

Well Operations Report



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Well Operations Report

PPR Mount Coty 2K-02

ACW-2021-PPR-2K-02-WID1993

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March 22, 2022

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SPECIALIST ASSET LIABILITY & ESG

Prairie Provident Resources

Angie Stastook
April 13, 2022

Well Operations Report

TABLE OF CONTENTS

1. OROGO Change of Well Status Form.....	3
2. Summary of Well Operations.....	5
3. Daily Reports of Well Operations.....	9
4. Wellbore Schematic.....	81
5. Other Pertinent Information.....	83

Well Operations Report

1. OROGO Change of Well Status Form

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	PPR Mounty Coty 2K-02	Operator	Prairie Provident Resources Ltd.
Well Identifier (WID)	1993	Unique Well Identifier (30xx...)	302/2K-02-60-20-123-30/1

STATUS INFORMATION

Effective Date: 22-02-2022

Well Type: Producer

If other, specify:

Well Mode: Abandoned

If other, specify:

Other:

If other, specify:

Fluid Production: (choose all applicable)

Not applicable	-	Steam	-
Crude Oil	-	Air	-
Gas	-	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: Tony Berthelet Phone: (403) 519-4087 Ext

Title: President & CEO E-Mail: tberthelet@ppr.ca

Operator: Prairie Provident Resources

Signature


Responsible Officer of Company

Date

Mar 23, 2022

Well Operations Report

2. Summary of Daily Operations

VERTEX PROFESSIONAL SERVICES OPERATIONS SUMMARY

Operator	Prairie Provident Resources Canada Ltd	Operation	Abandonment
Well Name	Mount Coty 2K-02	Licence	
Unique ID (UWI)	302/2K02-6020-12330/1	AFE / Job #	2287001
Objective	Abandon well as per OROGO regulations.	AFE Amount (\$)	622,201

Government Reporting Details		Operation	Interval Top (mKB)	Interval Base (mKB)	Shots Per Metre	Cement Amount	Cement Unit	Log/Tag
Date:	February 17, 2022	Cement retainer & cement cap	4159.87	4544.85		6.3	m³	Logged
Date:	February 19, 2022	Bridge plug, no cement	1002.2	1001.8				
Date:	February 21, 2022	Cement plug	1001.8	948.8		53	Metres	Logged
Date:								
Date:								
Date:								
Date:								
Date:								
Date:								
Date:								
Date:								
Date:								

Day 1		Moved on and spot (3) rig mats, PWS Rig # 830, (2) boiler mats, 80 HP boiler, 3.5 MPa - 12 m3 test unit, 16 m flare stack, SABA trailer, (2) insulated 60 m3 tanks, hydraulic laydown catwalk with racks, office unit, combo enviro / bathroom / light tower, cell booster tower. All equipment spotted to spacing requirements. Laid steam lines to wellhead and tank farm. Half mast PWS # 830 derrick. Rig crew switched blocks to 6 line from 4 line. Blocks did not travel proper as 2 lines rubbing. Re-strung lines to not rub. SITP 860 KPa. SICP 2600 KPa. Tarped in wellhead to ensure warm. Boiler hand on rig and equipment watch. Maintained heat to wellhead and tank farm for night. Hauled in 83 m3 Fresh Water.
Date:	January 23, 2022	
Daily Cost:	\$ 393,465	
Cumulative:	\$ 393,465	
Supervisor:	Dusty Schneider	

Day 2		Completed stringing blocks to 6 line. Laid pump and return line from rig pump. Laid and slung 34.5 MPa return line to test unit. Ensured all lines slinged. Setup SABA trailer. Post Muster Pts signs and position SCBA at each. Performed on going CAODC inspection of rig and equipment as use. Mike Tanton assisted in clearing snow and locating tapered work string on 23-Jan and 24-Jan. Removed SCV assembly form wellhead. ensure open. Perform SCVF Bubble test. No bubbles observed. OROGO and AER representatives on site for inspection. Bolt on Annular Bag to Double Gate BOP. Heat BOP. String lines for rental accumulator. SICP 2750 KPa. Tied in return line to test vessel. Bled off pressure to 60 KPa. Well start to flow fluid. Flowed back 1.0 m3 fluid in 30 minutes. Flared 0.100 e3m3 gas. No signs H2S. Burnable LEL only. SITP 850 KPa. Tied on and bled down tubing to 20 KPa. Monitored well 15 minutes. Well slugged 200 litre fluid. Fluid smells of diesel. Shut-in well and
Date:	January 24, 2022	
Daily Cost:	\$ 50,023	
Cumulative:	\$ 443,488	
Supervisor:	Dusty Schneider	

Day 3		Stump function and pressure tested 69 MPa - Class III BOP. Pressure tested blind and pipe rams 1.4 MPa (low) and 45 Mpa (high). Held all tests 10 minutes. Pass. Pressure tested annular bag 1.4 Mpa (low) and 21 Mpa (high). Held test 10 minutes each. Lubricate out PBV. Found 200 KPa pressure under valve. Bled off pressure. Pressure test plug at 49 mKB to 7.0 Mpa. Held 10 minutes. Remove upper production assembly. Install 114 mm pup joint and 69 MPa TIW. Strip on Class III BOP. Pressure test wellhead connection 1.4 JmPa (low) and 45 MPa (high). Held each test 10 minutes. Rig in slickline unit. Held BOP drill. Wait on BOP certification to be approved from AER / OROGO. Both have been approved. Slickline make multiple runs and determine size of prong at 49 mKB. Latch and pull prong from SSV at 49 mKB. SITP climb to 1255 KPa. Rig down slickline equipment rom wellhead. Pressure up tubing to 7.0 MPa. Pressure drops to 1100 KPa. Repeat test with same results. Secure site for night. Drain pump and lines. Boiler hand on fluid, heat and
Date:	January 25, 2022	
Daily Cost:	\$ 61,114	
Cumulative:	\$ 504,602	
Supervisor:	Dusty Schneider	

Day 4		SITP 1390 KPa. SICP 1314 KPa. Swept lease for LEL + H2S. None detected. Rigged in slickline. Latched and pulled Plug Body 49 mKB. Rig down slickline. Pumped fresh water 500 L/min x 1.0 MPa down tubing. Immediate gas and fluid returns from casing. Test to confirm returns are fresh water. Pump 9.0 m3 fresh water and return 9.0 m3 fresh water from casing. Intermittent flaring of gas for day of 0.1 e3m3 gas. Stopped pump. Try to lubricate and bleed method to kill well. Pump 1.0 m3 fresh water into the tubing and casing at same time. Tubing pressure climb to 17 MPa and casing pressure climb to 21 MPa. Monitor pressure bleed down for 1 hour. Shut in tubing pressure drop to 16 MPa. Shut in casing pressure drop to 20 mPa. Remove pressure equipment from wellhead. OROGO and AER on site for inspection. Run 72 mm impression block and tag multiple tight spots at 2468 mKB, 3248 mKB, 3431 mKB, 3458 mKB, 3724 mKB (final tag) . Unable to work past tight spot at 3715 mKB. Pulled tool string with 72 mm impression block.
Date:	January 26, 2022	
Daily Cost:	\$ 36,283	
Cumulative:	\$ 540,885	
Supervisor:	Dusty Schneider	

Day 5		SITP 2560 KPa. SICP 3550 KPa. Release non essential services. Perform rig maintenance. Wait on approval of operations from OROGO. Clean and secure wellhead, site and equipment. Winterize pump and lines. Released day rig crew. Boiler hand on site for rig watch and maintain heat on tank farm and wellhead.
Date:	January 27, 2022	
Daily Cost:	\$ 82,590	
Cumulative:	\$ 623,475	
Supervisor:	Dusty Schneider	

Day 6		SITP 2550 KPa. SICP 3500 KPa. Rigged in slickline unit. Ran in 38.1 mm tool string with 95.8 mm Guage Ring. Uanble to run thru tight spot at 365 mKB. Pulled slickline tool string. Break down slickline equipment. Makeup up electric line equipment on top of 114 mm - 10K TW Valve. Run 43 mm CCL / Perforating Gun : 43 mm x 0.6 m - 3.2 gram - 8 shots total - 0 degree phasing. Locate 114 tubing collars at 3698.9 and 3707.8 mKB. Tag bottom 3721 mKB. Peforated 114 mm tubing 3709.1 - 3709.8 mKB x 12:25 hrs.. Pull out CCL / fired perforating gun. Rig down wireline equipment and unit. Connected circulation lines to wellhead. Perform lubricate and bleed method to try and kill influx of fluids and gas to wellbore. Fluid used to pump is 9.0 m3 x 1340 kg/m - Calcium Chloride (kill fluid). Recover 4.7 m3 foamy fluid. Shutin tubing 10000 KPa. Shutin casing 21000 KPa. Total water pump 9.0 m3 - 1340 kg/m3 Calcium Chloride. Water recover 4.70 m3 foamy fluid.
Date:	January 28, 2022	
Daily Cost:	\$ 78,011	
Cumulative:	\$ 701,486	
Supervisor:	Dusty Schneider	

Day 7		Connected circulation lines to wellhead. Perform lubricate and bleed method to try and kill influx of fluids and gas to wellbore. Fluid used to pump is 1340 kg/m - Calcium Chloride (kill fluid). Shutin tubing 18105 KPa. Shutin casing 20101 KPa. Total Calcium Chloride water pump 1.8 m3 - 1340 kg/m3 Calcium Chloride. Water recover 0.9 m3 foamy fluid. Total gas flare for day 0.001 e3m3. SDFN.
Date:	January 29, 2022	
Daily Cost:	50046	
Cumulative:	751532	
Supervisor:	Dusty Schneider	

Day 8		Connected circulation lines to wellhead. Perform lubricate and bleed method to try and kill influx of fluids and gas to wellbore. Bleed off casing slowly. Recover 4.45 m3 foamy water. Shutin well at 1530 hrs for night. Tubing tubing 120 KPa. Casing 240 KPa. Total gas flare for day 0.001 e3m3. SDFN.
Date:	January 30, 2022	
Daily Cost:	33739	
Cumulative:	785271	
Supervisor:	Dusty Schneider	

Day 9		Bled off casing slowly. SITP 82 KPa. SICP 388 KPa. Bled down casing thru 6/64" choke to 0 KPa. Recovered 1.5 m3 foamy water. Tubing 0 KPa. Casing 0 KPa. Rigged in casing jack and attempted to jack tubing. 114.3mm tubing connection parted above the tubing hanger. Landed tubing hanger and attempted jack with a spear assembly. Speared the tubing string below tubing hanger. Jacked multiple times up and down. Worked from 90,000 daN to 115,000 daN, but unable to get tubing moving up hole. Rigged out casing jack. Removed BOPs and installed wellhead. Prepared for coiled tubing to arrive. Coiled tubing unable to traverse lease road. Shut in well at 20:30 hrs for night. Tubing 0 KPa. Casing 0 KPa. Total gas flared for day 0.000 e3m3. SDFN.
Date:	January 31, 2022	
Daily Cost:	85669	
Cumulative:	870940	
Supervisor:	Dusty Schneider	

VERTEX PROFESSIONAL SERVICES OPERATIONS SUMMARY

Operator	Prairie Provident Resources Canada Ltd	Operation	Abandonment
Well Name	Mount Coty 2K-02	Licence	
Unique ID (UWI)	302/2K02-6020-12330/1	AFE / Job #	2287001
Objective	Abandon well as per OROGO regulations.	AFE Amount (\$)	622,201

