

February 22, 2023

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

Via Email Only

Attention: Ms. Pauline de Jong
Executive Director

Cut/Cap Operation as part of the Well Abandonment
PARAMOUNT ET AL ARROWHEAD, ACW-2022-PAR-B-41-WID1733

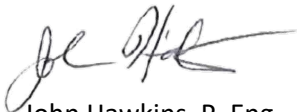
Please find attached for submission the required documents for Well Termination (Abandonment) of the 300/B-41/6040-12245/00 well, Licence # 1733

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.

Sincerely,



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. If you wish to communicate with OROGO in hard copy, please do so using the courier address found at www.orogo.gov.nt.ca.

WELL INFORMATION

Well Name	PARAMOUNT ET AL ARROWHEAD B-41	Operator	Paramount Resources Ltd.
Well Identifier (WID)	1733	Unique Well Identifier (30xx...)	300/B-41/6040/12245/00

STATUS INFORMATION

Effective Date: February 2, 2023

Well Type: Other

If other, specify:

Well Mode: Abandoned

If other, specify:

Other: Well never produced

If other, specify:

Fluid Production: (choose all applicable)

Not applicable -	Steam -
Crude Oil -	Air -
<u>Gas</u> -	Carbon Dioxide -
Water -	Nitrogen -
Brine -	Liquefied Petroleum Gas -
Acid Gas -	Bitumen -
Solvent -	Other -

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

Name John Hawkins

Phone (403) 817 Ext 5074

Title Director Asset Management

E-Mail john.hawkins@paramountres.com

Operator Paramount Resources Ltd.

Signature


Responsible Officer of Company

Date February 22, 2023

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. If you wish to communicate with OROGO in hard copy, please do so using the courier address found at www.orogo.gov.nt.ca.

WELL INFORMATION

Well Name	PARAMOUNT ET AL ARROWHEAD B-41	Operator	Paramount Resources Ltd.
Well Type	Exploratory Well (if Other, specify _____)	Contractor	Precision Well Servicing
Well Identifier	1733	Current Well Status	Abandoned

RELATED LICENCES AND AUTHORIZATIONS

Operating Licence No.	NWT-0L-2014-014	Operations Authorization	OA - 2022-PAR-B-41-WID1733
PRA Licence No.	Exploration Licence EL113	Approval to Alter Condition of Well	ACW - -2022-PAR-B-41-WID1733

LOCATION INFORMATION

Coordinates Datum: NAD83 (if Other, please specify _____)

Surface	Lat 60 ° 30 ' 8 "	Long 122 ° 53 ' 16.9292W "
Bottom Hole	Lat 60 ° 30 ' 8 "	Long 122 ° 53 ' 16 "

Region: Dehcho Unit 0 Section Grid 60-40 122-45

ACTIVITY INFORMATION

Target Formation(s)	Devonian Hume	Field/Pool(s)	Liard / East
Elevation KB/RT	520 m	Ground Level / Seafloor	512.45 m
Spud/Re-entry Date	days	Total Depth	3301.0 m KB
Rig Release Date	March 24, 1989	Total Vertical Depth	3349.2 m KB

CASING AND CEMENTING PROGRAM

O.D. (mm)	Weight (kg/m)	Grade	Setting Depth (m KB)	Cementing (m³)
339.7	81.1	K55	311.0	40.3
244.5	53.6	K55	1056.0	38.5

PLUGGING PROGRAM

Type of Plug	Interval (m KB)	Felt	Setting Depth (m KB)	Cementing (m ³)
Cement	2850.0-3080.0	No	3080	79
Cement	1775.0-2665.0	No	2665.0	41.5
Cement	1425.0-1500.0	No	1500.0	3.0
Cement	849.0-1089.0	Yes	1089.0	9.6

PERFORATION

Interval (m KB)	Comments
800.0-816.0	
-	
-	
-	

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 plugged back with cement to 849.0 during drilling phase
Additional Comments	

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

Name	John Hawkins, P.Eng.	Phone	(403) 817 Ext 5074
Title	Director Asset Management	E-Mail	john.hawkins@paramountres.com
Operator	Paramount Resources Ltd.		
Signature	 Responsible Officer of Company	Date	2023-02-22



ARO Daily Op Summary

Well Name: PARA ET AL ARROWHEAD B-41

Well Header					
API/UWI 300/B-41/6040-12245/00	Surface Legal Location B-41/6040-12245	Field Name Arrowhead	License # N1733	State/Province NorthWest Territories	Well Configuration Type Deviated
Ground Elevation (m) 512.40	Casing Flange Elevation (m)	KB-Ground Distance (m) 7.60	KB-Casing Flange Distance (m)	Spud Date 1/22/1989	Rig Release Date 3/24/1989

Daily Operations

Start Date	Summary
1/13/2023	HSE Summary: No incident, accidents, or spills. Qwest Air medi-vac # QW410. Operations Summary: - Construction start clearing, leveling and freezing in access road to site. - Contractors on standby in camp awaiting completion of access road and leveling of site. - End of report for day.
1/20/2023	HSE Summary: No incident, accidents, or spills. Qwest Air medi-vac # QW410. Operations Summary: Bed truck move rig matting from 300/C-02--6040-12300/0. Soft access road for 2 km prior to site. Determine movement of PWS Rig # 830 and rentals to location may damage road. Wait road access to be frozen in overnight. Contractors on standby in camp awaiting completion of access road and leveling of site. End of report for day.
1/21/2023	HSE Summary: No incident, accidents, or spills. Qwest Air medi-vac # QW410. Operations Summary: - Supervisor inspect site prior to start of operations. No signs of hydrocarbon staining on site. No signs of LEL or H2S at wellhead. Sign of sump 25 m North of well. - Travel PWS # 830, test unit, flare stack, (2) 63 m³ tank, (1) 100 HP boiler, 279 mm BOP, 279 mm BOP Accumulator building, 279 mm BOP Generator building, and (2) offices to site. Slow travel on ice road. - Construction assist in level ground around well centre. - Rig up PWS # 830 and support equipment as per contractor, government and PRL policies and procedures. perform on going CAODC inspection as rig in equipment. Setup StarLink Communication. Rig in boiler and lines to wellhead and 63 m³ tank. Haul in 38 m³ non-aline (fresh) water. - Confirm the surface casing vent is open into wellhead. Perform 30 minute surface casing vent bubble test. No bubbles observe. - Install Annular Bag onto BOP. Run accumulator lines to BOP. Setup remote control stand. - Stump function BOP's. Start pressure 21 MPa. Close blind rams 8 secs. Close pipe rams in 8 secs. Close Annular 42 secs. End pressure 11 Mpa. Recharge system in 3:31 minutes. - Stump pressure test blind rams and tubing rams to 1.4 MPa (low) and 21 MPa (high). Held each 10 min. Test Annular Bag to 1.4 MPa (low) and 10 MPa (high). Held each test 10 min. - Remove Upper Wellhead assembly with Single 65 mm x 34.5 MPa Master Valve from 279 mm Adapter Flange. No tubing hanger. Extra time to remove rusty bolts. - Install 279 mm x 34.5 MPa Class III BOP on wellhead. Rig in heater and tubing handling equipment. - Pump 0.10 m³ fresh water to fill casing. Pressure test wellhead connection to 1.4 MPa (low) and 7.0 MPa (high). Held each 10 minute. - Wait on eline unit to perform logging operation. - Winterize and secure wellhead. SDFN rig crew. - Night boiler hand to heat wellhead and tank for night. - End report for day.

ARO Daily Op Summary

Well Name: PARA ET AL ARROWHEAD B-41

Well Header					
API/UWI 300/B-41/6040-12245/00	Surface Legal Location B-41/6040-12245	Field Name Arrowhead	License # N1733	State/Province NorthWest Territories	Well Configuration Type Deviated
Ground Elevation (m) 512.40	Casing Flange Elevation (m)	KB-Ground Distance (m) 7.60	KB-Casing Flange Distance (m)	Spud Date 1/22/1989	Rig Release Date 3/24/1989

Daily Operations

Start Date	Summary
1/22/2023	HSE Summary: No incident, accidents, or spills. Qwest Air medi-vac # QW410. Operations Summary: - Spot and rig in electric line unit. Install 279 mm electric line well control equipment and adapter flange on top of 34.5 MPa x 279 mm Class III BOP. Run in hole CCL / Radial Cement Evaluation Tool. Correlate on depth to surface casing shoe at 311 mKB. Ttag obstruction 727.3 mKB. Log well from 727.3 mKB to surface. Send log into calgary for further evaluation and correlation. Rig down electric line adapter flange and well control equipment. Rig down electric line unit. - Tally, drift, pickup and run in (1) Reg Tubing Collar 73 mm L-80 and ((78) Joints Tubing 73 mm L-80 9.67 kg/m. Tag obstruction 750.23 mKB. - Position tubing bottom 749.8 mKB. Rig in circulation lines. Reverse circulate 31.1 m³ non-saline (fresh) water at 600 L/min x 2.0 MPa. Return 29.1 m³ water with smell of inhibitor and 10,000 ppm salinity. The next returns of 2.0 m³ water is non-saline (fresh) water with no inhibitor and 0 ppm salinity. Entire wellbore is completely displaced to non-saline (fresh) water. - Pull and stand in derrick (52) Joints Tubing L-80 9.67 kg/m. - Pull and laydown (26) Joints Tubing L-80 9.67 kg/m. - Winterize and secure wellhead. SDFN rig crew. - Wait on cement bond log evaluation and conformation of next operation. - Night boiler hand to heat wellhead and tank for night. - End report for day.
1/23/2023	HSE Summary: No incident, accidents, or spills. Qwest Air medi-vac # QW410. Operations Summary: - Run in Bow Plug 73mm and (52) Joints Tubing 73 mm L-80 to 503 mKB. Displace from wellbore 1.51 m³ non-saline (fresh) water. - Pull and laydown (52) Joints Tubing 73 mm L-80 and (1) Bow Plug 73 mm **NOTE** Estimated fluid level 54 mKB. - Rig down 5 MPa x 12 m³ test vessel, main line, flare line and 19 m flare stack. Rig down working floor and tubing handling equipment. Split from BOP and lay down 279 mm Annular Bag. Remove 279 mm 34.5 MPa BOP. - Install 279 mm Adapter Flange with Single 65 mm Master Valve assembly. - Plug, clean and chain secure wellhead. remove handles from any valve not chained. - Rig down rentals, ccumulator lines, generator and accumulator building. Rig down pump line, return line and steam lines. Haul (34) m³ work fluids off site. Rig down PWS 830 and support equipment. - Rig parked on location waiting for construction to complete freezing in of 300/O-15-6030-12300/1 - Clean and secure location. - SDFN.
1/24/2023	HSE Summary: No incident, accidents, or spills. Qwest Air medi-vac # QW410. Operations Summary: - Rig perform scheduled maintenance on equipment. - Contractors on standby in camp. - Wait on track hoe or welder to perform Cut n Cap operations. - End of report.
1/25/2023	HSE Summary: No incident, accidents, or spills. Qwest Air medi-vac # QW410. Operations Summary: - Rig perform scheduled maintenance on equipment. - Contractors on standby in camp. - Wait on track hoe or welder to perform Cut n Cap operations on other sites. - Wait on construction to freeze in road access. - End of report.

