

September 11, 2023

Office of the Regulator of Oil & Gas Operations  
Government of the Northwest Territories  
PO Box 132  
Yellowknife NT X1A 2L9

**Attention: Ms. Pauline de Jong**  
Executive Director

**Cover Letter for Cut/Cap Operation as part of the Well Abandonment**  
**PARAMOUNT ET AL MCKAY LAKES O-80, ACW-2022-PAR-O-80-WID1866**

Please find attached for submission the required documents for Well Termination (Abandonment) of the 300/N-80/6020-12315/00 well, Licence # 1866

Attachments include:

1. Change of Well Status
2. Well Termination Record
3. Summary of Cut/Cap Well Operations
4. Cut/Cap Daily Reports
5. Picture of capped wellbore
6. Downhole Schematic

Non-Saline Water was placed in the wellbore as part of the suspension and no problems were encountered with this operation.

Respectively,



John Hawkins, P. Eng.  
Director Asset Management  
Paramount Resources Ltd.  
403-817-5074

## CHANGE OF WELL STATUS

This form must be filed with the Office of the Regulator of Oil and Gas Operations within 30 days of a change in well status.

### INSTRUCTIONS:

Send one electronic copy of this form by email to [orogo@gov.nt.ca](mailto:orogo@gov.nt.ca). If you wish to communicate with OROGO in hard copy, please do so using the courier address found at [www.orogo.gov.nt.ca](http://www.orogo.gov.nt.ca).

### WELL INFORMATION

Well Name	PARAMOUNT ET AL MCKAY LAKES O-80	Operator	Paramount Resources Ltd.
Well Identifier (WID)	1866	Unique Well Identifier (30xx...)	300/N-80/6020-12315/00

### STATUS INFORMATION

Effective Date: August 27, 2023

Well Type: Other

If other, specify:

Well Mode: Abandoned

If other, specify:

Other: Suspended Well

If other, specify:

Fluid Production: (choose all applicable)

Not applicable	<input type="checkbox"/>	Steam	<input type="checkbox"/>
Crude Oil	<input type="checkbox"/>	Air	<input type="checkbox"/>
Gas	<input checked="" type="checkbox"/>	Carbon Dioxide	<input type="checkbox"/>
Water	<input type="checkbox"/>	Nitrogen	<input type="checkbox"/>
Brine	<input type="checkbox"/>	Liquefied Petroleum Gas	<input type="checkbox"/>
Acid Gas	<input type="checkbox"/>	Bitumen	<input type="checkbox"/>
Solvent	<input type="checkbox"/>	Other	<input type="checkbox"/>

***"I certify that the information provided on this form is true and correct"***

Name John Hawkins

Phone (403) 817 - 5074

Title Director Asset Management

E-Mail [john.hawkins@paramountres.com](mailto:john.hawkins@paramountres.com)

Operator Paramount Resources Ltd.

Signature



Date September 11, 2023

Responsible Officer of Company

## WELL TERMINATION RECORD

**INSTRUCTIONS:**

1. Complete both pages.
2. Send one electronic copy of this form and supporting technical documentation by email to [orogo@gov.nt.ca](mailto:orogo@gov.nt.ca). If you wish to communicate with OROGO in hard copy, please do so using the courier address found at [www.orogo.gov.nt.ca](http://www.orogo.gov.nt.ca).

**WELL INFORMATION**

Well Name	PARAMOUNT ET AL MCKAY LAKES O-80	Operator	Paramount Resources Ltd.
Well Type	Other (if Other, specify Water Disposal Well)	Contractor	Precision Well Servicing
Well Identifier	1866	Current Well Status	Abandoned

**RELATED LICENCES AND AUTHORIZATIONS**

Operating Licence No.	NWT-OL-2014-014	Operations Authorization	OA - 2020-001- PAR
	Production Licence NWT-OL-2014-014		ACW - 2022- PAR-O-80-
PRA Licence No.	PL9	Approval to Alter Condition of Well	WID1866

**LOCATION INFORMATION**

**Coordinates**      Datum: NAD83 (if Other, please specify \_\_\_\_\_)

<i>Surface</i>	Lat	60 ° 1950 ' "	Long	123 ° 2908 ' "
<i>Bottom Hole</i>	Lat	60 ° 1950 ' "	Long	123 ° 2908 ' "

Region: Dehcho    Unit 0    Section    Grid - -

**ACTIVITY INFORMATION**

Target Formation(s)	Nahanni	Field/Pool(s)	Liard / West
Elevation KB/RT	300 m	Ground Level / Seafloor	292.3 m
Service Rig Start Date	July 3, 2023	Total Depth	1028.0 m KB
Service Rig Release Date	July 19, 2023	Total Vertical Depth	1028.0 m KB

**CASING AND CEMENTING PROGRAM**

O.D. (mm)	Weight (kg/m)	Grade	Setting Depth (m KB)	Cementing (m <sup>3</sup> )
224.0	54.0	K55	359.0	Not known
178.0	64.7	K55	503.0	Not known

**PLUGGING PROGRAM**

Type of Plug	Interval (m KB)	Felt	Setting Depth (m KB)	Cementing (m <sup>3</sup> )
Cement	473.3-1028.0	Yes		9.7
Select	-	Select		
Select	-	Select		
Select	-	Select		

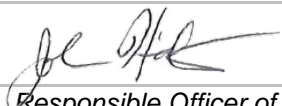
**PERFORATION**

Interval (m KB)	Comments
-	No Perforations
-	
-	
-	

**OTHER**

Lost Circulation/Overpressure Zones	No
Equipment Left on Site (Describe)	Wellhead/Tombstone Sign
Provision for Re-entry (Describe and attach sketch)	No
Other Downhole Completion/Suspension	Well was zonally abandoned in July, 2023
Additional Comments	

***"I certify that the information provided on this form is true and correct"***

Name	John Hawkins	Phone	(403) 817 - 5074
Title	Director Asset Management	E-Mail	john.hawkins@paramountres.com
Operator	Paramount Resources Ltd.		
Signature	 Responsible Officer of Company	Date	September 11, 2023

## ARO Daily Op Summary

**Well Name: PARAMOUNT ET AL MCKAY LAKES O-80**

Well Header					
API/UWI 300/N-80/6020-12315/00	Surface Legal Location N-80/6020-12315	Field Name	License # N1866	State/Province NorthWest Territories	Well Configuration Type Vertical
Ground Elevation (m) 292.30	Casing Flange Elevation (m)	KB-Ground Distance (m) 7.70	KB-Casing Flange Distance (m)	Spud Date 8/24/1999	Rig Release Date 9/8/1999

### Daily Operations

Start Date	Summary
7/3/2023	<p>HSE Summary: No incident, accidents, spills.</p> <p>Operations Summary: - Barge loader across Ft Laird river. Travel loader to site. Clear brush and willows on site for tank farm. - Haul to site and spot (2) 63 m³ rental tanks. Spot (1) fire suppression unit. - Perform 15 minute SCVF Bubble Test. No bubbles observed. - Function Wellhead Valves as: 1) Seaboard Master Valve (upper): 79.3 mm - 34.5 MPa 1) Seaboard Master Valve (lower): 79.3 mm - 34.5 MPa 1) Seaboard Tubing Wing Valve: 52 mm - 34.5 MPa 2) Barber Casing Valve, 52 mm - 34.5 MPa - Perform gas migration inspection of site. Drill and install Surface Solutions 25.4 mm x 0.25 m test tubes in ground around wellhead at 1.0 m spacing from well centre in N/S/W/E directions. Shut in valves and wait 30 minutes. Start and self calibrate Brogan GX-2012 (s/n GO47 ) Portable Continuous Methane Detector readings in ppm. Open valves and obtain surface readings ( ppm ) at 12:00 hrs at 26 °C. as follows: Distance from well. East. North. West. South 1.0 m 0.0 0.0 0.0 0.0 2.0 m 0.0 0.0 0.0 0.0 3.0 m 0.0 0.0 0.0 0.0 - Remove inspection tubes. - Secure site. - Job completed.</p>
7/4/2023	<p>HSE report - No accident, incidents, injury's or spills to report. Held a safety meeting and hazard assessment with all personnel on location, all safety concerns were discussed. Discussed the ERP procedures for this location. Discussed daily operations and job procedures. Performed walk around lease inspection.</p> <p>Arrive at location, conducted lease walk around. Level ground in front of wellhead with Beaver Enterprise loader, clear away remaining brush and willows. SDFN.</p> <p>06:00 - WOD.</p>
7/14/2023	<p>HSE report - No accident, incidents, injury's or spills to report. Held a safety meeting and hazard assessment with all personnel on location, all safety concerns were discussed. Discussed the ERP procedures for this location. Discussed daily operations and job procedures. Performed walk around lease inspection.</p> <p>Barge across Ft Laird river, pipe rack and hydraulic pipe rack, 60 m3 Skyline P-Tank via Garry Wilson Trucking and 3M Oilfield Hauling, PWS Rig # 829 Service rig and auxiliary equipment, Ketek Rental equipment, Air Trailer, Medic unit, and 60.3 mm 6.99 kg/m J-55 tubing. Spot rig matting and catwalk/pipe racks with loader. Rig in PWS # 829 Service rig, auxiliary equipment, and P-Tank according to OROGO regulations. Rig in accumulator, pump and testers lines. SDFN.</p> <p>06:00 - WOD.</p>
7/15/2023	<p>HSE report - No accident, incidents, injury's or spills to report. Held a safety meeting and hazard assessment with all personnel on location, all safety concerns were discussed. Discussed the ERP procedures for this location. Discussed daily operations and job procedures. Performed walk around lease inspection.</p> <p>Stump tested the Class III - 5 K BOPs, removed wellhead and installed BOPs'. Rig in Reliance Slickline. Run in hole with a 72.6 mm Gauge ring down to 21.0 mKB, cannot get down, pull out of hole. Run in hole with a 69.1 mm gauge ring down to top of WR plug at 55.0 mKB, pull out of hole. Run in hole with a 68.2 mm impression block down to top of plug at 55.0 mKB, hit down once and pull out of hole, impression shows a circle on top of a fish neck. Make up and run in hole with a 2" "JDC" retrieving tool down to 55.0 mKB, jar down 25 times to latch onto WR but cannot, pull out of hole. Make up and run in hole with a 2.5" "JDC" down to 55.0 mKB to try and latch onto WR, cannot get latched, pull out of hole. Make up and run in hole with stroke bailer down to top of plug at 55.0 mKB, stoke 15 times and pull out of hole, bailer has small amount of rust in it. Run in hole with a 2" "JDC" retrieving tool down to 55.0 mKB, jar down 25 times to latch onto WR but cannot, pull out of hole. Run in hole with a 3" "JUC" pulling to latch on to top of WR plug, cannot get latched, pull out of the hole with slickline. Run in hole with a 2 " 6 finger grab and latch onto WR plug, pull up to 800 lbs and fir jars, weight dropped to 300 lbs, pull out of hole, plug at surface. Run in hole with a 2.5" "JUC and latch onto prong at 493.0 mKB, pressure up to 5 MPa, jar up and release prong, pull out of hole, prong at surface. Run in hole with a 2.5" "GS" pulling tool, latch Otis plug body, jar up to release plug, pull out of hole, plug at surface. Secure well. Rig down and release slickline. SDFN.</p> <p>06:00 - WOD.</p>