Day 10		Conducted a level II inspection on the mast. Stood the mast and centered it over the wellbore. Changed over from 114.3 mm to 60.3 mm handling equipment. Stump tested the BOP stack. Removed the 69 Mpa wellhead and installed the 69 MPa Class III BOP stack. Spotted and rigged in the pipe handler and pipe racks. Completed general maintenance and house keeping. Completed lease inspection to ensure there were no leaks or garbage on location. Headed the BOPs and kill fluids via the boiler throughout the night.
Date:	February 1, 2022	
Daily Cost:	\$ 55,334	
Cumulative:	\$ 926,274	
Supervisor:	Dave Butts	
Day 11		Top filled the wellbore requiring 2 m³ of 1130 kg/m³ KCl water. Waited for the 60.3 mm, P-110 work string to arrive on location. Offloaded and counted tubing. Made up and ran into the wellbore with the Thru Tubing Solutions mud motor assembly on the 60.3 mm, P-110 work string. Tested the motor at surface with the test passing with no concerns raised. Tubing bottom landed at 847.53 mKB for the night. Headed the BOPs and kill fluids via the boiler throughout the night.
Date:	February 2, 2022	
Daily Cost:	\$ 52,711	
Cumulative:	\$ 978,985	
Supervisor:	David Butts	
Day 12		Continued to run into the wellbore with the Thru Tubing Solutions mud motor assembly on the 60.3 mm, P-110 work string. Did not see any weight loss or overpull when running or pull testing the tubing string. Tubing bottom landed at 3375.25 mKB for the night. Headed the BOPs and kill fluids via the boiler throughout the night.
Date:	February 3, 2022	
Daily Cost:	\$ 21,917	
Cumulative:	\$ 1,000,902	
Supervisor:	David Butts	
Day 13		Continued to run into the wellbore with the Thru Tubing Solutions mud motor assembly on the 60.3 mm, P-110 work string. Tagged obstruction at 3797.22 mKB and rigged up the JU packoff head, anti torque head and the static line. Conducted clean out/mill out operations from obstruction at 3797.22 mKB to 4052.2 mKB. Tubing bottom landed at 4052.2 mKB for the night. Headed the BOPs and kill fluids via the boiler throughout the night.
Date:	February 4, 2022	
Daily Cost:	\$ 25,260	
Cumulative:	\$ 1,026,162	
Supervisor:	David Butts	
Day 14		Continued to run into the wellbore with the Thru Tubing Solutions mud motor assembly on the 60.3 mm, P-110 work string. Tagged obstruction at 4149.1 mKB and rigged up the anti torque head and the static line. Conducted clean out/mill out operations from obstruction at 4149.1 mKB to PBTD at 4546.99 mKB. Forward circulated the wellbore clean pumping 38 m³ of 1130 kg/m³ KCl water. Rigged out circulating equipment. Stripped off the JU packoff head and the 179.4 mm, 69 MPa x 179.4 mm, 35 MPa adaptor flange and stripped on and secured the BOP wear plate. Began pulling out of the wellbore with the 60.3 mm, P-110 tubing standing it in the tubing board. Tubing bottom landed at 3385.25 mKB for the night. Headed the BOPs and kill fluids via the boiler throughout the night.
Date:	February 5, 2022	
Daily Cost:	\$ 25,117	
Cumulative:	\$ 1,051,279	
Supervisor:	David Butts	
Day 15		Pulled out of the wellbore with the remaining 350 joints of 60.3 mm, P-110 tubing. Spotted and rigged in Reliance Oilfield Services wireline unit. Ran into the wellbore with a 92.5 mm gauge ring assembly. Tagged the 114.3 mm x 88.9 mm crossover at 4545 mKB. Pulled out of the wellbore with the gauge ring assembly. Prepared the 114.3 mm spear assembly stripping the wireline through. Tied a new cable and completed function testing, function tests were good.
Date:	February 6, 2022	
Daily Cost:	\$ 34,740	
Cumulative:	\$ 1,086,019	
Supervisor:	David Butts	
Day 16		Spotted and rigged in the casing jacks. Ran into the wellbore with the 87.29 mm Core Lab jet cutter assembly. Pulled the tubing to 115,000 daN (30,000 daN over string weight). Positioned the cutter and cut the 114.3 mm, L-80 tubing at 4544.85 mKB but did not observe any movement in the tubing. Worked the tubing from 50,000 daN to 115,000 daN without observing any movement at any point while working the tubing string. Capped and secured the wellbore. Ordered free point and fishing tools required for the following days operations.
Date:	February 7, 2022	
Daily Cost:	\$ 32,153	
Cumulative:	\$ 1,118,172	
Supervisor:	David Butts	
Day 17		Rigged in free point equipment. Completed free point operations pulling the 114.3 mm tubing to 115,000 daN. Observed a free point of 1006 mKB. Pulled out of the wellbore and rigged out free point equipment. Held conference call between Vertex Calgary and onsite representatives and Can-Fish Nisku representative to discuss program planning for 114.3 mm tubing retrieval. Changed over from 114.3 mm to 60.3 mm handling and well control equipment. Pressure tested the 60.3 mm pipe rams to a low of 1.4 MPa and a high of 21 MPa holding each test for 10 minutes. Pressure tests passed with no leak off observed.
Date:	February 8, 2022	
Daily Cost:	\$ 81,213	
Cumulative:	\$ 1,199,385	
Supervisor:	David Butts	
Day 18		Ran into the wellbore with the Tryton Tools double grip packer assembly. Ran and set pack C.E. at 47.09 mKB. Pressure tested the 114.3 mm tubing to 7 MPa from 47.09 mKB to surface, pressure test passed. Ran down, set packer C.E. at 221.74 mKB and pumped a marker calculating a hole at ~ 734 mKB. Unset packer, ran down, set packer C.E. at 913.28 mKB and pumped a marker calculating a hole at ~ 2300 mKB. Unset packer, ran down, set packer C.E. at 2802.28 mKB and pumped a marker calculating the fluid to have travelled through the perforations in the 114.3 mm tubing at 3709.1 mKB. Unset the packer, drained and winterized equipment and secured the wellbore. Tubing bottom landed at 2841.6 mKB for the night.
Date:	February 9, 2022	
Daily Cost:	\$ 44,794	
Cumulative:	\$ 1,244,179	
Supervisor:	Dusty Schneider	
Day 19		Ran in and set packer at 3870.56 mKB. Pumped a marker around the wellbore determining that the fluid was travelling through the jet cut at 4544.85 mKB. Pulled out of the wellbore with 320 joints of 60.3 mm tubing.
Date:	February 10, 2022	
Daily Cost:	\$ 30,308	
Cumulative:	\$ 1,274,487	
Supervisor:	David Butts	
Day 20		Pulled and stood the rest of the 60.3 mm tubing string. Spotted and rigged in the casing jacks. Worked the tubing from 90,000 daN to 115,000 daN without observing any movement at any point while working the tubing string. Pulled the tubing to 117,000 daN (32,000 daN over string weight). Maximum movement at 115,000 daN pull was 0.76 m of pipe travel at surface. Maximum movement at 117,000 daN pull was 0.84 m of pipe travel at surface. Capped and secured the wellbore. Hauled away the dirty fluids and boiler water on site to disposal. Drained and winterized all equipment. Rig crew and other on site personnel were sent home to shut down for hours reset.
Date:	February 11, 2022	
Daily Cost:	\$ 72,598	
Cumulative:	\$ 1,347,085	
Supervisor:	David Butts	
Day 21		All personnel travelled back from hours of service reset. Preheated and fired all equipment. Filled and fired the boiler. Began heating the BOPs and kill



VERTEX PROFESSIONAL SERVICES OPERATIONS SUMMARY

Operator	Prairie Provident Resources Canada Ltd	Operation	Abandonment
Well Name	Mount Coty 2K-02	Licence	
Unique ID (UWI)	302/2K02-6020-12330/1	AFE / Job #	2287001
Objective	Abandon well as per OROGO regulations.	AFE Amount (\$)	622,201

Date:	February 15, 2022	fluids via the boiler. Fired and heated the 69 MPa accumulator equipment.
Daily Cost:	\$ 42,391	
Cumulative:	\$ 1,389,476	
Supervisor:	David Butts	
Day 22		
Date:	February 16, 2022	Spotted and rigged in wireline. Ran in with 92.5 mm gauge ring and junk basket to 4250 mKB. Ran into the wellbore and set a Tryton Tools Viton cement retainer with C.E. at 4197.08 mKB. Ran into the wellbore with the Tryton Tools 88.9 mm centralized cement stinger assembly on 60.3 mm tubing.
Daily Cost:	\$ 42,484	Tagged the cement retainer and spaced out. Stung into the cement retainer leaving the retainer valve open for the night.
Cumulative:	\$ 1,431,960	
Supervisor:	David Butts	
Day 23		
Date:	February 17, 2022	Spotted and rigged in cementing equipment. Completed cementing as per program pumping 10 m³ of fresh water ahead of 6.3 m³ of Thermal 40 cement.
Daily Cost:	\$ 54,613	Calculated cement top in the 177.8 mm annulus is 4164.85 mKB. Calculated cement top on the cement retainer is 4159.87 mKB translating to a 38 meter cement cap. Backed washed the tubing clean and circulated the wellbore over to clean fresh water pumping a total of 61.95 m³ into the wellbore. Began pulling out of the wellbore with the 60.3 mm, P-110 tubing string. Tubing bottom is landed at 3372.75 mKB for the night. Top filled the wellbore with 0.6 m³ of fresh water.
Cumulative:	\$ 1,486,573	
Supervisor:	Dusty Schneider	
Day 24		
Date:	February 18, 2022	Pull and lay down the remaining 353 joints of 60.3 mm, P-110 tubing string. Top filled the wellbore with clean fresh water while pulling out with the tubing. Pressure tested the wellbore to 7.2 MPa for 24 minutes, pressure test passed with no leak off observed. Spotted and rigged up wireline and casing jacks.
Daily Cost:	\$ 57,007	Ran into the wellbore with the jet cutting assembly. Speared into tubing and pull into 15,000 daN tension. Jet cut the 114.3 mm tubing at 1000 mKB.
Cumulative:	\$ 1,543,580	Worked the tubing string observing it moving freely pulling at 33,000 daN. Could not come down on the tubing to land the tubing hanger in the tubing head. Worked the tubing to a place to allow for securing the wellbore. Pulled and laid down the jet cutter and spear assemblies. Rigged out the wireline equipment.
Supervisor:	David Butts	
Day 25		
Date:	February 19, 2022	Speared into the 114.3 mm tubing and stripped off the casing jacks. Spotted and rigged in the integral tongs. Pulled out of the wellbore laying down the 102 joints of 114.3 mm tubing. Rigged in wireline unit and support equipment. Ran into the wellbore with a 147.3 mm gauge ring tagging the top of 114.3 mm tubing stump at 1005.7 mKB. Ran into the wellbore and set a 10K permanent bridge plug with C.E. at 1002 mKB. Ran into the wellbore with the GR-CCL-RBL cement bond log tools completing a high speed down from surface to the top of the bridge plug at 1001.8 mKB. Did not observe any discernible cement top at any point in the high speed log. Pull out of the wellbore conducting the main pass from 1001.8 mKB to surface again without observing any discernible cement top. Rigged out the wireline unit and support equipment.
Daily Cost:	\$ 76,727	
Cumulative:	\$ 1,620,307	
Supervisor:	David Butts	
Day 26		
Date:	February 20, 2022	Waited on approval for the next programmed step from OROGO. Began clearing out the snow around equipment and work areas in preparation for rig out operations. Completed general maintenance and housekeeping. After receiving approval from OROGO ran into the wellbore with the 60.3 mm tubing tagging the bridge plug top at 1002.53 mKB. Spaced out and landed the tubing bottom at 1002.33 mKB placing it 0.2 meters above the top of the bridge plug.
Daily Cost:	\$ 29,932	
Cumulative:	\$ 1,650,239	
Supervisor:	David Butts	
Day 27		
Date:	February 21, 2022	Spotted and rigged in cementing equipment. Worked to repair a mechanical issue with the starter on the deck engine. Balanced a 1 m³ cement cap onto the bridge plug with C.E. at 1002 mKB equating to a 53 meter cement cap. Cement cap top is calculated to be 948.8 mKB. Pulled up above the cement cap and back washed the tubing clean with 4 m³ of clean fresh water. Rigged out cementing equipment. Pulled and laid down the 60.3 mm, P-110 tubing string. Rigged out the tubing tong, air slips, escape stairs, v-door and the working floor. Removed the Class III BOP stack, installed and secured the wellhead assembly. Conducted a level II inspection on the mast, inspection was good. Rigged out the rig and support equipment. Hauled out some auxiliary rental equipment.
Daily Cost:	\$ 53,681	
Cumulative:	\$ 1,703,920	
Supervisor:	David Butts	
Day 28		
Date:	February 22, 2022	Loaded out service rig and support equipment. Loaded out the remaining rental equipment. Cut and capped the wellbore 2.03 meters below ground level. Assembled gas migration test box buried 0.5 meters below ground level as per OROGO specifications.
Daily Cost:	\$ 48,921	
Cumulative:	\$ 1,752,841	
Supervisor:	Dusty Schneider	
Day 29		
Date:		
Daily Cost:		
Cumulative:		
Supervisor:		
Day 30		
Date:		
Daily Cost:		
Cumulative:		
Supervisor:		
Day 31		
Date:		
Daily Cost:		
Cumulative:		
Supervisor:		

