

January 12, 2023

Office of the Regulator of Oil and Gas Operations
PO Box 1320
Yellowknife NT, X1A 2L9

By Email: orogo@gov.nt.ca

RE: Abandonment of the Cameron A-73 Well (ACW-2021-SOG-A-73-WID 1747)

ELM Inc, acting on behalf of Alvarez & Marsal Canada Inc in their capacity as the receiver for Strategic Oil and Gas Ltd requests a variation to the well approval for the Cameron A-73 well.

The current abandonment program contains steps to abandon the Keg River perforations by setting a bridge plug, pulling out the setting tool, running in with a packer and pressure testing, pulling out the packer, then running in tubing to circulate cement in place.

ELM proposes a new abandonment program which abandons the Keg River perforations by running a permanent bridge plug and packer in tandem. The plug will be set, then the packer set above it to pressure test the plug. Then the packer will be pulled out of the well, and tubing ran in to circulate cement into place. Other changes are to drill out the existing permanent bridge plug with either a power swivel or a mud motor, depending on availability of those tools. The rest of the program remains functionally the same as the currently approved program.

Should you have any questions or require further information, please contact the undersigned at christopher@elminc.ca

Sincerely,

Christopher Gagnon, EIT

ELM Inc, acting as a consultant to Alvarez & Marsal Canada Inc



ELM
Environmental Liability Management

Routine Well Abandonment Program

Strategic Oil and Gas Ltd. C/O Alvarez & Marsal Canada
Inc.

STRATEGIC ET AL CAMERON A-73
300/A73 60-20N 117-30W

Elm Inc. Project Number: STRA050

Developed by: Christopher Gagnon EIT
Reviewed by: Malcolm McKean P.Eng

January 12, 2023

ROUTINE ABANDONMENT PROGRAM

BACKGROUND:

- Suspended vertical well
- Well produced from Sulphur Point formation
- Permanent Bridge Plug was set at 1380 mKB.
- Suspended with Otis PX plug in X nipple at 1359.3 mKB.

ABSTRACT:

- Move on service rig
- Move on Slick line and retrieve plug from X nipple
- Unset packer and pull tubing
- Run in and drill out bridge plug at 1380mKB
- Abandon Keg River with bridge plug and cement
- Abandon Sulphur Point with bridge plug and cement
- Move on wireline to run cement bond log
- If bond log shows acceptable cement isolation, coil tubing unit to circulate well to fresh water
- If bond log shows insufficient cement isolation, use service rig to circulate well to fresh water and conduct isolation squeezes
- Cut and cap the well

CONTACTS:

Elm Inc. Calgary Office

Elm Inc. Calgary Office		
Malcolm McKean P.Eng, Vice President Liability	██████████ – Cell	Malcolm@elminc.ca
Christopher Gagnon EIT, Operations Engineer	██████████ – Cell	Christopher@elminc.ca

Elm Inc. Field Staff

Elm Inc. Field Staff		
To be determined	To be determined	To be determined

Client Contact

Client Contact		
Duncan MacRae – Director, A&M	██████████ - Cell	dmacrae@alvarzeandmarsal.com

Regulator Contact

Regulator Contact		
OROGO - Office	867-767-9097	orogo@gov.nt.ca
OROGO - 24-hour emergency line	1-867-445-8551	
NWT Spill Line	1-867-920-8130	

January 12, 2023

WELL INFORMATION:

WELL NAME: STRATEGIC ET AL CAMERON A-73
UNIQUE ID: 300/A73 60-20N 117-30W
SURFACE LOCATION: 60.12.09-117.43.33
LICENSE #: 1747
STATUS: Suspended
TOTAL DEPTH: 1585 mKB (1585 mKB TVD)
ELEVATIONS: **GL:** 675.6 m **KB:** 679.6 m
BGWP: 600.0 mKB
PLUG BACK: 1377 mKB (Permanent BP)
H₂S DATA: 1.38% - from gas analysis dated March 26, 2007
SCVF: None, last tested June 30, 2022
GAS MIGRATION: GCHEM Intrusive Soil Gas Migration test done on October 30, 2021 indicates no Gas Migration.
SITP: 8 kPa – As recorded on June 30, 2022
SICP: 25 kPa – As recorded on June 30, 2022
RESERVOIR PRESSURE: 9915.5 kPa – 7.2 kPa/m – Static Gradient dated March 25, 1990
MAX FLARE VOLUME: 1.5 x wellbore volume at 10 MPa = 2.6 e3m3
Significant flare volumes are not expected during this operation

LANDOWNER: Crown

DIRECTIONS:

Refer to maps

COMPLETION:

Keg River 1462.5 to 1464.0 mKB (suspended)

Permanent BP Center of Element at 1380.0 mKB

Note ran gauge ring all the way down to perms.

