



Daily Activity Summary

Paramount
resources ltd.

Well Name: HOME SIGNAL CSP CELIBETA NO. 2 (H-78)

API/UWI 300/H-78-6010-12200/0	Surface Legal Location H-78-6010-12200	License # NWT-OL-2014-014	Field Name	State/Province NorthWest Territories
Well Configuration Type Vertical	Original KB Elevation (m) 488.90	KB-Ground Distance (m) 3.40	KB-Casing Flange Distance (m) 3.81	KB-Tubing Head Distance (m)

Job Category Abandonment	Primary Job Type Abandonment	Secondary Job Type P&A	Start Date 2/23/2020 00:00	End Date	End Status
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Objective
Abandon wellbore in accordance with OROGO guidelines

Summary

Rig Name	Rig Type	Start Date	RR Date
		2/23/2020	3/10/2020

Rpt #	Start Date	End Date	Summary
1	2/23/2020	2/24/2020	<p>HSE: No incident, accidents or spills.</p> <p>Operations: Perform pre-trip inspection of Concord Rig # 54 and support equipment. Travel Concord Rig # 54 and support equipment from PRL 300/J-76-6020-12245/0 to site. Enterprises laborers travel ahead of rig to cut away trees from road access.</p> <p>Held site Pre-Job Safety and Operational meeting. Review Concurrent Operations. Reclamation moving dirt on site. Discuss job boundaries and contractor responsibilities. Review contractor JSA's for operations. Review of NT OROGO and PRL Site documentation. Inspect work area. No H2S observed.</p> <p>Site Lat: 60.12477. Site Long: -122.22817 (NAD 83). QWEST # QW345. Emergency Onsite Sat # 8816-316-16124.</p> <p>Load equipment at PRL 300/J-76-6020-12245/0. Travel to location and off load through out the day the following equipment: McClelland Drill Out Skid, Fuel Skid, 2.0 MPa x 18 m3 Test Unit, 14 m Flare Stack, Enviro Garbage Bin, (2) portable bathrooms, (2) 21 KVA Light Towers, (6) Rig Mats, (2) 63 m3 Test Tanks, (1) 100 HP Boiler, Catwalk with Pipe Racks, 296 Joints 73 mm J-55 Tubing and 54 m3 Fresh Water.</p> <p>Spot and start rig in of Concord Rig # 54 and support equipment as per industry, PRL, OROGO and contractor rules and regulations. On going review of equipment as it is rigged in for use, securement and spacing.</p> <p>Wellhead: Single Master Valve 73 mm x 34.5 MPa. Single Casing Valve 52 mm x 21.0 MPa. Wellhead Connection 179.4 mm x 21.0 MPa.</p> <p>Unable to determine SITP, SICP or SCVF. Need to heat wellhead to ensure open.</p> <p>Boiler in operation to heat wellhead and Class III BOP Stack during night.</p>