Well Operations Report

3. Daily Reports Of Well Operations

V3.02

**VERTEX PROFESSIONAL SERVICES
DAILY RECORD - CONTINUED**

WELL Mount Coty 2K-02 UWI 302/2K02-6020-12330/1 DATE 23-Jan-22 DAY NO. 1

ADDITIONAL REMARKS:

19:00 hrs: Boiler hand on rig watch. Maintained heat to tank farm and wellhead.

24:00 hrs: End report for day.

V3.02

**VERTEX PROFESSIONAL SERVICES
DAILY RECORD - CONTINUED**

WELL Mount Coty 2K-02 UWI 302/2K02-6020-12330/1 DATE 24-Jan-22 DAY NO. 2

ADDITIONAL REMARKS:

15:30 hrs: SICP 2750 KPa. Tied in return line to test vessel. Bled off pressure to 60 KPa. Well start to flow fluid. Flowed back 1.0 m3 fluid in 30 minutes. Flared 0.100 e3m3 gas. No signs H2S. Burnable LEL only
16:00 hrs: SITP 850 KPa. Tied on and bled down tubing to 20 KPa. Monitored well 15 minutes. Well slugged 200 litres fluid. Fluid smells of diesel. Shut in well and monitor. Tubing pressured up to 450 Kpa. Bled off tubing to 20 Kpa. Probed thru well and touched BPV in tubing hanger. Well slugged 100 litre fluid to test unit.

17:00 hrs: Cleaned and secured wellhead, site and equipment. Picker loaded of 88.9 mm from Sama 132 EOG Camp

17:30 hrs: Released services for day.

19:00 hrs: Boiler hand on site for night to maintain heat at wellhead, BOP's and tank farm

24:00 hrs : End report for day.

**VERTEX PROFESSIONAL SERVICES
DAILY RECORD - CONTINUED**

WELL Mount Coty 2K-02 UWI 302/2K02-6020-12330/1 DATE 25-Jan-22 DAY NO. 3

ADDITIONAL REMARKS:

13:00 hrs. Broke apart and removed Dual Master 69 MPa Welhead. Installed 114 mm Pup Joint with 69 MPa Stabbing Valve into tubing hanger.

13:00 hrs. Removed 69 MPa Dual Master Upper Wellhead Assembly. Installed 114 mm Pup Joint and 114 mm x 69 MPa TIW valve.

13:30 hrs. Stripped on 69 MPa x Class III BOP and working floor with stairs

14:30 hrs. Pressure tested wellhead connection against tubing hanger to 1.4 Mpa (low) and 45 Mpa (high). Held each test 10 minutes. No leak off of pressure.

14:45 hrs. Spotted and rigged in slickline unit. Tied new rope socket for 0.125" SS Line. Inspected pack off head. Installed pressure control equipment 114 mm TIW Valve. Tied in pump line to flow tee. Made up 38.1 mm tool string with 88.9 mm JUC Pull Tool in lubricator. Purge lubricator with N2 prior and after each run.

15:15 hrs. Waited for OROGO and AER to be satisfied with 69 MPa Class III BOP certifications.

15:45 hrs. Held BOP drill. Reviewed results with personal. Discussed area off possible improvement.

16:15 hrs. Resumed operations. Ran 89 mm JUC Pull Tool. Tag but unable to latch prong at 49 mKB. Pull tools. Ran 63 mm JUC Pull Tool. Tag but unable to latch prong at 49 mKB. Ran 70 mm impression block. tag and pull block. Impression shows small fish neck. Ran 50 mm JUC Pull Tool. Latch onto prong and unseat. Pull tools and prong to surface. SITP 1255 KPa. SICP 806 KPa. Laid down lubricator and cap wireline pressure control equipment.

18:00 hrs. Pumped 0.6 m3 fresh water to pressure up tubing to 7.0 MPa. Stopped pump. Pressure immediately dropped to 1100 KPa. Repeated pressure test with same results. SICP climbed to 821 KPa. SITP maintained 1255 KPa.

18:30 hrs. Rigged down slickline unit for night. Cleaned and secured wellhead and site. Winterized pump and lines.

19:00 hrs. Released day rig crew. Boiler hand on site for rig watch and maintain heat on tank farm and wellhead. Travelled and off loaded 88.9 mm 13.49 kg/m L80 tubing and 73 mm 9.67 kg/m L-80 tubing from EOG on side of location.

24:00 hrs. End of report for day.

**VERTEX PROFESSIONAL SERVICES
DAILY RECORD - CONTINUED**

WELL Mount Coty 2K-02 UWI 302/2K02-6020-12330/1 DATE 25-Jan-22 DAY NO. 3

ADDITIONAL REMARKS:

**VERTEX PROFESSIONAL SERVICES
DAILY RECORD - CONTINUED**

WELL Mount Coty 2K-02 UWI 302/2K02-6020-12330/1 DATE 26-Jan-22 DAY NO. 4

ADDITIONAL REMARKS:

10:00 hrs. Tried lubricate and bleed method to kill well. Pump 4.0 m3 fresh water down tubing with casing shutin. Pressure slowly climb to 10.5 MPa on tubing and 15.3 MPa on casing. Stopped pump and wait 45 minutes. Tubing pressure 10 MPa. Casing pressure 14.7 MPa.

11:30 hrs Resumed lubricate and bleed method to kill well. Pump 1.0 m3 fresh water into the tubing and casing at same time. Tubing pressure climb to 17 MPa and casing pressure climb to 21 MPa. Monitored pressure bleed down for 1 hour. Shut in tubing pressure drop to 16 MPa. Shut in casing pressure drop to 20 MPa. Removed pressure equipemnt from wellhead. OROGO and AER on site for final day of inspection.

12:30 hrs. Rigged in slickline unit. Inspected rope socket for 0.125" SS Line. Inspected pack off head. Installed pressure control equipment on 114 mm TIW Valve. Tied in pump line to flow tee. Made up 38.1 mm tool string with 72 mm impression block. Purged lubricator with N2 prior and after each run. Run 72 mm impression block and tag multiple tight spots at 2468 mKB, 3248 mKB, 3431 mKB, 3458 mKB, 3715 mKB. Unable to work past tight spot at 3715 mKB. Pulled tool string with 72 mm impression block. Impression block showed scrapes on face and and sides of impression block. Ran 50 mm Gauge Ring. Unable to work thru tight spot at 3724 mKB. Pulled tool string and 50 mm gauge ring. No signs of metal on metal scars. Rigged down slickline control equipment from wellhead. Rigged down combo wireline unit for night.

1600 hrs. OROGO confirmed change in program to pull PX Prong at 4559.9 mKB prior to pulling.

1630 hrs. Clean and secure wellhead, site and equipment. Winterize pump and lines.

17:00 hrs. Released day rig crew. Boiler hand on site for rig watch and maintain heat on tank farm and wellhead.

24:00 hrs. End of report for day.

Flare Notification:

Intermittant flare volumes for day : 0.10 103m3



VERTEX PROFESSIONAL SERVICES DAILY RECORD

Abandonment

WELL: Mount Coty 2K-02 DATE OF OPERATIONS: 27-Jan-22

UWI: 302/2K02-6020-12330/1 AFE / JOB NO.: 2287001

OBJECTIVE: Abandon well as per OROGO regulations. DAY NO.: 5

FORMATION: Nahanni PERFORATIONS: (open hole, 152 mm) 4580-4726

FORMATION: _____ PERFORATIONS: _____

FORMATION: _____ PERFORATIONS: _____

FORMATION: _____ PERFORATIONS: _____

DESCRIPTION OF OPERATIONS CONDUCTED

00:00 hrs. Boiler hand on location. Heat tanks and wellhead. Rig watch

07:30 hr. Held safety and operations meeting. Reviewed muster point's, work with H2S, Emergency Transport, ERP, contractor rules and regulations. Inspected work site for hazards. No LEL or H2S detected.

08:00 hrs. SITP 2560 KPa. SICP 3550 KPa. Released non-essential services. Performed rig maintenance. Waiting on approval of operations from OROGO.

15:00 hrs. Cleaned and secured wellhead, site and equipment. Winterized pump and lines.

15:30 hrs. Released day rig crew. Boiler hand on site for rig watch and maintain heat on tank farm and wellhead.

24:00 hrs. End of report for day.

Flare Notification:
Flare volumes for day : 0.0 103m3

COST SUMMARY

Description	Code	Amount
Location		
Service Rig		9274
Coiled Tubing		
Cementing		
Stimulation		
Snubbing		
Fishing		
Boiler / Steamer		
Safety		1405
Production Testing		3479
Wellhead Equipment		
Service Trucks		10660
Fluids & Materials		14600
Wireline / Slickline		
Equipment Rental		41110
Downhole Equipment		
Artificial Lift		
Supervision & Engineering		2062
Misc Services		
Safety Tracking	Today	Cumulative
Workers Oriented	14	80
Contractor Hours Worked	152	707
Supervisor Hours Worked	10	55
Kilometers Driven	4300	17850

OPERATION PLANNED FOR: 28-Jan-22

Perforate 114 mm tubing at 3720 mKB. Forward circulate heavy weight fluid. Start lubricate and bleed operations to kill wellbore.