Sulphur Point 1378.0 to 1379.5 mKB (suspended)

Sulphur Point 1372.5 to 1375.5 mKB (suspended)

Sulphur Point 1369.0 to 1370.5 mKB (suspended)

Sulphur Point 1367.0 to 1368.0 mKB (suspended)

January 12, 2023

FORMATIONS:

FORMATION	MD (m)
Wabamun	443.0
Twin Falls	809.0
Muskwa	1259.0
Waterways	1283.0
Slave Point	1304.0
Fort Vermilion	1337.0
Watt Mountain	1356.0
Sulphur Point	1357.0
Muskeg	1379.0
Keg River	1462.0
Pre-Devonian	1559.0
TOTAL DEPTH	1585.0

TUBULARS:**SURFACE CASING:**

244.5 mm, 53.57 kg/m, J-55, LT&C. Landed @ 416.0 m KB. Cemented with 35.0 tonnes 0:1:0 G + 2.0% CaCl₂.
3 m³ Good Cement Returns to Surface.

PRODUCTION CASING:

139.7 mm, 23.07 kg/m, K-55, LT&C. Landed at 1582.3 mKB. Stage #1 cemented with 22.0 tonnes 0:1:0 G + 0.8% NFL-3 + 0.1% SPC12000. Stage #2 cemented with 75.0 tonnes 0:1:8 + 0.75 T-10. Had no cement returns to surface. Good returns throughout but lost circulation after 73 tonnes. Circulation during mixing but decreased to a trickle during displacement. Logged cement top at 400 mKB (CBL dated Mar 10, 1990).

Cement bond log ran March 10, 1990, only ran over zone of interest and the surface casing shoe.

January 12, 2023

PRODUCTION STRING:

1 Joint 73mm Tubing

3 73mm Pup Joints (Length: 4.04m)

141 Joints 73 mm Tubing (1338.7m)

0.29m 2.25 VR Nipple w/ 57mm Profile and 55.8mm No-Go

3.07m x 73.0 mm Pup

0.58m ON/OFF Tool with 47.63 “X” Profile in Slick Joint

(Set plug in X profile at 1359 mKB)

2.04m 10K Cardium ‘DGP’ Packer (Set Packer in 4daN Compression)

3.04m x 60.3mm Pup XO to 73mm - Cross Over

0.38m “XN” Profile with 45.49mm No/Go

60.3mm Mule Shoe Re-Entry Guide

Spaced out and landed tubing end at 1365.64 mKB**See attached Wellbore Schematic dated March 21, 2012, for more information.**

Casing size and weight	Casing ID (mm)	Casing Drift (mm)	Casing Capacity (m3/m)	Top of Plugback	Casing Capacity to Plugback (m3)
244.5mm, 53.57 kg/m	226.59	222.63	0.040326	N/A	N/A
139.7mm 23.07 kg/m	125.73	122.56	0.012416	1585	19.68
Tubing: 73mm, 9.67 kg/m	62.00	59.61	0.003019	1359.3	4.10

DOCUMENTATION & REPORTING:

Daily operation reports are to be emailed prior to 7:00 am the next day following operations.

They are to be sent to the ELM Inc office via ElmDownholeOffice@elminc.ca

Daily reports are to include a detailed description of the day’s events along with all third party services that were utilized and their respective billing charges. These billing charges are to be added and represented by a daily operational cost. These total daily operational costs are to be reflected in a to-date accumulative cost. Along with the daily report the email must include a brief

January 12, 2023

description of the work that was done that day, as well as a 24 hour forecast for the work to be done the following day.

Any incident or injury is to be reported immediately, after appropriate first- and/or medical-aid has been administered to the Elm Inc. office staff in Calgary. After the situation has been placed under control and all affected parties have been aided or corrected, an incident investigation is to take place and attempt to gather all necessary information via written witness statements and summarized in an incident investigation form. Elm Inc. Calgary office staff will then inform the appropriate client representatives of what has taken place.