## ARO Daily Op Summary

**Well Name: PARAMOUNT ET AL MCKAY LAKES O-80**

Well Header					
API/UWI 300/N-80/6020-12315/00	Surface Legal Location N-80/6020-12315	Field Name	License # N1866	State/Province NorthWest Territories	Well Configuration Type Vertical
Ground Elevation (m) 292.30	Casing Flange Elevation (m)	KB-Ground Distance (m) 7.70	KB-Casing Flange Distance (m)	Spud Date 8/24/1999	Rig Release Date 9/8/1999

Daily Operations	
Start Date	Summary
7/16/2023	<p>HSE report - No accident, incidents, injury's or spills to report. Held a safety meeting and hazard assessment with all personnel on location, all safety concerns were discussed. Discussed the ERP procedures for this location. Discussed daily operations and job procedures. Performed walk around lease inspection.</p> <p>Check SITP = 132 kPa. Release Guiberson packer. Reverse circulate well over with 10 m3 of fresh water. Pull out of the hole with the 88.9 mm 13.69 kg/m J-55 TK-99 coated tubing and lay out on pipe racks. Make up and run in hole with the 60.3 mm 6.99 kg/m L-80 tubing string down 901.57 mKB, set 1 daN weight down, cannot go any further, fill encountered, rig in pack off head to circulate, Reverse circulate at 0.500 L/Min at 5 MPa, pumped 6 m3 to break circulation back to test vessel, check for H2S and LEL's, none present. Attempt to lower string while circulating but taking weight, string weight is 5.5 dec's, put all string weight on fill, pull back up and pull 1 dec over to pull free, make several attempts to go down into fill but cannot, continue to circulate well over to fresh water at 0.500 L/min at 5 MPa and returning 0.03 L/min back at test vessel, pumped 26 m3 and shut down pump. Rig down circulating equipment, pull 4 joints and tubing draining slow, tie in circulating line and pump 2 m3 of water down tubing, did not see any pressure while pumping. Pull 42 joints of 60.3 mm tubing putting tubing bottom at 500.96 mKB. Secure well. SDFN.</p> <p>06:00 - WOD.</p>
7/17/2023	<p>HSE report - No accident, incidents, injury's or spills to report. Held a safety meeting and hazard assessment with all personnel on location, all safety concerns were discussed. Discussed the ERP procedures for this location. Discussed daily operations and job procedures. Performed walk around lease inspection.</p> <p>Check pressures, SITP = 0 kPa, SICP = 0 kPa. Run in hole with 42 joints of 60.3 mm tubing, tag fill again 1 m in on joint # 95 at 901.57 mKB, pull up and park EOT at 900.57 mKB. Rig in circulating lines to try and establish circulation down annulus and up tubing, pump at 0.500 L/Min at 5 MPa, pump 30 m3 of fluid but could regain circulation, shut down pump. Spot and rig in Charger C &amp; A unit, Cement Bulker, and Troyer Vacuum Truck according OROGO and Paramount's guidelines. Break circulation with 1 m3 of fresh water back to test vessel, shut in and pressure test surface lines to 14 MPa for 10 minutes, good. With tubing bottom at 900.57 mKB, pump job as follows, pump 1 m3 of fresh water followed with 8.5 m3 (9.7 tonnes) of Charger SQ-100 cement slurry + additives @ 1800 kg/m3 at 0.300 L/Min and balanced it with 1 m3 of fresh water while maintaining 2 MPa on the backside while spotting cement plug, good, bleed off pressure, pull out of the hole slowly with 23 joints of 60.3 mm tubing and park at 681.24 mKB. With tubing bottom at 681.24 mKB, pump job as follows, pump 8.5 m3 (8.7 tonnes) of Charger SQ-150 cement slurry + additives @ 1700 kg/m3 downhole at 0.300 L/Min and balanced it with 0.700 m3 of fresh water while maintaining 2 MPa on the backside while spotting cement plug, good, bleed off pressure, pull out of the hole slowly with 24 joints of 60.3 mm tubing and park at 453.20 mKB. With rig pump reverse circulate the well and backwash the tubing clean with 5 m3 of fresh water, estimated cement top at ~461.76 mKB. Pull an additional 5 joints putting EOT at 405.40 mKB, close and lock pipe rams, secure well. SDFN.</p> <p>06:00 - WOD.</p>
7/18/2023	<p>HSE report - No accident, incidents, injury's or spills to report. Held a safety meeting and hazard assessment with all personnel on location, all safety concerns were discussed. Discussed the ERP procedures for this location. Discussed daily operations and job procedures. Performed walk around lease inspection.</p> <p>Check pressures, SITP = Vacuum, SICP = Vacuum. Lower tubing string to tag cement top, tag hard 8.5 m in on joint # 53 at 509.4 mKB, 6.4 m below intermediate casing shoe. Rig in Charger C &amp; A unit, Cement Bulker, and Troyer Vacuum Truck according OROGO and Paramount's guidelines. Break circulation with 1 m3 of fresh water back to rig tank, shut in and pressure test surface lines to 14 MPa for 10 minutes, good. With tubing bottom at 508.4 mKB, pump job as follows, pump 1 m3 of fresh water followed with 1.2 m3 (0.87 tonnes) of Charger SQ-150 cement slurry + additives @ 1800 kg/m3 at 0.300 L/Min and balanced it with 0.700 m3 of fresh water while maintaining 2 MPa on the backside while spotting cement plug, good, bleed off pressure, pull out of the hole slowly with 5 joints of 60.3 mm tubing and park at 444.6 mKB. With rig pump reverse circulate the well and backwash the tubing clean with 10 m3 of fresh water, estimated cement top at ~449.4 mKB. Pull an additional 5 joints putting EOT at 405.4 mKB, close and lock pipe rams, secure well. Rig down Charger C &amp; A unit and associated equipment. SDFN.</p> <p>06:00 - WOD.</p>
7/19/2023	<p>HSE report - No accident, incidents, injury's or spills to report. Held a safety meeting and hazard assessment with all personnel on location, all safety concerns were discussed. Discussed the ERP procedures for this location. Discussed daily operations and job procedures. Performed walk around lease inspection.</p> <p>Check pressures, SITP = Vacuum, SICP = Vacuum. Lower tubing string to tag cement top, tag hard 1 m in on joint # 50 at 473.31 mKB, set 2 daN's string weight on cement. Pressure test wellbore to 7 MPa for 10 minutes, solid test, bleed off pressure. Pull out of the hole with 50 joints of 60.3 mm 6.99 kg/m L-80 tubing and lay out on pipe racks. Rig in Reliance Wireline according to OROGO and PRL guidelines. Make up and run in hole with logging tools, conduct a Radial CBL-VDL-GR-CCL log c/w high speed overview on the way in, tag at 461.7 mKB and log up at 30 m/min to surface, apparent cement top at 145.0 mKB, surface casing shoe at 359.0 mKB, BGWP - 600 m (Default). Rig down and release Reliance Wireline. Send logs into Calgary office. Rig out tongs, slips, hand rails, and work floor. Remove the Class III - 5 K BOP's and install wellhead. Rig out PWS # 829 Service Rig and Auxiliary equipment and move up to K-29 location. Conduct lease walk around to ensure all garbage and debris are picked up. Job Complete.</p> <p>06:00 - WOD.</p>



## ARO Daily Op Summary

**Well Name: PARAMOUNT ET AL MCKAY LAKES O-80**

Well Header					
API/UWI 300/N-80/6020-12315/00	Surface Legal Location N-80/6020-12315	Field Name	License # N1866	State/Province NorthWest Territories	Well Configuration Type Vertical
Ground Elevation (m) 292.30	Casing Flange Elevation (m)	KB-Ground Distance (m) 7.70	KB-Casing Flange Distance (m)	Spud Date 8/24/1999	Rig Release Date 9/8/1999

### Daily Operations

Start Date	Summary
8/27/2023	<p>HSE Summary: No incident, accidents, or spills.</p> <p>Operations Summary:</p> <ul style="list-style-type: none"> <li>- No visible bubbles around wellhead. Swept area and around wellhead for LEL. None detected. Test Production Casing and Surface Casing for LEL. None detected.</li> <li>- Confirm no existence of underground lines near well centre. Abandoned pipe line 1.4 m North of well center.</li> <li>- Track hoe dig bell hole around wellhead to depth of 4.0 m. Ensure proper slopping, stairway exit and spoil pile spacing from bell hole.</li> <li>- Cut away 3.3 m ( 11.0 mKB ) of 720 mm / 508 mm conductors. Cement between conductor and surface casing. Cut window in 244.5 mm Surface Casing and 177.8 mm Production Casing.</li> <li>- No cement between Surface Casing and Production Casing. Cut 177.8 mm Production Casing, 3.1 m ( 10.8 mKB) and Surface Casing at 3.2 m ( 10.9 mKB) depth below surface casing flange.</li> <li>- Remove wellhead from bell hole. Stitch (vent) weld 6.3 mm plate on top of Production Casing and Surface Casing. Weld write N-80 / N1866 on 177.8 mm Production Casing cap.</li> <li>- Back fill and tamp bell hole. Level and slop bell hole.</li> <li>- Install (orange)Tombstone Surface Marker onto 73 mm pipe. Pipe is anchored and located 1.0 m x North of well centre. Weld write on tombstone marker N1866 + Paramount Res Ltd + 60° 19' 50.196" N + 123° 29' 8.808" W + NAD 83</li> <li>- Job completed.</li> </ul> <p>** Final costs to be adjusted when received**</p>



## Daily ARO Operations

**Well: PARAMOUNT ET AL MCKAY LAKES O-80**  
**Pad: N-80/6020-12315**  
**Business Unit: Central and Other**  
**Rig: Precision Well Servicing 829**

