
REPORT DATE	PERCENT COMPLETE	RIG TIME	TOTAL RIG TIME	MAN HOURS	TOTAL MAN HOURS				
2020-03-06	0%	5.00 hr	5.00 hr	0.00 hr	0.00 hr				
TOTAL TIME	NON-PRODUCTIVE	FLARE VOLUME	TOTAL DAILY FLARE	CASING PRESSURE	TUBING PRESSURE				
5.00 hr	0.00 hr	0.00 e³m³	0.00 e³m³	0.00 kPa	0.00 kPa				
DAILY OPERATIONS					WEATHER				
DAILY STATUS Move PWS 834 on A -03, Spot and Rig in equipment 24 HOUR SUMMARY Mob in. NEXT 24 HOURS					GENERAL				
					-				
					ROAD CONDITION				
					-				
					TIME	TEMP			
					-				
TIME LOG									
FROM	TO	DUR	NPT CODE	DETAILS					
19:00	19:45	0.75 h		On J 62 Held tailgate safety meeting with all personal moved equipment to A 03. Spotted equipment.					
19:45	00:00	4.25 h		Held daily operations safety meeting with all personal -31 C issued work permit. Rigged in to OROGO & EWM Regulations spotted pump and tank unloaded 21.0 m3 in to rig tank, Laid pump line, laid out accumulator lines, Rigged in boiler line and heaters tarped in well head and pump and manifold, and warned BOP's placed drip trays under equipment SITP Vacuum SICP Vacuum.					
DAILY FLUIDS									
COMPANY	TICKET	SOURCE/DESTINATION	LEASE		WELL		REMAINING		
			TO	FROM	TO	FROM	TANK	WELL	
"Fresh water"									
longway	66550	j-62 rig tank		10.00 m³			10.00 m³	0.00 m³	
			TODAY	10.00 m³	0.00 m³	0.00 m³	0.00 m³	10.00 m³	0.00 m³
			RUNNING	10.00 m³	0.00 m³	0.00 m³	0.00 m³	10.00 m³	0.00 m³



Daily Well Suspension Report - 2020-03-05 - Day #2
STRATEGIC ET AL CAMERON A-03 60 10N, 117 30W • #2047

WELL DATA							
LICENSE #	UWI		EVENT		AFE NUMBER		AFE \$
2047			Well Suspension		20EWM-AB-003		
GROUND ELE	KB > GROUND	KB ELE	CF > GROUND	TH > GROUND	KB > TH	DH > GROUND	KB > DH
767.40 m	5.40 m	772.80 m	0.00 m	-	5.40 m	-	5.40 m
REPORT DETAILS							
REPORT DATE	PERCENT COMPLETE	RIG TIME	TOTAL RIG TIME	MAN HOURS	TOTAL MAN HOURS		
2020-03-05	-	-	0.00 hr	-	0.00 hr		
TOTAL TIME	NON-PRODUCTIVE	FLARE VOLUME	TOTAL DAILY FLARE	CASING PRESSURE	TUBING PRESSURE		
0.00 hr	0.00 hr	-	0.00 e³m³	-	-		
DAILY OPERATIONS					WEATHER		
DAILY STATUS					GENERAL		
					-		
24 HOUR SUMMARY					ROAD CONDITION		
haul in sand around well head					-		
NEXT 24 HOURS					TIME	TEMP	
						-	



Daily Well Suspension Report - 2020-03-03 - Day #1
STRATEGIC ET AL CAMERON A-03 60 10N, 117 30W • #2047

WELL DATA							
LICENSE #	UWI		EVENT		AFE NUMBER		AFE \$
2047			Well Suspension		20EWM-AB-003		
GROUND ELE	KB > GROUND	KB ELE	CF > GROUND	TH > GROUND	KB > TH	DH > GROUND	KB > DH
767.40 m	5.40 m	772.80 m	0.00 m	-	5.40 m	-	5.40 m
REPORT DETAILS							
REPORT DATE	PERCENT COMPLETE		RIG TIME	TOTAL RIG TIME	MAN HOURS		TOTAL MAN HOURS
2020-03-03	-		-	0.00 hr	-		0.00 hr
TOTAL TIME	NON-PRODUCTIVE		FLARE VOLUME	TOTAL DAILY FLARE	CASING PRESSURE		TUBING PRESSURE
1.00 hr	0.00 hr		-	0.00 e³m³	-		-
DAILY OPERATIONS					WEATHER		
DAILY STATUS 24 HOUR SUMMARY Lift shack off of well head and spot on corner of lease NEXT 24 HOURS					GENERAL		
					-		
					ROAD CONDITION		
					-		
					TIME		TEMP
					-		
TIME LOG							
FROM	TO	DUR	NPT CODE	DETAILS			
17:30	18:30	1.0 h		Picker truck to lift shack from well head and spot on corner of location			