ARO Daily Op Summary

Well Name: PARA ET AL ARROWHEAD B-41

Well Header					
API/UWI 300/B-41/6040-12245/00	Surface Legal Location B-41/6040-12245	Field Name Arrowhead	License # N1733	State/Province NorthWest Territories	Well Configuration Type Deviated
Ground Elevation (m) 512.40	Casing Flange Elevation (m)	KB-Ground Distance (m) 7.60	KB-Casing Flange Distance (m)	Spud Date 1/22/1989	Rig Release Date 3/24/1989

Daily Operations

Start Date	Summary
2/1/2023	HSE Summary: No incident, accidents, or spills. Qwest Air medi-vac # QW410. Operations Summary: Walk track hoe from PRL 300/C-02-6040-12300/0 to site on 31-Jan-2023. Issues starting track hoe due to cold (-36 °C) weather. No visible bubbles around wellhead. Swept area and around wellhead for LEL. None detected. Test Intermediate Casing # 1 and Surface Casing for LEL. None detected. Confirm no existence of underground lines near well centre. Track hoe dig bellhole around wellhead to depth of 3.5 m. Ensure proper slopping, stairway exit and spoil pile spacing from hellhole. Secure and flag off bellhole perimeter for night. Move equipment to PRL 300/O-15--6030-12300/1 End report for day.
2/2/2023	HSE Summary: No incident, accidents, or spills. Qwest Air medi-vac # QW410. Operations Summary: - No visible bubbles around wellhead. Swept area and around wellhead for LEL. None detected. Swept 244.5 mm Production Casing and 339.7 mm Surface Casing for LEL. None detected. Confirm reading with welder 4 Head Monitor. - Cut and remove 508 mm conductor at 2.4 m (10.0 mKB) below surface casing flange. Chip away cement between conductor and surface casing. - Cut window in 339.7 mm Surface Casing and 244.5 mm Production Casing. No surface cement between Surface Casing and Production Casing at surface. Cut 244.5 mm Production Casing at 2.25 m (9.85 mKB) and 339.7 mm Surface Casing at 2.30 m (9.90 mKB) depth below surface casing flange. KB-GL = 7.6 m. - Remove surface flange from bellhole. Stitch (vent) weld 6.3 mm plate on top of 244.5 mm Production Casing (9.85 mKB) and Surface Casing (9.90 mKB). Weld write 1733 on 244.5 mm Production Casing cap. - Secure and flag off bellhole perimeter for night. - "NOTE" Stop operations for day due to elections in Ft Laird - End report for day.
2/3/2023	HSE Summary: No incident, accidents, or spills. Qwest Air medi-vac # QW410. Operations Summary; Back fill and tamp bellhole with loader. Rough level surface ground. Install (orange)Tombomstone Surface Marker onto 73 mm pipe. Pipe is anchored and located 1.0 m x North of well centre. Weld write on tombstone marker 1733 + Paramount Res Ltd + 2-Feb-2023 + 60° 30' 8.4931 N + 122° 53' 16.9292 W + NAD 83 Cut n Cap job completed. Release contractors. End report for day.
2/4/2023	HSE Summary: No incident, accidents, or spills. Qwest Air medi-vac # QW410. Operations Summary; Supervisor travel 845 km to base in GP. Job completed.

Daily ARO Operations

Well: PARA ET AL ARROWHEAD B-41
Pad: B-41/6040-12245
Business Unit: Central and Other
Rig: Precision Well Servicing 830

Report Date: 1/13/2023
Report #: 1

API/UWI 300/B-41/6040-12245/00	Surface Legal Location B-41/6040-12245	Field Name Arrowhead	State/Province NorthWest Territories	Working Interest (%) 40	License # N1733
Original KB Elevation (m) 520.00	Ground Elevation (m) 512.40	Casing Flange Elevation (m)	Tubing Head Elevation (m)	Well Configuration Type Deviated	
KB-Ground Distance (m) 7.60	KB-Tubing Head Distance (m)	Total Depth (mKB) 3,080.50	PBTD (All) (mKB) Original Hole - 834.00		

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		10.00	0.00	10.00	508.0				
Surface		311.00	7.60	303.40	339.7	320.3	81.105	K-55	ST&C
Intermediate		1,056.00	7.60	1,048.40	244.5	226.6	53.574	K-55	ST&C
Open Hole		3,080.50	2,950.50	130.00	215.9				

Zones / Event Sequence		
Zone Name	Zone Code	Current Status

Job Information / AFE	
Objective Well Abandonment. Level II OROGO well that is compliant. Plan is to abandon this well bore when access to Arrowhead is opened up	
Target Formation Cambrian	

Daily Pressures	
Subtype	P (kPa)
SICP	
SITP	

Operation Summary	
Operations Next Report Period Operations wait for construction to complete lease access road and clearing of site.	
Operation at 6am Wait on daylight.	

24 Hr Operational Comments							
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Time Code	Ops Category	NPT	Operation Details
00:00	07:00	7.00	7.00	No Job Activity	PP		No activity on site.
07:00	19:00	12.00	19.00	RU/RD	PP		Construction start clearing, leveling and freezing in access road to site. Contractors on standby in camp awaiting completion of access road and leveling of site. End of report for day.
19:00	00:00	5.00	24.00	WOD	PP		Wait on daylight.

Other In Hole						
Des	Icon	OD (mm)	Top Depth (mKB)	Btm (mKB)	Run Date	
Bridge Plug - Permanent		177.8	3,080.00	3,080.50		
Bridge Plug - Permanent		226.6	785.00	785.50		
Bridge Plug - Permanent		215.9	2,929.00	2,929.50		
Bridge Plug - Permanent		215.9	2,665.00	2,665.50		
Bridge Plug - Permanent		215.9	1,850.00	1,850.50		
Bridge Plug - Permanent		215.9	1,500.00	1,500.50		
Bridge Plug - Permanent		215.9	1,089.00	1,090.00		
Fresh (non-saline) Water		226.6	54.00	755.00	1/22/2023 16:00	
Steel Plate		244.5	9.85	9.91	2/2/2023 14:00	
Glacier (dirt) Tile		244.5	0.00	9.85	2/2/2023 14:00	
Glacier (dirt) Tile		339.7	0.00	9.85	2/2/2023 14:00	

Bill 30 Requirements (Head Count Only)	
Type	Count
Day Shift	7

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

Flaring Volumes				
Type	Subtype	Des	Amount	Units
		No Gas Flared		



Daily ARO Operations

Well: PARA ET AL ARROWHEAD B-41
 Pad: B-41/6040-12245
 Business Unit: Central and Other
 Rig: Precision Well Servicing 830

Report Date: 1/13/2023
 Report #: 1

API/UWI 300/B-41/6040-12245/00	Surface Legal Location B-41/6040-12245	Field Name Arrowhead	State/Province NorthWest Territories	Working Interest (%) 40	License # N1733
Original KB Elevation (m) 520.00	Ground Elevation (m) 512.40	Casing Flange Elevation (m)	Tubing Head Elevation (m)	Well Configuration Type Deviated	
KB-Ground Distance (m) 7.60	KB-Tubing Head Distance (m)	Total Depth (mKB) 3,080.50	PBTD (All) (mKB) Original Hole - 834.00		
Weather & Road Condition					
Weather		T (°C)	Road Cond		
Overcast		-18	Poor		

Daily ARO Operations

Well: PARA ET AL ARROWHEAD B-41
Pad: B-41/6040-12245
Business Unit: Central and Other
Rig: Precision Well Servicing 830

Report Date: 1/20/2023
Report #: 2

API/UWI 300/B-41/6040-12245/00	Surface Legal Location B-41/6040-12245	Field Name Arrowhead	State/Province NorthWest Territories	Working Interest (%) 40	License # N1733
Original KB Elevation (m) 520.00	Ground Elevation (m) 512.40	Casing Flange Elevation (m)	Tubing Head Elevation (m)	Well Configuration Type Deviated	
KB-Ground Distance (m) 7.60	KB-Tubing Head Distance (m)	Total Depth (mKB) 3,080.50	PBTD (All) (mKB) Original Hole - 834.00		

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		10.00	0.00	10.00	508.0				
Surface		311.00	7.60	303.40	339.7	320.3	81.105	K-55	ST&C
Intermediate		1,056.00	7.60	1,048.40	244.5	226.6	53.574	K-55	ST&C
Open Hole		3,080.50	2,950.50	130.00	215.9				

Zones / Event Sequence		
Zone Name	Zone Code	Current Status

Job Information / AFE	
Objective Well Abandonment. Level II OROGO well that is compliant. Plan is to abandon this well bore when access to Arrowhead is opened up	
Target Formation Cambrian	

Daily Pressures	
Subtype	P (kPa)
SICP	
SITP	

Operation Summary	
Operations Next Report Period Move PWS # 830 and rental equipment on site.	
Operation at 6am Wait on daylight.	