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2	2/24/2020	2/25/2020	<p>HSE: No incident, accidents or spills.</p> <p>Operations: Concurrent operations on site with Ground Reclamation crew. SITP 1200 kPa. SICP 1203 kPa. Expose and ensure SCV assembly and Surface Casing Head is clear. Perform 15 minute SCVF Bubble test. Observe no bubbles.</p> <p>Continue to rig in Concord Rig # 54 and support equipment. Setup 14 m Flare Stack. Tie in lines from Test vessel to Flare Stack and tank Farm. Tie in Steam Lines and heaters to tank farm and pump truck. Off load and setup on location(1) Spare 80 HP Boiler, (2) Light Towers, Sewage System and Double End Trailer. Setup Cell Booster Tower. Able to get and send texts and emails. Have Satellite Phone to call out (8816-316-16124)</p> <p>Perform CAODC Rig Inspection on Concord #54 and Grant's Production testing Inspection on Unit # PT118. Both pass inspection.</p> <p>Two NT Resource Management officers inspect site.</p> <p>Connect return line from Casing to Test vessel. Open well and bleed down pressure. Casing pressure and tubing pressure both bleed down equally. No measurable gas flared. Well static.</p> <p>Stump Function test 34.5 MPa Class II BOP. Pass inspection. Stump pressure test Class III 34.5 MPa BOP Blind rams, Tubing Rams and Annular Bag. Held.</p> <p>Pump 2.0 m3 Fresh Water at 250 L/min at 30 C down Casing. Pressure climb from 0 kPa to 450 kPa on Casing and Tubing. Slow pump rate to 100 L/min. Continue to pump 2.0 m3 - 30C down casing. Casing and Tubing pressure both climb to 1641 kPa. Stop pump. Pressure continuously slowly drop to 1474 kPa in 10 min. Bleed off pressure.</p> <p>Remove Upper Wellhead assembly. Strip on 34.5 MPa Class II BOP on to 21.0 MPa Tubing Head. Pressure Test Wellhead connection from 1.4 MPa (low) and 14.0 MPa (high). Held each test. Prepare tubing handling equipment.</p> <p>Tarp in wellhead. Winterize site and equipment. SDFN crew.</p>
3	2/25/2020	2/26/2020	<p>HSE: No incident, accidents or spills.</p> <p>Operations: Perform 10 minute SCVF Bubble Test. No bubbles observe. SICP 1050 kPa. Bleed of pressure to test vessel. Gas returns only. Monitor well. Well static.</p> <p>Tally, drift, pickup and run in hole 73 mm J-55 Tubing String with 177.8 mm Casing Scraper and 156 mm - 6 Blade Mill.</p> <p>Tag Liner Top 1077.74 mKB. Lay down Tubing Joint # 114. Install (2) 73 mm x 3.1 m Tubing Pup Joints. Position Tubing Bottom 1077 mKB.</p> <p>Rig in circulation lines. Pump 0.2 m3 to fill hole and break reverse circulation. Continue to Reverse Circulate 24.8 m3 Fresh Water at 400 L/min x 1.0 MPa. Recover 2 m3 Emulsion and 20 m3 of Grayish Water. Salinity 10,000 ppm. pH 7. Returns are clean fresh water at end. Stop pump. Lost 2.0 m3 to formation during circulation operation. Monitor well 15 minutes. Well is static.</p> <p>Pull out of hole and stand in derrick 113 Joints Tubing 73 mm J-55. Break apart and laydown 177.8 mm Casing Scraper and 156 mm Mill.</p> <p>Run in hole Double Grip ASI-X Double Grip Pressure Packer with 80 Joints Tubing 73 mm L-80,</p> <p>Position bottom of Test packer Tubing String at 759.04 mKB for night.</p> <p>Boiler in operation for night to maintain heat on tank farm and Class III BOP.</p>



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4	2/26/2020	2/27/2020	<p>HSE: No incident, accidents or spills.</p> <p>Operations: Boiler in operations to maintain heat on fluid and Class II BOP. Perform 10 minute SCVF Bubble Test. no bubbles observe. SITP 0 kPa. SICP 4 kPa. Well static.</p> <p>Run in hole ASI-X Double Grip Pressure Packer on 73 mm Tubing String. Set Double Grip ASI-X at the following depths to try and prove casing integrity in 177.8 mm Casing and 120 mm Casing.</p> <p>1076 mKB: Test to 7.0 MPa from bottom of packer to top of 127 mm Casing Liner at 1077 mKB. Held 10 min. Pass test.</p> <p>638 mKB: Test to 7.0 MPa from bottom of packer to top of 127 mm Casing Liner at 1077 mKB. Held 10 min. Pass test.</p> <p>326 mKB: Test to 7.0 MPa from bottom of packer to top of 127 mm Casing Liner at 1077 mKB. Held 10 min. Pass test</p> <p>110 mKB: Test to 7.0 MPa from top of packer to surface inside the 177.8 mm Casing. Held 10 min. Pass test.</p> <p>213 mKB: Test to 7.0 MPa from top of packer to surface inside the 177.8 mm Casing. Held 10 min. Pass test.</p> <p>260 mKB. Pressure climb equally on both sides of packer to 2.0 MPa. Try to pack off packer with all string weight. Still equal pressure on both sides of packer. Test fail.</p> <p>280 mKB. Pressure climb equally on both sides of packer to 2.0 MPa. Try to pack off packer with all string weight. Still equal pressure on both sides of packer. Test fail.</p> <p>298 mKB. Pressure climb equally on both sides of packer to 2.0 MPa. Try to pack off packer with all string weight. Still equal pressure on both sides of packer. Test fail.</p> <p>233 mKB: 260 mKB. Pressure climb equally on both sides of packer to 2.0 MPa. Try to pack off packer with all string weight. Still equal pressure on both sides of packer. Test fail.</p> <p>Pull out of hole 73 mm Tubing String with PSN and ASI-X Double Grip Packer. Packer elements appear in good condition. Slight tear on bottom element.</p> <p>Boiler in operation to heat wellhead and Class III BOP Stack during night.</p>