WELL DATA					
NAME		LICENSE #	COST CENTRE	UWI	LOCATION
STRATEGIC ET AL CAMERON A-03 60 10N, 117 30W		2047		Unavailable	Cameron Hills NT, Canada
COMPLETIONS DATA					
NAME		START DATE	END DATE	AFE #	AFE AMOUNT
Well Suspension		2020-03-03	2020-03-15	20EWM-AB-003	\$0.00
TIME LOG					
FROM	TO	DUR	NPT	CODE	DETAIL
Completions Daily Report • 2020-03-03					
17:30	18:30	1.00			Picker truck to lift shack from well head and spot on corner of location
TOTAL1.00 hr					
Completions Daily Report • 2020-03-05					
TOTAL0.00 hr					
Completions Daily Report • 2020-03-06					
19:00	19:45	0.75			On J 62 Held tailgate safety meeting with all personal moved equipment to A 03. Spotted equipment.
19:45	00:00	4.25			Held daily operations safety meeting with all personal -31 C issued work permit. Rigged in to OROGO & EWM Regulations spotted pump and tank unloaded 21.0 m3 in to rig tank, Laid pump line, laid out accumulator lines, Rigged in boiler line and heaters tarped in well head and pump and manifold, and warmed BOP's placed drip trays under equipment SITP Vacuum SICP Vacuum.
TOTAL5.00 hr					
Completions Daily Report • 2020-03-07					
00:00	00:30	0.50			Stopped for lunch and warm up and tail gate safety meeting, Topics Well kill, removing flow line and top section of the well head.
00:30	04:30	4.00			Removed flow, Stump tested BOP blind rams to 1.4 mpa and 21 mpa 10 min on each test bled off pressure, Pressure test pipe rams and TIW valve to 1.4 mpa and 21.0 mpa bled off pressure, 10 min on each test, tested Hydril to 1.4 and 7.0 mpa 10 min on each test bled off pressure. Tied pump line in to well head Pressure tested line to 1.4 and 14 mpa. bled off pressure to 0.5 mpa opened master valve pumped 50 liters pressured up to a solid 5 mpa bled off pressure monitored tubing and casing. Removed top section to inspect the tubing hanger, cleaned out threads installed handling pup and TIW valve.
04:30	07:00	2.50			Crew warmed up nipped up BOP's pressure tested ring gasket to 1.4 and 21 mpa 10 min on each test bled off pressure drained pump and lines rigged up work floor
07:00	07:30	0.50			Hold operational safety meeting and issue safe work permits. Review new ERP, Emergency Transport plan and Site orientation.
07:30	07:50	0.33			Perform 10 minute bubble test on SCV. Zero bubbles and Zero LEL's
07:50	11:45	3.92			Rotate TBG and come off of packer with seal assembly. (Numerous attempts) Pump 5 m3 fresh water down CSG and could not catch pressure. TBG is full to surface. Pump down TBG and pressured up to 7 mPa. Bleed off. Pull out of hole and break out handling pup and and TBG hanger. (Order mud can and vac truck) Pump down TBG and pressure up moving pipe in increments up to 9 mPa and established a slight bleed off. Pump down CSG pumping 6 m3 and we started establish light circulation. Increased pump rate and circulation increased to full circulation. pumped additional TBG volume until clean. TBG and CSG on Vacuum.
11:45	13:00	1.25			Pull out of hole with TBG laying down. Perform BOP drill with all on location. - Good drill securing well and to Muster #! in 1 minute and 28 seconds. Review drill with crew . Lunch break and warm up.
13:00	16:00	3.00			Continue to pull out of hole laying down a total of 158 joints. and seal assembly.
16:00	19:00	3.00			Tally, make up and run in hole with Koppe 10 K Permanent Bridge plug, and 48 joints tubing Vac truck arrives and sucks out testing vessel (Release testers) and barrel at H-03 as per Norman with NWT Government Crew change and hand over.
19:00	19:15	0.25			Crew Change hand over safety meeting with all personal
19:15	00:00	4.75			Continued in the hole with Bridge plug tallying and drifting tubing marking collars at 1505.2 and 1509.7 mkb metered plug in to place placing CE @ 1509.5 mkb pressured tubing up ti 14.0 mpa set plug as programed.
TOTAL24.00 hr					
Completions Daily Report • 2020-03-08					
00:00	01:00	1.00			Filled casing to pressure test the plug pumped 3.5 m3 to fill casing pressured up to 7.0 mpa for a 15 min isolation test (HELD SOLID) Beld off pressure to 0. Picked 0.5 m3 batch mixed 250 liters of class G 1890 kg/m cement filled tubing displaced tubing with 4.4 m3 of fresh water spotting cement pulled 3 joints circulated 1.5 times hole volume.
01:00	07:00	6.00			Pulled 73 mm work string out laying tubing down filling hole displacement tripping out pulled 130 joins crew chenge
07:00	17:00	10.00			Continue to pull out of hole laying down TBG. Tank truck to suck out rig tank, boiler fluids and haul to Tervita Rainbow Lake for disposal. Vac truck to clean rig tank and haul to Tervita Rainbow Lake for Disposal. Haul matting and 400 BBI tank to High level - released rentals.
TOTAL17.00 hr					
Completions Daily Report • 2020-03-09					
08:00	17:00	9.00			Picker truck to load good TBG and put on pipe rack at H-03, De mobile equipment back to High Level. Return Chemicals back to Baker. Load shack and spot at H-03 beside pipe racks. NWT inspectors Norman and Jayda inspect A-03, J-62, I-73. Good inspection. Install thread compound and install thread protectors on TBG. Haul junk TBG to High level (Arnold Enterprises) for resale as per instructed
TOTAL9.00 hr					
Completions Daily Report • 2020-03-10					
10:00	16:55	6.92			OROGO inspectors, Brain, Mike and Peter arrive on location and inspect 3 sites.
TOTAL6.92 hr					
Completions Daily Report • 2020-03-11					
08:00	15:15	7.25			Travel to C-74, C-75, F-73, H-03 and install windsock and chain as directed. Wait on E line services
TOTAL7.25 hr					
Completions Daily Report • 2020-03-12					