24 Hr Operational Comments							
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Time Code	Ops Category	NPT	Operation Details
00:00	07:00	7.00	7.00	WOD	PP		No activity on site.
07:00	19:00	12.00	19.00	RU/RD	PP		Bed truck move rig matting from 300/C-02--6040-12300/0. Soft access road for 2 km prior to site. Determine movement of PWS Rig # 830 and rentals to location may damage road. Trucking equipment travel to move CNRL rig. Wait road access to be frozen in overnight. Contractors on standby in camp awaiting completion of access road and leveling of site. End of report for day.
19:00	00:00	5.00	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	07:00	7.00		PP		Wait on daylight.	

Other In Hole						
Des	Icon	OD (mm)	Top Depth (mKB)	Btm (mKB)	Run Date	
Bridge Plug - Permanent		177.8	3,080.00	3,080.50		
Bridge Plug - Permanent		226.6	785.00	785.50		
Bridge Plug - Permanent		215.9	2,929.00	2,929.50		
Bridge Plug - Permanent		215.9	2,665.00	2,665.50		
Bridge Plug - Permanent		215.9	1,850.00	1,850.50		
Bridge Plug - Permanent		215.9	1,500.00	1,500.50		
Bridge Plug - Permanent		215.9	1,089.00	1,090.00		
Fresh (non-saline) Water		226.6	54.00	755.00	1/22/2023 16:00	
Steel Plate		244.5	9.85	9.91	2/2/2023 14:00	
Glacier (dirt) Tile		244.5	0.00	9.85	2/2/2023 14:00	
Glacier (dirt) Tile		339.7	0.00	9.85	2/2/2023 14:00	

Bill 30 Requirements (Head Count Only)		
Type	Count	
Day Shift	3	

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



Daily ARO Operations

Well: PARA ET AL ARROWHEAD B-41
 Pad: B-41/6040-12245
 Business Unit: Central and Other
 Rig: Precision Well Servicing 830

Report Date: 1/20/2023
 Report #: 2

API/UWI 300/B-41/6040-12245/00	Surface Legal Location B-41/6040-12245	Field Name Arrowhead	State/Province NorthWest Territories	Working Interest (%) 40	License # N1733
Original KB Elevation (m) 520.00	Ground Elevation (m) 512.40	Casing Flange Elevation (m)	Tubing Head Elevation (m)	Well Configuration Type Deviated	
KB-Ground Distance (m) 7.60	KB-Tubing Head Distance (m)	Total Depth (mKB) 3,080.50	PBDT (All) (mKB) Original Hole - 834.00		
Flaring Volumes					
Type	Subtype	Des	Amount	Units	
		No Gas Flared			
Weather & Road Condition					
Weather		T (°C)	Road Cond		
Overcast		-2	Poor		

Daily ARO Operations

Well: PARA ET AL ARROWHEAD B-41
Pad: B-41/6040-12245
Business Unit: Central and Other
Rig: Precision Well Servicing 830

Report Date: 1/21/2023
Report #: 3

API/UWI 300/B-41/6040-12245/00		Surface Legal Location B-41/6040-12245		Field Name Arrowhead		State/Province NorthWest Territories		Working Interest (%) 40		License # N1733	
Original KB Elevation (m) 520.00		Ground Elevation (m) 512.40		Casing Flange Elevation (m)		Tubing Head Elevation (m)		Well Configuration Type Deviated			
KB-Ground Distance (m) 7.60		KB-Tubing Head Distance (m)		Total Depth (mKB) 3,080.50		PBTD (All) (mKB) Original Hole - 834.00					

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		10.00	0.00	10.00	508.0				
Surface		311.00	7.60	303.40	339.7	320.3	81.105	K-55	ST&C
Intermediate		1,056.00	7.60	1,048.40	244.5	226.6	53.574	K-55	ST&C
Open Hole		3,080.50	2,950.50	130.00	215.9				

Zones / Event Sequence		
Zone Name	Zone Code	Current Status

Job Information / AFE	
Objective Well Abandonment. Level II OROGO well that is compliant. Plan is to abandon this well bore when access to Arrowhead is opened up	
Target Formation Cambrian	

Daily Pressures	
Subtype	P (kPa)
SICP	0
SITP	

Operation Summary	
Operations Next Report Period Wireline to perform cement bond log from PBTD to surface. Run in 73 mm tubing to PBTD. Circulate well to non-saline (fresh) water.	
Operation at 6am Wait on daylight.	

24 Hr Operational Comments							
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Time Code	Ops Category	NPT	Operation Details
00:00	07:00	7.00	7.00	WOD	PP		Wait on daylight.
07:00	07:30	0.50	7.50	Safety Mtg	PP		Discuss job scope and program Review contractor JSA, and Emergency Transportation Plan. Ensure contractors have CSO or PRL 2023 orientation. Inspect work site for potential hazards. review contractor JSA for travel and rig up operations. Qwest Air medi-vac # QW410.
07:30	09:30	2.00	9.50	Rig Mob	PP		Supervisor inspect site prior to start of operations. No signs of hydrocarbon staining on site. No sins of LEL or H2S at wellhead. Grating around wellhead. Travel PWS # 830, doghouse, rig pump, 30 m³ rig tank, (2) 63 m³ tank, (1) 100 HP boiler, 279 mm BOP, 279 mm BOP Accumulator building, 279 mm BOP Generator building, catwalk, pipe rack, 131 = Joints Tubing 73 mm L-80 9.67 kg/m and (2) offices to site. Sow travel on new ice road.
09:30	11:30	2.00	11.50	RU/RD	PP		Construction assit in level ground around well centre. Rig up PWS # 830 and support equipment as per contractor, government and PRL policies and procedures. perform on going CAODC inspection as rig in equipment. Setup StarLink Communications. Rig in boiler and lines to wellhead and 63 m³ tank. Haul in 38 m³ non-aline (fresh) water. Slow travel on ice road. Confirm the surface casing vent is open into wellhead. Perform 30 minute surface casing vent bubble test. No bubbles observe.
11:30	13:00	1.50	13.00	BOPS	PP		Install Annular Bag onto BOP. Run accumulator lines to BOP. Setup remote control stand. Stump function BOP's. Start pressure 21 MPa. Close blind rams 8 secs. Close pipe rams in 8 secs. Close Annular 42 secs. End pressure 11 MPa. Recharge system in 3:31 minutes. Stump pressure test blind rams and tubing rams to 1.4 MPa (low) and 21 MPa (high). Held each 10 min. Test Annular Bag to 1.4 MPa (low) and 10 MPa (high). Held each test 10 min.
13:00	14:00	1.00	14.00	NU/ND WH/XT	PP		Remove Upper Wellhead assembly with Single 65 mm x 34.5 MPa Master Valve from 279 mm Adapter Flange. No tubing hanger. Extra time to remove rusty bolts.
14:00	15:00	1.00	15.00	BOPS	PP		Install 279 mm x 34.5 MPa Class III BOP on wellhead. Rig in work, floor, heater and tubing handling equipment.
15:00	15:30	0.50	15.50	BOPS	PP		Pump 0.10 m³ fresh water to fill casing. Pressure test wellhead connection to 1.4 MPa (low) and 7.0 MPa (high). Held each 10 minutes.



Daily ARO Operations

Well: PARA ET AL ARROWHEAD B-41
Pad: B-41/6040-12245
Business Unit: Central and Other
Rig: Precision Well Servicing 830

Report Date: 1/21/2023
Report #: 3

API/UWI 300/B-41/6040-12245/00	Surface Legal Location B-41/6040-12245	Field Name Arrowhead	State/Province NorthWest Territories	Working Interest (%) 40	License # N1733
Original KB Elevation (m) 520.00	Ground Elevation (m) 512.40	Casing Flange Elevation (m)	Tubing Head Elevation (m)	Well Configuration Type Deviated	
KB-Ground Distance (m) 7.60	KB-Tubing Head Distance (m)	Total Depth (mKB) 3,080.50	PBTD (All) (mKB) Original Hole - 834.00		

24 Hr Operational Comments

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Time Code	Ops Category	NPT	Operation Details
15:30	16:00	0.50	16.00	SDFN	PP		Winterize clean and secure wellhead and equipment. SDFN rig crew.
16:00	19:00	3.00	19.00	WOE	PP		Night boiler hand to heat wellhead and tank for night. End report for day.
19:00	00:00	5.00	24.00	WOD	PP		Night boiler hand to heat wellhead and tank for night. End report for day.

6:00 Update

Start Time	End Time	Dur (hr)	Time Code	Ops Category	NPT	Operation Details
00:00	07:00	7.00		PP		Wait on daylight.