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Rpt #	Start Date	End Date	Summary
5	2/27/2020	2/28/2020	<p>HSE: No incident, accidents or spills.</p> <p>Operations: Boiler in operations to maintain heat on fluid and Class II BOP. Perform 10 minute SCVF Bubble Test. No bubbles. SITP 0 kPa. SICP 4 kPa.</p> <p>Run in hole Replacement ASI-X Double Grip Pressure Packer on 73 mm Tubing String. Set Double Grip ASI-X at the following depths to try and prove casing integrity:</p> <p>278 mKB. Pressure climb equally on both sides of packer to 2.0 MPa. Try to pack off packer with all string weight. Still equal pressure on both sides of packer. Test fail.</p> <p>306 mKB. Pressure climb equally on both sides of packer to 2.0 MPa. Try to pack off packer with all string weight. Still equal pressure on both sides of packer. Test fail.</p> <p>316 mKB. Pressure climb equally on both sides of packer to 2.0 MPa. Try to pack off packer with all string weight. Still equal pressure on both sides of packer. Test fail.</p> <p>335 mKB: Test to 7.0 MPa from bottom of packer to top of 127 mm Casing Liner at 1077 mKB. Held 10 min. Pass test.</p> <p>221 mKB. Pressure climb equally on both sides of packer to 2.0 MPa. Try to pack off packer with all string weight. Still equal pressure on both sides of packer. Test fail.</p> <p>203 mKB: Test to 7.0 MPa from bottom of packer to top of 127 mm Casing Liner at 1077 mKB. Held 10 min. Pass test.</p> <p>Rig in eline unit. Install Adapter Spool on BOP. Makeup log tools in lubricator and install. Test lubricator 1.4 MPa (low) and 14 (MPa) high. Each held pressure.</p> <p>Fast pass run in hole RCBL / GR / CCL logging tool to PBTD at 1086.0 mKB. Correlate on depth to 127 mm Liner Packer, 127 mm Liner Top, Intermediate Surface Casing and Ground Level. Perform non-pressure RCBL / GR / CCL log from PBTD (1086 mKB) to surface. Correlate on depth to program depths for 127 mm Liner Packer, 127 mm Liner Top, Intermediate Surface Casing and Ground Level. Lay down log tools.</p> <p>Secure wellhead, site and eline unit.</p> <p>Boiler in operation to heat wellhead, Class III BOP and fluid for night.</p>
6	2/28/2020	2/29/2020	<p>HSE: No incident, accidents or spills.</p> <p>Operations: Boiler in operations to maintain heat on fluid and Class II BOP. SITP 0 kPa. Well static.</p> <p>Perform 10 minute SCVF Bubble Test. No bubbles observed.</p> <p>Perform scheduled rig service and maintenance.</p> <p>Wait on operations consent from OROGO for abandonment.</p> <p>Boiler in operations to maintain heat on fluid and Class II BOP.</p>



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7	2/29/2020	3/1/2020	<p>HSE: No incident, accidents or spills.</p> <p>Operations: Boiler in operations to maintain heat on fluid and Class II BOP. SITP 0 kPa. Well static.</p> <p>Perform 10 minute SCVF Bubble Test. No bubbles observed.</p> <p>Run in hole open Ended 73 mm Tubing String with 73 mm API PSN. Tag PBTD 1111.75 mKB (rig tally). Tubing Bottom 1111.5 mKB.</p> <p>Reverse circulate 6.0 m3 Fresh Water x 350 L/min x 0.5 MPa. Slight debris in returns. Hole clean. No fluid loss.</p> <p>Wait on Stingray Cement Unit and Clean Harbors Vac Unit.</p> <p>Rig in Stingray Cement Unit with Cement Bulker. Install Pack Off Head.</p> <p>Pump 1.0 m3 potable fresh water down tubing at 375 L/min x 500 kPa. Return 1.0 m3 fresh water from Casing. Confirm no signs of debris in returns.</p> <p>Pressure Test Surface lines to 21 MPa. Held 5 minutes. No leaks.</p> <p>Mix up 1.1 m3 potable water at 25 C with 2.4 tonne cement. Pump down tubing 2.0 m3 Cement Slurry of 1:1:0 Class 'G' + 0.6% SCFR-2 + 0.6% SFL-3 @ 1750 kg/m3. (Yield 0.827 m3/t, water = 0.448 m3/t, Fluid Loss 28 cc/30 min, Work Time 4 hrs).</p> <p>Start pump cement slurry down Tubing at 1721 hrs. Immediate returns from Casing. Cement Slurry rate 400 L/min with pressure range of 0.5 MPa to 0.8 MPa. Displace behind cement slurry 2.5 m3 x 0.70 MPa of potable fresh water at 25 C. Stop pump. Cement plug balanced from 1112 mKB to 991 mKB.</p> <p>Rig down and clean out cement unit and lines.</p> <p>Pull and lay down 2 = Pup Joints Tubing 73 mm x 6.2 m EUE L-80 9.67 kg/m and 11 = Joints Tubing 73 mm x 105.0 m EUE J-55 9.67 kg/m.</p> <p>Pull and stand 8 = Joints Tubing 73 mm x 75.69 m EUE J-55 0.67 kg/m. Position bottom of Tubing String 924.33 mKB.</p> <p>Rig in circulation lines. Pump 0.3 m3 fresh water down Casing to break Reverse Circulation. Continue to Reverse Circulate 6.0 m3 Fresh Water at 350 L/min x 0.45 MPa. Return 6.0 m3 Fresh Water. No signs of debris or cement.</p> <p>Secure site. Boiler in operation to heat wellhead, Class III BOP and fluid for night.</p>



