
Well Inspection Report

Instructions

- Complete all pages.
- Sign and submit electronically within 30 days of the well inspection to orogo@gov.nt.ca.
- If you wish to submit a hard copy, please use the courier address at www.orogo.gov.nt.ca/contact-us.
- Refer to the [Well Suspension and Abandonment Guidelines and Interpretation Notes](#) (May 2022) for details on well inspection requirements.
- Report in metric units.

Required attachments:

- Photos of wellhead and well site (*Include descriptions*)
of photos attached: 3 pictures in total: over head view, (2) wellhead
- Wellhead schematic
- Wellbore schematic

Well Information

Well name: 302/ M-25/6030--12330

4 digit WID: 2008

OROGO risk level: Level 1

Wellhead? Yes No

Pressure rating of all wellhead components: as per attached diagram

Pumpjack? Yes No

Operator: Paramount Res Ltd

Well status: Suspended

Coordinates (*In decimal degrees; verified onsite*)

Datum: NAD 27 NAD 83 Unknown

Lat: 60 degree 24 minutes

Long: 123 degree 29 minutes

Completed in H₂S zone? Choose an item.

Estimated % of H₂S: Click or tap here to enter text. or

Measured % of H₂S: 0

Inspection Date and Contact Information

Date of inspection: 2022-08-25

Date of previous inspection: 2021-08-20

Inspection conducted by:

Name: Dusty Schneider

Company: Paramount Res Ltd

Phone: 780-897-5737

Email: justinlinkschneider@gmail.com

Environmental or Safety Concerns

(Report all incidents as required under section 75 of the Oil and Gas Drilling and Production Regulations)

Environmental or safety concerns? Yes No

If yes, provide details: No over growth of vegetation. Is on a plant site.

Inspection Results

Site

Well site accessible for inspection and monitoring? Yes No

Equipment or debris on site? Yes No

Additional clean up required? Yes No

Provide details of all site accessibility concerns: N/A

Brush cleared 25 m around wellhead?
 Yes No

Wind indicator present and functional?
 Yes No

Wellhead

Wellhead accessible for inspection and monitoring? Yes No

Valves chained and locked? Yes No

Valves operate freely? Yes No

Pressure test well head seal assembly?
 Yes No

(If yes, provide details in comments section with supporting documentation)

Surface casing vent open, operable and accessible in all seasons? Yes No

Pumpjack secure? Yes No N/A

Visible marker or fence in place? Yes No
4-digit Well ID, operator and contact information up to date? Yes No

Date of previous well head seal assembly pressure test: 2021-08-20

Surface Casing Vent Flow (SCVF) / Gas Migration (GM) testing

Evidence of SCVF? Yes No

SCVF test conducted? Yes No

(If yes, provide details in comments section with supporting documentation)

Signs of GM? Yes No

GM test conducted? Yes No

(If yes, provide details in comments section with supporting documentation)

Gas samples taken? Yes No
(If yes, provide details in comments section identifying location and anticipated date of submission of analysis to OROGO)

Shut-in pressures

Production casing pressure (kPa):
0.0 KPa

Intermediate casing pressure (kPa):
0 KPa

Production tubing pressures (kPa):
n/a

Any other readings taken:
[Click or tap here to enter text.](#)

Comments

- Details of: SCVF/ GM testing (*Include source: SCV, wellbore or soil vapour*)
 Shut-in pressures (*Include equipment used, results, any changes from previous inspections and previous inspection dates*)
 Seal assembly testing (*Include maximum pressure tested and duration of test*)
 Other comments

SCVF Testing. Ensure SCV Valve Open. Install SCVF Bubble Tester. Fill with fresh water. Perform 15 minute SCVF Bubble Test. Observe no bubble.

Function production casing, intermediate casing and master valves to ensure working properly.

Install Dead Weight Gauge. Observe 0 KPa pressure in production casing. No gas to bleed off. Test gas. No H2S. Over range LEL. Install dead weight gauge. Observe 0 Kpa pressure on intermediate casing. Test for potential gas. No H2S. Over range LEL. Test Surface Casing. No signs LEL or H2S.

Install seal testing gauge on production flanges. No signs of pressure. Open needle valve to confirm no signs of gas, fluid or pressure. Pressure up tubing head flange seal to 1.0 MPa. Unable to hold pressure over 1.0 MPa. Test intermediate casing head seals to 19 Mpa. Held 10 minutes.