After the abandonment has been completed, the well site supervisor is to provide the office staff in Calgary with all third-party purchase orders and field tickets/service reports, material transfers, waste manifests along with all appropriate field safety documents. This needs to be completed immediately following the job.

SAFETY:

A safety meeting is to be held with all service company personnel prior to each job. Wellsite supervisor must notify contractors of known hazards of which contractor(s) may be unaware. Wellsite supervisor must ensure that workers are aware of their responsibilities and duties under OH&S regulations and that worker comply with regulations. All service companies supplying materials will review Safety Data Sheets at this meeting for all products supplied and maintain these Safety Data Sheets available for worker's examination on location in compliance with WHIMIS regulations. All Safety meetings will be recorded on the daily reports.

Whenever possible, plan and conduct all workover procedures in a manner which will avoid the mixing of air & hydrocarbons in the well bore and connected surface piping. If mixing does occur, purge prior to pressurizing or exposing mixture to any other possible source of ignition.

All applicable regulations, including, but not limited to the NWT Office of the Regulator of Oil and Gas Operations (OROGO) and Occupational Health and Safety regulations, are to be strictly adhered to. Written instructions must be posted in the doghouse or other conspicuous area prior to the wellsite supervisor leaving the lease. Wellsite supervisor must designate, in writing, a competent person to carry out principal contractor's responsibilities. All verbal notifications and approvals from government regulatory agencies will be recorded on the daily report. The name of the individual contacted, and the subject matter of approval or notification should be recorded on the same.

January 12, 2023

REGULATORY:

OROGO regulations require that the Well Approval as signed by the regulator must be posted in a clearly visible location on the work site. The well approval, its additional terms, and this well abandonment program must be precisely followed.

ABANDONMENT PROGRAM:

Pre-Operations Notifications:

1. Notify the Area Foreman 48 hours before operations to begin.

Mobilize and Inspections:

2. Mobilize to location and inspect access. Ensure that access is clear to allow two-way traffic in and out of the site.
3. Mobilize and move in a wireline mast unit, mobile boiler, and pressure tank with flare.
4. Hold and record a safety and procedure meeting with all personnel on location. Perform a walk around inspection to ensure no hazards on the site. Document meeting topics and prepare a site-specific ERP.
5. Disassemble the SCVF piping and ensure that it is not blocked. Re assemble the piping and install a bottle and hose type tester. Watch tester and ensure there are no bubbles in 10 minutes. Document test on daily report and on the "Surface Casing Vent Flow" form. If using a non-freezing liquid (example windshield washer fluid) for the test, document the liquid used and the density. Ensure that the vent stays open and clear of obstructions throughout all operations and note any subsequent flows on the daily report.

Remove the tubing string

6. Mobilize and move in a service rig with Class III BOP system, doghouse, pump and tank, mobile boiler, pressure tank with flare, and air safety hand.
7. Hold and record a safety and procedure meeting with all personnel on location. Perform a walk around inspection to ensure no hazards on the site. Document meeting topics and prepare a site-specific ERP.
8. Transfer minimum 27 m³ of fresh water to rig tank. Mix H₂S scavenger into the water as per the manufacturer's directions.

January 12, 2023

- NOTE: Formations are under pressured, fresh water will be adequate for well kills. Ensure 1.5 times hole volume is on location for well kill.
 - NOTE: If necessary, transfer a 400 BBL tank to location for additional kill fluid.
9. Lay circulating lines from wellhead to pressure tank and to the rig tank. Stake lines and pressure test to 1.4 mPa low and 21 Mpa high for 10 minutes per test.
 10. Bleed off any well pressure to the pressure tank and flare.
 11. Stump test the BOP stack. Test the ram preventors to 1.4 Mpa low and 21 Mpa high for 10 minutes per test. Test the annular preventor to 1.4 Mpa low and 7 Mpa high for 10 minutes each. Review and function test all components and the accumulator system.
 12. Break down the wellhead, if necessary, install a landing pup and stabbing valve, then install the BOP stack. Pressure test the connections to 1.4 mPa low and 21 Mpa high for 10 minutes per test.
 13. Move on and rig up slickline truck. Rig up all equipment to SOG and OROGO requirements.
 14. MIRU slickline unit. Conduct a walk around lease inspection and hazard assessment. Ensure all necessary safety equipment is strategically positioned on site and tested to ensure proper operating condition prior to commencing the plug recovery operations. Document all controls initiated to mitigate identified hazards.
 15. RIH with retrieving tool and retrieve the Otis PX plug from the X nipple at 1359.3mKB.
 16. Rig out and release slickline.
 17. Unset the packer (right hand release). Allow 15 minutes for elements to relax.
 18. Pull and stand the 73mm tubing. Lay down any tubing that appears corroded or otherwise suspect. If necessary, move on a work string.