**Report Date: 7/3/2023**  
**Report #: 1**

API/UWI 300/N-80/6020-12315/00		Surface Legal Location N-80/6020-12315		Field Name		State/Province NorthWest Territories		Working Interest (%) 68.64		License # N1866	
Original KB Elevation (m) 300.00		Ground Elevation (m) 292.30		Casing Flange Elevation (m)		Tubing Head Elevation (m)		Well Configuration Type Vertical			
KB-Ground Distance (m) 7.70		KB-Tubing Head Distance (m)		Total Depth (mKB) 1,028.00		PBDT (All) (mKB)					
<b>Casing Strings</b>											
Csg Des	Run Date	Set Depth (mKB)	Top (mKB)	Len (m)	OD (mm)	ID (mm)	Wt/Len (kg/m)	Grade	Top Thread		
Conductor	8/24/1999	18.00	7.70	10.30	508.0		79.000				
Surface	8/30/1999	359.00	7.70	351.30	224.0		54.000	H-40			
Liner	9/8/1999	503.00	7.70	495.30	177.8	161.8	34.228	J-55			
Open Hole	9/8/1999	1,028.00	503.00	525.00	222.3						
<b>Zones / Event Sequence</b>											
Zone Name		Zone Code					Current Status				
<b>Job Information / AFE</b>											
Objective Well Abandonment. Program will commence after access and camp are prepared. It is expected that 7 wells will be abandoned and costs will be shared where possible.											
Target Formation Flett											
<b>Daily Pressures</b>											
Subtype					P (kPa)						
<b>Operation Summary</b>											
Operations Next Report Period Haul in non-saline fresh water for service rig operations.											
Operation at 6am Wait on daylight.											
<b>24 Hr Operational Comments</b>											
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Time Code	Ops Category	NPT	Operation Details				
00:00	06:00	6.00	6.00	WOD	PP		Wait on daylight.				
06:00	06:15	0.25	6.25	Safety Mtg	PP		Held safety and operational meeting. Discuss water way transportation hazards and controls. Ensure all contractor wearing life vest.				
06:15	07:45	1.50	7.75	WOW	PP		Heavy fog conditions on Ft Laird river. Unable to cross river until able to see far bank clearly.				
07:45	08:30	0.75	8.50	TTLY	PP		All personal cross river via jet boat. Travel to site.				
08:30	08:45	0.25	8.75	Safety Mtg	PP		Held safety and operational meeting. Review contractor and PRL JSA for operations and hazards for travel and unloading equipment. Discuss Injured Worker Transportation Plan and ERP. QWEST # QW421				





## Daily ARO Operations

**Well: PARAMOUNT ET AL MCKAY LAKES O-80**  
**Pad: N-80/6020-12315**  
**Business Unit: Central and Other**  
**Rig: Precision Well Servicing 829**

**Report Date: 7/3/2023**  
**Report #: 1**

API/UWI 300/N-80/6020-12315/00	Surface Legal Location N-80/6020-12315	Field Name	State/Province NorthWest Territories	Working Interest (%) 68.64	License # N1866
Original KB Elevation (m) 300.00	Ground Elevation (m) 292.30	Casing Flange Elevation (m)	Tubing Head Elevation (m)	Well Configuration Type Vertical	
KB-Ground Distance (m) 7.70	KB-Tubing Head Distance (m)	Total Depth (mKB) 1,028.00	PBTD (All) (mKB)		

### 24 Hr Operational Comments

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Time Code	Ops Category	NPT	Operation Details																				
08:45	14:30	5.75	14.50	RU/RD	PP		<p>Barge loader across Ft Laird river. Travel loader to site. Clear brush and willows on site for tank farm.</p> <p>Haul to site and spot (2) 63 m³ rental tanks. Spot (1) fire suppression unit.</p> <p>Perform 15 minute SCVF Bubble Test. No bubbles observed.</p> <p>Function Wellhead Valves as:</p> <p>1) Seaboard Master Valve (upper): 79.3 mm - 34.5 MPa</p> <p>1) Seaboard Master Valve (lower): 79.3 mm - 34.5 MPa</p> <p>1) Seaboard Tubing Wing Valve: 52 mm - 34.5 MPa</p> <p>2) Barber Casing Valve, 52 mm - 34.5 MPa</p> <p>Drill and install Surface Solutions 25.4 mm x 0.25 m test tubes in ground around wellhead at 1.0 m spacing from well centre in N/S/W/E directions. Shut in valves and wait 30 minutes.</p> <p>Start and self calibrate Brogan GX-2012 (s/n GO47 ) Portable Continuous Methane Detector readings in ppm. Open valves and obtain surface readings ( ppm ) at 12:00 hrs at 26 °C. as follows:</p> <table><tr><td>Distance form well.</td><td>East.</td><td>North.</td><td>West.</td><td>South</td></tr><tr><td>1.0 m</td><td>0.0</td><td>0.0</td><td>0.0</td><td>0.0</td></tr><tr><td>2.0 m</td><td>0.0</td><td>0.0</td><td>0.0</td><td>0.0</td></tr><tr><td>3.0 m</td><td>0.0</td><td>0.0</td><td>0.0</td><td>0.0</td></tr></table> <p>Remove inspection tubes.</p> <p>Secure site.</p> <p>Job completed.</p>	Distance form well.	East.	North.	West.	South	1.0 m	0.0	0.0	0.0	0.0	2.0 m	0.0	0.0	0.0	0.0	3.0 m	0.0	0.0	0.0	0.0
Distance form well.	East.	North.	West.	South																							
1.0 m	0.0	0.0	0.0	0.0																							
2.0 m	0.0	0.0	0.0	0.0																							
3.0 m	0.0	0.0	0.0	0.0																							
14:30	00:00	9.50	24.00	WOD	PP		Wait on daylight.																				

### 6:00 Update

Start Time	End Time	Dur (hr)	Time Code	Ops Category	NPT	Operation Details
00:00	15:00	15.00		PN		Wait on daylight.

### Other In Hole

Des	Icon	OD (mm)	Top Depth (mKB)	Btm (mKB)	Run Date
Fresh Water (Permanent)		158.5	11.20	473.31	7/16/2023 00:00
Glacier Tile		508.0	7.70	10.90	8/27/2023 17:00
Steel Plate		158.5	10.90	10.95	8/27/2023 17:00

### Other In Hole - Pulled

Des	OD (mm)	Top Depth (mKB)	Btm (mKB)	Mill/Pull Date	Pull Reason
Bridge Plug - Thru-Tubing	75.9	55.00	55.40	7/16/2023	
Plug	75.9	493.05	493.15	7/16/2023	

### Bill 30 Requirements (Head Count Only)

Type	Count
Day Shift	4
Safety	4

### Contractor Hours (Head Count & Hours)

Type	Count	Reg Work Time (hr)

### Flaring Volumes

Type	Subtype	Des	Amount	Units
		No Gas Flared		

### Weather & Road Condition

Weather	T (°C)	Road Cond
Clear	26	Good



## Daily ARO Operations

**Well: PARAMOUNT ET AL MCKAY LAKES O-80**  
**Pad: N-80/6020-12315**  
**Business Unit: Central and Other**  
**Rig: Precision Well Servicing 829**

**Report Date: 7/4/2023**  
**Report #: 2**

API/UWI 300/N-80/6020-12315/00		Surface Legal Location N-80/6020-12315		Field Name		State/Province NorthWest Territories		Working Interest (%) 68.64		License # N1866	
Original KB Elevation (m) 300.00		Ground Elevation (m) 292.30		Casing Flange Elevation (m)		Tubing Head Elevation (m)		Well Configuration Type Vertical			
KB-Ground Distance (m) 7.70		KB-Tubing Head Distance (m)		Total Depth (mKB) 1,028.00		PBTD (All) (mKB)					
<b>Casing Strings</b>											
Csg Des	Run Date	Set Depth (mKB)	Top (mKB)	Len (m)	OD (mm)	ID (mm)	Wt/Len (kg/m)	Grade	Top Thread		
Conductor	8/24/1999	18.00	7.70	10.30	508.0		79.000				
Surface	8/30/1999	359.00	7.70	351.30	224.0		54.000	H-40			
Liner	9/8/1999	503.00	7.70	495.30	177.8	161.8	34.228	J-55			
Open Hole	9/8/1999	1,028.00	503.00	525.00	222.3						
<b>Zones / Event Sequence</b>											
Zone Name		Zone Code					Current Status				
<b>Job Information / AFE</b>											
Objective Well Abandonment. Program will commence after access and camp are prepared. It is expected that 7 wells will be abandoned and costs will be shared where possible.											
Target Formation Flett											
<b>Daily Pressures</b>											
Subtype						P (kPa)					
<b>Operation Summary</b>											
Operations Next Report Period Barge over from staging area PWS # 829 Service Rig and auxiliary equipment on Friday the 14th. Move to location and spot equipment.											
Operation at 6am WOD											
<b>24 Hr Operational Comments</b>											
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Time Code	Ops Category	NPT	Operation Details				
00:00	15:00	15.00	15.00	WOD	PN		Wait on daylight.				
15:00	15:30	0.50	15.50	SMTG	PP		Issued permit to work to Beaver Enterprise loader operator. Hold safety & Operational meeting with loader operator, discuss working in close proximity to wellhead.				
15:30	16:30	1.00	16.50	Job Prep	PP		Level ground in front of wellhead with Beaver Enterprise loader, clear away remaining brush and willows. SDFN.				
16:30	00:00	7.50	24.00	WOD	PN		Wait on daylight.				
<b>Other In Hole</b>											
Des		Icon	OD (mm)	Top Depth (mKB)	Btm (mKB)	Run Date					
Fresh Water (Permanent)			158.5	11.20	473.31	7/16/2023 00:00					
Glacier Tile			508.0	7.70	10.90	8/27/2023 17:00					
Steel Plate			158.5	10.90	10.95	8/27/2023 17:00					
<b>Other In Hole - Pulled</b>											
Des		OD (mm)	Top Depth (mKB)	Btm (mKB)	Mill/Pull Date	Pull Reason					
Bridge Plug - Thru-Tubing		75.9	55.00	55.40	7/16/2023						
Plug		75.9	493.05	493.15	7/16/2023						
<b>Bill 30 Requirements (Head Count Only)</b>											
Type						Count					
Day Shift						2					
Safety						2					
<b>Contractor Hours (Head Count &amp; Hours)</b>											
Type						Count		Reg Work Time (hr)			
<b>Flaring Volumes</b>											
Type	Subtype	Des		Amount		Units					
		No Gas Flared									
<b>Weather &amp; Road Condition</b>											
Weather				T (°C)		Road Cond					
Smoke				25		Good					