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Rpt #	Start Date	End Date	Summary
8	3/1/2020	3/2/2020	<p>HSE: No incident, accidents or spills.</p> <p>Operations: Boiler in operations to maintain heat on fluid and Class II BOP. SITP 0 kPa. Well static.</p> <p>Perform 10 minute SCVF Bubble Test. No bubbles observed.</p> <p>Run in open Ended 73 mm Tubing String with 73 mm API PSN. Tag Cement Top 1016.88 mKB.</p> <p>Pull and lay down 32 Joints Tubing. Pull and stand 76 Joints Tubing 73 mm with API PSN.</p> <p>Run in hole ASI-X Double Grip Packer, API PSN and 73 mm Joints Tubing.</p> <p>Set ASI-X Packer 381.0 mKB. Pressure Test Tubing and 177.8 mm Casing below ASI-X Packer to 7.0 MPa. Held 10 minutes. Unset ASI-X Packer.</p> <p>Pull out of hole 73 mm Joints Tubing, PSN and ASI-X Double Grip Packer.</p> <p>Rig in Eline Unit. Install Eline Work Spool and BOP on top of 179.4 mm - 34.5 MPa Annular Bag Makeup inside lubricator and install on top of Eline BOP the CCL / Perforating Gun ERHSC - 1.0 m - 127 mm - 20 gram - 20 SPM (total shots 20) - 60 Degree Phasing. Purge lubricator with N2. Pressure test lubricator 21 MPa. Held. Bleed off pressure. Run in hole Perforating Gun and correlate on depth to Reliance RBL/VDL/GR/CCL log dated 27-Feb-2020. Perforate 720.5 - 721.5 mKB at 1504 hrs. Pull out and inspect Perforating Gun. All shots fired.</p> <p>Rig in circulation lines to Casing and Surface Casing. Pump 1.0 m3 x 100 L/min - 30 C Fresh Water down 177.8 mm Casing to fill. Pressure up 177.8 mm Casing to 5,000 kPa. Pressure bleed down to 4060 kPa in 10 minutes. Return 10 liters of milky white fluid from Surface Casing. Repeat Test.</p> <p>Makeup inside lubricator CCL / Cement Retainer. Purge and pressure test lubricator with N2 to 14 MPa. Held Run in CCL / Cement Retainer. Correlate on depth to Reliance RBL/VDL/GR/CCL log dated 27-Feb-2020. Set 10K - 177.8 mm Cement Retainer (CE) 719.0 mKB at 1719 hrs. Pull out CCL and Setting Tool. Rig down Eline BOP and Adapter Flange Working Spool. Eline Unit stay on site.</p> <p>Secure site. Boiler in operation to heat wellhead, Class III BOP and fluid for night.</p>
9	3/2/2020	3/3/2020	<p>HSE: No incident, accidents or spills.</p> <p>Operations: Boiler in operations to maintain heat on fluid and Class II BOP. Well static. Perform 10 minute SCVF Bubble Test. No bubbles observed.</p> <p>Run in hole ASI-X Double Grip Packer and 73 mm Joints Tubing. Set Packer 381.0 mKB. Pressure Test Tubing, 177.8 mm Casing and Retainer at 719 mKB to 7.0 MPa. Held 10 minutes. Unset and pull out of hole 73 mm Joints Tubing and ASI-X Double Grip Packer.</p> <p>Run in hole Cement Retainer Stinger with 73 mm Joints Tubing. Latch Stinger into Cement Retainer. Pull 200 daN over string weight to confirm latch. Pressure test Cement Retainer Seals and Tubing to 7.0 MPa. Held 10 minutes. Forward circulate 16 m3 Fresh Water down Tubing thru Cement Retainer and Perforations at 720.5 - 721.5 mKB. Returns up outside of 177.8 mm casing thru holes in 177.8 mm Casing at 213 mKB - 326 mKB to surface. No signs of returns from SCV. Returns are milky white fluid, gel mud and finally clean fresh water. No signs of debris.</p> <p>Rig in cement unit. Pump 1.0 m3 Potable Fresh Water 275 L/min x 1.2 MPa down Tubing. Returns of 1.0 m3 water from Casing. Pressure test surface line 21.0 MPa. Held 5 minutes. Mixup 9.1 tonne Oil Well G 1:1:0 cement with 4.07 m3 - 23C Potable Fresh Water. Pump down Tubing 7.6 m3 Cement Slurry of (30% excess cement) 1:1:0 Class "G" + 0.5% (45.5 kg's) SCFR-2 + 0.5% (45.5 kg's) SFL-3 + 1% SA2 @ 1730 kg/m3 (Yield 0.836 m3/t, water 0.448 m3/t). Pump rate 275 L/min x 2300 kPa. Displace 1.7 m3 Water behind Cement Slurry. Stop pump. Return 9.3 m3 water. No returns SCV. Leave 300 liters cement inside Tubing String. Sting out of Retainer. Rig down Cement Unit.</p> <p>Pull 73 mm Tubing slowly to 656 mKB. Reverse circulate 4.0 m3 Fresh Water at 300 L/min x 200 kPa. Return Fresh Water and a trace of Cement colored water. Final returns clean. Estimate Cement Top 704 mKB.</p> <p>Pull 73 mm Tubing String. Position Tubing Bottom 193 mKB for night.</p> <p>Secure equipment and site for night.</p>