Drill Out Existing Bridge Plug

19. Pick up and run-in hole with drilling assembly. Depending on equipment availability from suppliers, an assembly with mud motor or one for a power swivel may be used.

January 12, 2023

20. Trip in slowly for last 2 connections until bridge plug is felt at +/- 1380 mKB.
 - NOTE: Last time the plug was felt in February 2012 it was 3 meters high. Unsure if the wireline was off depth or the tubing tally was out.
21. Rig in circulating equipment and power swivel (if applicable).
22. Drill out the bridge plug and push debris to +/- 1460 mKB.
23. Pull out of hole and lay down drilling assembly.

Abandon Keg River with Permanent Bridge Plug

24. Pick up and run in hole with 10K 139.7mm permanent bridge plug on “Baker Style” setting tool and packer assembly on 73.0mm tubing. Land plug at 1457mKB.
25. Set plug at +/- 1457 mKB. Use setting procedure provided by the tool company.
 - NOTE: A permanent bridge plug must not be set within 5 meters of a casing collar. Collars 1451.1 and 1464.5 mKB.
26. Fill annulus with fresh water. Set the packer. Pressure test the bridge plug to 7000 kPa for 15 minutes.
27. Unset the packer. Pull out of hole and stand the tubing.
28. Run in hole with tubing open ended.
29. Mix 500L of class G cement in barrel. Circulate cement down tubing using attached procedure.
30. After reverse circulating tubing clean, pull out of hole and stand tubing.

Abandon Sulphur Point with Permanent Bridge Plug

31. Pick up 10K 139.7mm HM type permanent bridge plug and setting tool. Run in hole with plug.
32. Set plug at +/- 1357 mKB. Use setting procedure provided by the tool company.
 - NOTE: A permanent bridge plug may not be placed within 5 meters of a casing collar. Collars are at 1352.0 and 1362.8 mKB.

January 12, 2023

33. Fill annulus with fresh water. Close pipe rams and pressure test the bridge plug to 7000 kPa for 15 minutes.
34. Rotate off the bridge plug as per tool company procedure.
35. Mix 500L of class G cement in barrel. Circulate cement down tubing using attached procedure.
36. Establish circulation with fresh water. Circulate well over to fresh water with a hole volume (17.7 m³)
37. Pull out of hole with tubing. Stand enough tubing for next operations, lay down remaining tubing. Proceed to “Run radial cement bond log” section.

Run radial cement bond log

27. Rig up the wireline unit.
28. Run in with a gauge ring and casing collar locator to PBTD. Pull out with tools.
29. Run in radial bond tools and record a high-speed log on trip in to PBTD. Run a full radial bond log from PBTD to surface. Send completed logs to wireline company for analysis, and to OROGO and Calgary office.
30. Rig out the wireline unit.
31. Calgary office will review the cement bond log and determine if operations are to proceed to the “Wellhead Cut and Cap” section or to “Remedial Perforation” section. WAIT ON ORDERS.

Remedial Perforation

32. Move on wireline unit.
33. Hold and record a safety and procedure meeting with all personnel on location. Perform a walk around inspection to ensure no hazards on the site. Document meeting topics and modify site specific ERP if necessary.
34. Rig in wireline lubricator and full opening valve for well control.
35. Run in hole with a 1 meter, 86mm ERHSC perforating gun loaded with 25 gram charges at 17 shots per meter and 60 degree phasing. Correlate gun based on previous bond log. Perforating depth to be determined by Calgary office. Pull out spent guns and inspect to ensure all shots have fired.

January 12, 2023

36. Close blind rams. Pump down the casing and evaluate feed rate into the perforations. Attempt to establish circulation to surface. Contact Calgary office to confirm cementing plan. Options will be “Option 1 – Cement Retainer” or “Option 2 – Balanced Plug”.

- NOTE: If a feed rate is not established Calgary will have to confirm further operational plans with OROGO, with potential for further up hole isolations.