CONTRACTOR: <u>PWS</u>	RIG NO: <u>830</u>	WEATHER: <u>Overcast</u>	TEMP °C HI / LO: <u>-8 / -16</u>
FORMATION: <u>Nahanni</u>		DAILY COST:	\$ <u>82,590</u>
FLUID TYPE: <u>Fresh H₂O</u> <u>Clay Stab. H₂O</u> <u>KCl H₂O</u>		PREVIOUS COST:	\$ <u>540,885</u>
FLUID PUMPED TODAY (m³):		TOTAL COST TO DATE:	\$ <u>623,475</u>
CUMMULATIVE FLUID PUMPED (m³): <u>9</u>		AFE ESTIMATE:	\$ <u>622,201</u>
NON REC. ANNULAR FLUID (m³):		WELLSITE SUPERVISOR	REPORT TAKEN BY
FLUID RECOVERED TODAY (m³):		<u>Dusty Schneider</u>	<u>Clive Mountford</u>
FLUID LEFT TO RECOVER (m³): <u>0</u>		<u>780-897-5737</u>	<u>cmountford@vertex.ca</u>

V3.02

**VERTEX PROFESSIONAL SERVICES
DAILY RECORD - CONTINUED**

WELL Mount Coty 2K-02 UWI 302/2K02-6020-12330/1 DATE 28-Jan-22 DAY NO. 6

ADDITIONAL REMARKS:

1300 hrs. Connected circulation lines to wellhead. Perform lubricate and bleed method to try and kill influx of fluids and gas to wellbore. Fluid used to pump is 1340 kg/m - Calcium Chloride (kill fluid).

Job Break Down:

- SITP 2550 KPa. SICP 3500 KPa. Both pressures are liquid not gas.
- (13:15 hrs) Pumped 0.5 m3 Calcium Chloride down tubing at 100 L/min x 3.5 MPa. Fluid to surface from casing. Returns are diesel / water. Continue to pump 4.0 m3 Calcium Chloride down tubing. Tubing pressure climbing slowly. Return 3.0 m3 foamed fluid from casing. Samples show 1340 Calcium Chloride returns from casing.
- (13:30 hrs) Stop pump and shut in tubing and casing. SITP 17,000 KPa. SICP 22,165 KPa at 13:30 hrs.
- (13:45 hrs) SITP 15,500 KPa. SICP 20,930 KPa. Open well and slowly bleed down casing. Recover 0.1 m3 foamed diesel - water mixture. Pump 1.5 m3 Calcium Chloride down tubing at 90 L/min. Tubing climb to 17000 KPa. Casing 21600 KPa. foamed diesel - water -
- (14:00 hrs) Stop pump and wait 30 minutes. Tubing 16800 KPa. Casing 20500 KPa.
- (14:30 hrs) Leave tubing shut in. Pump 1.0 m3 Calcium Chloride down casing at 90 L/min. Casing pressure climb to 251900 KPa. Tubing pressure climb to 19900 Stop pump.
- (15:30 hr) Tubing 21000 KPa. Casing 25497 KPa. Sowly bleed down tubing. Recover 1.2 m3 foamy returns. Tubing pressure 2500 KPa. Casing pressure 5465 KPa.
- (15:45 hrs) Pump down tubing 1.0 m3 Calcium Chloride at 90 L/min. Tubing pressure 17500 KPa. Casing pressure 23405 KPa.
- Stop pump and wait 75 minutes. Tubing pressure 18000 KPa. Casing pressure 23460 KPa.
- (17:15 hrs) Bleed down casing slowly. Recover 0.25 m3 foamy water. Tubing pressure 10000 KPa. Casing pressure 14100 KPa.
- (17:30 hrs) Pump 1.0 m3 Calcium Chloride at 90 L/min down tubing. Tubing pressure 21000 KPa. Casing pressure 26900 KPa.
- Stop pump and wait 45 minutes. Tubing pressure 20890 KPa. Casing pressure 26810 KPa.
- (18:30 hrs) Bleed down csing slowly and recover 0.150 m3 foamy water. Tubing pressure 10000 KPa. Casing pressure 21000 KPa.

Total water pump 9.0 m3 - 1340 kg/m3 Calcium Chloride. Water recover 4.70 m3 foamy fluid.
Total gas flare for day 0.10 103m3.

18:30 hrs. Cleaned and secured wellhead, site and equipment. Winterized pump and lines.

19:00 hrs. Released day rig crew. Boiler hand on site for rig watch and maintain heat on tank farm and wellhead.

24:00 hrs. End of report for day.

**VERTEX PROFESSIONAL SERVICES
DAILY RECORD - CONTINUED**

WELL Mount Coty 2K-02 UWI 302/2K02-6020-12330/1 DATE 29-Jan-22 DAY NO. 7

ADDITIONAL REMARKS:

12:15 hrs. Continued to perform lubricate and bleed method to try and kill influx of fluids and gas to wellbore. Fluid used to pump is 1340 kg/m - Calcium Chloride (kill fluid).

Job Break Down:

- (12:15 hr) Pumped 0.25 m3 Calcium Chloride down tubing. Tubing 18900 KPa. Casing 24795 KPa.
- (13:13 hr) Bled off 0.15 m3 foamy fluid from casing. Tubing 10980 KPa. Casing 18,890 KPa.
- (13:15 hr) Pump 0.20 m3 Calcium Chloride down tubing. Tubing 18900 KPa. Casing 25420 KPa.
- (14:13 hr) Bled off 0.10 m3 foamy fluid from casing. Tubing 18105 KPa. Casing 20101 KPa.
- (14:15 hr) Pumped 0.20 m3 Calcium Chloride down tubing. Tubing 19500 KPa. Casing 25405 KPa.
- (16:13 hr) Bled off 0.10 m3 foamy fluid from casing. Tubing 18105 KPa. Casing 20101 KPa.
- (16:15 hr) Pumped 0.10 m3 Calcium Chloride down tubing. Tubing 19,480 KPa. Casing 25302 KPa.
- (17:30 hr) Tubing 18,990 KPa. Casing 25199 KPa. Bled off 0.10 m3 foamy fluid from casing. Tubing 18105 KPa. Casing 20101 KPa.

Total water pumped 1.8 m3 - 1340 kg/m3 Calcium Chloride. Water recovered 0.9 m3 foamy fluid.

Total gas flare for day 0.001 e3m3.

17:30 hrs. Cleaned and secured wellhead, site and equipment. Winterized pump and lines.

18:00 hrs. Released day rig crew. Boiler hand on site for rig watch and maintain heat on tank farm and wellhead.

24:00 hrs. End of report for day.

**VERTEX PROFESSIONAL SERVICES
DAILY RECORD - CONTINUED**

WELL Mount Coty 2K-02 UWI 302/2K02-6020-12330/1 DATE 30-Jan-22 DAY NO. 8

ADDITIONAL REMARKS:

No H2S detected. Tubing pressure 120 KPa. Casing 240 KPa.

Fluid Summary:

**Total fluid pump = 0.0 m3. Total fluid return 4.45 m3. Estimate gas flare
0.0001 e3m3.**

13:30 hrs. Monitor wellbore pressure as:

- (14:00 hr) Tubing 130 KPa. Casing 530 KPa.

- (15:00 hr) Tubing 100 Kpa. Casing 560 KPa.

While monitoring well pressure. Unloaded 6500 genie - man lift. Spotted and setup H2S Scrubber on tank farm .

15:00 hrs. Cleaned and secured wellhead, site and equipment. Winterized pump and lines.

15:00 hrs. Released day rig crew. Boiler hand on site for rig watch and maintain heat on tank farm and wellhead.

24:00 hrs. End of report for day.

**VERTEX PROFESSIONAL SERVICES
DAILY RECORD - CONTINUED**

WELL Mount Coty 2K-02 UWI 302/2K02-6020-12330/1 DATE 31-Jan-22 DAY NO. 9

ADDITIONAL REMARKS:

14:30 hrs. Thread in 69 MPa TIW onto 114 mm L-80 LT&C Pup Joint with cross over nipples to 114 mm 3KNSB thread into top of tubing hanger. Close 114 mm tubing rams. Pressure test wellhead connection to 1.4 Mpa (low) and 45 Mpa (high). Held each test 10 minutes. No leak off . Bled off pressure. Remove TIW Valve, 114 mm Pup Joint and cross over nipples from tubing hanger.

15:15 hrs. Rig in 180 daN casing jack unit on top of 69 MPa BOP. Run in 103 mm x 8.3 m Spear assembly. Spear tubing string below tubing hanger. Jack multiple times up and down. Work from 90,000 daN to 115,000 daN. Unable to freely move 114 tubing strung freely up hole. Rig down casing jack unit and release to Ft Nelson. Landed tubing hanger. Tightened up lag bolts and secured tubing hanger in place.

18:30 - Held a pre-job safety and operations meeting with all personnel on location. Completed pre work COVID screening on all personnel, all personnel passed and were cleared for duty. Completed all required Prairie Provident orientations. Issued and reviewed the safe work permits and hazard assessments. Discussed the job scope for the shift, the hazards associated with each task and the controls to mitigate those hazards. Reviewed the site specific ERP, muster areas and the fire and explosion prevention plan. Assigned tasks.

18:30 - Rigged back working floor and stairs. Laid down PWS 830 rig derrick into saddle. Secured rig.

19:30 - Spotted and rigged in the LaPairie Crane and installed required counter weights. Removed Class III - 69 MPa BOP and working spool. Installed Dual Master 69.0 MPa - 4 1/16" Upper Wellhead assembly on tubing head.

20:30 - Released rig crew for night.

21:00 - Moved in and spotted shack and septic system. Coil supervisor showed up on site and reviewed the access situation. Step was unable to travel to location with their coil equipment. Reviewed with Calgary - decision to get prepared to clean tubing with 60.3 mm jointed pipe.

22:00 - Rigged out and released LaPrairie crane.

24:00 - Boiler activity on location.



VERTEX PROFESSIONAL SERVICES DAILY RECORD

Abandonment

WELL: Mount Coty 2K-02 DATE OF OPERATIONS: 1-Feb-22

UWI: 302/2K02-6020-12330/1 AFE / JOB NO.: 2287001

OBJECTIVE: Abandon well as per OROGO regulations. DAY NO.: 10

FORMATION: Nahanni PERFORATIONS: 4580 - 4726 mKB (152 mm Open Hole - Suspended)

FORMATION: _____ PERFORATIONS: _____

FORMATION: _____ PERFORATIONS: _____

FORMATION: _____ PERFORATIONS: _____

DESCRIPTION OF OPERATIONS CONDUCTED

00:00 - Boiler hand on location. Heated tanks and wellhead. Rig watch.

06:30 - Continued to complete cross shift meeting with Dusty Schneider which had began at camp during the previous night.

07:30 - Held a pre-job safety and operations meeting with all personnel on location. Completed pre work COVID screening on all personnel, all personnel passed and were cleared for duty. Completed all required Prairie Provident Resources Canada Inc. Issued and reviewed the Vertex Professional Services safe work permits and hazard assessments. Discussed the job scope for the day, the hazards associated with each task and the controls to mitigate those hazards. Reviewed the site specific ERP, muster areas and the fire and explosion prevention plan.

08:00 - Swept the lease for the presence of gas, none detected. Completed all required equipment operational and safety checks, all checks passed.

SICP: 0 kPa
SITP: 0 kPa

Tarped in and pre heated the BOPs in preparation for stump testing and installation onto the wellbore.

Continued on page 2...