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10	3/3/2020	3/4/2020	<p>HSE: No incident, accidents or spills.</p> <p>Operations: Boiler in operations to maintain heat on fluid and Class II BOP. Perform 10 minute SCVF Bubble Test. No bubbles observed.</p> <p>Pull out hole 73 mm Tubing, 73 mm Pup Joint and Cement retainer Stinger. Seals in good condition.</p> <p>Rig in Eline Unit. Install Work Spool Adapter Flange and BOP on 179.4 mm Annular Bag. Purge and test lubricators to 7 MPa on each run with N2. Correlate all depths to Reliance RBL RBL/VDL/GR/CCL log dated 27-Feb-2020. Run in CCL / 152 mm Junk Basket. Tag CementTop 667.3 mKB. Pull out CCL / Junk Basket. Inspect tools. Recover cement and LCM material in Junk Basket. Run in CCL / Perforating Gun ERHSC - 1.0 m - 101 mm - 20 gram - 21 SPM (total shots 21) - 60 DegreePhasing. Perforate 600.0 - 601.0 mKB at 1433 hrs. No well activity. Pull out and visual inspect fired perforating gun. No gun warp. All shot fired in centre of scallop. Rig down eline unit.</p> <p>Rig in circulation lines to Casing and Surface Casing. Pump 1.0 m3 x 100 L/min - 30 C Fresh Water down 177.8 mm Casing to fill. Pressure up 177.8 mm Casing to 5,003 kPa. Pressure bleed down to 2960 kPa in 10 minutes. No fluid return from Surface Casing Vent. Repeat Test. Pressure up 177.8 mm Casing to 4996 kPa. Pressure bleed down to 4026 kPa in 10 minutes. No fluid return from Surface Casing vent. Bleed off 177.8 mm Casing to 0 kPa.</p> <p>Review operations with site personal and two OROGO Representatives.</p> <p>Run in hole 73 mm Tubing String with ASI-X Double Grip 277.8 mm Pressure Packer. Set Packer at 337.5 mKB.</p> <p>Pressure up to 6003 kPa the 73 mm Tubing, 177.8 mm Casing below ASI-X Packer in attempt to get a injection rate into the BGWP @ 600.0 - 601.0 mKB. Monitor 10 minutes. Pressure drop to 5632 kPa. Bump up pressure to 6102 kPa with 0.05 m3 fresh water. No inject rate achieved. Monitor pressure 10 minutes. Pressure drop to 5840 kPa. Notify Calgary.</p> <p>Secure equipment and site for night.</p>
11	3/4/2020	3/5/2020	<p>HSE: No incident, accidents or spills. Two OROGO representatives witness BOP Function Test and BOP Drill</p> <p>Operations: Boiler heat fluid and Class II BOP. Perform 10 minute SCVF Bubble Test. No bubbles observed.</p> <p>Pull out hole 73 mm Tubing and ASI-X Double Grip Pressure Packer.</p> <p>Rig in Eline Unit. Run in and set Kappa 177.8 mm 10K Permanent Bridge Plug at 594 mKB x 1130 hrs. Correlate to Reliance RBL RBL/VDL/GR/CCL log dated 27-Feb-2020. Pull out of hole CCL / Setting Tool. Rig down Eline equipment.</p> <p>Run in 73 mm Tubing String with ASI-X Packer. Set Packer 343.1 mKB. Pressure Test Permanent Bridge Plug 594 mKB to 7.3 MPa. Held 10 minute. Unset Packer. Run in Tubing String to 593.7 mKB.</p> <p>Rig in cement unit. Mixup and pump down tubing 1.0 m3 Cement Slurry of 1:1:0 Class 'G' + 0.5% SCFR-2 + 0.5% SFL-3 + 1% SA2 @ 1730 kg/m3. (Yield 0.836 m3/t, water = 0.448 m3/t, Work Time 4 hrs). Start pump cement slurry down Tubing at 1525 hrs. Immediate returns from Casing. Cement Slurry rate 400 L/min with pressure range of 0.4 MPa. Displace behind cement slurry 1.3 m3 x 0.40 MPa of potable fresh water at 25 C. Stop pump. Calculated Cement plug balanced from 593.9 mKB to 543.9 mKB. Rig down cement unit.</p> <p>Pull up Tubing String to 527 mKB. Reverse circulate 2.5 m3 Fresh Water at 300 L/min x 200 kPa. Return Fresh Water, cement colored water and slight red dye. Final returns are clean Fresh Water.</p> <p>Pull out Tubing String with ASI-X Pressure Packer</p> <p>Install Eline BOP. Makeup in lubricator CCL / Perforating Gun ERHSC - 1.0 m - 101 mm - 20 gram - 21 SPM (total shots 21) - 60 DegreePhasing. Purge lubricator with N2. Pressure test lubricator 14 MPa. Held 5 minute. Run in hole and correlate to Reliance RBL/VDL/GR/CCL log dated 27-Feb-2020. Perforate Tetcho Interval 457.8 - 458.8 mKB at 1547 hrs. No well activity. Pull CCL / Fired Gun. Inspection shows no gun warp. All shot centre of scallop and appeared fired. Rig down Eline Unit.</p> <p>Secure site for night.</p>