Perform Gas Migration testing at 1-2-3 distances from wellhead on North / South / East / West grids with Brogan GX-2012 (s/n : |G053) Portable Methane Detector that measures methane gas in ppm.

Distance from wellhead

1.0 meters: East = 0.0 ppm. North = 0.0 ppm. West = 0.0 ppm. South = 0.0 ppm

2.0 meters: East = 0.0 ppm. North = 0.0 ppm. West = 0.0 ppm. South = 0.0 ppm

3.0 meters: East = 0.0 ppm. North = 1.0 ppm. West = 0.0 ppm. South = 0.0 ppm

Additional supporting documentation attached? Yes No

If yes, list attached documentation: Wellbore Pictures, Wellbore Diagram, Wellhead Diagram, Monitor Calibration Sheet

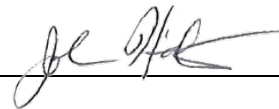
I certify based on personal knowledge of well inspection operations undertaken at the above named well that the above information is accurate.

Responsible Officer:

Date: November 11, 2022

Name: John Hawkins P. Eng.
Title: Director Asset Management
Operator: Paramount Resources Ltd.

Signature:



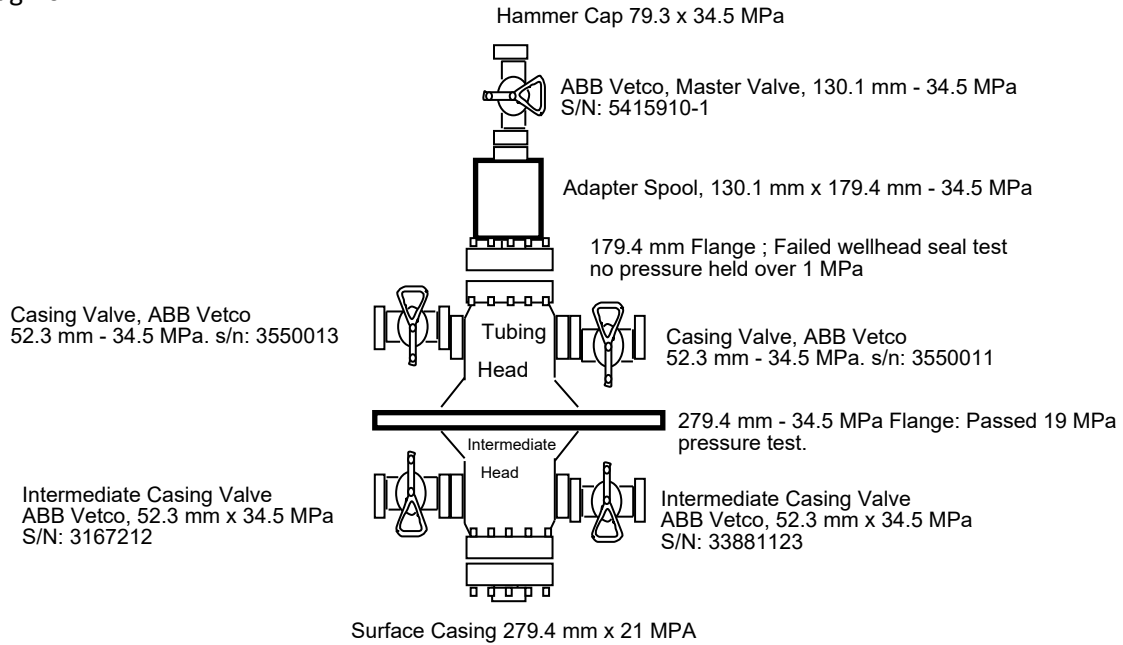
Paramount et al Laird 2M-25



Inspected by Dusty Schneider 780-897-5737

Inspected by Dusty Schneider 780-897-5737
24-Aug-2024

20-Aug-2021



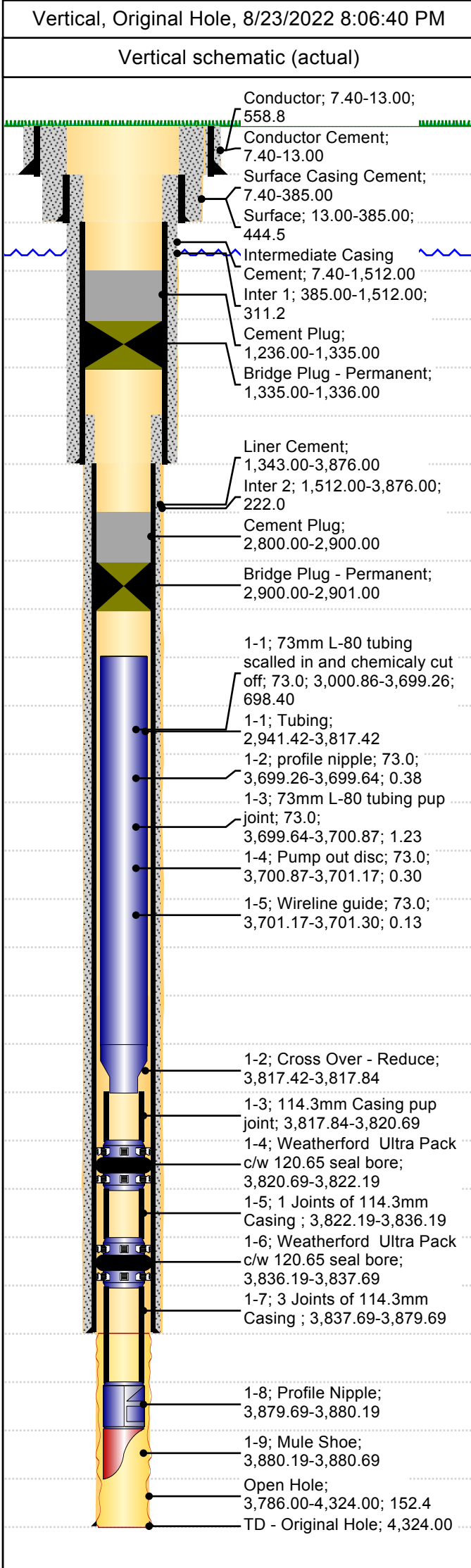


Paramount
resources Ltd.

Tubing and Rods (Schematic)

Well Name: PARAMOUNT ET AL LIARD 2M-25

API/UWI 302/M-25/6030-12330/00	Surface Legal Location M-25/6030-12330	License # N2008	Field Name Liard	State/Province NorthWest Territories
Well Configuration Type Vertical	Original KB Elevation (m) 919.00	KB-Ground Distance (m) 7.40	KB-Casing Flange Distance (m) 7.40	KB-Tubing Head Distance (m)



Tubing - Production set at 3,880.69mKB on 4/12/2011 00:00

Tubing Description		Set Depth (mKB)		Run Date		Lateral Position			
Tubing - Production		3,880.69		4/12/2011					