COST SUMMARY

Description	Code	Amount
Location		
Service Rig		10660
Coiled Tubing		
Cementing		6500
Stimulation		
Snubbing		
Fishing		
Boiler / Steamer		
Safety		1405
Production Testing		5661
Wellhead Equipment		
Service Trucks		1230
Fluids & Materials		
Wireline / Slickline		6536
Equipment Rental		9045
Downhole Equipment		
Artificial Lift		
Supervision & Engineering		4922
Misc Services		9375
Safety Tracking	Today	Cumulative
Workers Oriented		120
Contractor Hours Worked	128	1338
Supervisor Hours Worked	15	128
Kilometers Driven	2200	29900

OPERATION PLANNED FOR: 2-Feb-22

Wait on 60.3 mm tubing to arrive to location. Assembly mud motor bottom hole assembly. Pick up and run into the wellbore with the mud motor on 60.3 mm tubing. Conduct milling/cleanout operations as required.

CONTRACTOR: <u>PWS</u>	RIG NO: <u>830</u>	WEATHER: <u>Clear</u>	TEMP °C HI / LO: <u>- 30 / - 36</u>
FORMATION: <u>Nahanni</u>		DAILY COST:	\$ <u>55,334</u>
FLUID TYPE: <u>Fresh H₂O</u>	<u>CaCl₂ H₂O</u>	PREVIOUS COST:	\$ <u>870,940</u>
FLUID PUMPED TODAY (m³): <u>0</u>	<u>0</u>	TOTAL COST TO DATE:	\$ <u>926,274</u>
CUMMULATIVE FLUID PUMPED (m³): <u>9</u>	<u>10.8</u>	AFE ESTIMATE:	\$ <u>622,201</u>
NON REC. ANNULAR FLUID (m³): _____		WELLSITE SUPERVISOR	REPORT TAKEN BY
FLUID RECOVERED TODAY (m³): <u>0</u>	<u>0</u>	<u>Dave Butts</u>	<u>Clive Mountford</u>
FLUID LEFT TO RECOVER (m³): <u>9</u>	<u>10.8</u>	<u>403-352-4212</u>	<u>cmountford@vertex.ca</u>

**VERTEX PROFESSIONAL SERVICES
DAILY RECORD - CONTINUED**

WELL Mount Coty 2K-02 UWI 302/2K02-6020-12330/1 DATE 1-Feb-22 DAY NO. 10

ADDITIONAL REMARKS:

08:20 - Warmed the rig hydraulics. Conducted Level II inspection on the mast prior to raising it, inspection was good. Rigged up the rig and support equipment. Centered the rig over the wellbore and secured it in position.

Conducted a 10 minute bubble test on the surface casing vent as per OROGO regulations. Bubble test passed as there were no bubbles observed throughout the duration of the 10 minute test. (In-active)

09:00 - Stump tested the 69 MPa 60.3 mm pipe rams, blind rams, kill spool valve, kill line and the tubing safety valve to a low of 1.4 MPa and a high of 28 MPa holding each test for 10 minutes, pressure tests passed with no leak off observed. Stump tested the annular bag to a low of 1.4 MPa and a high of 7 MPa holding each test for 10 minutes, pressure tests passed with no leak off observed. Function tested the BOP stack observing a starting accumulator pressure of 21,000 kPa. After 3 functions the accumulator pressure was 10,500 kPa with a re-charge time was 200 seconds.

10:00 - Removed the 69 MPa flowing style wellhead top section, bolts were very corroded requiring more time for removal. Picked up, installed and secured the Class III BOP stack. Rigged in the working floor, escape stairs, tubing tongs and air slips. Tarpd in the BOPs and began heating as required.

Pressure tested the ring gasket to a low of 1 MPa and a high of 28 MPa holding each test for 10 minutes, pressure tests passed with no leak off observed.

12:00 - Spotted and rigged in the pipe handling machine complete with pipe racks and auxillary pipe racks for when running or pulling tubing.

13:30 - Waiting on 60.3 mm, P-110 tubing to be loaded and hauled from Sabre Oilfield in Grande Prairie. Complete general maintenance and house keeping. Complete lease inspection to check for any leaks in equipment and to ensure that all the drip trays were position properly for containment of any potential leaks.

15:00 - After heating the BOPs for conducted a check to ensure that all bolts and flanges were tight and torqued to specification.

16:20 - Closed and locked the pipe rams. Ensured the wellbore was capped and secured. Drained and winterized pump and lines. Capped and secured the 400 bbl tanks, rig tank, pump and pump lines. Cleaned and put away tools. Fueled up equipment. Ensured equipment was locked out and secured. Picked up all garbage and fittings.

17:00 - Shut down for the night. Continued to heat the tanks and BOPs via the boiler. Boiler hand on location running and monitoring the boiler while heating kill fluid tanks and the Class III BOP stack. Precision Well Serving working alone procedure is being unilized.

Flare Notification:

Flare volume for day: 0 E³m³

**VERTEX PROFESSIONAL SERVICES
DAILY RECORD - CONTINUED**

WELL Mount Coty 2K-02 UWI 302/2K02-6020-12330/1 DATE 2-Feb-22 DAY NO. 11

ADDITIONAL REMARKS:

08:30 - Top filled the wellbore with 1130 kg/m³ KCl water requiring 2 m³.

08:50 - Attempted to start and function test the Aero Rentals pick up lay down machine but could not get the motor to run after initially firing. Completed trouble shooting over the phone with Aero personnel checking fuses, emergency stop switches and wiring that could be checked without rectifying the issue. Aero dispatching a mechanic from Fort Nelson to repair the issue.

10:25 - Trucks arrived on location with the 60.3 mm, P-110 rental work string. Held a safety meeting with all persons on location.

10:50 - Spotted the trucks into position. Unloaded the 60.3 mm tubing, Thru Tubing mill out support equipment and the Weatherford Rentals drilling support equipment. Counted the 60.3 mm, P-110 tubing with a multiple verified count of 506 joints. Removed the box end protectors and loosened off the pin end protectors in preparation for tubing tally. Extreme cold temperatures made protectors difficult to remove.

13:40 - Tallied, made up and ran into the wellbore with the Thru Tubing Solutions mud motor bottom hole assembly. Tallied, drifted, picked up and ran into the wellbore with the 60.3 mm, 6.99 kg/m, P-110, EUE tubing string. Tubing string was configured and ran as follows:

**1 - 94 mm Convex Twister 5 blade mill (PAC Pin)
1 - 73.0 mm mud motor assembly (60.3 mm, PAC box top and bottom)
1 - 73.0 mm diverting circulation sub (60.3 mm, PAC)
1 - 73.0 mm hydraulic disconnect (60.3 mm, PAC)
1 - 73.0 mm hydraulic jar assembly (60.3 mm, PAC)
1 - 73.0 mm dual float assembly (60.3 mm, PAC)
1 - 60.3 mm, PAC x 60.3 mm, EUE crossover
1 - 6' 60.3 mm, 6.99 kg/m, L-80, EUE pup joint
1 - 60.3 mm "XN" profile nipple (47.625 mm / 1.875")
1 - 4' 60.3 mm, 6.99 kg/m, L-80, EUE pup joint
87 - 60.3 mm, 6.99 kg/m, P-110, EUE tubing joints**

NOTE: Surface tested the mud motor with 14 joints in the wellbore. Surface tests passed with no concerns expressed. The following were the surface testing results:

**0.300 m³/min at 2.5 MPa
0.400 m³/min at 5.5 MPa
0.500 m³/min at 8.5 MPa**

18:25 - With 84 joints in the wellbore rigged in circulation equipment to the wellbore. Filled tubing requiring 1.5 m³ of 1130 kg/m³ KCl water to flush and test the mud motor assembly. After tubing flush and motor test was completed pick up and ran in an additional 3 joints of tubing to drop the fluid level in the tubing below frost line to prevent freezing.

Continued on page 3...

**VERTEX PROFESSIONAL SERVICES
DAILY RECORD - CONTINUED**

WELL Mount Coty 2K-02 UWI 302/2K02-6020-12330/1 DATE 2-Feb-22 DAY NO. 11

ADDITIONAL REMARKS:

Tubing bottom is landed at 847.53 mKB for the night.

Displaced 1 m³ of 1130 kg/m³ KCl water back to the rig tank while running into the wellbore.

18:50 - Closed and locked the pipe rams. Ensured the wellbore was capped and secured. Drained and winterized pump and lines. Capped and secured the 400 bbl tanks, rig tank, pump and pump lines. Cleaned and put away tools. Fueled up equipment. Ensured equipment was locked out and secured. Picked up all garbage and fittings.

20:00 - Shut down for the night.

Continued to heat the tanks and BOPs via the boiler. Boiler hand on location running and monitoring the boiler while heating kill fluid tanks and the Class III BOP stack. Precision Well Serving working alone procedure is being utilized.

23:59 - End of the days operations.

Flare Notification:

Flare volume for day: 0 E³m³



VERTEX PROFESSIONAL SERVICES DAILY RECORD

Abandonment

WELL: Mount Coty 2K-02 DATE OF OPERATIONS: 3-Feb-22

UWI: 302/2K02-6020-12330/1 AFE / JOB NO.: 2287001

OBJECTIVE: Abandon well as per OROGO regulations. DAY NO.: 12

FORMATION: Nahanni PERFORATIONS: 4580 - 4726 mKB (152 mm Open Hole - Suspended)

FORMATION: PERFORATIONS:

FORMATION: PERFORATIONS:

FORMATION: PERFORATIONS:

DESCRIPTION OF OPERATIONS CONDUCTED

00:00 - Boiler hand on location running and monitoring the boiler while heating kill fluid tanks and the Class III BOP stack. Precision Well Serving working alone procedure is being utilized.

07:30 - Held a pre-job safety and operations meeting with all personnel on location. Completed pre work COVID screening on all personnel, all personnel passed and were cleared for duty. Completed all required Prairie Provident Resources Canada Inc. Issued and reviewed the Vertex Professional Services safe work permits and hazard assessments. Discussed the job scope for the day, the hazards associated with each task and the controls to mitigate those hazards. Reviewed the site specific ERP, muster areas and the fire and explosion prevention plan.

08:00 - Swept the lease for the presence of gas, none detected. Completed all required equipment operational and safety checks, all checks passed. Function tested the BOPs and the tubing safety valve, function tests passed.

SICP: 380 kPa

SITP: Vacuum

Pre-heated the pump and pump lines prior to pumping operations.

Continued on page 2...

COST SUMMARY

Description	Code	Amount
Location		
Service Rig		12819
Coiled Tubing		
Cementing		
Stimulation		
Snubbing		
Fishing		
Boiler / Steamer		
Safety		1405
Production Testing		3243
Wellhead Equipment		
Service Trucks		
Fluids & Materials		
Wireline / Slickline		
Equipment Rental		670
Downhole Equipment		
Artificial Lift		
Supervision & Engineering		1980
Misc Services		1800
Safety Tracking	Today	Cumulative
Workers Oriented		120
Contractor Hours Worked	140	1618
Supervisor Hours Worked	15	158
Kilometers Driven	350	32750

OPERATION PLANNED FOR: 4-Feb-22

Continue to pick up and run into the wellbore to PBTD with the mud motor on 60.3 mm tubing. Conduct milling/cleanout operations as required. Pull out of the wellbore with the 60.3 mm tubing.