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12	3/5/2020	3/6/2020	<p>HSE: No incident, accidents or spills.</p> <p>Operations: Boiler heat fluid and Class II BOP. Perform 10 minute SCVF Bubble Test. No bubbles observed. Two OROGO representatives on site for inspection.</p> <p>Run in hole and set ASI-X Double Grip 177.8 mm Packer at 337.5 mKB. Attempt Injection Test on Tetcho Perforations 457.8 - 458.8 mKB. Pressure up to 4900 kPa. Bleed down to 3900 kPa in 10 minutes. No feed rate achieved. Unset and pull out hole ASI-X Packer.</p> <p>Eline run in and set Kappa 10K Permanent Bridge Plug 450 mKB (CE) at 1216 hrs. Correlate on depth to Reliance RBL/VDL/GR/CCL log dated 27-Feb-2020.</p> <p>Run in hole and set ASI-X Double Grip 177.8 mm Packer at 337.5 mKB. Pressure Test 10K Permanent Bridge Plug at 450 mKB (CE) to 7.0 MPa. Held 10 minutes. Unset and pull out ASI-X Packer.</p> <p>Run in open ended 73 mm Tubing String. Tag Permanent Bridge Plug 450 mKB. Position Tubing Bottom 449.7 mKB.</p> <p>Cement Unit pump 1.03 m3 Cement Slurry of 0:1:0 Class 'G' + 0.8% SCFR-2 + 0.4% SFL-3 + 1.5% SA2 @ 1900 kg/m3. (Yield 0.757 m3/t, water = 0.448 m3/t, Work Time 4 hrs). Calculated Cement Plug balanced from 449.9 mKB to 400.0 mKB.</p> <p>Pull up Tubing String to 398.06 mKB. Reverse circulate 2.5 m3 Fresh Water. Recover trace cement.</p> <p>Pull up Tubing String. Position Tubing Bottom 370 mKB.</p> <p>Cement Unit pump 3.73 m3 Cement Slurry of 0:1:0 Class 'G' + 0.8% SCFR-2 + 0.4% SFL-3 + 1.5% SA2 @ 1900 kg/m3. (Yield 0.757 m3/t, water = 0.448 m3/t, Work Time 4 hrs). Calculated Cement Plug balanced from 170 mKB - 350 mKB. Rig down Cement Unit.</p> <p>Pull up Tubing String to 163.1 mKB. Reverse circulate 2.5 m3 Fresh Water. Recover trace cement.</p> <p>Pull up tubing String to 115 mKB for night.</p> <p>Secure and winterize wellhead and equipment for night.</p>



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Daily Activity Summary

Well Name: HOME SIGNAL CSP CELIBETA NO. 2 (H-78)