Item #	Item Description	Joints	Length (m)	OD (mm)	ID (mm)	Wt (kg/m)	Grade	Top (mKB)	Btm (mKB)
1-1	Tubing	91	876.00	127.0		26.790	Hydril 513	2,941.42	3,817.42
Comment									
1-2	Cross Over - Reduce	1	0.42	127.0	114.3			3,817.42	3,817.84
Comment									
1-3	114.3mm Casing pup joint	1	2.85	114.3		18.750	L-80	3,817.84	3,820.69
Comment									
1-4	Weatherford Ultra Pack c/w 120.65 seal bore	1	1.50	114.3				3,820.69	3,822.19
Comment									
1-5	1 Joints of 114.3mm Casing	1	14.00	114.3		18.750	L-80	3,822.19	3,836.19
Comment									
1-6	Weatherford Ultra Pack c/w 120.65 seal bore	1	1.50	114.3				3,836.19	3,837.69
Comment									
1-7	3 Joints of 114.3mm Casing	3	42.00	114.3		18.750	L-80	3,837.69	3,879.69
Comment									
1-8	Profile Nipple	1	0.50	114.3	96.9			3,879.69	3,880.19
Comment									
1-9	Mule Shoe	1	0.50	114.3				3,880.19	3,880.69
Comment									
Other In Hole									
Description			OD (mm)	Top Depth (mKB)	Bottom Depth (mKB)	Run Date			
Bridge Plug - Permanent			156.0	2,900.00	2,901.00				
Comment									
Batch mixed 4.5 ton high temp and high pressure cement as per BJ program, 3.41m3. Pumped cement @ .50m3/min, displaced cement with 5.2m3 fresh									
Description			OD (mm)	Top Depth (mKB)	Bottom Depth (mKB)	Run Date			
Bridge Plug - Permanent			230.0	1,335.00	1,336.00				
Comment									
Description			OD (mm)	Top Depth (mKB)	Bottom Depth (mKB)	Run Date			
Cement Plug			230.0	1,236.00	1,335.00				
Comment									
Description			OD (mm)	Top Depth (mKB)	Bottom Depth (mKB)	Run Date			
Cement Plug			156.0	2,800.00	2,900.00				
Comment									
Dropped tubing set at 3,701.30 on <Run Date?>									
String Description						Run Date		Set Depth (mKB)	
Dropped tubing								3,701.30	