CONTRACTOR: <u>PWS</u>	RIG NO: <u>830</u>	WEATHER: <u>Extreme Cold</u>	TEMP °C HI / LO: <u>- 36 / - 45</u>
FORMATION: <u>Nahanni</u>		DAILY COST:	\$ <u>21,917</u>
FLUID TYPE: <u>Fresh H₂O</u>	<u>CaCl₂ H₂O</u>	PREVIOUS COST:	\$ <u>978,985</u>
FLUID PUMPED TODAY (m³): <u>0</u>	<u>0</u>	TOTAL COST TO DATE:	\$ <u>1,000,902</u>
CUMMULATIVE FLUID PUMPED (m³): <u>9</u>	<u>12.8</u>	AFE ESTIMATE:	\$ <u>622,201</u>
NON REC. ANNULAR FLUID (m³): <u></u>	<u></u>	WELLSITE SUPERVISOR	REPORT TAKEN BY
FLUID RECOVERED TODAY (m³): <u>0</u>	<u>2.1</u>	<u>David Butts</u>	<u>Clive Mountford</u>
FLUID LEFT TO RECOVER (m³): <u>9</u>	<u>9.7</u>	<u>403 352 4212</u>	<u>cmountford@vertex.ca</u>

**VERTEX PROFESSIONAL SERVICES
DAILY RECORD - CONTINUED**

WELL Mount Coty 2K-02 UWI 302/2K02-6020-12330/1 DATE 3-Feb-22 DAY NO. 12

ADDITIONAL REMARKS:

8:15 - Bled off the 380 kPa on the 114.3 mm tubing to the pressure vessel. Pressure bled off right away seeing no gas at surface.

08:30 - Continued to run into the wellbore with the Thru Tubing Solutions mud motor assembly on the 60.3 mm, 6.99 kg/m, P-110, EUE work string. Tubing string was configured and ran as follows:

**1 - 94 mm Convex Twister 5 blade mill (PAC Pin)
1 - 73.0 mm mud motor assembly (60.3 mm, PAC box top and bottom)
1 - 73.0 mm diverting circulation sub (60.3 mm, PAC)
1 - 73.0 mm hydraulic disconnect (60.3 mm, PAC)
1 - 73.0 mm hydraulic jar assembly (60.3 mm, PAC)
1 - 73.0 mm dual float assembly (60.3 mm, PAC)
1 - 60.3 mm, PAC x 60.3 mm, EUE crossover
1 - 6' 60.3 mm, 6.99 kg/m, L-80, EUE pup joint
1 - 60.3 mm "XN" profile nipple (47.625 mm / 1.875")
1 - 4' 60.3 mm, 6.99 kg/m, L-80, EUE pup joint
349 - 60.3 mm, 6.99 kg/m, P-110, EUE tubing joints**

11:40 - With 173 joints in the wellbore rigged in circulation equipment to the wellbore. Filled tubing requiring 1 m³ of 1130 kg/m³ KCl water to flush and test the mud motor assembly flushing a total of 1 m³ through the motor. Observed a rate of 0.500 m³/min at 8.5 MPa. Rigged out circulation equipment and blew down the pump line to prevent freezing.

12:10 - Continued to run into the wellbore with the mud motor bottom hole assembly on the 60.3 mm, P-110 tubing string.

15:10 - With 261 joints in the wellbore rigged in circulation equipment to the wellbore. Filled tubing requiring 3.39 m³ of 1130 kg/m³ KCl water to flush and test the mud motor assembly flushing a total of 1 m³ through the motor. Observed a rate of 0.500 m³/min at 8.5 MPa. Rigged out circulation equipment and blew down the pump line to prevent freezing.

15:30 - Continued to run into the wellbore with the mud motor bottom hole assembly on the 60.3 mm, P-110 tubing string.

18:15 - With 346 joints in the wellbore rigged in circulation equipment to the wellbore. Filled tubing requiring 1.71 m³ of 1130 kg/m³ KCl water to flush and test the mud motor assembly. After tubing flush and motor test was completed pick up and ran in an additional 3 joints of tubing to drop the fluid level in the tubing below frost line to prevent freezing.

Tubing bottom is landed at 3375.25 mKB for the night.

Displaced 2.1 m³ of 1130 kg/m³ KCl water back to the rig tank while running into the wellbore.

Continued on page 3...

**VERTEX PROFESSIONAL SERVICES
DAILY RECORD - CONTINUED**

WELL Mount Coty 2K-02 UWI 302/2K02-6020-12330/1 DATE 3-Feb-22 DAY NO. 12

ADDITIONAL REMARKS:

18:50 - Closed and locked the pipe rams. Ensured the wellbore was capped and secured. Drained and winterized pump and lines. Capped and secured the 400 bbl tanks, rig tank, pump and pump lines. Cleaned and put away tools. Fueled up equipment. Ensured equipment was locked out and secured. Picked up all garbage and fittings.

19:30 - Shut down for the night.

Continued to heat the tanks and BOPs via the boiler. Boiler hand on location running and monitoring the boiler while heating kill fluid tanks and the Class III BOP stack. Precision Well Serving working alone procedure is being utilized.

23:59 - End of the days operations.

Flare Notification:

Flare volume for day: 0 E³m³

V3.02

**VERTEX PROFESSIONAL SERVICES
DAILY RECORD - CONTINUED**

WELL Mount Coty 2K-02 UWI 302/2K02-6020-12330/1 DATE 4-Feb-22 DAY NO. 13

ADDITIONAL REMARKS:

Cleaned the snow off of equipment on and in the work areas to eliminate a slip, trip, and fall hazard.

08:35 - Continued to run into the wellbore with the Thru Tubing Solutions mud motor assembly on the 60.3 mm, 6.99 kg/m, P-110, EUE work string. Tubing string was configured and ran as follows:

**1 - 94 mm Convex Twister 5 blade mill (PAC Pin)
1 - 73.0 mm mud motor assembly (60.3 mm, PAC box top and bottom)
1 - 73.0 mm diverting circulation sub (60.3 mm, PAC)
1 - 73.0 mm hydraulic disconnect (60.3 mm, PAC)
1 - 73.0 mm hydraulic jar assembly (60.3 mm, PAC)
1 - 73.0 mm dual float assembly (60.3 mm, PAC)
1 - 60.3 mm, PAC x 60.3 mm, EUE crossover
1 - 6' 60.3 mm, 6.99 kg/m, L-80, EUE pup joint
1 - 60.3 mm "XN" profile nipple (47.625 mm / 1.875")
1 - 4' 60.3 mm, 6.99 kg/m, L-80, EUE pup joint
419 - 60.3 mm, 6.99 kg/m, P-110, EUE tubing joints**

When running through the obstruction at 3721 mKB observed at 750 - 1000 daN weight loss on the weigh indicator with the tubing calling through immediately without issue. Stoked the tag joint and 2 joints on either side of the tag joint without seeing any weight loss of overpull at any point. Continued to run into the wellbore.

10:25 - With 390 joints in the wellbore rigged in circulation equipment to the wellbore. Filled tubing requiring 0.8 m³ of 1130 kg/m³ KCl water to flush and test the mud motor assembly flushing a total of 1 m³ through the motor. Observed a rate of 0.500 m³/min at 19 MPa. Rigged out circulation equipment and blew down the pump line to prevent freezing.

11:00 - Continued to run into the wellbore with the mud motor bottom hole assembly on the 60.3 mm, P-110 tubing string. Tagged an obstruction at 3797.22 mKB placing 3000 daN of string weight onto it without seeing any weight bleed off on the weight indicator. Attempted to rotate with the tubing tongs but could not get the tubing to fall nor see any bleed off on the weight indicator.

11:15 - Pulled and laid down the tag joint. Stripped off the BOP wear plate, assembled the crossover flange, and stripped on and secured the JU packoff head. Rigged up the anti torque head, hung and rigged in the 14.28 mm static line and made up the drilling joint.

12:30 - Broke circulation pumping 1130 kg/m³ KCl water, forward circulating pumping down the tubing returning up the casing pumping at 0.500 m³/min at 18.7 MPa. Wellbore was full requiring 0 m³ to fill.

Tagged at 3797.22 mKB observing a 500 daN weight loss seeing the weight come back in 5-10 seconds and continued in with the remainder of the joint seeing no weight loss. Milled down to 3800 mKB. Worked the joint after milling down to ensure there were no stringers or tight spots left behind and circulated clean pumping at 0.500 m³/min at 18.8 MPa pumping a total of 6 m³.

Continued on page 3...

**VERTEX PROFESSIONAL SERVICES
DAILY RECORD - CONTINUED**

WELL Mount Coty 2K-02 UWI 302/2K02-6020-12330/1 DATE 4-Feb-22 DAY NO. 13

ADDITIONAL REMARKS:

12:55 - Removed the anti torque head from the tubing and hung it over the rig floor. Picked up and ran into the wellbore with 1 joint of tubing running to a mill depth of 3805.96 mKB and hung up. Rigged in circulation equipment and milled down through the tag spot without seeing anything on the weight indicator. Worked the joint after milling down to ensure there were no stringers or tight spots left behind and circulated clean pumping at 0.500 m³/min at 18.9 MPa pumping a total of 6 m³.

Ran in with the next 2 joints running from 3809.59 - 3828.77 mKB while pumping and circulating as the tubing was continuing to hang up. Ran in with the next 2 joints without the need for pumping without observing any weight loss on the weight indicator.

13:50 - Rig crew warmed up while completed a bottoms up cleaning up the wellbore. Pumped a 25 m³ clean up pumping at 0.500 m³/min at 19.1 MPa observing scale in the returns at the rig tank. Returns were clean for the final 3.5 m³ that were pumped.

14:45 - Ran into the wellbore with 2 joints, running from 3847.95 - 3867.23 mKB on the anti torque head without pumping to ensure the tubing was moving freely in the wellbore prior to rigging out milling equipment. Ran into the wellbore with the next joint tagging at 3872.98 mKB. Rigged in circulation equipment and prepared to mill through obstruction. Broke circulation pumping 1130 kg/m³ KCl water, forward circulating pumping down the tubing returning up the casing pumping at 0.500 m³/min at 18.7 MPa. Wellbore was full requiring 0 m³ to fill. Milled down to 3877.25 mKB. Worked the joint after milling down to ensure there were no stringers or tight spots left behind and circulated clean pumping at 0.500 m³/min at 19.3 MPa pumping a total of 6 m³.

16:00 - Continued to make connections milling down through the scale obstructions and the scale on the walls of the 114.3 mm tubing string. Milled down to a bit depth of 3916.47 mKB at which point the tubing began to run freely into the wellbore without pumping. Worked the final joint after milling down to ensure there were no stringers or tight spots left behind and circulated clean pumping at 0.500 m³/min at 19.6 MPa pumping a total of 26 m³.

17:20 - Ran from a depth of 3916.47 mKB down to 4052.2 mKB without pumping or rotating with the mud motor without an weight loss of overpull observed on the weight indicator at any point throughout this interval.

Tubing bottom is landed at 4052.2 mKB for the night.

Displaced 0.57 m³ of 1130 kg/m³ KCl water back to the rig tank while running into the wellbore.

18:50 - Closed and locked the pipe rams. Ensured the wellbore was capped and secured. Drained and winterized pump and lines. Capped and secured the 400 bbl tanks, rig tank, pump and pump lines. Cleaned and put away tools. Fueled up equipment. Ensured equipment was locked out and secured. Picked up all garbage and fittings.

19:30 - Shut down for the night.

Continued on page 4...