API/UWI 300/H-78-6010-12200/0	Surface Legal Location H-78-6010-12200	License # NWT-OL-2014-014	Field Name	State/Province NorthWest Territories
Well Configuration Type Vertical	Original KB Elevation (m) 488.90	KB-Ground Distance (m) 3.40	KB-Casing Flange Distance (m) 3.81	KB-Tubing Head Distance (m)

Rpt #	Start Date	End Date	Summary
13	3/6/2020	3/7/2020	<p>HSE: No incident, accidents or spills.</p> <p>Operations: Boiler heat fluid and Class II BOP. Perform 10 minute SCVF Bubble Test. No bubbles observed.</p> <p>Run in 73 mm Tubing in hole and (tubing depth) tag cement top at 210 mKB. Put 1,000 daN weight on cement top. Pull out hole 73 mm Tubing String.</p> <p>Run in hole Open Ended 73 mm Tubing String. Tubing Bottom at 205 mKB. Reverse circulate 2.0 m3 Fresh Water at 300 L/min x 100 kPa. Return Fresh Water. All returns are clean Fresh Water. Lower Tubing to 209.5 mKB.</p> <p>Rig in cement unit. Pump 0.5 m3 potable fresh water down tubing at 300 L/min x 500 kPa. Return 0.5 m3 fresh water from Casing. Confirm no signs of debris in returns. Pressure Test Surface lines to 14 MPa. Held 5 minutes. No leaks.</p> <p>Mix up 0.44 m3 potable water at 25 C with 1.32 tonne cement. Pump down tubing 1.03 m3 Cement Slurry of 0:1:0 Class 'G' + 0.5% SCFR-2 + 0.3% SFL-3 + 1.5% SA2 @ 1900 kg/m3. (Yield 0.757 m3/t, water = 0.448 m3/t, Work Time 2 hrs).</p> <p>Start pump cement slurry down Tubing at 1328 hrs. Immediate returns from Casing. Cement Slurry rate 300 L/min with pressure range of 500 kPa. Displace behind cement slurry 0.47 m3 x 500 kPa of potable fresh water at 25 C. Stop pump. Wait 5 minutes. Calculated Cement plug balanced from 210 mKB to 165 mKB. Cement on bottom at 1330 hrs.</p> <p>Rig down cement line and master valve from tubing string. Clean and wash out cement tubs.</p> <p>Pull up and position Tubing String bottom 163.1 mKB. Reverse circulate 2.0 m3 Fresh Water. Recover trace cement. Final returns clean Fresh Water.</p> <p>Pull ut hole 73 mm Tubing String.</p> <p>Secure and winterize wellhead and equipment for night.</p>



Daily Activity Summary

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Well Name: HOME SIGNAL CSP CELIBETA NO. 2 (H-78)

API/UWI 300/H-78-6010-12200/0	Surface Legal Location H-78-6010-12200	License # NWT-OL-2014-014	Field Name	State/Province NorthWest Territories
Well Configuration Type Vertical	Original KB Elevation (m) 488.90	KB-Ground Distance (m) 3.40	KB-Casing Flange Distance (m) 3.81	KB-Tubing Head Distance (m)