37. Rig out the wireline unit.

Remedial Cementing Option 1 – Cement Retainer

38. Pick up a cement retainer for 139.7 mm casing and setting tool.

39. Run in hole with retainer on 73 mm tubing and set as per Calgary’s direction.

- NOTE: Check Calgary’s order against the collar log from the bond log. A cement retainer must not be placed within 5 meters of a casing collar. If required, contact Calgary to adjust retainer depth.

40. Sting out of cement retainer and pressure test down casing to 7 Mpa for 10 minutes.

41. Sting into retainer and confirm feed rates and pressures for cementing company to prepare a treatment program.

42. Pull into neutral and pressure test tubing to 5 Mpa above the pressure established during the feed rate in step 41. Do not exceed 21 Mpa.

43. Move on remedial cementing crew and vacuum truck.

44. Hold and record a safety and procedure meeting with all personnel on location. Perform a walk around inspection to ensure no hazards on the site. Document meeting topics and modify site specific ERP if necessary.

45. Mix cement as per cementing program.

46. Pump cement down tubing and through retainer. Squeeze cement into formation / circulate to surface as per cementing program.

- NOTE: if circulating cement to surface, do not shut-in surface casing vent until minimum 0.5 m³ of cement has returned to surface.

January 12, 2023

47. Squeeze cement to final pressure as per cementing program. If cement was circulated to surface, shut in the vent for the squeeze.
48. Sting out of retainer and balance remaining cement on the retainer.
49. Slowly pull out 2 joints of tubing and tie in circulating equipment. Reverse circulate excess cement out of well, leaving at least 15 lineal meters of cement on top of the retainer. Circulate minimum 2 tubing volumes of fresh water and continue circulating with fresh water until returns are clean. Direct returns to vacuum truck and mix with sugar in truck to prevent cement from setting up.
50. Pull tubing and lay down, stopping with 5 joints left for a final circulation to fresh water. Pull out last 5 joints but do not top up to prevent wellhead from freezing solid.
51. Proceed to “Wellhead Cut and Cap” section.

Remedial Cementing Option 2 – Balanced Plug

52. Run in hole with tubing open ended and land 16 meters below the perforations.
53. Move on remedial cementing crew and vacuum truck.
54. Hold and record a safety and procedure meeting with all personnel on location. Perform a walk around inspection to ensure no hazards on the site. Document meeting topics and modify site specific ERP if necessary.
55. Mix cement as per cementing program.
 - NOTE: Minimum cement plug volume is 1 m³
56. Pump cement down tubing and balance in well as per cementing program.
60. Slowly pull tubing above estimated cement top and reverse circulate 2 tubing volumes of fresh water to clean up tubing.
61. Squeeze cement into formation as per cementing program. Final squeeze pressure must exceed 7 Mpa.
62. Once cement has flat lined, close in well with pressure and rig off cementers. Clean up equipment into vacuum truck and mix sugar in truck to prevent cement from setting up.
63. After cement has set up (overnight at minimum) run in with tubing and probe cement plug. Apply 1800 decanewtons to confirm top of plug.

January 12, 2023

64. Pressure test plug and casing to 7 MPA for 10 minutes.
65. Pull tubing and lay down, stopping with 5 joints left for a final circulation to fresh water. Pull out last 5 joints but do not top up to prevent wellhead from freezing solid.
66. Proceed to “Wellhead Cut and Cap” section.

Wellhead Cut and Cap

78. Move in waterjet cut and cap crew and equipment.
79. Hold and record a safety and procedure meeting with all personnel on location. Perform a walk around inspection to ensure no hazards on the site. Document meeting topics and prepare a site-specific ERP.
80. Install a bottle and hose type tester on the vent assembly. Watch tester and ensure there are no bubbles in 10 minutes. Document test on daily report and on the “Surface Casing Vent Flow” form. If using a non-freezing liquid (example windshield washer fluid) for the test, document the liquid used and the density.
81. Rig in the waterjet cut and cap crew. Cut and cap the well 1.5 meters below ground level following the waterjet company procedures. Take pictures of the well before the cut, with the wellhead removed, the cut surface, and the vented cap before and during instillation.
82. Backfill open excavation. Photograph the backfill.
83. Install abandoned well sign 1 meter north of the well. Sign is to meet the requirements as outlined in the attachment.
84. Release all services. Field operations are complete.