## Daily ARO Operations

**Well: PARAMOUNT ET AL MCKAY LAKES O-80**  
**Pad: N-80/6020-12315**  
**Business Unit: Central and Other**  
**Rig: Precision Well Servicing 829**

**Report Date: 7/14/2023**  
**Report #: 3**

API/UWI 300/N-80/6020-12315/00		Surface Legal Location N-80/6020-12315		Field Name		State/Province NorthWest Territories		Working Interest (%) 68.64		License # N1866	
Original KB Elevation (m) 300.00		Ground Elevation (m) 292.30		Casing Flange Elevation (m)		Tubing Head Elevation (m)		Well Configuration Type Vertical			
KB-Ground Distance (m) 7.70		KB-Tubing Head Distance (m)		Total Depth (mKB) 1,028.00		PBTD (All) (mKB)					

Casing Strings									
Csg Des	Run Date	Set Depth (mKB)	Top (mKB)	Len (m)	OD (mm)	ID (mm)	Wt/Len (kg/m)	Grade	Top Thread
Conductor	8/24/1999	18.00	7.70	10.30	508.0		79.000		
Surface	8/30/1999	359.00	7.70	351.30	224.0		54.000	H-40	
Liner	9/8/1999	503.00	7.70	495.30	177.8	161.8	34.228	J-55	
Open Hole	9/8/1999	1,028.00	503.00	525.00	222.3				

Zones / Event Sequence		
Zone Name	Zone Code	Current Status




Job Information / AFE	
Objective Well Abandonment. Program will commence after access and camp are prepared. It is expected that 7 wells will be abandoned and costs will be shared where possible.	
Target Formation Flett	

Daily Pressures	
Subtype	P (kPa)
SICP	0
SITP	0

Operation Summary	
Operations Next Report Period Stump test the Class III - 5 K BOP's.	
Operation at 6am WOD	

24 Hr Operational Comments							
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Time Code	Ops Category	NPT	Operation Details
00:00	08:00	8.00	8.00	WOD	PN		Wait on daylight.
08:00	08:30	0.50	8.50	Safety Mtg	PP		Held safety and operational meeting. Discuss water way transportation hazards and controls. Ensure all contractor wearing life vest. Discuss Injured Worker Transportation Plan and ERP, QWEST # QW-423
08:30	18:00	9.50	18.00	RU/RD	PP		Barge across Ft Laird river Garry Wilson & 3M Oilfield Hauling with Skyline P-Tank, pipe racks and hydraulic pipe rack. PWS # 829 Service Rig and auxiliary equipment. Travel all equipment to the 0-80 location. Hold safety & Operational meeting with all personnel. Reviewed & discussed the following items, daily job objectives, proper procedures & safe-work measures for spotting equipment, potential hazards, related controls, JSA's, roles & responsibilities of crew members, D-33 plan & the ERP. Ensured that everyone understood the task at hand & the scope of today's work. Issue permit to work to Precision Well Servicing. Spot rig matting and catwalk/pipe racks with loader. Rig in PWS # 829 Service rig and auxiliary equipment according to OROGO regulations. Rig in accumulator, pump and testers lines. SDFN.
18:00	00:00	6.00	24.00	WOD	PN		Wait on daylight.

6:00 Update						
Start Time	End Time	Dur (hr)	Time Code	Ops Category	NPT	Operation Details
00:00	07:30	7.50			PN	Wait on daylight.

Other In Hole					
Des	Icon	OD (mm)	Top Depth (mKB)	Btm (mKB)	Run Date
Fresh Water (Permanent)		158.5	11.20	473.31	7/16/2023 00:00
Glacier Tile		508.0	7.70	10.90	8/27/2023 17:00
Steel Plate		158.5	10.90	10.95	8/27/2023 17:00

Other In Hole - Pulled					
Des	OD (mm)	Top Depth (mKB)	Btm (mKB)	Mill/Pull Date	Pull Reason
Bridge Plug - Thru-Tubing	75.9	55.00	55.40	7/16/2023	
Plug	75.9	493.05	493.15	7/16/2023	

Bill 30 Requirements (Head Count Only)	
Type	Count
Day Shift	11



## Daily ARO Operations

Well: PARAMOUNT ET AL MCKAY LAKES O-80  
 Pad: N-80/6020-12315  
 Business Unit: Central and Other  
 Rig: Precision Well Servicing 829

Report Date: 7/14/2023  
 Report #: 3

API/UWI 300/N-80/6020-12315/00		Surface Legal Location N-80/6020-12315		Field Name		State/Province NorthWest Territories		Working Interest (%) 68.64		License # N1866					
Original KB Elevation (m) 300.00		Ground Elevation (m) 292.30		Casing Flange Elevation (m)		Tubing Head Elevation (m)		Well Configuration Type Vertical							
KB-Ground Distance (m) 7.70		KB-Tubing Head Distance (m)		Total Depth (mKB) 1,028.00		PBTD (All) (mKB)									
<b>Contractor Hours (Head Count &amp; Hours)</b>															
Type						Count		Reg Work Time (hr)							
<b>Flaring Volumes</b>															
Type		Subtype		Des		Amount		Units							
				No Gas Flared											
<b>Report Fluids Summary</b>															
Fluid		Cum to Lease (m³)		Cum fm lease (m³)		Lease Bal (m³)		Cum to Well (m³)		Cum from Well (m³)		Left to recover (m³)		Cum Non-recov (m³)	
Water		60.00		0.00		60.00									
<b>Weather &amp; Road Condition</b>															
Weather				T (°C)				Road Cond							
Clear				30				Fair							

## Daily ARO Operations

**Well: PARAMOUNT ET AL MCKAY LAKES O-80**  
**Pad: N-80/6020-12315**  
**Business Unit: Central and Other**  
**Rig: Precision Well Servicing 829**




**Report Date: 7/15/2023**  
**Report #: 4**

API/UWI 300/N-80/6020-12315/00		Surface Legal Location N-80/6020-12315		Field Name		State/Province NorthWest Territories		Working Interest (%) 68.64		License # N1866	
Original KB Elevation (m) 300.00		Ground Elevation (m) 292.30		Casing Flange Elevation (m)		Tubing Head Elevation (m)		Well Configuration Type Vertical			
KB-Ground Distance (m) 7.70		KB-Tubing Head Distance (m)		Total Depth (mKB) 1,028.00		PBDT (All) (mKB)					
<b>Casing Strings</b>											
Csg Des	Run Date	Set Depth (mKB)	Top (mKB)	Len (m)	OD (mm)	ID (mm)	Wt/Len (kg/m)	Grade	Top Thread		
Conductor	8/24/1999	18.00	7.70	10.30	508.0		79.000				
Surface	8/30/1999	359.00	7.70	351.30	224.0		54.000	H-40			
Liner	9/8/1999	503.00	7.70	495.30	177.8	161.8	34.228	J-55			
Open Hole	9/8/1999	1,028.00	503.00	525.00	222.3						
<b>Zones / Event Sequence</b>											
Zone Name		Zone Code					Current Status				
<b>Job Information / AFE</b>											
Objective Well Abandonment. Program will commence after access and camp are prepared. It is expected that 7 wells will be abandoned and costs will be shared where possible.											
Target Formation Flett											
<b>Daily Pressures</b>											
Subtype						P (kPa)					
SICP						0					
SITP						0					
<b>Operation Summary</b>											
Operations Next Report Period Check tubing pressure, if necessary, kill well, unset packer and pull out of the hole with the 88.9 mm tubing and lay out on pipe racks.											
Operation at 6am WOD											
<b>24 Hr Operational Comments</b>											
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Time Code	Ops Category	NPT	Operation Details				
00:00	07:30	7.50	7.50	WOD	PN		Wait on daylight.				
07:30	08:00	0.50	8.00	SMTG	PP		Hold safety & Operational meeting with all personnel. Reviewed & discussed the following items, daily job objectives, proper procedures & safe-work measures for slicklining operations, potential hazards, related controls, JSA's, roles & responsibilities of crew members, D-33 plan & the ERP. Ensured that everyone understood the task at hand & the scope of today's work.				
08:00	09:00	1.00	9.00	BOPT	PP		Check precharge pressures on N2 bottles, 1) 7000 kPa 2) 7000 kPa 3) 7000 kPa 4) 7000 kPa 5) 7000 kPa 6) 7000 kPa  N2 Back-up Pressure 15500, 15500 & 15500 kPa. Accumulator start pressure, 16500 kPa. 1st function - 15500 kPa - Blind Rams - Close - 3 seconds. 2nd function - 14500 kPa - Pipe Rams - Close - 3 seconds. 3rd function - 12500 kPa - Annulur - Close - 25 seconds.  Stump test the Class III - 5 K BOP ram preventors to a low of 1 MPa and to a high of 21 MPa for 10 minutes each, good, pressure test the annular to 7 MPa for 10 minutes, good.				
09:00	13:00	4.00	13.00	BOPI	PP		Check pressures, SITP = 0 kPa, SICP = 0 kPa. Remove studs and nuts from top section, remove wellhead, install pup joint c/w safety valve. Install the stump tested BOP's ensuring ring grooves are dry and clean, tighten down in sequence. Pressure test rams and seals to a low of 1 MPa and to a high for 21 MPa for 10 minutes, good test. Rig in work floor, handrails, stairs, tongs, and air slips.  Note: Nuts on wellhead were extremely corroded and took alot of time getting off, 2 of the 6 lag screws were also corroded and had difficulty releasing.				