**VERTEX PROFESSIONAL SERVICES
DAILY RECORD - CONTINUED**

WELL Mount Coty 2K-02 UWI 302/2K02-6020-12330/1 DATE 4-Feb-22 DAY NO. 13

ADDITIONAL REMARKS:

Continued to heat the tanks and BOPs via the boiler. Boiler hand on location running and monitoring the boiler while heating kill fluid tanks and the Class III BOP stack. Precision Well Serving working alone procedure is being utilized.

23:59 - End of the days operations.

Flare Notification:

Flare volume for day: 0 E³m³

**VERTEX PROFESSIONAL SERVICES
DAILY RECORD - CONTINUED**

WELL Mount Coty 2K-02 UWI 302/2K02-6020-12330/1 DATE 4-Feb-22 DAY NO. 13

ADDITIONAL REMARKS:

Continued to heat the tanks and BOPs via the boiler. Boiler hand on location running and monitoring the boiler while heating kill fluid tanks and the Class III BOP stack. Precision Well Serving working alone procedure is being utilized.

23:59 - End of the days operations.

Flare Notification:

Flare volume for day: 0 E³m³

**VERTEX PROFESSIONAL SERVICES
DAILY RECORD - CONTINUED**

WELL Mount Coty 2K-02 UWI 302/2K02-6020-12330/1 DATE 5-Feb-22 DAY NO. 14

ADDITIONAL REMARKS:

Cleaned the snow off of equipment on and in the work areas to eliminate a slip, trip, and fall hazard.

08:25 - Continued to run into the wellbore with the Thru Tubing Solutions mud motor assembly on the 60.3 mm, 6.99 kg/m, P-110, EUE work string. Tubing string was configured and ran as follows:

**1 - 94 mm Convex Twister 5 blade mill (PAC Pin)
1 - 73.0 mm mud motor assembly (60.3 mm, PAC box top and bottom)
1 - 73.0 mm diverting circulation sub (60.3 mm, PAC)
1 - 73.0 mm hydraulic disconnect (60.3 mm, PAC)
1 - 73.0 mm hydraulic jar assembly (60.3 mm, PAC)
1 - 73.0 mm dual float assembly (60.3 mm, PAC)
1 - 60.3 mm, PAC x 60.3 mm, EUE crossover
1 - 6' 60.3 mm, 6.99 kg/m, L-80, EUE pup joint
1 - 60.3 mm "XN" profile nipple (47.625 mm / 1.875")
1 - 4' 60.3 mm, 6.99 kg/m, L-80, EUE pup joint
471 - 60.3 mm, 6.99 kg/m, P-110, EUE tubing joints**

09:00 - Continued to run into the wellbore with the mud motor bottom hole assembly on the 60.3 mm, P-110 tubing string. Tagged an obstruction at 4149.12 mKB placing 3500 daN of string weight onto it without seeing any weight bleed off on the weight indicator. Attempted to rotate with the tubing tongs but could not get the tubing to fall nor see any bleed off on the weight indicator. Pulled and laid down the tag joint.

Rigged in the anti-torque head and the 14.28 mm static line. Broke circulation pumping 1130 kg/m³ KCl water, forward circulating pumping down the tubing returning up the casing pumping at 0.400 m³/min at 22.2 MPa. Wellbore was full requiring 0 m³ to fill. Continued to run into the wellbore milling/cleaning out the scale obstructions within the 114.3 mm tubing string. Continued to run in making connections milling down via the mud motor assembly. Observed a tag of the Otis "X" profile nipple at 4542.59 mKB when conducting mill out operations. Milled through scale debris from today's initial at 4149.12 mKB to the final bit depth at 4546.99 mKB.

14:10 - Tagged the 114.3 mm x 88.9 mm crossover at 4546.99 mKB placing us at the deepest possible depth reachable with the 94 mm convex mill assembly. Picked up a meter off bottom placing the mill at a depth of 4545.99 mKB and began clean up operations. Circulated the wellbore clean pumping 1130 kg/m³ KCl water, forward circulating pumping down the tubing returning up the casing pumping at 0.400 m³/min at 22.2 MPa while monitoring the returns at the rig tank. Pumped a total clean up of 38 m³ observing scale in the returns at the rig tank with clean returns at the rig tank observed for the final 4 m³ that were pumped.

15:50 - Pulled and laid down the tag joint. Rigged out the circulation equipment. Rigged out and racked the power swivel, dual 14.28 mm static lines and all support equipment. Stripped off the JU packoff head and the 179.4 mm, 69 MPa x 179.4 mm, 35 MPa adaptor flange, and stripped on the BOP wear plate.

Blew out the pump line that was no longer needed to prevent freezing.

Continued on page 3...

**VERTEX PROFESSIONAL SERVICES
DAILY RECORD - CONTINUED**

WELL Mount Coty 2K-02 UWI 302/2K02-6020-12330/1 DATE 5-Feb-22 DAY NO. 14

ADDITIONAL REMARKS:

16:40 - Began pulling out of the wellbore with the Thru Tubing Solutions Convex Twister mill and mud motor bottom hole assembly on the 60.3 mm, 6.99 kg/m, P-110, EUE work string standing the tubing in the tubing board. Tubing string was pulled as follows:

120 - 60.3 mm, 6.99 kg/m, P-110, EUE tubing joints

Tubing bottom landed at 3385.25 mKB for the night.

NOTE: While pulling out of the wellbore completed trip margins pumping 1130 kg/m³ KCl water keeping the wellbore full to ensure a full column of hydrostatic pressure on the wellbore. Calculated hydrostatic pressure on bottom is 50.44 MPa.

Pumped a total of 1 m³ into the wellbore while conducting trip margin when pulling out with the tubing.

18:30 - Closed and locked the pipe rams. Ensured the wellbore was capped and secured. Drained and winterized pump and lines. Capped and secured the 400 bbl tanks, rig tank, pump and pump lines. Cleaned and put away tools. Fueled up equipment. Ensured equipment was locked out and secured. Picked up all garbage and fittings.

19:30 - Shut down for the night.

Continued to heat the tanks and BOPs via the boiler. Boiler hand on location running and monitoring the boiler while heating kill fluid tanks and the Class III BOP stack. Precision Well Serving working alone procedure is being utilized.

23:59 - End of the days operations.

Flare Notification:

Flare volume for day: 0 E³m³

V3.02

**VERTEX PROFESSIONAL SERVICES
DAILY RECORD - CONTINUED**

WELL Mount Coty 2K-02 UWI 302/2K02-6020-12330/1 DATE 6-Feb-22 DAY NO. 15

ADDITIONAL REMARKS:

08:05 - Top filled the wellbore with 1130 kg/m³ KCl water requiring 0.15 m³.

08:10 - Continued pulling out of the wellbore with the Thru Tubing Solutions Convex Twister mill and mud motor bottom hole assembly on the 60.3 mm, 6.99 kg/m, P-110, EUE work string standing the tubing in the tubing board. Tubing string was pulled as follows:

**120 - 60.3 mm, 6.99 kg/m, P-110, EUE tubing joints
1 - 4' 60.3 mm, 6.99 kg/m, L-80, EUE pup joint
1 - 60.3 mm "XN" profile nipple (47.625 mm / 1.875")
1 - 6' 60.3 mm, 6.99 kg/m, L-80, EUE pup joint
1 - 60.3 mm, PAC x 60.3 mm, EUE crossover
1 - 73.0 mm dual float assembly (60.3 mm, PAC)
1 - 73.0 mm hydraulic jar assembly (60.3 mm, PAC)
1 - 73.0 mm hydraulic disconnect (60.3 mm, PAC)
1 - 73.0 mm diverting circulation sub (60.3 mm, PAC)
1 - 73.0 mm mud motor assembly (60.3 mm, PAC box top and bottom)
1 - 94 mm Convex Twister 5 blade mill (PAC Pin)**

Pulled and laid down the mud motor bottom hole assembly. Visual inspection of the Convex Twister mill on surface showed little to no wear on both the bottom nor the diameter. Observed that the mud motor was siezed and would not turn. Broke down the bottom hole assembly.

NOTE: While pulling out of the wellbore completed trip margins pumping 1130 kg/m³ KCl water keeping the wellbore full to ensure a full column of hydrostatic pressure on the wellbore. Calculated hydrostatic pressure on bottom is 50.44 MPa.

Pumped a total of 2.8 m³ of 1130 kg/m³ KCl water into the wellbore while conducting trip margin when pulling out with the tubing.

12:30 - Waited on wireline to arrive on location.

14:10 - Held a safety meeting upon arrival of Reliance Oilfield Services wireline unit. Spotted and rigged in wireline unit and support equipment complete with function tested BOPs, full lubricator and nitrogen purge kit.

15:00 - Made up and ran into the wellbore with a 92.5 mm gauge ring assembly. Ran down tagging the 114.3 mm x 88.9 mm crossover at 4545 mKB. Picked up and logged a strip to verify position. Ran back down and logged a second strip to verify depth observing the Otis "X" profile nipple and the 10 ' pup joint indicating that the depths were correct.

16:45 - Pulled out of the wellbore recovering the gauge ring assembly on surface. Upon visual inspection on surface there were no unusual markings or debris on the gauge ring assembly.

Continued on page 3...

**VERTEX PROFESSIONAL SERVICES
DAILY RECORD - CONTINUED**

WELL Mount Coty 2K-02 UWI 302/2K02-6020-12330/1 DATE 6-Feb-22 DAY NO. 15

ADDITIONAL REMARKS:

17:45 - Closed and locked the blind rams. Ensured the wellbore was capped and secured. Drained and winterized pump and lines. Capped and secured the 400 bbl tanks, rig tank, pump and pump lines. Cleaned and put away tools. Fueled up equipment. Ensured equipment was locked out and secured. Picked up all garbage and fittings.

Unloaded the 114.3 mm tubing spear assembly. Broke off the pickup nubbin and installed and secured the 60.3 mm, IF x 73.0 mm, EUE crossover. Stripped the wireline through the spear assembly and tied a new cable head as the cable head outside diameter is bigger than the inside diameter of the spear assembly. Completed operational checks on after the cable head was tied with all checks passing with no concerns expressed.

19:00 - Shut down for the night.

Continued to heat the tanks and BOPs via the boiler. Boiler hand on location running and monitoring the boiler while heating kill fluid tanks and the Class III BOP stack. Precision Well Serving working alone procedure is being utilized.

23:59 - End of the days operations.

Flare Notification:

Flare volume for day: 0 E³m³

V3.02

**VERTEX PROFESSIONAL SERVICES
DAILY RECORD - CONTINUED**

WELL Mount Coty 2K-02 UWI 302/2K02-6020-12330/1 DATE 7-Feb-22 DAY NO. 16

ADDITIONAL REMARKS:

08:10 - Rigged the casing jacks onto the wellbore. Centered and secured the jack plate onto the BOP stack. Picked up the 114.3 mm spear assembly and hung it in preparation for cutting operations.

08:50 - Completed electronics checks to ensure that all transmitting devices were powered off and powered down the rig power. Made up, armed, picked up and ran into the wellbore with the 87.29 mm Core Lab jet cutter assembly. Ran the cutter in to 50 meters and speared into the 114.3 mm, L-80 tubing with the tubing spear assembly. Ran the cutter down to a depth of 3000 mKB and began working the tubing string pulling up to 115,000 daN observing the tubing stretch 0.4 meters. Ran down tagging the 114.3 mm x 88.9 mm crossover at 4545 mKB. Pulled multiple strips to log and correlate the cutter on depth ensuring to make the cut as low as possible. Positioned the cutter on depth to cut the 114.3 mm, L-80 tubing at 4544.85 mKB.