January 12, 2023

Final Reporting

85. Prepare a final downhole diagram showing the final well configuration
86. Ensure that all tickets and costs are recorded on the morning reports. If a vendor has not submitted their tickets, then put in an estimated cost.
87. Tickets are to be coded with the well name, AFE number, date, and field supervisor's signature. Ensure vendors send all invoices electronically to

ELM Inc.
#1000, 205 – 5th Avenue SW
Calgary AB T2P 2V7
AP@elminc.ca

January 12, 2023

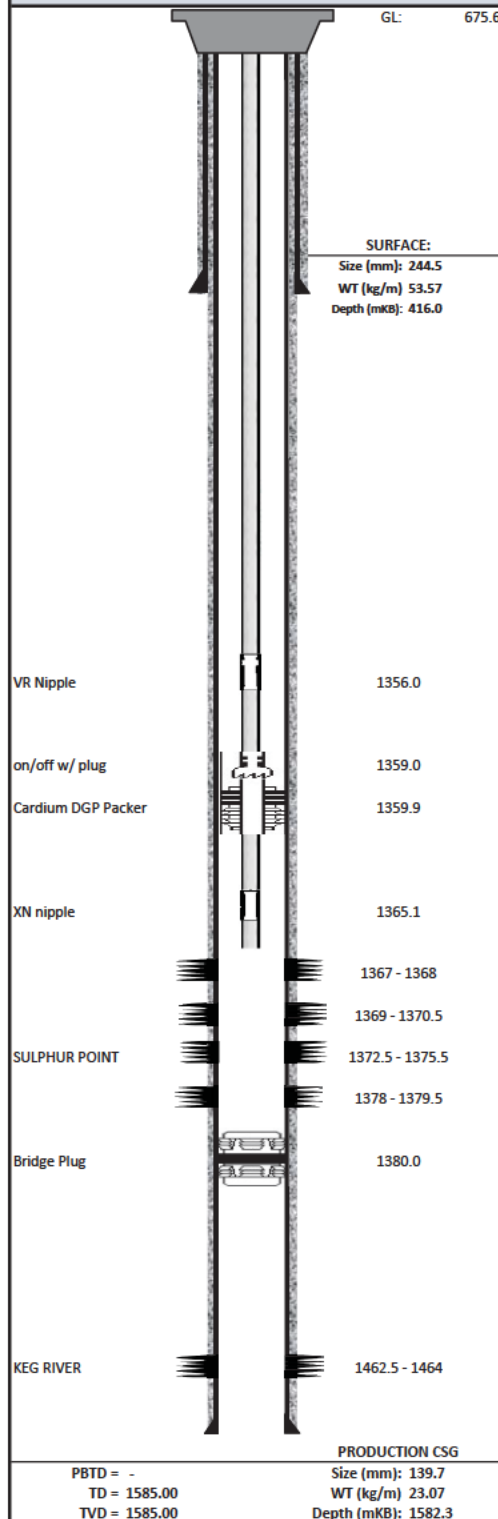
Elm Inc. Terms of Service:

1. The price estimate for this well is presented as a most probable cost based on similar repair operations and is to be used for AFE purposes only. This estimate is only as good as the information provided to Elm. Elm will co-ordinate and supervise the entire operation, pay all third party services and submit a final invoice based on actual costs incurred for equipment and services. Depending on the complexity of the abandonment, location and age of the well, Elm recommends adding 10-25% contingency to the estimates attached.
2. This estimate does not contain any lease clean up costs other than back filling around the wellhead after it has been cut off. If requested Elm's Reclamation Division will perform a site assessment that will be used to determine a cost estimate for surface reclamation. A preferential price to do the site assessment will be given if done in conjunction with the downhole abandonment.
3. Elm does not accept any liability for the well, lease, facility and or property it is working on. Elm acts as an independent consultant, providing mainly consulting and supervision services, with some specialized equipment included.
4. Elm will accept liability for the proper placement of bridge plugs and / or cement plugs that we set, however we do not accept liability for any unforeseen or unmentioned down hole problems. This would include failure of the casing to pressure test, collapsed casing, stuck pipe, tubing or rods, scale and or wax build up, surface casing vent flows, gas migration etc.
5. Elm does accept the responsibility of Prime Contractor for sites that have an agreement assigning the Prime Contractor Status.
6. The cost estimate included services and third party costs as listed, if other services are required they will be billed as per our cost schedule. The client will be informed of any costs to be incurred outside of this summary prior to the work being done. These services usually include: disposal costs, stuck and towing or cat work for access, rental and / or trucking of work strings, trucking of tubing, rods, and / or well heads, sour service, required safety equipment and extra charges associated working in hot or cold temperatures.