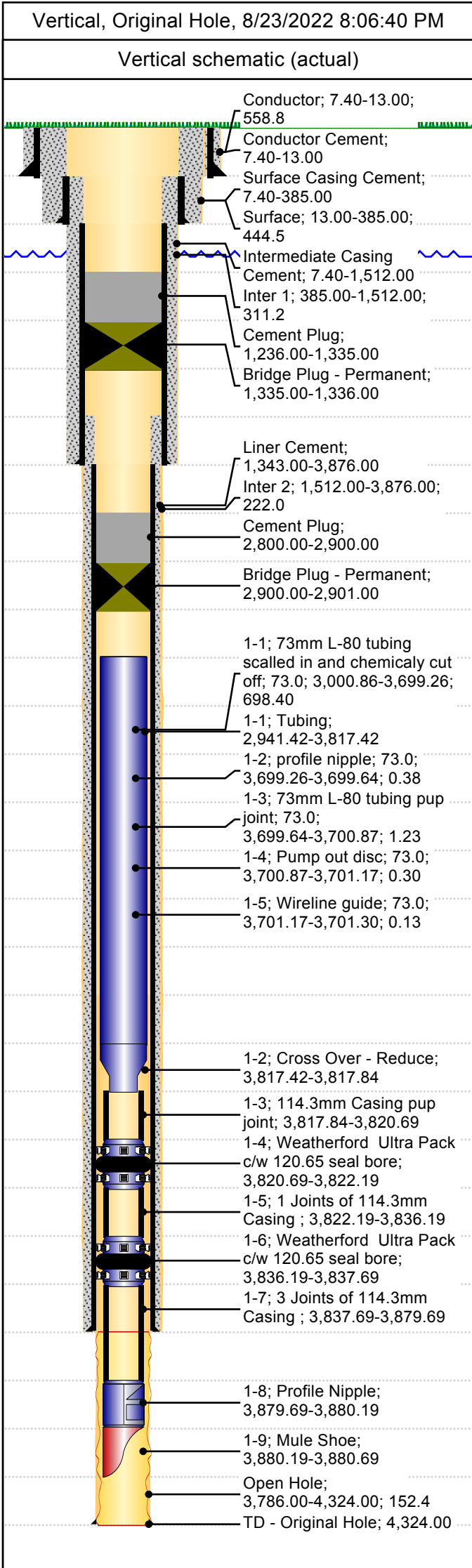


Paramount
resources ltd.

Tubing and Rods (Schematic)

Well Name: PARAMOUNT ET AL LIARD 2M-25

API/UWI 302/M-25/6030-12330/00	Surface Legal Location M-25/6030-12330	License # N2008	Field Name Liard	State/Province NorthWest Territories
Well Configuration Type Vertical	Original KB Elevation (m) 919.00	KB-Ground Distance (m) 7.40	KB-Casing Flange Distance (m) 7.40	KB-Tubing Head Distance (m)



Item Description	Joints	Length (m)	OD (mm)	Wt (kg/m)	Grade
73mm L-80 tubing scalled in and chemically cut off	1	698.40	73.0		
Comment					
profile nipple	1	0.38	73.0		
Comment					
73mm L-80 tubing pup joint	1	1.23	73.0		
Comment					
Pump out disc	1	0.30	73.0		
Comment					
Wireline guide	1	0.13	73.0		
Comment					