## Daily ARO Operations

**Well: PARAMOUNT ET AL MCKAY LAKES O-80**  
**Pad: N-80/6020-12315**  
**Business Unit: Central and Other**  
**Rig: Precision Well Servicing 829**

**Report Date: 7/15/2023**  
**Report #: 4**

API/UWI 300/N-80/6020-12315/00		Surface Legal Location N-80/6020-12315		Field Name		State/Province NorthWest Territories		Working Interest (%) 68.64		License # N1866	
Original KB Elevation (m) 300.00		Ground Elevation (m) 292.30		Casing Flange Elevation (m)		Tubing Head Elevation (m)		Well Configuration Type Vertical			
KB-Ground Distance (m) 7.70		KB-Tubing Head Distance (m)		Total Depth (mKB) 1,028.00		PBTD (All) (mKB)					
<b>24 Hr Operational Comments</b>											
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Time Code	Ops Category	NPT	Operation Details				
13:00	18:30	5.50	18.50	SLine	PP		Rig in Reliance Slickline according to OROGO regulations. Make up and run in hole with a 72.6 mm Gauge ring down to 21.0 mKB, cannot get down, pull out of hole. Run in hole with a 69.1 mm gauge ring down to top of WR plug at 55.0 mKB, pull out of hole. Run in hole with a 68.2 mm impression block down to top of plug at 55.0 mKB, hit down once and pull out of hole, impression shows a circle on top of a fish neck. Make up and run in hole with a 2" "JDC" retrieving tool down to 55.0 mKB, jar down 25 times to latch onto prong but cannot, pull out of hole. Make up and run in hole with a 2.5" "JDC" down to 55.0 mKB to try and latch onto prong, cannot get latched, pull out of hole. make up and run in hole with stroke bailer down to top of plug at 55.0 mKB, stoke for 15 times and pull out of hole. minutes, pull out of hole, bailer has small amount of rust in it. Make up and run in hole with a 2" "JDC" retrieving tool down to 55.0 mKB, jar down 25 times to latch onto prong but cannot, pull out of hole. Run in hole with a 3" "JUC" pulling to latch on to prong on WR plug, cannot get latched, pull out of the hole with slickline. Run in hole with a 2 " 6 finger grab and latch onto WR plug, pull up to 800 lbs and fir jars, weight dropped to 300 lbs, pull out of hole, plug at surface. Run in hole with a 2.5" "JUC and latch onto prong at 493.0 mKB, pressure up to 5 MPa, jar up and release prong, pull out of hole, prong at surface. Make up and run in hole with a 2.5" "GS" pulling tool, latch Otis plug body, jar up to release plug, pull out of hole, plug at surface. Secure well. Rig down and release slickline. SDFN.				
18:30	00:00	5.50	24.00	WOD	PN		Wait on daylight.				
<b>6:00 Update</b>											
Start Time	End Time	Dur (hr)	Time Code	Ops Category	NPT	Operation Details					
00:00	07:30	7.50		PN		Wait on daylight.					
<b>Tubing String Pulled</b>											
Tubing Description Tubing - Injection				Set Depth (mKB) 493.65		Pull Date 7/16/2023		Pull Reason			
Item Des	Jts	Len (m)	OD (mm)	Com							
Tubing Hanger	1	0.25	179.4	179.4 mm x 88.9 mm Barber Tubing Hanger							
Tubing Pup Joint	1	0.61	88.9	88.9 mm J-55 EUE TK-99 Coated Pup Joint							
Tubing	1	9.13	88.9	88.9 mm 13.69 kg/m J-55 EUE TK-99 Coated Tubing							
Tubing Pup Joint	2	4.27	88.9	88.9 mm J-55 EUE TK-99 x 2 Coated Pup Joints							
Tubing	48	459.92	88.9	88.9 mm 13.69 kg/m J-55 EUE TK-99 Coated Tubing							
On-Off Tool	1	0.72	177.8	177.8 mm x 88.9 mm Guiberson On/Off connector c/w a 71.45 mm "X" profile							
Packer	1	1.56	177.8	177.8 mm x 88.9 mm Guiberson Packer (Imoreglon Coated)							
Tubing	1	9.54	88.9	88.9 mm 13.69 kg/m J-55 EUE TK-99 Coated Tubing joint							
Profile Nipple	1	0.45	69.9	Otis "XN" nipple c/w a 69.85 mm profile c/w a 66.93 mm no/go							
Wireline Guide	1	0.15	88.9								
<b>Other In Hole</b>											
Des	Icon	OD (mm)	Top Depth (mKB)	Btm (mKB)	Run Date						
Fresh Water (Permanent)		158.5	11.20	473.31	7/16/2023 00:00						
Glacier Tile		508.0	7.70	10.90	8/27/2023 17:00						
Steel Plate		158.5	10.90	10.95	8/27/2023 17:00						
<b>Other In Hole - Pulled</b>											
Des	OD (mm)	Top Depth (mKB)	Btm (mKB)	Mill/Pull Date	Pull Reason						
Bridge Plug - Thru-Tubing	75.9	55.00	55.40	7/16/2023							
Plug	75.9	493.05	493.15	7/16/2023							
<b>Bill 30 Requirements (Head Count Only)</b>											
Type				Count							
Day Shift				13							
<b>Contractor Hours (Head Count &amp; Hours)</b>											
Type				Count				Reg Work Time (hr)			
<b>Flaring Volumes</b>											
Type	Subtype	Des	Amount	Units							
		No Gas Flared									



## Daily ARO Operations

Well: PARAMOUNT ET AL MCKAY LAKES O-80

Pad: N-80/6020-12315

Business Unit: Central and Other

Rig: Precision Well Servicing 829

Report Date: 7/15/2023

Report #: 4

API/UWI 300/N-80/6020-12315/00	Surface Legal Location N-80/6020-12315	Field Name	State/Province NorthWest Territories	Working Interest (%) 68.64	License # N1866
Original KB Elevation (m) 300.00	Ground Elevation (m) 292.30	Casing Flange Elevation (m)	Tubing Head Elevation (m)	Well Configuration Type Vertical	
KB-Ground Distance (m) 7.70	KB-Tubing Head Distance (m)	Total Depth (mKB) 1,028.00	PBTD (All) (mKB)		

### Report Fluids Summary

Fluid	Cum to Lease (m³)	Cum fm lease (m³)	Lease Bal (m³)	Cum to Well (m³)	Cum from Well (m³)	Left to recover (m³)	Cum Non-recov (m³)
Water	60.00	0.00	62.00	0.00	2.00	-2.00	

### Weather & Road Condition

Weather	T (°C)	Road Cond
Clear	35	Fair

## Daily ARO Operations

**Well: PARAMOUNT ET AL MCKAY LAKES O-80**  
**Pad: N-80/6020-12315**  
**Business Unit: Central and Other**  
**Rig: Precision Well Servicing 829**

**Report Date: 7/16/2023**  
**Report #: 5**

API/UWI 300/N-80/6020-12315/00		Surface Legal Location N-80/6020-12315		Field Name		State/Province NorthWest Territories		Working Interest (%) 68.64		License # N1866	
Original KB Elevation (m) 300.00		Ground Elevation (m) 292.30		Casing Flange Elevation (m)		Tubing Head Elevation (m)		Well Configuration Type Vertical			
KB-Ground Distance (m) 7.70		KB-Tubing Head Distance (m)		Total Depth (mKB) 1,028.00		PBTD (All) (mKB)					

Casing Strings									
Csg Des	Run Date	Set Depth (mKB)	Top (mKB)	Len (m)	OD (mm)	ID (mm)	Wt/Len (kg/m)	Grade	Top Thread
Conductor	8/24/1999	18.00	7.70	10.30	508.0		79.000		
Surface	8/30/1999	359.00	7.70	351.30	224.0		54.000	H-40	
Liner	9/8/1999	503.00	7.70	495.30	177.8	161.8	34.228	J-55	
Open Hole	9/8/1999	1,028.00	503.00	525.00	222.3				

Zones / Event Sequence		
Zone Name	Zone Code	Current Status

Job Information / AFE	
Objective Well Abandonment. Program will commence after access and camp are prepared. It is expected that 7 wells will be abandoned and costs will be shared where possible.	
Target Formation Flett	

Daily Pressures	
Subtype	P (kPa)
SICP	0
SITP	132

Operation Summary	
Operations Next Report Period Pump a 15 m3 balanced plug.	
Operation at 6am WOD	

24 Hr Operational Comments							
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Time Code	Ops Category	NPT	Operation Details
00:00	07:30	7.50	7.50	WOD	PN		Wait on daylight.
07:30	08:00	0.50	8.00	SMTG	PP		Hold safety & Operational meeting with all personnel. Reviewed & discussed the following items, daily job objectives, proper procedures & safe-work measures for laying out pipe, potential hazards, related controls, JSA's, roles & responsibilities of crew members, D-33 plan & the ERP. Ensured that everyone understood the task at hand & the scope of today's work.
08:00	09:00	1.00	9.00	PCKER	PP		Check pressure, SITP = 132 kPa, Pick up on tubing string to 15 daN's, string weight is 8 daN's, can feel travel in on/off, go back down to 4 daN's then pick back up to string weight while rotating to the right, continue pulling up, packer unset at 10 daN's, let element relax for 15 minutes.
09:00	10:00	1.00	10.00	Circulating	PP		Tie in circulating lines, reverse circulate 10 m3 of fresh water back to test vessel, good.
10:00	12:00	2.00	12.00	PULT	PP		Pull out of the hole with the 88.9 mm 13.69 kg/m J-55 TK-99 tubing string and packer BHA as follows,  179.4 mm x 88.9 mm Extended Neck Tubing Hanger 88.9 mm x 0.61 m Pup Joint 88.9 mm 13.69 kg/m J-55 TK-99 Tubing Joint 88.9 mm x 2 pup joints (4.27 m) 88.9 mm x 13.69 kg/m J-55 TK-99 x 48 Tubing Joints 177.8 mm x 88.9 mm Guiberson On/Off connector 177.8 mm x 88.9 mm Guiberson Packer 88.9 mm 13.69 kg/m J-55 tubing Joint Otis "XN" nipple c/w a 69.85 mm profile and a 66.93 mm no/go 88.9 mm Re-Entry Guide  Note: All BHA pulled appears to be in good condition.
12:00	13:00	1.00	13.00	BOPT	PP		Land tubing hanger and change handling equipment over to 60.3 mm. Pressure test rams and seals to a low of 1 MPa and to a high of 21 MPa for 10 minutes, good test.



## Daily ARO Operations

**Well: PARAMOUNT ET AL MCKAY LAKES O-80**  
**Pad: N-80/6020-12315**  
**Business Unit: Central and Other**  
**Rig: Precision Well Servicing 829**

**Report Date: 7/16/2023**  
**Report #: 5**

API/UWI 300/N-80/6020-12315/00	Surface Legal Location N-80/6020-12315	Field Name	State/Province NorthWest Territories	Working Interest (%) 68.64	License # N1866
Original KB Elevation (m) 300.00	Ground Elevation (m) 292.30	Casing Flange Elevation (m)	Tubing Head Elevation (m)	Well Configuration Type Vertical	
KB-Ground Distance (m) 7.70	KB-Tubing Head Distance (m)	Total Depth (mKB) 1,028.00	PBTD (All) (mKB)		

### 24 Hr Operational Comments

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Time Code	Ops Category	NPT	Operation Details
13:00	19:00	6.00	19.00	RUTB	PP		<p>Tally, Drift, Make up, and run in hole with the 60.3 mm 6.99 kg/m L-80 tubing workstring as follows;</p> <p>60.3 mm collar (0.13 m)</p> <p>60.3 mm 6.99 kg/m L-80 x 93 tubing joints</p> <p>Tag 1 m in on joint # 95 at 901.57 mKB, fill encountered, set 1 daN weight down, cannot go deeper. Rig in pack off head to circulate. Reverse circulate at 0.500 L/Min at 5 MPa, pumped 6 m3 to break circulation back to test vessel, check for H2S and LEL's, none present. Attempt to lower string while circulating but taking weight, string weight is 5.5 dec's, put all string weight on fill, pull back up and pull 1 dec over to pull free, make several attempts to go down into fill but cannot, continue to circulate well over to fresh water at 0.500 L/min at 5 MPa and returning 0.03 L/min back at test vessel, pumped 26 m3 and shut down pump. Rig down circulating equipment, pull 4 joints and tubing draining slow, tie in circulating line and pump 2 m3 of water down tubing, did not see any pressure while pumping. Pull 42 joints total of 60.3 mm tubing putting tubing bottom at 500.96 mKB. Secure well. SDFN.</p>
19:00	00:00	5.00	24.00	WOD	PN		Wait on daylight.