Rpt #	Start Date	End Date	Summary
14	3/7/2020	3/8/2020	<p>HSE: No incident, accidents or spills.</p> <p>Operations: Boiler heat fluid and Class II BOP. Perform 10 minute SCVF Bubble Test. No bubbles observed.</p> <p>Run in Tubing. Tag (tubing depth) cement top 163 mKB. Put 1812.6 daN weight on cement. Pull 73 mm Tubing String.</p> <p>Test 177.8 mm Casing from Surface to Cement Plug 163.0 mKB to 7.0 MPa. Held 10 minute. Rig in Eline Unit. Perforate 157.5 mKB - 157.8 mKB at 1035 hrs with UZI Squeeze Gun 101 mm - 0.30 m - 6 gram - Total Shots 36 - 120 Degree Phasing Correlated to Reliance. RBL/VDL/GR/CCL log dated 27-Feb-2020. Pull out CCL / Fired Perforating Gun. All shots fired.</p> <p>Circulate down 177.8 mm Casing up 244.5 mm Annulus 8.0 m3 Fresh Water. Recover Drill Mud and cement debris. Clean Fresh Water at end.</p> <p>Eline correlate to Reliance RBL log dated 27-Feb-2020. Set Cement Retainer 156.5 mKB.</p> <p>Run in Tubing String. Pressure Test Tubing String in neutral position of Cement Retainer to 18 MPa. Held 10 minutes.</p> <p>Pump 1.0 m3 potable fresh water with red dye down tubing at 300 L/min x 1.0 MPa. Return 1.0 m3 fresh water from 177.8 mm / 244.5 mm Annulus. Confirm no signs of debris in returns.</p> <p>Mix up and pump down Tubing 4.0 m3 Cement Slurry of 0:1:0 Class 'G' + 0.8% SCFR-2 + 0.4% SFL-3 + 1.5% SA2 @ 1900 kg/m3. (Yield 0.757 m3/t, water = 0.448 m3/t). Pump rate 300 L/min x 1.5 MPa. Initially recover from 177.8 mm / 244.5 mm Annulus 2.6 m3 clean fresh water. The last 1.0 m3 recover was cement slurry as described above. Stop pump. Close 177.8 mm / 244.5 mm Annulus.</p> <p>Pickup Tubing Bottom to 156.0 mKB. Pump 0.40 m3 Potable Fresh Water down Tubing at 0.150 m3/min x 500 kPa. Balance on top of Cement Retainer a 20 m Cement Plug from 136.5 mKB to 156.5 mKB.</p> <p>Pull and lay down 5 = Joints Tubing. Tubing bottom 108.5 mKB. Backwash 1.0 m3 Fresh Water. Slight cement returns.</p> <p>Pull and lay down 73 mm Tubing String. Cement Retainer Stinger in good condition.</p> <p>Start rig down of Concord Rig # 54 and support equipment. SDFN.</p>
15	3/8/2020	3/9/2020	<p>HSE: No incident, accidents or spills.</p> <p>Operations: Inspect 244.5 mm Surface Casing. Inspection show hard cement at surface.</p> <p>Rig down tubing handling equipment. Remove Class III - 34.5 MPa BOP. Inspection shows fluid level 5 m from surface. Install Single Master 34.5 MPa Upper Wellhead assembly on wellhead. Secure and chain lock wellhead.</p> <p>Rig down Concord Rig # 54 and support equipment. Clean out Test Vessel and Rig Tank. Haul all fluids off site. Load and travel back to GP (1) 18 m3 Test Vessel, (1) 14 m Flare Stack, (1) 100 HP Boiler and (1) 80 HP Boiler.</p> <p>Travel Concord Rig # 54 and support equipment to Horizon North Camp at Km # 23.</p> <p>Secure equipment for night.</p>



Daily Activity Summary

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Well Name: HOME SIGNAL CSP CELIBETA NO. 2 (H-78)

API/UWI 300/H-78-6010-12200/0	Surface Legal Location H-78-6010-12200	License # NWT-OL-2014-014	Field Name	State/Province NorthWest Territories
Well Configuration Type Vertical	Original KB Elevation (m) 488.90	KB-Ground Distance (m) 3.40	KB-Casing Flange Distance (m) 3.81	KB-Tubing Head Distance (m)

Rpt #	Start Date	End Date	Summary
16	3/9/2020	3/10/2020	<p>HSE: No incident, accidents or spills.</p> <p>Operations: Start travel to base Concord Rig # 54 and support equipment from KM # 23 camp.</p> <p>Cooper Barging Service Ltd and Wicked Transport load and travel off location the following:</p> <ul style="list-style-type: none">- To McClelland in Grande Prairie a (1) PowerSwivel Skid, (6) 88.9 mm Drill Collars, Drilling Subs and Mills- To Ketek in Ft Nelson (2) 8' x 40' mats, (1) 3.0 m3 Fuel Skid, (2) 63 m3 Tanks, (1) Garbage Bin- To Cooper Barging Service yard in Ft Nelson (136) Joints Tubing 73 mm x 1292 m EUE J-55 9.67 kg/m (refer to material transfer for complete details)- To Concord Well Servicing Yard in Grande Prairie <p>(1) Catwalk w/ Dual Folding Pipe Rack, (2) 8' x 45' Rig Mats, (2) 8' x 16' Rig Mats and (1) Support Trailer.</p> <p>(2) NT Resource Management officers inspect site. No spills or environmental issues observed on site.</p> <p>Concord Rig # 54 and support equipment stop in Ft St John for night.</p>
17	3/10/2020	3/11/2020	<p>HSE: No incident, accidents or spills.</p> <p>Operations: Continue to travel to base Concord Rig # 54 and support equipment from Ft. St. John.</p> <p>Ketek Rentals rig down Cell Booster, Trailer Sewage System and Double End Trailer.</p> <p>Cooper Barging Service Ltd and Ketek Rentals load and travel off location the following:</p> <ul style="list-style-type: none">- To Ketek in Ft Nelson (2) Light Towers, (2) Portable Bathrooms, (1) Cellular Booster. <p>Turn site over to Paramount Ground Reclamation and Cut n Cap Operations Supervisor.</p> <p>Concord Rig # 54 and support equipment arrive at base in GP 1330 hrs.</p> <p>Job Completed.</p>