Elm's objective is to offer the safest and most efficient abandonment while saving the operator both time and money. We feel that by working with you on this project, we can achieve our goals and maintain the high level of professionalism that is reflected in the end product.



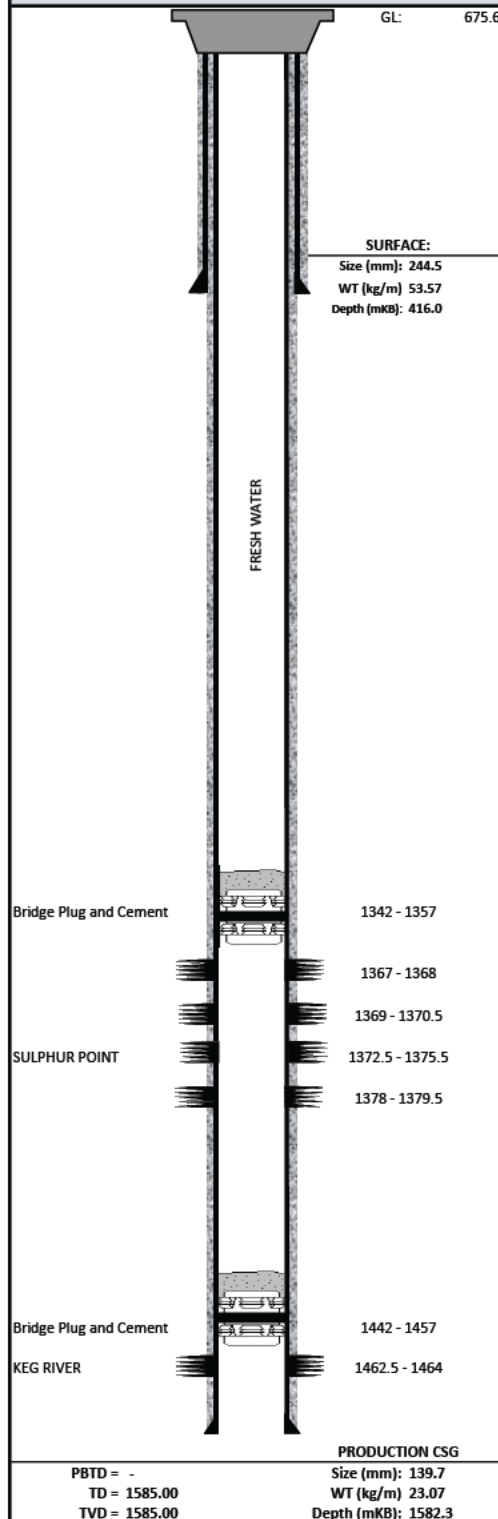
CURRENT WELL DIAGRAM



GENERAL DETAILS						REV #	1.0
WELL NAME: Strategic et al Cameron A-73			FIELD: Cameron Hills				
UWI: 300/A73 60-20N 117-30W			LICENSE: 1474				
SURFACE:			LATITUDE: 60.12.09		LONGITUDE: -117.43.33		
COMPANY: Strategic Oil And Gas Ltd			DRAWN BY: M. Ryan		DATE: 20 Dec 2022		
DEVIATION: Vertical		WELL STATUS: Abandoned					
ELEVATIONS & DEPTHS							
KB (mKB)	GL (m)	KB-SCF (m)	KB-GR (m)	BGWP (mKB)	PBTD (mKB)	TD (mKB)	TVD (mKB)
679.6	675.6		4.00	600.00		1585	1585
CASING STRINGS							
STRING	SIZE (mm)	WEIGHT (kg/m)	GRADE	CPLG	DRIFT I.D. (mm)	SHOE DEPTH (mKB)	
Surface:	244.5	53.57	J-55			416	
Intermediate:							
Production:	139.7	23.07	K-55			1582.3	
Liner:							
Open Hole:							
CEMENTING							
STRING	DETAIL			Returns (m ³)	Log Cmt Top (mKB)	Calc'd Top (mKB)	
Surface:	35 T 0-1-0 G + 2% CaCl2			3 CRET			
Production:	22 T 0-1-0 G + 0.8% NFL3 + 0.1% SPC12000 75 T 0-1-8 + 0.75 T10			NONE	400 CBL Mar 10, 1990		
COMPLETION DATA							
	DESCRIPTION	DEPTH (mKB)	STATUS				
	Keg River	1462.5 - 1464	Suspended				
	Cardium RNT Permanent BP	1380 (tagged 1377)					
	Sulphur Point	1378 - 1379.5	Suspended				
	Sulphur Point	1372.5 - 1375.5	Suspended				
	Sulphur Point	1369 - 1370.5	Suspended				
	Sulphur Point	1367 - 1368	Suspended				
In the event that the cement bond log indicates remedial cementing is necessary to protect ground water, appropriate intervals will be squeezed leaving additional perforations, cement retainers and cement plugs in the wellbore.							
	60.3mm Mule Show Re-entry	1365.64					
	0.38mm "XN" Profile w/ NoGo						
	30.4m x 60.3mm Pup XO to 73mm						
	2.04m 10K Cardium DGP packer				4daN comp		
	0.58m on/off w/ 47.63 'X' Profile	1359			plug in place		
	3.07m x 73mm Pup Joint						
	0.29m 2.25 VR Nipple 57mm prof						
	141 Joints 73mm Tubing						
	3 - 73mm Pup Joints						
	1 Joint 73mm Tubing						
LANDOWNER		LANDOWNER #		OCCUPANT		OCCUPANT #	
DIRECTIONS:				Sign Off			
REMARKS:							