### 6:00 Update

Start Time	End Time	Dur (hr)	Time Code	Ops Category	NPT	Operation Details
00:00	07:30	7.50		PN		Wait on daylight.

### Tubing String Pulled

Tubing Description Tubing - Injection		Set Depth (mKB) 493.65	Pull Date 7/16/2023	Pull Reason
Item Des	Jts	Len (m)	OD (mm)	Com
Tubing Hanger	1	0.25	179.4	179.4 mm x 88.9 mm Barber Tubing Hanger
Tubing Pup Joint	1	0.61	88.9	88.9 mm J-55 EUE TK-99 Coated Pup Joint
Tubing	1	9.13	88.9	88.9 mm 13.69 kg/m J-55 EUE TK-99 Coated Tubing
Tubing Pup Joint	2	4.27	88.9	88.9 mm J-55 EUE TK-99 x 2 Coated Pup Joints
Tubing	48	459.92	88.9	88.9 mm 13.69 kg/m J-55 EUE TK-99 Coated Tubing
On-Off Tool	1	0.72	177.8	177.8 mm x 88.9 mm Guiberson On/Off connector c/w a 71.45 mm "X" profile
Packer	1	1.56	177.8	177.8 mm x 88.9 mm Guiberson Packer (Imoreglon Coated)
Tubing	1	9.54	88.9	88.9 mm 13.69 kg/m J-55 EUE TK-99 Coated Tubing joint
Profile Nipple	1	0.45	69.9	Otis "XN" nipple c/w a 69.85 mm profile c/w a 66.93 mm no/go
Wireline Guide	1	0.15	88.9	

### Other In Hole

Des	Icon	OD (mm)	Top Depth (mKB)	Btm (mKB)	Run Date
Fresh Water (Permanent)		158.5	11.20	473.31	7/16/2023 00:00
Glacier Tile		508.0	7.70	10.90	8/27/2023 17:00
Steel Plate		158.5	10.90	10.95	8/27/2023 17:00

### Other In Hole - Pulled

Des	OD (mm)	Top Depth (mKB)	Btm (mKB)	Mill/Pull Date	Pull Reason
Bridge Plug - Thru-Tubing	75.9	55.00	55.40	7/16/2023	
Plug	75.9	493.05	493.15	7/16/2023	

### Bill 30 Requirements (Head Count Only)

Type	Count
Day Shift	11

### Contractor Hours (Head Count & Hours)

Type	Count	Reg Work Time (hr)

### Flaring Volumes

Type	Subtype	Des	Amount	Units
		No Gas Flared		

### Report Fluids Summary

Fluid	Cum to Lease (m³)	Cum fm lease (m³)	Lease Bal (m³)	Cum to Well (m³)	Cum from Well (m³)	Left to recover (m³)	Cum Non-recov (m³)
Water	60.00	0.00	41.40	31.00	12.40	18.60	



## Daily ARO Operations

Well: PARAMOUNT ET AL MCKAY LAKES O-80

Pad: N-80/6020-12315

Business Unit: Central and Other

Rig: Precision Well Servicing 829

Report Date: 7/16/2023

Report #: 5

API/UWI 300/N-80/6020-12315/00	Surface Legal Location N-80/6020-12315	Field Name	State/Province NorthWest Territories	Working Interest (%) 68.64	License # N1866
Original KB Elevation (m) 300.00	Ground Elevation (m) 292.30	Casing Flange Elevation (m)	Tubing Head Elevation (m)	Well Configuration Type Vertical	
KB-Ground Distance (m) 7.70	KB-Tubing Head Distance (m)	Total Depth (mKB) 1,028.00	PBTD (All) (mKB)		
Weather & Road Condition					
Weather		T (°C)	Road Cond		
Overcast		17	Fair		

## Daily ARO Operations

**Well: PARAMOUNT ET AL MCKAY LAKES O-80**  
**Pad: N-80/6020-12315**  
**Business Unit: Central and Other**  
**Rig: Precision Well Servicing 829**

**Report Date: 7/17/2023**  
**Report #: 6**

API/UWI 300/N-80/6020-12315/00		Surface Legal Location N-80/6020-12315		Field Name		State/Province NorthWest Territories		Working Interest (%) 68.64		License # N1866	
Original KB Elevation (m) 300.00		Ground Elevation (m) 292.30		Casing Flange Elevation (m)		Tubing Head Elevation (m)		Well Configuration Type Vertical			
KB-Ground Distance (m) 7.70		KB-Tubing Head Distance (m)		Total Depth (mKB) 1,028.00		PBSD (All) (mKB)					

Casing Strings									
Csg Des	Run Date	Set Depth (mKB)	Top (mKB)	Len (m)	OD (mm)	ID (mm)	Wt/Len (kg/m)	Grade	Top Thread
Conductor	8/24/1999	18.00	7.70	10.30	508.0		79.000		
Surface	8/30/1999	359.00	7.70	351.30	224.0		54.000	H-40	
Liner	9/8/1999	503.00	7.70	495.30	177.8	161.8	34.228	J-55	
Open Hole	9/8/1999	1,028.00	503.00	525.00	222.3				

Zones / Event Sequence		
Zone Name	Zone Code	Current Status



Job Information / AFE	
Objective Well Abandonment. Program will commence after access and camp are prepared. It is expected that 7 wells will be abandoned and costs will be shared where possible.	
Target Formation Flett	

Daily Pressures	
Subtype	P (kPa)
SICP	0
SITP	0

Operation Summary	
Operations Next Report Period Tag cement top, pressure test to 7 MPa, pull out of hole. Conduct an RBL log to surface.	
Operation at 6am WOD	

24 Hr Operational Comments							
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Time Code	Ops Category	NPT	Operation Details
00:00	07:30	7.50	7.50	WOD	PN		Wait on daylight.
07:30	08:00	0.50	8.00	SMTG	PP		Hold safety & Operational meeting with all personnel. Reviewed & discussed the following items, daily job objectives, proper procedures & safe-work measures for cementing operations, potential hazards, related controls, JSA's, roles & responsibilities of crew members, D-33 plan & the ERP. Ensured that everyone understood the task at hand & the scope of today's work.
08:00	08:30	0.50	8.50	RUTB	PP		Check pressures, SITP = 0 kPa, SICP = 0 kPa. Run in hole with 42 joints of 60.3 mm 6.99 kg/m L-80 tubing, tag fill again 1 m in on joint # 95 at 901.57 mKB, pull up and remove joint # 95 leaving a 1 m stickup above slips with tubing bottom at 900.57 mKB.
08:30	10:00	1.50	10.00	Circulating	PP		Rig in circulating lines to try and establish circulation down annulus and up tubing, pump at 0.500 L/Min at 5 MPa, pump 30 m3 of fluid but could regain circulation, shut down pump.
10:00	14:30	4.50	14.50	Cement	PP		Spot and rig in Charger C & A unit, Cement Bulker, and Troyer Vacuum Truck according OROGO and Paramount's guidelines. Break circulation with 1 m3 of fresh water back to test vessel, shut in and pressure test surface lines to 14 MPa for 10 minutes, good. With tubing bottom at 900.57 mKB, pump job as follows, pump 1 m3 of fresh water followed with 8.5 m3 (9.7 tonnes) of Charger SQ-100 cement slurry + additives @ 1800 kg/m3 at 0.300 L/Min and balanced it with 1 m3 of fresh water while maintaining 2 MPa on the backside while spotting cement plug, good, bleed off pressure, pull out of the hole slowly with 23 joints of 60.3 mm tubing and park at 681.24 mKB. With tubing bottom at 681.24 mKB, pump job as follows, pump 8.5 m3 (8.7 tonnes) of Charger SQ-150 cement slurry + additives @ 1700 kg/m3 downhole at 0.300 L/Min and balanced it with 0.700 m3 of fresh water while maintaining 2 MPa on the backside while spotting cement plug, good, bleed off pressure, pull out of the hole slowly with 24 joints of 60.3 mm tubing and park at 453.20 mKB. With rig pump reverse circulate the well and backwash the tubing clean with 5 m3 of fresh water, estimated cement top at ~461.76 mKB. Pull an additional 5 joints putting EOT at 405.40 mKB, close and lock pipe rams, secure well. Rig down Charger C & A unit and associated equipment. SDFN.
14:30	00:00	9.50	24.00	WOD	PN		Wait on daylight.

6:00 Update							
Start Time	End Time	Dur (hr)	Time Code	Ops Category	NPT	Operation Details	
00:00	07:30	7.50		PN		Wait on daylight.	