Other In Hole

Des	Icon	OD (mm)	Top Depth (mKB)	Btm (mKB)	Run Date
Bridge Plug - Permanent		177.8	3,080.00	3,080.50	
Bridge Plug - Permanent		226.6	785.00	785.50	
Bridge Plug - Permanent		215.9	2,929.00	2,929.50	
Bridge Plug - Permanent		215.9	2,665.00	2,665.50	
Bridge Plug - Permanent		215.9	1,850.00	1,850.50	
Bridge Plug - Permanent		215.9	1,500.00	1,500.50	
Bridge Plug - Permanent		215.9	1,089.00	1,090.00	
Fresh (non-saline) Water		226.6	54.00	755.00	1/22/2023 16:00
Steel Plate		244.5	9.85	9.91	2/2/2023 14:00
Glacier (dirt) Tile		244.5	0.00	9.85	2/2/2023 14:00
Glacier (dirt) Tile		339.7	0.00	9.85	2/2/2023 14:00

Bill 30 Requirements (Head Count Only)

Type	Count
Day Shift	14

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)
Fresh Water	38.00	0.00	37.90	0.10	0.00	0.10	

Weather & Road Condition

Weather	T (°C)	Road Cond
Partly Cloudy	0	Fair

Daily ARO Operations

Well: PARA ET AL ARROWHEAD B-41
Pad: B-41/6040-12245
Business Unit: Central and Other
Rig: Precision Well Servicing 830

Report Date: 1/22/2023
Report #: 4

API/UWI 300/B-41/6040-12245/00		Surface Legal Location B-41/6040-12245		Field Name Arrowhead		State/Province NorthWest Territories		Working Interest (%) 40		License # N1733									
Original KB Elevation (m) 520.00			Ground Elevation (m) 512.40			Casing Flange Elevation (m)			Tubing Head Elevation (m)			Well Configuration Type Deviated							
KB-Ground Distance (m) 7.60				KB-Tubing Head Distance (m)				Total Depth (mKB) 3,080.50			PBTD (All) (mKB) Original Hole - 834.00								
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				10.00		0.00		10.00		508.0									
Surface				311.00		7.60		303.40		339.7		320.3		81.105		K-55		ST&C	
Intermediate				1,056.00		7.60		1,048.40		244.5		226.6		53.574		K-55		ST&C	
Open Hole				3,080.50		2,950.50		130.00		215.9									
Zones / Event Sequence																			
Zone Name				Zone Code						Current Status									
Job Information / AFE																			
Objective Well Abandonment. Level II OROGO well that is compliant. Plan is to abandon this well bore when access to Arrowhead is opened up																			
Target Formation Cambrian																			
Daily Pressures																			
Subtype								P (kPa)											
SICP								0											
SITP																			
Operation Summary																			
Operations Next Report Period Wait on cement bond log evaluation to determine program direction.																			
Operation at 6am Wait on daylight.																			
24 Hr Operational Comments																			
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Time Code	Ops Category	NPT	Operation Details												
00:00	07:00	7.00	7.00	WOD	PP		Wait on daylight.												
07:00	07:30	0.50	7.50	Safety Mtg	PP		Discuss job scope and program Review contractor JSA, and Emergency Transportation Plan. Ensure contractors have CSO or PRL 2023 orientation. Inspect work site for potential hazards. Review contractor JSA for electric line and tripping tubing operations. Qwest Air medi-vac # QW410.												
07:30	10:30	3.00	10.50	WL Logs	PP		- Spot and rig in electric line unit. Install 279 mm electric line well control equipment and adpater flange on top of 34.5 MPa x 279 mm Class III BOP. Run in hole CCL / Radial Cement evaluation Tool. Correlate on depth to surface casing shoe at 311 mKB. Ttag obstruction 727.3 mKB. Log well from 727.3 mKB to surface. Send log into calgary for further evaluation and correlation. Rig down electric line adapter flange and well control equipment. Rig down electric line unit. .												
10:30	12:00	1.50	12.00	RIH	PP		Tally, drift, pickup and run in (1) Reg tubing Collar 73 mm L-80 and ((78) Joints Tubing 73 mm L-80 9.67 kg/m. Tag obstruction 750.23 mKB.												
12:00	13:15	1.25	13.25	Circulating	PP		Position tubing bottom 749.8 mKB. Rig in circulation lines. Reverse circulate 31.1 m³ non-slaine (fresh) water at 600 L/min x 2.0 MPa. Return 29.1 m³ water with smell of inhibitor and 10,000 ppm salinity.The next returns of 2.0 m³ water is non-saline (fresh) water with no inhibitor and 0 ppm salinity. Entire wellbore is displaced to non-saline (fresh) water.												
13:15	13:45	0.50	13.75	POOH	PP		Pull and stand in derrick (52) Joints Tubing L-80 9.67 kg/m.												
13:45	14:15	0.50	14.25	PU/LD	PP		Pull and laydown (26) Joints Tubing L-80 9.67 kg/m and (1) Reg Tubing Collar 73 mm L-80												
14:15	15:00	0.75	15.00	SDFN	PP		Winterize and secure wellhead. SDFN rig crew.												
15:00	19:00	4.00	19.00	WOG	PP		Wait on OROGO approval and possible further operations pertaining to submitted CCL / Radial Cement Evaluation Log.												
19:00	00:00	5.00	24.00	WOD	PP		Night boiler hand to heat wellhead and tank for night. Cordova Water truck arrive and unload 30 m³ non-saline (fresh) water in tank. Truck stay on side of lease for night. End report for day.												
6:00 Update																			
Start Time	End Time	Dur (hr)	Time Code			Ops Category	NPT	Operation Details											
00:00	07:00	7.00				PP		Wait on daylight.											
Other In Hole																			
Des						Icon	OD (mm)		Top Depth (mKB)		Btm (mKB)		Run Date						
Bridge Plug - Permanent							177.8		3,080.00		3,080.50								



Daily ARO Operations

Well: PARA ET AL ARROWHEAD B-41
Pad: B-41/6040-12245
Business Unit: Central and Other
Rig: Precision Well Servicing 830

Report Date: 1/22/2023
Report #: 4

API/UWI 300/B-41/6040-12245/00		Surface Legal Location B-41/6040-12245		Field Name Arrowhead		State/Province NorthWest Territories		Working Interest (%) 40		License # N1733	
Original KB Elevation (m) 520.00		Ground Elevation (m) 512.40		Casing Flange Elevation (m)		Tubing Head Elevation (m)		Well Configuration Type Deviated			
KB-Ground Distance (m) 7.60		KB-Tubing Head Distance (m)		Total Depth (mKB) 3,080.50		PBTD (All) (mKB) Original Hole - 834.00					
Other In Hole											
Des			Icon	OD (mm)		Top Depth (mKB)		Btm (mKB)		Run Date	
Bridge Plug - Permanent				226.6		785.00		785.50			
Bridge Plug - Permanent				215.9		2,929.00		2,929.50			
Bridge Plug - Permanent				215.9		2,665.00		2,665.50			
Bridge Plug - Permanent				215.9		1,850.00		1,850.50			
Bridge Plug - Permanent				215.9		1,500.00		1,500.50			
Bridge Plug - Permanent				215.9		1,089.00		1,090.00			
Fresh (non-saline) Water				226.6		54.00		755.00		1/22/2023 16:00	
Steel Plate				244.5		9.85		9.91		2/2/2023 14:00	
Glacier (dirt) Tile				244.5		0.00		9.85		2/2/2023 14:00	
Glacier (dirt) Tile				339.7		0.00		9.85		2/2/2023 14:00	
Bill 30 Requirements (Head Count Only)											
Type						Count					
Day Shift						12					
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)				
Fresh Water	38.00	0.00	8.70	29.30	0.00	29.30					
Weather & Road Condition											
Weather				T (°C)		Road Cond					
Partly Cloudy				-5		Fair					

Daily ARO Operations

Well: PARA ET AL ARROWHEAD B-41
Pad: B-41/6040-12245
Business Unit: Central and Other
Rig: Precision Well Servicing 830

Report Date: 1/23/2023
Report #: 5

API/UWI 300/B-41/6040-12245/00		Surface Legal Location B-41/6040-12245		Field Name Arrowhead		State/Province NorthWest Territories		Working Interest (%) 40		License # N1733									
Original KB Elevation (m) 520.00			Ground Elevation (m) 512.40			Casing Flange Elevation (m)			Tubing Head Elevation (m)			Well Configuration Type Deviated							
KB-Ground Distance (m) 7.60				KB-Tubing Head Distance (m)				Total Depth (mKB) 3,080.50			PBTD (All) (mKB) Original Hole - 834.00								
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				10.00		0.00		10.00		508.0									
Surface				311.00		7.60		303.40		339.7		320.3		81.105		K-55		ST&C	
Intermediate				1,056.00		7.60		1,048.40		244.5		226.6		53.574		K-55		ST&C	
Open Hole				3,080.50		2,950.50		130.00		215.9									
Zones / Event Sequence																			
Zone Name				Zone Code						Current Status									
Job Information / AFE																			
Objective Well Abandonment. Level II OROGO well that is compliant. Plan is to abandon this well bore when access to Arrowhead is opened up																			
Target Formation Cambrian																			
Daily Pressures																			
Subtype								P (kPa)											
SICP								0											
SITP																			
Operation Summary																			
Operations Next Report Period Rig parked on location waiting for construction to complete freezing in of 300/O-15-6030-12300/1.																			
Operation at 6am Wait on daylight.																			
24 Hr Operational Comments																			
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Time Code	Ops Category	NPT	Operation Details												
00:00	07:00	7.00	7.00	WOD	PP		Wait on daylight.												
07:00	07:30	0.50	7.50	Safety Mtg	PP		Discuss job scope and program Review contractor JSA, and Emergency Transportation Plan. Ensure contractors have CSO or PRL 2023 orientation. Inspect work site for potential hazards. Review contractor JSA for tripping tubing and rig down operations. Qwest Air medi-vac # QW410.												
07:30	08:00	0.50	8.00	RIH	PP		Run in Bow Plug 73mm and (54) Joints Tubing 73 mm L-80 to 503 mKB. Displace from wellbore 1.51 m³ non-saline (fresh) water.												
08:00	09:00	1.00	9.00	POOH	PP		Pull and laydown (52) Joints Tubing 73 mm L-80 and (1) Bow Plug 73 mm. **NOTE** Estimated fluid level 54 mKB.												
09:00	10:30	1.50	10.50	BOPS	PP		Rig down 5 MPa x 12 m³ test vessel, main line, flare line and 19 m flare stack. Rig down working floor and tubing handling equipment. Split from BOP and lay down 279 mm Annular Bag. Remove 279 mm 34.5 MPa BOP.												
10:30	12:00	1.50	12.00	NU/ND WH/XT	PP		. Install 279 mm Adapter Flange with Upper Wellhead Single 65 mm Master Valve assembly. Plug, clean and chain secure wellhead. remove handles from any valve not chained.												
12:00	16:00	4.00	16.00	RU/RD	PP		Rig down rental accumulator lines, generator and accumulator building. Rig down pump line, return line and steam lines. Haul (34) m³ work fluids off site. Rig down PWS 830 and support equipment. Rig parked on location waiting for construction to complete freezing in of 300/O-15-6030-12300/1												
16:00	17:00	1.00	17.00	SDFN	PP		Clean and secure location. Winterize equipment. SDFN rig crew.												
17:00	19:00	2.00	19.00	WOE	PP		Wait on equipment to perform Cut n cap operations.												
19:00	00:00	5.00	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	07:00	7.00				PP		Wait on daylight for rig operations.											
Other In Hole																			
Des					Icon		OD (mm)		Top Depth (mKB)		Btm (mKB)		Run Date						
Bridge Plug - Permanent							177.8		3,080.00		3,080.50								
Bridge Plug - Permanent							226.6		785.00		785.50								