Time Log Report
STRATEGIC ET AL CAMERON A-03 60 10N, 117 30W • #2047

13:00 18:00 5.00 hr

Hold operational safety meeting and issue safe work permit. Conduct a Radial cement bond log high speed pass to 1480 mKB. Tag fluid level @ 35 mKB. Conduct main pass coming out of hole. Field estimated Cement to surface. Rig out Spectrum and release. Install Wind sock and chain well head valves.

TOTAL 5.00 hr

Completions Daily Report • 2020-03-13

11:30 12:30 1.00 hr

Held safety meeting, review hazards MSDS of CPF-119WT PPE requirements pressures and pump fill rates. SICP 0 Loaded 90 liters of PureChem CPF-119WT inhibitor and 100 liters 50/50 methanol water mixed filled casing pressured up to 200 kpa bled off pressure to 0 secured well head chained and locked masters and casing valves.

TOTAL 1.00 hr

Completions Daily Report • 2020-03-15

08:00 11:00 3.00 hr

Held Pre-job safety meeting with all personal issued work permit, Conducted an LEL sweep at tie in points H2s 0 ppm discussed hazards of the operation spotted Tank truck and tied in to the flow line and hooked up compressor air line to push pressured up opened flow line to tanker. No communication bled off pressure. Heated up risers both end and still could not push the line. Frozen under ground rigged out equipment installed blind flanges securing the flow line Released services

TOTAL 3.00 hr



Fluid Movement Report - Well Suspension
STRATEGIC ET AL CAMERON A-03 60 10N, 117 30W • #2047

WELL DATA									
NAME	LICENSE #	COST CENTRE	UWI	LOCATION					
STRATEGIC ET AL CAMERON A-03 60 10N, 117 30W	2047			Cameron Hills NT, Canada					
COMPLETIONS DETAIL									
COMPLETIONS TYPE	START DATE	FINISH DATE	OBJECTIVE						
Standing Cased	2020-03-03	2020-03-15	Well Suspension						
DAILY FLUID MOVEMENT									
Fresh water									
NOTE j-62 rig tank									
DATE	COMPANY	TICKET	SOURCE/DEST	LEASE		WELL		REMAINING	
				TO	FROM	TO	FROM	TANK	WELL
2020-03-06	longway	66550	j-62 rig tank	10.00 m³				10.00 m³	0.00 m³
2020-03-07	pinnacle services		Lake #3	25.00 m³				35.00 m³	0.00 m³
TOTAL				35.00 m³	0.00 m³	0.00 m³	0.00 m³	35.00 m³	0.00 m³