Other In Hole					
Des	Icon	OD (mm)	Top Depth (mKB)	Btm (mKB)	Run Date
Glacier Tile		508.0	7.70	10.90	8/27/2023 17:00
Steel Plate		158.5	10.90	10.95	8/27/2023 17:00



## Daily ARO Operations

Well: PARAMOUNT ET AL MCKAY LAKES O-80  
 Pad: N-80/6020-12315  
 Business Unit: Central and Other  
 Rig: Precision Well Servicing 829

Report Date: 7/17/2023  
 Report #: 6

API/UWI 300/N-80/6020-12315/00		Surface Legal Location N-80/6020-12315		Field Name		State/Province NorthWest Territories		Working Interest (%) 68.64		License # N1866					
Original KB Elevation (m) 300.00		Ground Elevation (m) 292.30		Casing Flange Elevation (m)		Tubing Head Elevation (m)		Well Configuration Type Vertical							
KB-Ground Distance (m) 7.70		KB-Tubing Head Distance (m)		Total Depth (mKB) 1,028.00		PBDT (All) (mKB)									
<b>Bill 30 Requirements (Head Count Only)</b>															
Type						Count									
Day Shift						13									
<b>Contractor Hours (Head Count &amp; Hours)</b>															
Type						Count		Reg Work Time (hr)							
<b>Flaring Volumes</b>															
Type		Subtype		Des		Amount		Units							
				No Gas Flared											
<b>Report Fluids Summary</b>															
Fluid		Cum to Lease (m³)		Cum fm lease (m³)		Lease Bal (m³)		Cum to Well (m³)		Cum from Well (m³)		Left to recover (m³)		Cum Non-recov (m³)	
Water		110.00		0.00		54.70		82.00		26.70		55.30			
<b>Weather &amp; Road Condition</b>															
Weather				T (°C)				Road Cond							
Overcast				12				Fair							

## Daily ARO Operations

**Well: PARAMOUNT ET AL MCKAY LAKES O-80**  
**Pad: N-80/6020-12315**  
**Business Unit: Central and Other**  
**Rig: Precision Well Servicing 829**

**Report Date: 7/18/2023**  
**Report #: 7**

API/UWI 300/N-80/6020-12315/00		Surface Legal Location N-80/6020-12315		Field Name		State/Province NorthWest Territories		Working Interest (%) 68.64		License # N1866	
Original KB Elevation (m) 300.00		Ground Elevation (m) 292.30		Casing Flange Elevation (m)		Tubing Head Elevation (m)		Well Configuration Type Vertical			
KB-Ground Distance (m) 7.70		KB-Tubing Head Distance (m)		Total Depth (mKB) 1,028.00		PBTD (All) (mKB)					

Casing Strings									
Csg Des	Run Date	Set Depth (mKB)	Top (mKB)	Len (m)	OD (mm)	ID (mm)	Wt/Len (kg/m)	Grade	Top Thread
Conductor	8/24/1999	18.00	7.70	10.30	508.0		79.000		
Surface	8/30/1999	359.00	7.70	351.30	224.0		54.000	H-40	
Liner	9/8/1999	503.00	7.70	495.30	177.8	161.8	34.228	J-55	
Open Hole	9/8/1999	1,028.00	503.00	525.00	222.3				

Zones / Event Sequence		
Zone Name	Zone Code	Current Status



Job Information / AFE	
Objective Well Abandonment. Program will commence after access and camp are prepared. It is expected that 7 wells will be abandoned and costs will be shared where possible.	
Target Formation Flett	

Daily Pressures	
Subtype	P (kPa)
SICP	0
SITP	0

Operation Summary	
Operations Next Report Period Tag cement top, pressure test to 7 MPa, pull out of hole. Conduct an RBL log to surface.	
Operation at 6am WOD	

24 Hr Operational Comments						
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Time Code	Ops Category	NPT
00:00	07:30	7.50	7.50	WOD	PN	
07:30	08:00	0.50	8.00	SMTG	PP	
08:00	09:00	1.00	9.00	RUTB	PP	
09:00	11:00	2.00	11.00	Cement	PP	
11:00	00:00	13.00	24.00	WOD	PN	

6:00 Update						
Start Time	End Time	Dur (hr)	Time Code	Ops Category	NPT	Operation Details
00:00	07:30	7.50		PP		Wait on daylight.

Other In Hole					
Des	Icon	OD (mm)	Top Depth (mKB)	Btm (mKB)	Run Date
Glacier Tile		508.0	7.70	10.90	8/27/2023 17:00
Steel Plate		158.5	10.90	10.95	8/27/2023 17:00

Bill 30 Requirements (Head Count Only)	
Type	Count
Day Shift	14

Contractor Hours (Head Count & Hours)		
Type	Count	Reg Work Time (hr)



## Daily ARO Operations

Well: PARAMOUNT ET AL MCKAY LAKES O-80  
 Pad: N-80/6020-12315  
 Business Unit: Central and Other  
 Rig: Precision Well Servicing 829

Report Date: 7/18/2023  
 Report #: 7

API/UWI 300/N-80/6020-12315/00	Surface Legal Location N-80/6020-12315	Field Name	State/Province NorthWest Territories	Working Interest (%) 68.64	License # N1866
Original KB Elevation (m) 300.00	Ground Elevation (m) 292.30	Casing Flange Elevation (m)	Tubing Head Elevation (m)	Well Configuration Type Vertical	
KB-Ground Distance (m) 7.70	KB-Tubing Head Distance (m)	Total Depth (mKB) 1,028.00	PBTD (All) (mKB)		

### Flaring Volumes

Type	Subtype	Des	Amount	Units
		No Gas Flared		

### Report Fluids Summary

Fluid	Cum to Lease (m³)	Cum fm lease (m³)	Lease Bal (m³)	Cum to Well (m³)	Cum from Well (m³)	Left to recover (m³)	Cum Non-recov (m³)
Water	110.00	9.00	42.70	95.00	36.70	58.30	

### Weather & Road Condition

Weather	T (°C)	Road Cond
Partly Cloudy	27	Fair

## Daily ARO Operations

**Well: PARAMOUNT ET AL MCKAY LAKES O-80**  
**Pad: N-80/6020-12315**  
**Business Unit: Central and Other**  
**Rig: Precision Well Servicing 829**

**Report Date: 7/19/2023**  
**Report #: 8**

API/UWI 300/N-80/6020-12315/00	Surface Legal Location N-80/6020-12315	Field Name	State/Province NorthWest Territories	Working Interest (%) 68.64	License # N1866
Original KB Elevation (m) 300.00	Ground Elevation (m) 292.30	Casing Flange Elevation (m)	Tubing Head Elevation (m)	Well Configuration Type Vertical	
KB-Ground Distance (m) 7.70	KB-Tubing Head Distance (m)	Total Depth (mKB) 1,028.00	PBTD (All) (mKB)		

Casing Strings									
Csg Des	Run Date	Set Depth (mKB)	Top (mKB)	Len (m)	OD (mm)	ID (mm)	Wt/Len (kg/m)	Grade	Top Thread
Conductor	8/24/1999	18.00	7.70	10.30	508.0		79.000		
Surface	8/30/1999	359.00	7.70	351.30	224.0		54.000	H-40	
Liner	9/8/1999	503.00	7.70	495.30	177.8	161.8	34.228	J-55	
Open Hole	9/8/1999	1,028.00	503.00	525.00	222.3				



Zones / Event Sequence		
Zone Name	Zone Code	Current Status

Job Information / AFE	
Objective Well Abandonment. Program will commence after access and camp are prepared. It is expected that 7 wells will be abandoned and costs will be shared where possible.	
Target Formation Flett	

Daily Pressures	
Subtype	P (kPa)
SICP	0
SITP	0

Operation Summary	
Operations Next Report Period Move matting, 2 - 400 BBL tanks, P-Tank, and Fire Suppression unit up to K-29 location. Job complete.	
Operation at 6am WOD	

24 Hr Operational Comments						
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Time Code	Ops Category	NPT
00:00	07:30	7.50	7.50	WOD	PP	
07:30	08:00	0.50	8.00	SMTG	PP	
08:00	10:00	2.00	10.00	RUTB	PP	
10:00	10:30	0.50	10.50	PULT	PP	
10:30	12:30	2.00	12.50	WL Logs	PP	
12:30	14:30	2.00	14.50	BOPR	PP	
14:30	18:00	3.50	18.00	RU/RD	PP	
18:00	00:00	6.00	24.00	WOD	PN	

Other In Hole					
Des	Icon	OD (mm)	Top Depth (mKB)	Btm (mKB)	Run Date
Glacier Tile		508.0	7.70	10.90	8/27/2023 17:00
Steel Plate		158.5	10.90	10.95	8/27/2023 17:00

Bill 30 Requirements (Head Count Only)	
Type	Count
Day Shift	14

Contractor Hours (Head Count & Hours)		
Type	Count	Reg Work Time (hr)



## Daily ARO Operations

Well: PARAMOUNT ET AL MCKAY LAKES O-80  
 Pad: N-80/6020-12315  
 Business Unit: Central and Other  
 Rig: Precision Well Servicing 829

Report Date: 7/19/2023  
 Report #: 8

API/UWI 300/N-80/6020-12315/00	Surface Legal Location N-80/6020-12315	Field Name	State/Province NorthWest Territories	Working Interest (%) 68.64	License # N1866
Original KB Elevation (m) 300.00	Ground Elevation (m) 292.30	Casing Flange Elevation (m)	Tubing Head Elevation (m)	Well Configuration Type Vertical	
KB-Ground Distance (m) 7.70	KB-Tubing Head Distance (m)	Total Depth (mKB) 1,028.00	PBTD (All) (mKB)		

### Flaring Volumes

Type	Subtype	Des	Amount	Units
		No Gas Flared		

### Report Fluids Summary

Fluid	Cum to Lease (m³)	Cum fm lease (m³)	Lease Bal (m³)	Cum to Well (m³)	Cum from Well (m³)	Left to recover (m³)	Cum Non-recov (m³)
Water	110.00	43.50	8.20	95.00	36.70	58.30	

### Weather & Road Condition

Weather	T (°C)	Road Cond
Clear	28	Fair



## Daily ARO Operations

**Well: PARAMOUNT ET AL MCKAY LAKES O-80**  
**Pad: N-80/6020-12315**  
**Business Unit: Central and Other**  
**Rig: Precision Well Servicing 829**

**Report Date: 8/27/2023**  
**Report #: 9**

API/UWI 300/N-80/6020-12315/00	Surface Legal Location N-80/6020-12315	Field Name	State/Province NorthWest Territories	Working Interest (%) 68.64	License # N1866
Original KB Elevation (m) 300.00	Ground Elevation (m) 292.30	Casing Flange Elevation (m)	Tubing Head Elevation (m)	Well Configuration Type Vertical	
KB-Ground Distance (m) 7.70	KB-Tubing Head Distance (m)	Total Depth (mKB) 1,028.00	PBDT (All) (mKB)		

Casing Strings									
Csg Des	Run Date	Set Depth (mKB)	Top (mKB)	Len (m)	OD (mm)	ID (mm)	Wt/Len (kg/m)	Grade	Top Thread
Conductor	8/24/1999	18.00	7.70	10.30	508.0		79.000		
Surface	8/30/1999	359.00	7.70	351.30	224.0		54.000	H-40	
Liner	9/8/1999	503.00	7.70	495.30	177.8	161.8	34.228	J-55	
Open Hole	9/8/1999	1,028.00	503.00	525.00	222.3				



Zones / Event Sequence		
Zone Name	Zone Code	Current Status

Job Information / AFE	
Objective Well Abandonment. Program will commence after access and camp are prepared. It is expected that 7 wells will be abandoned and costs will be shared where possible.	
Target Formation Flett	

Daily Pressures	
Subtype	P (kPa)
SICP	0

Operation Summary	
Operations Next Report Period Job completed.	
Operation at 6am Job completed.	