Daily ARO Operations

Well: PARA ET AL ARROWHEAD B-41
Pad: B-41/6040-12245
Business Unit: Central and Other
Rig: Precision Well Servicing 830

Report Date: 1/23/2023
Report #: 5

API/UWI 300/B-41/6040-12245/00		Surface Legal Location B-41/6040-12245		Field Name Arrowhead		State/Province NorthWest Territories		Working Interest (%) 40		License # N1733	
Original KB Elevation (m) 520.00		Ground Elevation (m) 512.40		Casing Flange Elevation (m)		Tubing Head Elevation (m)		Well Configuration Type Deviated			
KB-Ground Distance (m) 7.60		KB-Tubing Head Distance (m)		Total Depth (mKB) 3,080.50		PBTD (All) (mKB) Original Hole - 834.00					
Other In Hole											
Des			Icon	OD (mm)	Top Depth (mKB)	Btm (mKB)	Run Date				
Bridge Plug - Permanent				215.9	2,929.00	2,929.50					
Bridge Plug - Permanent				215.9	2,665.00	2,665.50					
Bridge Plug - Permanent				215.9	1,850.00	1,850.50					
Bridge Plug - Permanent				215.9	1,500.00	1,500.50					
Bridge Plug - Permanent				215.9	1,089.00	1,090.00					
Steel Plate				244.5	9.85	9.91	2/2/2023 14:00				
Glacier (dirt) Tile				244.5	0.00	9.85	2/2/2023 14:00				
Glacier (dirt) Tile				339.7	0.00	9.85	2/2/2023 14:00				
Bill 30 Requirements (Head Count Only)											
Type						Count					
Day Shift						11					
Contractor Hours (Head Count & Hours)											
Type						Count		Reg Work Time (hr)			
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)				
Fresh Water	38.00	4.00	4.70	29.30	0.00	29.30					
Produced Water	0.00	34.00	-34.00								
Weather & Road Condition											
Weather				T (°C)		Road Cond					
Snow				-19		Fair					

Daily ARO Operations

Well: PARA ET AL ARROWHEAD B-41
Pad: B-41/6040-12245
Business Unit: Central and Other
Rig: Precision Well Servicing 830

Report Date: 1/24/2023
Report #: 6

API/UWI 300/B-41/6040-12245/00	Surface Legal Location B-41/6040-12245	Field Name Arrowhead	State/Province NorthWest Territories	Working Interest (%) 40	License # N1733
Original KB Elevation (m) 520.00	Ground Elevation (m) 512.40	Casing Flange Elevation (m)	Tubing Head Elevation (m)	Well Configuration Type Deviated	
KB-Ground Distance (m) 7.60	KB-Tubing Head Distance (m)	Total Depth (mKB) 3,080.50	PBDT (All) (mKB) Original Hole - 834.00		

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		10.00	0.00	10.00	508.0				
Surface		311.00	7.60	303.40	339.7	320.3	81.105	K-55	ST&C
Intermediate		1,056.00	7.60	1,048.40	244.5	226.6	53.574	K-55	ST&C
Open Hole		3,080.50	2,950.50	130.00	215.9				

Zones / Event Sequence		
Zone Name	Zone Code	Current Status

Job Information / AFE	
Objective Well Abandonment. Level II OROGO well that is compliant. Plan is to abandon this well bore when access to Arrowhead is opened up	
Target Formation Cambrian	

Daily Pressures	
Subtype	P (kPa)
SICP	0
SITP	

Operation Summary	
Operations Next Report Period Wait for excavator to complete Cut n Cap operations on other sites.	
Operation at 6am Wait on daylight.	

24 Hr Operational Comments							
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Time Code	Ops Category	NPT	Operation Details
00:00	07:00	7.00	7.00	WOD	PP		Wait on daylight for rig operations.
07:00	07:30	0.50	7.50	Safety Mtg	PP		Discuss job scope and program Review contractor JSA, and Emergency Transportation Plan. Inspect work site for potential hazards. Review contractor JSA for maintenance operations. Qwest Air medi-vac # QW410. Secure onsite communications.
07:30	19:00	11.50	19.00	WOE	PP		- Rig perform scheduled maintenance on equipment. - Contractors on standby in camp. - Unable to get track hoe or welder to perform Cut n Cap operations until 25-Jan-2023. - End of report for day.
19:00	00:00	5.00	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	07:00	7.00		PP		Wait on daylight for rig operations.	

Other In Hole					
Des	Icon	OD (mm)	Top Depth (mKB)	Btm (mKB)	Run Date
Bridge Plug - Permanent		177.8	3,080.00	3,080.50	
Bridge Plug - Permanent		226.6	785.00	785.50	
Bridge Plug - Permanent		215.9	2,929.00	2,929.50	
Bridge Plug - Permanent		215.9	2,665.00	2,665.50	
Bridge Plug - Permanent		215.9	1,850.00	1,850.50	
Bridge Plug - Permanent		215.9	1,500.00	1,500.50	
Bridge Plug - Permanent		215.9	1,089.00	1,090.00	
Steel Plate		244.5	9.85	9.91	2/2/2023 14:00
Glacier (dirt) Tile		244.5	0.00	9.85	2/2/2023 14:00
Glacier (dirt) Tile		339.7	0.00	9.85	2/2/2023 14:00

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



Daily ARO Operations

Well: PARA ET AL ARROWHEAD B-41
 Pad: B-41/6040-12245
 Business Unit: Central and Other
 Rig: Precision Well Servicing 830

Report Date: 1/24/2023
 Report #: 6

API/UWI 300/B-41/6040-12245/00		Surface Legal Location B-41/6040-12245		Field Name Arrowhead		State/Province NorthWest Territories		Working Interest (%) 40		License # N1733	
Original KB Elevation (m) 520.00		Ground Elevation (m) 512.40		Casing Flange Elevation (m)		Tubing Head Elevation (m)		Well Configuration Type Deviated			
KB-Ground Distance (m) 7.60		KB-Tubing Head Distance (m)		Total Depth (mKB) 3,080.50		PBTD (All) (mKB) Original Hole - 834.00					
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)				
Fresh Water	38.00	4.00	4.70	29.30	0.00	29.30					
Produced Water	0.00	34.00	-34.00								
Weather & Road Condition											
Weather				T (°C)		Road Cond					
Partly Cloudy				-17		Fair					

Daily ARO Operations

Well: PARA ET AL ARROWHEAD B-41
Pad: B-41/6040-12245
Business Unit: Central and Other
Rig: Precision Well Servicing 830

Report Date: 1/25/2023
Report #: 7

API/UWI 300/B-41/6040-12245/00	Surface Legal Location B-41/6040-12245	Field Name Arrowhead	State/Province NorthWest Territories	Working Interest (%) 40	License # N1733
Original KB Elevation (m) 520.00	Ground Elevation (m) 512.40	Casing Flange Elevation (m)	Tubing Head Elevation (m)	Well Configuration Type Deviated	
KB-Ground Distance (m) 7.60	KB-Tubing Head Distance (m)	Total Depth (mKB) 3,080.50	PBTD (All) (mKB) Original Hole - 834.00		

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		10.00	0.00	10.00	508.0				
Surface		311.00	7.60	303.40	339.7	320.3	81.105	K-55	ST&C
Intermediate		1,056.00	7.60	1,048.40	244.5	226.6	53.574	K-55	ST&C
Open Hole		3,080.50	2,950.50	130.00	215.9				

Zones / Event Sequence		
Zone Name	Zone Code	Current Status

Job Information / AFE	
Objective Well Abandonment. Level II OROGO well that is compliant. Plan is to abandon this well bore when access to Arrowhead is opened up	
Target Formation Cambrian	

Daily Pressures	
Subtype	P (kPa)
SICP	0
SITP	

Operation Summary	
Operations Next Report Period Wait for excavator to complete Cut n Cap operations on other sites.	
Operation at 6am Wait on daylight.	