PROPOSED WELL DIAGRAM



GENERAL DETAILS						REV #	1.0
WELL NAME: Strategic et al Cameron A-73			FIELD: Cameron Hills				
UWI: 300/A73 60-20N 117-30W			LICENSE: 1474				
SURFACE:			LATITUDE: 60.12.09		LONGITUDE: -117.43.33		
COMPANY: Strategic Oil And Gas Ltd			DRAWN BY: M. Ryan		DATE: 20 Dec 2022		
DEVIATION: Vertical		WELL STATUS: Abandoned					
ELEVATIONS & DEPTHS							
KB (mKB)	GL (m)	KB-SCF (m)	KB-GR (m)	BGWP (mKB)	PBTD (mKB)	TD (mKB)	TVD (mKB)
679.6	675.6		4.00	600.00		1585	1585
CASING STRINGS							
STRING	SIZE (mm)	WEIGHT (kg/m)	GRADE	CPLG	DRIFT I.D. (mm)	SHOE DEPTH (mKB)	
Surface:	244.5	53.57	J-55			416	
Intermediate:							
Production:	139.7	23.07	K-55			1582.3	
Liner:							
Open Hole:							
CEMENTING							
STRING	DETAIL			Returns (m ³)	Log Cmt Top (mKB)	Calc'd Top (mKB)	
Surface:	35 T 0-1-0 G + 2% CaCl2			3 CRET			
Production:	22 T 0-1-0 G + 0.8% NFL3 + 0.1% SPC12000 75 T 0-1-8 + 0.75 T10			NONE	400 CBL Mar 10, 1990		
COMPLETION DATA							
DESCRIPTION		DEPTH (mKB)		STATUS			
Keg River		1462.5 - 1464		Abandoned			
Bridge Plug and Cement		1442 - 1457					
Sulphur Point		1378 - 1379.5		Abandoned			
Sulphur Point		1372.5 - 1375.5		Abandoned			
Sulphur Point		1369 - 1370.5		Abandoned			
Sulphur Point		1367 - 1368		Abandoned			
Bridge Plug and Cement		1342 - 1357					
<p>In the event that the cement bond log indicates remedial cementing is necessary, appropriate intervals will be squeezed leaving additional perforations, cement retainers and cement plugs in the wellbore.</p>							
Bridge Plug and Cement		1342 - 1357					
SULPHUR POINT		1367 - 1368					
SULPHUR POINT		1369 - 1370.5					
SULPHUR POINT		1372.5 - 1375.5					
SULPHUR POINT		1378 - 1379.5					
Bridge Plug and Cement		1442 - 1457					
KEG RIVER		1462.5 - 1464					
LANDOWNER		LANDOWNER #		OCCUPANT		OCCUPANT #	
DIRECTIONS:				Sign Off			
PRODUCTION CSG		Size (mm): 139.7					
PBTD = -		WT (kg/m) 23.07					
TD = 1585.00		Depth (mKB): 1582.3					
TVD = 1585.00							
REMARKS:							