24 Hr Operational Comments							
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Time Code	Ops Category	NPT	Operation Details
00:00	14:00	14.00	14.00	WOD	PP		Wait on daylight.
14:00	14:30	0.50	14.50	Safety Mtg	PP		Held safety and operational meeting. Review contractor and PRL JSA for operations and hazards for rig operations. Discuss Injured Worker Transportation Plan and ERP.
14:30	18:00	3.50	18.00	Cut/Cap	PP		<p>No visible bubbles around wellhead. Swept area and around wellhead for LEL. None detected. Test Production Casing and Surface Casing for LEL. None detected.</p> <p>Confirm no existence of underground lines near well centre. Abandoned pipe line 1.4 m North of well center.</p> <p>Track hoe dig bell hole around wellhead to depth of 4.0 m. Ensure proper slopping, stairway exit and spoil pile spacing from bell hole.</p> <p>Cut away 3.3 m ( 11.0 mKB ) of 720 mm / 508 mm conductors. Cement between conductor and surface casing. Cut window in 244.5 mm Surface Casing and 177.8 mm Production Casing.</p> <p>No cement between Surface Casing and Production Casing. Cut 177.8 mm Production Casing, 3.1 m ( 10.8 mKB ) and Surface Casing at 3.2 m ( 10.9 mKB ) depth below surface casing flange.</p> <p>Remove wellhead from bell hole. Stitch (vent) weld 6.3 mm plate on top of Production Casing and Surface Casing. Weld write N-80 / N1866 on 177.8 mm Production Casing cap.</p> <p>Back fill and tamp bell hole. Level and slop bell hole.</p> <p>Install (orange) Tombstone Surface Marker onto 73 mm pipe. Pipe is anchored and located 1.0 m x North of well centre. Weld write on tombstone marker N1866 + Paramount Res Ltd + 60° 19' 50.196" N + 123° 29' 8.808" W + NAD 83</p> <p>Job completed.</p> <p><b>** Final costs to be adjusted when received**</b></p>
18:00	00:00	6.00	24.00	No Job Activity	PP		Wait on daylight.

Other In Hole					
Des	Icon	OD (mm)	Top Depth (mKB)	Btm (mKB)	Run Date
Glacier Tile		508.0	7.70	10.90	8/27/2023 17:00
Steel Plate		158.5	10.90	10.95	8/27/2023 17:00



## Daily ARO Operations

Well: PARAMOUNT ET AL MCKAY LAKES O-80  
 Pad: N-80/6020-12315  
 Business Unit: Central and Other  
 Rig: Precision Well Servicing 829

Report Date: 8/27/2023  
 Report #: 9

API/UWI 300/N-80/6020-12315/00	Surface Legal Location N-80/6020-12315	Field Name	State/Province NorthWest Territories	Working Interest (%) 68.64	License # N1866		
Original KB Elevation (m) 300.00	Ground Elevation (m) 292.30	Casing Flange Elevation (m)	Tubing Head Elevation (m)	Well Configuration Type Vertical			
KB-Ground Distance (m) 7.70	KB-Tubing Head Distance (m)	Total Depth (mKB) 1,028.00	PBDT (All) (mKB)				
<b>Bill 30 Requirements (Head Count Only)</b>							
Type			Count				
Day Shift			4				
<b>Contractor Hours (Head Count &amp; Hours)</b>							
Type			Count	Reg Work Time (hr)			
<b>Flaring Volumes</b>							
Type	Subtype	Des	Amount	Units			
		No Gas Flared					
<b>Report Fluids Summary</b>							
Fluid	Cum to Lease (m³)	Cum fm lease (m³)	Lease Bal (m³)	Cum to Well (m³)	Cum from Well (m³)	Left to recover (m³)	Cum Non-recov (m³)
Water	110.00	43.50	8.20	95.00	36.70	58.30	
<b>Weather &amp; Road Condition</b>							
Weather			T (°C)	Road Cond			
Clear			29	Fair			



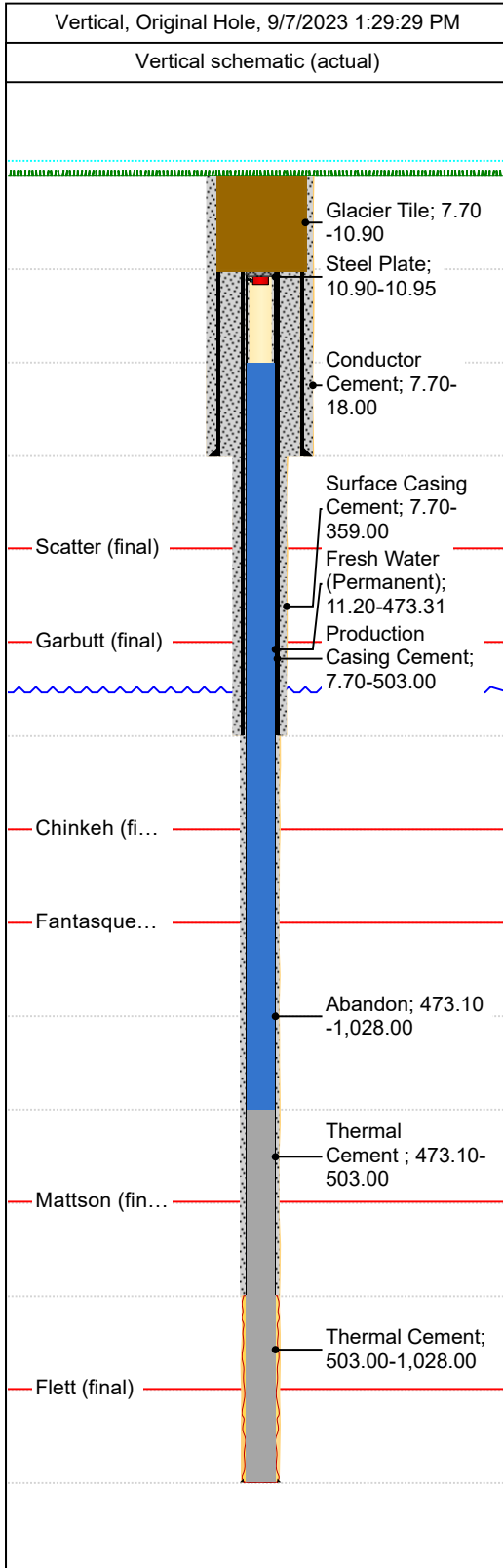


## Tubing and Rods (Schematic)

**Paramount**  
resources ltd.

**Well Name: PARAMOUNT ET AL MCKAY LAKES O-80**

API/UWI 300/N-80/6020-12315/00	Surface Legal Location N-80/6020-12315	License # N1866	Field Name	State/Province NorthWest Territories
Well Configuration Type Vertical	Original KB Elevation (m) 300.00	KB-Ground Distance (m) 7.70	KB-Casing Flange Distance (m)	KB-Tubing Head Distance (m)



<des> set at <depth>mKB on <dtmrun>															
Des		Set Depth (mKB)		Run Date		Lateral Position		Pull Date		Cut/Pull Date		Depth Cut/Pull (...)			
Item #	Item Description			Joints	Length (m)		OD (mm)	ID (mm)	Wt (kg/m)		Grade	Top (mKB)		Btm (mKB)	
Comment															
Other In Hole															
Description				OD (mm)		Top Depth (mKB)		Btm (mKB)		Run Date		Mill/Pull Date			
Thermal Cement				158.5		473.10		503.00		7/17/2023 00:00					
Comment															
With tubing bottom at 900.57 mKB, pump job as follows, pump 1 m3 of fresh water followed with 8.5 m3 (9.7 tonnes) of Charger SQ-100 cement slurry + additives @ 1800 kg/m3 at 0.300 L/Min and balanced it with 1 m3 of fresh water while maintaining 2 MPa on the backside while spotting cement plug, good, bleed off pressure, pull out of the hole slowly with 23 joints of 60.3 mm tubing and park at 681.24 mKB. With tubing bottom at 681.24 mKB, pump job as follows, pump 8.5 m3 (8.7 tonnes) of Charger SQ-150 cement slurry + additives @ 1700 kg/m3 downhole at 0.300 L/Min and balanced it with 0.700 m3 of fresh water while maintaining 2 MPa on the backside while spotting cement plug, good, bleed off pressure, pull out of the hole slowly with 24 joints of 60.3 mm tubing and park at 453.20 mKB. With rig pump reverse circulate the well and backwash the tubing clean with 5 m3 of fresh water, estimated cement top at ~461.76 mKB.															
Description				OD (mm)		Top Depth (mKB)		Btm (mKB)		Run Date		Mill/Pull Date			
Thermal Cement				178.0		503.00		1,028.00		7/17/2023 00:00					
Comment															
With tubing bottom at 900.57 mKB, pump job as follows, pump 1 m3 of fresh water followed with 8.5 m3 (9.7 tonnes) of Charger SQ-100 cement slurry + additives @ 1800 kg/m3 at 0.300 L/Min and balanced it with 1 m3 of fresh water while maintaining 2 MPa on the backside while spotting cement plug, good, bleed off pressure, pull out of the hole slowly with 23 joints of 60.3 mm tubing and park at 681.24 mKB. With tubing bottom at 681.24 mKB, pump job as follows, pump 8.5 m3 (8.7 tonnes) of Charger SQ-150 cement slurry + additives @ 1700 kg/m3 downhole at 0.300 L/Min and balanced it with 0.700 m3 of fresh water while maintaining 2 MPa on the backside while spotting cement plug, good, bleed off pressure, pull out of the hole slowly with 24 joints of 60.3 mm tubing and park at 453.20 mKB. With rig pump reverse circulate the well and backwash the tubing clean with 5 m3 of fresh water, estimated cement top at ~461.76 mKB.															
Description				OD (mm)		Top Depth (mKB)		Btm (mKB)		Run Date		Mill/Pull Date			
Fresh Water (Permanent)				158.5		11.20		473.31		7/18/2023 00:00					
Comment															
Description				OD (mm)		Top Depth (mKB)		Btm (mKB)		Run Date		Mill/Pull Date			
Steel Plate				158.5		10.90		10.95		8/27/2023 17:00					
Comment															
Description				OD (mm)		Top Depth (mKB)		Btm (mKB)		Run Date		Mill/Pull Date			
Glacier Tile				508.0		7.70		10.90		8/27/2023 17:00					
Comment															
Cement Stages															
Type		Subtype		String			Des			End Date		Top (mKB)		Btm (mKB)	
Plug				Liner, 503.00mKB			Abandon					473.10		1,028.00	