24 Hr Operational Comments							
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Time Code	Ops Category	NPT	Operation Details
00:00	07:00	7.00	7.00	WOD	PP		Wait on daylight for rig operations.
07:00	07:30	0.50	7.50	Safety Mtg	PP		Discuss job scope and program Review contractor JSA, and Emergency Transportation Plan. Inspect work site for potential hazards. Review contractor JSA for maintenance operations. Qwest Air medi-vac # QW410. Secure onsite communications.
07:30	19:00	11.50	19.00	WOE	PP		- Rig perform scheduled maintenance on equipment. - Contractors on standby in camp. - Wait on track hoe or welder to perform Cut n Cap operations on other sites. - Wait on construction to freeze in road access. - End of report.
19:00	00:00	5.00	24.00	WOD	PP		Wait on daylight.

Other In Hole					
Des	Icon	OD (mm)	Top Depth (mKB)	Btm (mKB)	Run Date
Bridge Plug - Permanent		177.8	3,080.00	3,080.50	
Bridge Plug - Permanent		226.6	785.00	785.50	
Bridge Plug - Permanent		215.9	2,929.00	2,929.50	
Bridge Plug - Permanent		215.9	2,665.00	2,665.50	
Bridge Plug - Permanent		215.9	1,850.00	1,850.50	
Bridge Plug - Permanent		215.9	1,500.00	1,500.50	
Bridge Plug - Permanent		215.9	1,089.00	1,090.00	
Steel Plate		244.5	9.85	9.91	2/2/2023 14:00
Glacier (dirt) Tile		244.5	0.00	9.85	2/2/2023 14:00
Glacier (dirt) Tile		339.7	0.00	9.85	2/2/2023 14:00

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

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



Daily ARO Operations

Well: PARA ET AL ARROWHEAD B-41
 Pad: B-41/6040-12245
 Business Unit: Central and Other
 Rig: Precision Well Servicing 830

Report Date: 1/25/2023
 Report #: 7

API/UWI 300/B-41/6040-12245/00		Surface Legal Location B-41/6040-12245		Field Name Arrowhead		State/Province NorthWest Territories		Working Interest (%) 40		License # N1733					
Original KB Elevation (m) 520.00		Ground Elevation (m) 512.40		Casing Flange Elevation (m)		Tubing Head Elevation (m)		Well Configuration Type Deviated							
KB-Ground Distance (m) 7.60		KB-Tubing Head Distance (m)		Total Depth (mKB) 3,080.50		PBTD (All) (mKB) Original Hole - 834.00									
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)	
Fresh Water		38.00		4.00		4.70		29.30		0.00		29.30			
Produced Water		0.00		34.00		-34.00									
Weather & Road Condition															
Weather				T (°C)				Road Cond							
Partly Cloudy				-1				Fair							

Daily ARO Operations

Well: PARA ET AL ARROWHEAD B-41
Pad: B-41/6040-12245
Business Unit: Central and Other
Rig: Precision Well Servicing 830

Report Date: 2/1/2023
Report #: 8

API/UWI 300/B-41/6040-12245/00		Surface Legal Location B-41/6040-12245		Field Name Arrowhead		State/Province NorthWest Territories		Working Interest (%) 40		License # N1733	
Original KB Elevation (m) 520.00		Ground Elevation (m) 512.40		Casing Flange Elevation (m)		Tubing Head Elevation (m)		Well Configuration Type Deviated			
KB-Ground Distance (m) 7.60		KB-Tubing Head Distance (m)		Total Depth (mKB) 3,080.50		PBTD (All) (mKB) Original Hole - 834.00					

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		10.00	0.00	10.00	508.0				
Surface		311.00	7.60	303.40	339.7	320.3	81.105	K-55	ST&C
Intermediate		1,056.00	7.60	1,048.40	244.5	226.6	53.574	K-55	ST&C
Open Hole		3,080.50	2,950.50	130.00	215.9				

Zones / Event Sequence		
Zone Name	Zone Code	Current Status

Job Information / AFE	
Objective Well Abandonment. Level II OROGO well that is compliant. Plan is to abandon this well bore when access to Arrowhead is opened up	
Target Formation Cambrian	

Daily Pressures	
Subtype	P (kPa)
SICP	
SITP	

Operation Summary	
Operations Next Report Period Cut n Cap casing. Backfill bellhole.	
Operation at 6am Wait on daylight.	

24 Hr Operational Comments							
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Time Code	Ops Category	NPT	Operation Details
00:00	09:00	9.00	9.00	WOD	PP		Wait on daylight.
09:00	09:30	0.50	9.50	Safety Mtg	PP		Held safety and operational meeting. Discuss job scope and program with all personal. Document & discuss expected daily operations, hazards & control measures. Review Site ERP and service providers JSA's.
09:30	16:00	6.50	16.00	Cut/Cap	PP		Walk track hoe from PRL 300/C-02-6040-12300/0 to site on 31-Jan-2023. Issues starting track hoe due to cold (-36 °C) weather. No visible bubbles around wellhead. Swept area and around wellhead for LEL. None detected. Test Intermediate Casing # 1 and Surface Casing for LEL. None detected. Confirm no existence of underground lines near well centre. Track hoe dig bellhole around wellhead to depth of 3.5 m. Ensure proper slopping, stairway exit and spoil pile spacing from hellhole. Secure and flag off bellhole perimeter for night. Move equipment to PRL 300/O-15--6030-12300/1 End report for day.
16:00	16:30	0.50	16.50	SDFN	PP		Secure and flag off hellhole perimeter for night. Move equipment to PRL 300/O-15--6030-12300/1 End report for day.
16:30	00:00	7.50	24.00	WOE	PP		Wait on welder to complete Cut n Cap operations.

6:00 Update							
Start Time	End Time	Dur (hr)	Time Code	Ops Category	NPT	Operation Details	
00:00	13:00	13.00		PP		Wait on daylight for Cut and Cap operations.	

Other In Hole					
Des	Icon	OD (mm)	Top Depth (mKB)	Btm (mKB)	Run Date
Bridge Plug - Permanent		177.8	3,080.00	3,080.50	
Bridge Plug - Permanent		226.6	785.00	785.50	



Daily ARO Operations

Well: PARA ET AL ARROWHEAD B-41
 Pad: B-41/6040-12245
 Business Unit: Central and Other
 Rig: Precision Well Servicing 830

Report Date: 2/1/2023
 Report #: 8

API/UWI 300/B-41/6040-12245/00	Surface Legal Location B-41/6040-12245	Field Name Arrowhead	State/Province NorthWest Territories	Working Interest (%) 40	License # N1733		
Original KB Elevation (m) 520.00	Ground Elevation (m) 512.40	Casing Flange Elevation (m)	Tubing Head Elevation (m)	Well Configuration Type Deviated			
KB-Ground Distance (m) 7.60	KB-Tubing Head Distance (m)	Total Depth (mKB) 3,080.50	PBTD (All) (mKB) Original Hole - 834.00				
Other In Hole							
Des	Icon	OD (mm)	Top Depth (mKB)	Btm (mKB)	Run Date		
Bridge Plug - Permanent		215.9	2,929.00	2,929.50			
Bridge Plug - Permanent		215.9	2,665.00	2,665.50			
Bridge Plug - Permanent		215.9	1,850.00	1,850.50			
Bridge Plug - Permanent		215.9	1,500.00	1,500.50			
Bridge Plug - Permanent		215.9	1,089.00	1,090.00			
Steel Plate		244.5	9.85	9.91	2/2/2023 14:00		
Glacier (dirt) Tile		244.5	0.00	9.85	2/2/2023 14:00		
Glacier (dirt) Tile		339.7	0.00	9.85	2/2/2023 14:00		
Bill 30 Requirements (Head Count Only)							
Type	Count						
Day Shift	3						
Contractor Hours (Head Count & Hours)							
Type	Count	Reg Work Time (hr)					
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)
Fresh Water	38.00	4.00	4.70	29.30	0.00	29.30	
Produced Water	0.00	34.00	-34.00				
Weather & Road Condition							
Weather	T (°C)		Road Cond				
Partly Cloudy	-36		Fair				

Daily ARO Operations

Well: PARA ET AL ARROWHEAD B-41
Pad: B-41/6040-12245
Business Unit: Central and Other
Rig: Precision Well Servicing 830

Report Date: 2/2/2023
Report #: 9

API/UWI 300/B-41/6040-12245/00		Surface Legal Location B-41/6040-12245		Field Name Arrowhead		State/Province NorthWest Territories		Working Interest (%) 40		License # N1733									
Original KB Elevation (m) 520.00			Ground Elevation (m) 512.40			Casing Flange Elevation (m)			Tubing Head Elevation (m)			Well Configuration Type Deviated							
KB-Ground Distance (m) 7.60				KB-Tubing Head Distance (m)				Total Depth (mKB) 3,080.50			PBTD (All) (mKB) Original Hole - 834.00								
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				10.00		0.00		10.00		508.0									
Surface				311.00		7.60		303.40		339.7		320.3		81.105		K-55		ST&C	
Intermediate				1,056.00		7.60		1,048.40		244.5		226.6		53.574		K-55		ST&C	
Open Hole				3,080.50		2,950.50		130.00		215.9									
Zones / Event Sequence																			
Zone Name				Zone Code						Current Status									
Job Information / AFE																			
Objective Well Abandonment. Level II OROGO well that is compliant. Plan is to abandon this well bore when access to Arrowhead is opened up																			
Target Formation Cambrian																			
Daily Pressures																			
Subtype								P (kPa)											
SICP								0											
SITP																			
Operation Summary																			
Operations Next Report Period Back fill and rough level bell hole. Cut n Cap completed.																			
Operation at 6am Operations completed.																			
24 Hr Operational Comments																			
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Time Code	Ops Category	NPT	Operation Details												
00:00	13:00	13.00	13.00	WOD	PP		Wait on daylight for Cut and Cap operations.												
13:00	13:30	0.50	13.50	Safety Mtg	PP		Discuss job scope and program Review contractor JSA, and Emergency Transportation Plan. Inspect work site for potential hazards. Review contractor JSA for cut n cap operations and ground distrurbance. Qwest Air medi-vac # QW410.												
13:30	16:00	2.50	16.00	Cut/Cap	PP		No visible bubbles around wellhead. Swept area and around wellhead for LEL. None detected. Swept 244.5 mm Production Casing and 339.7 mm Surface Casing for LEL. None detected. Confirm reading with welder 4 Head Monitor. Cut and remove 508 mm conductor at 2.4 m (10.0 mKB) below surface casing flange. Chip away cement between conductor and surface casing. Cut window in 339.7 mm Surface Casing and 244.5 mm Production Casing. No surface cement between Surface Casing and Production Casing at surface. Cut 244.5 mm Production Casing at 2.25 m (9.85 mKB) and 339.7 mm Surface Casing at 2.30 m (9.90 mKB) depth below surface casing flange. KB-GL = 7.6 m. Remove surface flange from bellhole. Stitch (vent) weld 6.3 mm plate on top of 244.5 mm Production Casing (9.85 mKB) and Surface Casing (9.90 mKB). Weld write 1733 on 244.5 mm Production Casing cap. Secure and flag off bellhole perimeter for night. "NOTE" Stop operations for day due to elections in Ft Laird End report for day.												
16:00	00:00	8.00	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	11:00	11.00		PP		Wait on dayl;ight.													
Other In Hole																			
Des					Icon	OD (mm)	Top Depth (mKB)	Btm (mKB)	Run Date										
Bridge Plug - Permanent						177.8	3,080.00	3,080.50											
Bridge Plug - Permanent						226.6	785.00	785.50											
Bridge Plug - Permanent						215.9	2,929.00	2,929.50											
Bridge Plug - Permanent						215.9	2,665.00	2,665.50											



Daily ARO Operations

Well: PARA ET AL ARROWHEAD B-41
Pad: B-41/6040-12245
Business Unit: Central and Other
Rig: Precision Well Servicing 830

Report Date: 2/2/2023
Report #: 9

API/UWI 300/B-41/6040-12245/00		Surface Legal Location B-41/6040-12245		Field Name Arrowhead		State/Province NorthWest Territories		Working Interest (%) 40		License # N1733	
Original KB Elevation (m) 520.00		Ground Elevation (m) 512.40		Casing Flange Elevation (m)		Tubing Head Elevation (m)		Well Configuration Type Deviated			
KB-Ground Distance (m) 7.60		KB-Tubing Head Distance (m)		Total Depth (mKB) 3,080.50		PBTD (All) (mKB) Original Hole - 834.00					
Other In Hole											
Des			Icon	OD (mm)		Top Depth (mKB)		Btm (mKB)		Run Date	
Bridge Plug - Permanent				215.9		1,850.00		1,850.50			
Bridge Plug - Permanent				215.9		1,500.00		1,500.50			
Bridge Plug - Permanent				215.9		1,089.00		1,090.00			
Steel Plate				244.5		9.85		9.91		2/2/2023 14:00	
Glacier (dirt) Tile				244.5		0.00		9.85		2/2/2023 14:00	
Glacier (dirt) Tile				339.7		0.00		9.85		2/2/2023 14:00	
Bill 30 Requirements (Head Count Only)											
Type						Count					
Day Shift						4					
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)				
Fresh Water	38.00	4.00	4.70	29.30	0.00	29.30					
Produced Water	0.00	34.00	-34.00								
Weather & Road Condition											
Weather				T (°C)		Road Cond					
Partly Cloudy				-29		Fair					

Daily ARO Operations

Well: PARA ET AL ARROWHEAD B-41
Pad: B-41/6040-12245
Business Unit: Central and Other
Rig: Precision Well Servicing 830

Report Date: 2/3/2023
Report #: 10

API/UWI 300/B-41/6040-12245/00		Surface Legal Location B-41/6040-12245		Field Name Arrowhead		State/Province NorthWest Territories		Working Interest (%) 40		License # N1733	
Original KB Elevation (m) 520.00		Ground Elevation (m) 512.40		Casing Flange Elevation (m)		Tubing Head Elevation (m)		Well Configuration Type Deviated			
KB-Ground Distance (m) 7.60		KB-Tubing Head Distance (m)		Total Depth (mKB) 3,080.50		PBDT (All) (mKB) Original Hole - 834.00					

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		10.00	0.00	10.00	508.0				
Surface		311.00	7.60	303.40	339.7	320.3	81.105	K-55	ST&C
Intermediate		1,056.00	7.60	1,048.40	244.5	226.6	53.574	K-55	ST&C
Open Hole		3,080.50	2,950.50	130.00	215.9				

Zones / Event Sequence		
Zone Name	Zone Code	Current Status

Job Information / AFE	
Objective Well Abandonment. Level II OROGO well that is compliant. Plan is to abandon this well bore when access to Arrowhead is opened up	
Target Formation Cambrian	

Daily Pressures	
Subtype	P (kPa)
SICP	0

Operation Summary	
Operations Next Report Period Supervisor travel to base in GP.	
Operation at 6am Wait on daylight.	

24 Hr Operational Comments							
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Time Code	Ops Category	NPT	Operation Details
00:00	11:00	11.00	11.00	WOD	PP		Wait on daylight.
11:00	11:30	0.50	11.50	Safety Mtg	PP		Held safety and operational meeting. Discuss job scope and program with all personal. Document & discuss expected daily operations, hazards & control measures. Review Site ERP and service providers JSA's.
11:30	19:00	7.50	19.00	Cut/Cap	PP		Back fill and tamp bellhole with loader. Rough level surface ground. 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 1733 + Paramount Res Ltd + 2-Feb-2023 + 60° 30' 8.4931 N + 122° 53' 16.9292 W + NAD 83 Cut n Cap job completed. Release contractors. End report for day.
19:00	00:00	5.00	24.00	WOE	PP		Wait on daylight.

6:00 Update							
Start Time	End Time	Dur (hr)	Time Code	Ops Category	NPT	Operation Details	
00:00	08:00	8.00		PP		Wait on daylight	

Other In Hole					
Des	Icon	OD (mm)	Top Depth (mKB)	Btm (mKB)	Run Date
Bridge Plug - Permanent	⚡	177.8	3,080.00	3,080.50	
Bridge Plug - Permanent	⚡	226.6	785.00	785.50	
Bridge Plug - Permanent	⚡	215.9	2,929.00	2,929.50	
Bridge Plug - Permanent	⚡	215.9	2,665.00	2,665.50	
Bridge Plug - Permanent	⚡	215.9	1,850.00	1,850.50	
Bridge Plug - Permanent	⚡	215.9	1,500.00	1,500.50	
Bridge Plug - Permanent	⚡	215.9	1,089.00	1,090.00	

Bill 30 Requirements (Head Count Only)	
Type	Count
Day Shift	2
Safety	2

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



Daily ARO Operations

Well: PARA ET AL ARROWHEAD B-41
 Pad: B-41/6040-12245
 Business Unit: Central and Other
 Rig: Precision Well Servicing 830

Report Date: 2/3/2023
 Report #: 10

API/UWI 300/B-41/6040-12245/00	Surface Legal Location B-41/6040-12245	Field Name Arrowhead	State/Province NorthWest Territories	Working Interest (%) 40	License # N1733		
Original KB Elevation (m) 520.00	Ground Elevation (m) 512.40	Casing Flange Elevation (m)	Tubing Head Elevation (m)	Well Configuration Type Deviated			
KB-Ground Distance (m) 7.60	KB-Tubing Head Distance (m)	Total Depth (mKB) 3,080.50	PBTD (All) (mKB) Original Hole - 834.00				
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)
Fresh Water	38.00	4.00	4.70	29.30	0.00	29.30	
Produced Water	0.00	34.00	-34.00				
Weather & Road Condition							
Weather			T (°C)	Road Cond			
Partly Cloudy			-25	Fair			

Daily ARO Operations

Well: PARA ET AL ARROWHEAD B-41
Pad: B-41/6040-12245
Business Unit: Central and Other
Rig: Precision Well Servicing 830

Report Date: 2/4/2023
Report #: 11

API/UWI 300/B-41/6040-12245/00		Surface Legal Location B-41/6040-12245		Field Name Arrowhead		State/Province NorthWest Territories		Working Interest (%) 40		License # N1733	
Original KB Elevation (m) 520.00		Ground Elevation (m) 512.40		Casing Flange Elevation (m)		Tubing Head Elevation (m)		Well Configuration Type Deviated			
KB-Ground Distance (m) 7.60		KB-Tubing Head Distance (m)		Total Depth (mKB) 3,080.50		PBTD (All) (mKB) Original Hole - 834.00					

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		10.00	0.00	10.00	508.0				
Surface		311.00	7.60	303.40	339.7	320.3	81.105	K-55	ST&C
Intermediate		1,056.00	7.60	1,048.40	244.5	226.6	53.574	K-55	ST&C
Open Hole		3,080.50	2,950.50	130.00	215.9				

Zones / Event Sequence		
Zone Name	Zone Code	Current Status

Job Information / AFE	
Objective Well Abandonment. Level II OROGO well that is compliant. Plan is to abandon this well bore when access to Arrowhead is opened up	
Target Formation Cambrian	

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	08:00	8.00	8.00	WOD	PP		Wait on daylight
08:00	18:00	10.00	18.00	TTLY	PP		Supervisor travel 845 km to base in GP.
18:00	00:00	6.00	24.00	No Job Activity	PP		Job completed.

Other In Hole					
Des	Icon	OD (mm)	Top Depth (mKB)	Btm (mKB)	Run Date
Bridge Plug - Permanent		177.8	3,080.00	3,080.50	
Bridge Plug - Permanent		226.6	785.00	785.50	
Bridge Plug - Permanent		215.9	2,929.00	2,929.50	
Bridge Plug - Permanent		215.9	2,665.00	2,665.50	
Bridge Plug - Permanent		215.9	1,850.00	1,850.50	
Bridge Plug - Permanent		215.9	1,500.00	1,500.50	
Bridge Plug - Permanent		215.9	1,089.00	1,090.00	

Bill 30 Requirements (Head Count Only)	
Type	Count
Day Shift	1
Safety	1

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)
Fresh Water	38.00	4.00	4.70	29.30	0.00	29.30	
Produced Water	0.00	34.00	-34.00				

Weather & Road Condition		
Weather	T (°C)	Road Cond
Partly Cloudy	-23	Fair



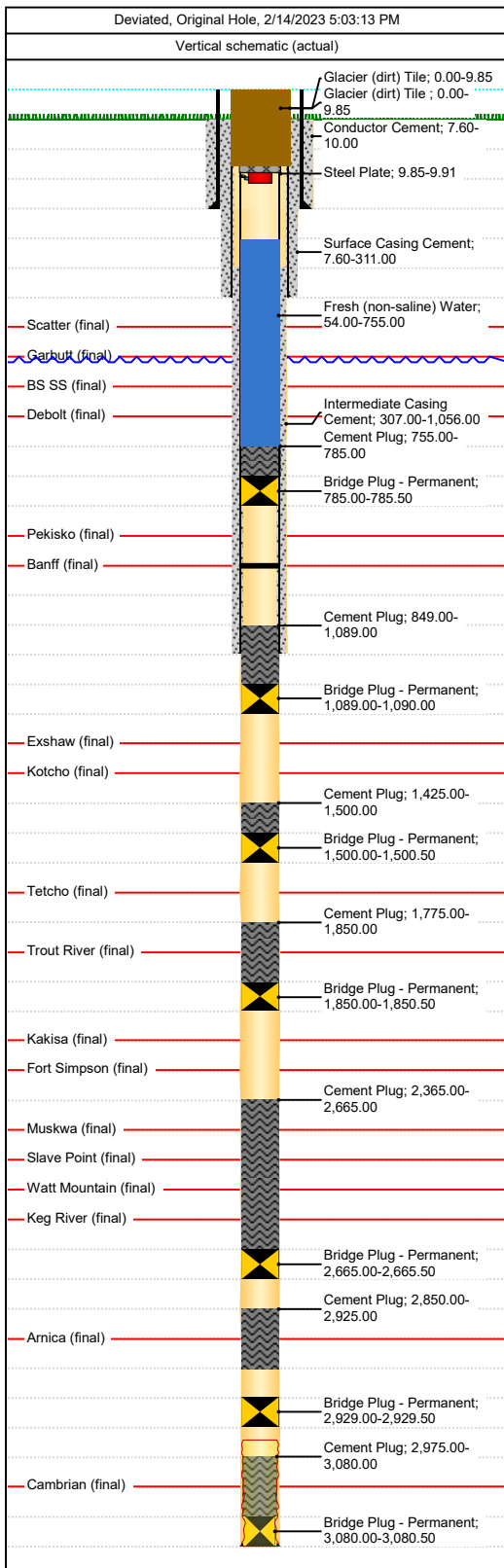


Tubing and Rods (Schematic)

Paramount
resources ltd.

Well Name: PARA ET AL ARROWHEAD B-41

API/UWI 300/B-41/6040-12245/00	Surface Legal Location B-41/6040-12245	License # N1733	Field Name Arrowhead	State/Province NorthWest Territories
Well Configuration Type Deviated	Original KB Elevation (m) 520.00	KB-Ground Distance (m) 7.60	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						
Bridge Plug - Permanent				177.8		3,080.00		3,080.50										
Comment																		
Description				OD (mm)		Top Depth (mKB)		Btm (mKB)		Run Date		Mill/Pull Date						
Bridge Plug - Permanent				226.6		785.00		785.50										
Comment																		
Description				OD (mm)		Top Depth (mKB)		Btm (mKB)		Run Date		Mill/Pull Date						
Bridge Plug - Permanent				215.9		2,929.00		2,929.50										
Comment																		
Description				OD (mm)		Top Depth (mKB)		Btm (mKB)		Run Date		Mill/Pull Date						
Bridge Plug - Permanent				215.9		2,665.00		2,665.50										
Comment																		
Description				OD (mm)		Top Depth (mKB)		Btm (mKB)		Run Date		Mill/Pull Date						
Bridge Plug - Permanent				215.9		1,850.00		1,850.50										
Comment																		
Description				OD (mm)		Top Depth (mKB)		Btm (mKB)		Run Date		Mill/Pull Date						
Bridge Plug - Permanent				215.9		1,500.00		1,500.50										
Comment																		
Description				OD (mm)		Top Depth (mKB)		Btm (mKB)		Run Date		Mill/Pull Date						
Bridge Plug - Permanent				215.9		1,089.00		1,090.00										
Comment																		
Description				OD (mm)		Top Depth (mKB)		Btm (mKB)		Run Date		Mill/Pull Date						
Fresh (non-saline) Water				226.6		54.00		755.00		1/22/2023 16:00								
Comment																		
Description				OD (mm)		Top Depth (mKB)		Btm (mKB)		Run Date		Mill/Pull Date						
Steel Plate				244.5		9.85		9.91		2/2/2023 14:00								
Comment																		
Description				OD (mm)		Top Depth (mKB)		Btm (mKB)		Run Date		Mill/Pull Date						
Glacier (dirt) Tile				244.5		0.00		9.85		2/2/2023 14:00								
Comment																		
Description				OD (mm)		Top Depth (mKB)		Btm (mKB)		Run Date		Mill/Pull Date						
Glacier (dirt) Tile				339.7		0.00		9.85		2/2/2023 14:00								
Comment																		
Cement Stages																		
Type		Subtype		String			Des			End Date			Top (mKB)			Btm (mKB)		
Plug				Original Hole			Cement Plug						2,975.00			3,080.00		
Plug				Original Hole			Cement Plug						2,850.00			2,925.00		

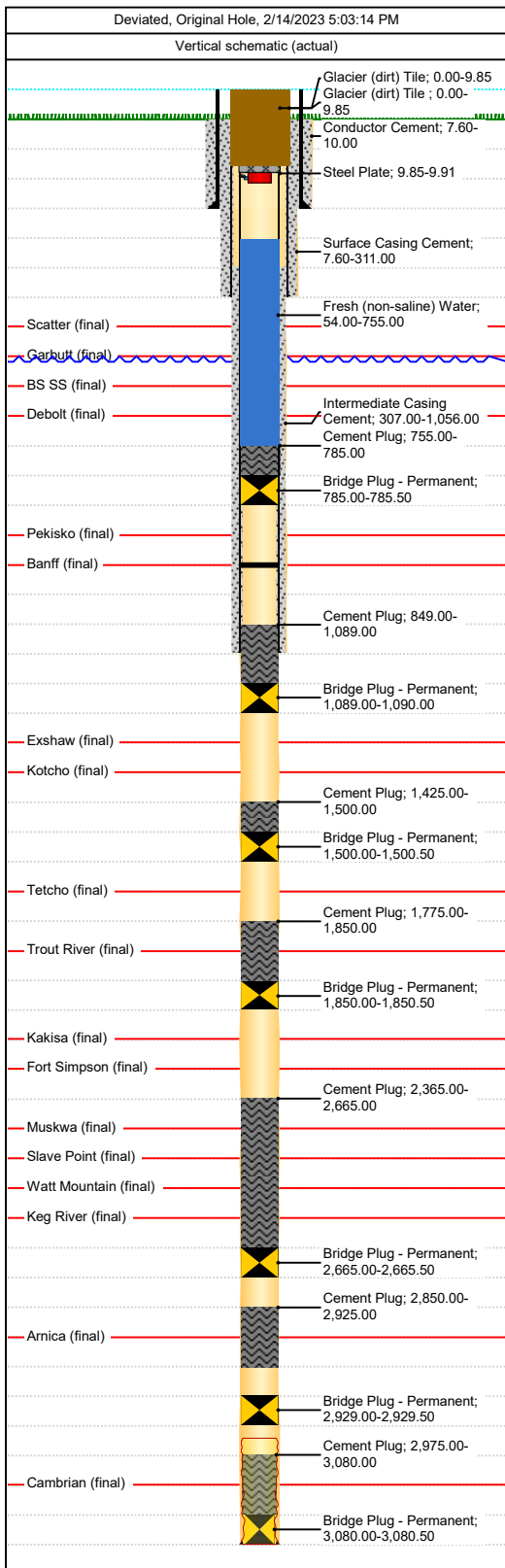


Tubing and Rods (Schematic)

Paramount
resources ltd.

Well Name: PARA ET AL ARROWHEAD B-41

API/UWI 300/B-41/6040-12245/00	Surface Legal Location B-41/6040-12245	License # N1733	Field Name Arrowhead	State/Province NorthWest Territories
Well Configuration Type Deviated	Original KB Elevation (m) 520.00	KB-Ground Distance (m) 7.60	KB-Casing Flange Distance (m)	KB-Tubing Head Distance (m)



Cement Stages						
Type	Subtype	String	Des	End Date	Top (mKB)	Btm (mKB)
Plug		Original Hole	Cement Plug		2,365.00	2,665.00
Plug		Original Hole	Cement Plug		1,775.00	1,850.00
Plug		Original Hole	Cement Plug		1,425.00	1,500.00
Plug		Original Hole	Cement Plug		845.00	1,089.00
Plug		Original Hole	Cement Plug		755.00	785.00