11:00 - Jet cutter was fired. Did not observe any indication of fire nor any change in weight at surface upon the cutter being fired. Logged a strip and began pulling out of the wellbore with the jet cutter assembly. While pulling out of the wellbore continually worked the 114.3 mm tubing pulling from 50,000 daN up to 115,000 daN which is max pull on the spear assembly. Did not observed any movement on the tubing string, besides tubing stretch, at any point while working the tubing string. Waited at 100 meters with the jet cutter assembly to allow the explosive to stabilize after being in the hot bottom hole temperatures as a precaution incase the cutter had not fired.

12:45 - Pulled and laid down the Jet cutter assembly and the tubing spear assembly. Upon visual inspection it was observed that the bottom of the cutter had sheared off and the shock sub had some deformation indicating cutter fired correctly.

13:15 - Closed and locked the blind rams. Ensured the wellbore was capped and secured. Drained and winterized pump and lines. Capped and secured the 400 bbl tanks, rig tank, pump and pump lines. Cleaned and put away tools. Fueled up equipment. Ensured equipment was locked out and secured. Picked up all garbage and fittings.

14:00 - Shut down for the night.

Continued to heat the tanks and BOPs via the boiler. Boiler hand on location running and monitoring the boiler while heating kill fluid tanks and the Class III BOP stack. Precision Well Serving working alone procedure is being utilized.

23:59 - End of the days operations.

Flare Notification:

Flare volume for day: 0 E³m³

**VERTEX PROFESSIONAL SERVICES
DAILY RECORD - CONTINUED**

WELL Mount Coty 2K-02 UWI 302/2K02-6020-12330/1 DATE 8-Feb-22 DAY NO. 17

ADDITIONAL REMARKS:

08:20 - Spot and rig in Command pipe recovery specialist. Held a safety meeting with all persons on location.

09:15 - Picked up the spear assembly and the wireline tool string. Ran the wireline tools into the 114.3 mm casing string and speared into the casing. Pulled up from 95,000 daN to 115,000 daN and conducted a stretch calculation which yielded a calculated free point of ~ 1150 mKB.

Ran into the wellbore with the free point tool and tested the tool at 200 mKB pulling to 115,000 daN observing the tool function properly with no issues seeing fully free pipe. Ran down to 600 mKB and complete a free point observing fully free pipe at this depth.

Ran down to 1604 mKB and completed a free point observing no movement in the pipe at this depth. Pulled up to 1305 mKB and completed a free point observing 60% movement in the pipe at this depth. Pulled up to 1200 mKB and completed a free point observing 60% movement in the pipe at this depth. Pulled up to 1102 mKB and completed a free point observing 80% movement in the pipe at this depth. Pulled up to 1006 mKB and completed a free point observing fully free pipe at this depth. Ran in to 1045 mKB and completed a free point observing 80% movement in the pipe at this depth. Pulled up to 1026 mKB and completed a free point observing 85% movement in the pipe at this depth. Pulled up to 1015 mKB and completed a free point observing 91% movement in the pipe at this depth.

Pulled up to 1006 mKB and completed a free point observing fully free pipe at this depth.

12:00 - Pulled out of the wellbore recovering the free point tool on surface. Waited on decision to be made by Calgary representatives in regards to cutting depth(s).

13:25 - Prepared the 114.3 mm chemical cutter assembly. Held an explosives pre-arming safety meeting with all persons on location. Completed checks to ensure all electronic transmitting devices were powered off and checked for stray voltage, all checks were good.

Prior to arming the chemical cutter there was a conference call discussion between Vertex field and office representatives and an office representative of Can-Fish Services to discuss cutting and possible pros and cons of cutting the 114.3 mm tubing so high in the wellbore.

15:00 - After having a discussion decision was made to hold off on cutting the tubing until a more extensive procedures used to try and get the 114.3 mm tubing moving in the wellbore.

Broke down the chemical cutter assembly. Rigged out the wireline unit and support equipment. Rigged out the casing jacks.

16:00 - Changed over from 114.3 mm to 60.3 mm handling and well control equipment. Pressure tested the 60.3 mm pipe rams to a low of 1.4 MPa and a high of 21 MPa holding each test for 10 minutes, pressure tests passed with no leak off observed.

Continued on page 3...

**VERTEX PROFESSIONAL SERVICES
DAILY RECORD - CONTINUED**

WELL Mount Coty 2K-02 UWI 302/2K02-6020-12330/1 DATE 8-Feb-22 DAY NO. 17

ADDITIONAL REMARKS:

16:50 - Closed and locked the blind rams. Ensured the wellbore was capped and secured. Drained and winterized pump and lines. Capped and secured the 400 bbl tanks, rig tank, pump and pump lines. Cleaned and put away tools. Fueled up equipment. Ensured equipment was locked out and secured. Picked up all garbage and fittings.

17:30 - Shut down for the night.

Continued to heat the tanks and BOPs via the boiler. Boiler hand on location running and monitoring the boiler while heating kill fluid tanks and the Class III BOP stack. Precision Well Serving working alone procedure is being utilized.

23:59 - End of the days operations.

Flare Notification:

Flare volume for day: 0 E³m³

**VERTEX PROFESSIONAL SERVICES
DAILY RECORD - CONTINUED**

WELL Mount Coty 2K-02 UWI 302/2K02-6020-12330/1 DATE 9-Feb-22 DAY NO. 18

ADDITIONAL REMARKS:

08:25 - Ran into the wellbore with the Tryton Tools double grip packer assembly on the 60.3 mm, 6.99 kg/m, P-110, EUE work string. Tubing string was configured and ran as follows:

**4 - 60.3 mm, 6.99 kg/m, P-110, EUE tubing joints
1 - 114.3 mm slim hole Tryton Tools double grip packer assembly
1 - 10' 60.3 mm, 6.99 kg/m, L-80, EUE pup joint
4 - 60.3 mm, 6.99 kg/m, P-110, EUE tubing joints**

Set the packer with C.E. at 47.09 mKB. Pulled up 4000 daN, 5000 daN and 6000 daN over string weight ensuring the elements were packed off. Pressure tested the 114.3 mm tubing to 7 MPa for 10 minutes from 47.09 mKB to surface. Pressure test passed with no leak off observed. Bled off the pressure to the rig tank and sucked back on the wellbore.

09:15 - Unset the packer and continued to run into the wellbore with the Tryton Tools double grip packer assembly on the 60.3 mm, 6.99 kg/m, P-110, EUE work string. Tubing string was configured and ran as follows:

**4 - 60.3 mm, 6.99 kg/m, P-110, EUE tubing joints
1 - 114.3 mm slim hole Tryton Tools double grip packer assembly
1 - 10' 60.3 mm, 6.99 kg/m, L-80, EUE pup joint
22 - 60.3 mm, 6.99 kg/m, P-110, EUE tubing joints**

Set the packer with C.E. at 221.74 mKB. Pulled up 4000 daN, 6000 daN and 8000 daN over string weight ensuring the elements were packed off.

Rigged in circulaiton equipment. Pumped a 1 m³ water spacer down the tubing. Pumped 0.4 m³ of dye marker into the wellbore and chased it with 1130 kg/m³ KCl water pumping at 0.440 m³/min at 2 MPa watching at the rig tank for the dye marker while timing to allow for calculating the depth the water had reached. Observed what appeared to have been a faint dye marker and some discoloring of fluid in the returns after 27 minutes of pumping placing the hole the fuild was travelling through at ~ 734 mKB. Continued pumping for a total pumping time of 100 minutes. Did not observed any other indication of marker throughout the remainder of the pumping operations. Observed only minimal debris in the returns at the rig tank which appeared to be small pieces of scale. Rigged out circulation equipment.

12:05 - Unset the packer and continued to run into the wellbore with the Tryton Tools double grip packer assembly on the 60.3 mm, 6.99 kg/m, P-110, EUE work string. Tubing string was configured and ran as follows:

**4 - 60.3 mm, 6.99 kg/m, P-110, EUE tubing joints
1 - 114.3 mm slim hole Tryton Tools double grip packer assembly
1 - 10' 60.3 mm, 6.99 kg/m, L-80, EUE pup joint
94 - 60.3 mm, 6.99 kg/m, P-110, EUE tubing joints**

Set the packer with C.E. at 913.28 mKB. Pulled up 4000 daN, 6000 daN and 8000 daN over string weight ensuring the elements were packed off.

Continued on page 3...

**VERTEX PROFESSIONAL SERVICES
DAILY RECORD - CONTINUED**

WELL Mount Coty 2K-02 UWI 302/2K02-6020-12330/1 DATE 9-Feb-22 DAY NO. 18

ADDITIONAL REMARKS:

13:30 - Rigged in circulation equipment. Pumped a 1 m³ water spacer down the tubing. Pumped a marker into the wellbore and chased it with 1130 kg/m³ KCl water pumping at 0.440 m³/min at 4 MPa watching at the rig tank for the marker while timing to allow for calculating the depth the water had reached. Observed the marker and some discoloring of fluid in the returns after 74 minutes of pumping placing the hole the fluid was travelling through at ~ 2300 mKB. Continued pumping for a total pumping time of 95 minutes. Did not observe any other markers throughout the remainder of the pumping operations indicating all had travelled together returning to surface. Observed only minimal debris in the returns at the rig tank which appeared to be small pieces of scale. Rigged out circulation equipment.

15:30 - Unset the packer and continued to run into the wellbore with the Tryton Tools double grip packer assembly on the 60.3 mm, 6.99 kg/m, P-110, EUE work string. Tubing string was configured and ran as follows:

4 - 60.3 mm, 6.99 kg/m, P-110, EUE tubing joints
1 - 114.3 mm slim hole Tryton Tools double grip packer assembly
1 - 10' 60.3 mm, 6.99 kg/m, L-80, EUE pup joint
290 - 60.3 mm, 6.99 kg/m, P-110, EUE tubing joints

Set the packer with C.E. at 2802.28 mKB. Pulled up 4000 daN, 6000 daN and 8000 daN over string weight ensuring the elements were packed off.

17:55 - Rigged in circulation equipment. Pumped a 1 m³ water spacer down the tubing. Pumped a marker into the wellbore and chased it with 1130 kg/m³ KCl water pumping at 0.400 m³/min at 4 MPa watching at the rig tank for the marker while timing to allow for calculating the depth the water had reached. Observed the marker and some discoloring of fluid in the returns after 111 minutes of pumping indicating that the fluid was travelling through the perforations in the tubing at 3709.1 mKB. Continued pumping for a total pumping time of 120 minutes. Did not observe any other markers throughout the remainder of the pumping operations indicating all had travelled together returning to surface. Observed only minimal debris in the returns at the rig tank which appeared to be small pieces of scale.

20:00 - Rigged out circulation equipment and unset the packer assembly. Tubing bottom is landed at at 2841.6 mKB for the night.

20:15 - Closed and locked the pipe rams. Ensured the wellbore was capped and secured. Drained and winterized pump and lines. Capped and secured the 400 bbl tanks, rig tank, pump and pump lines. Cleaned and put away tools. Fueled up equipment. Ensured equipment was locked out and secured. Picked up all garbage and fittings.

21:00 - Shut down for the night.

Continued to heat the tanks and BOPs via the boiler. Boiler hand on location running and monitoring the boiler while heating kill fluid tanks and the Class III BOP stack. Precision Well Serving working alone procedure is being utilized.

23:59 - End of the days operations.

Flare Notification:

Flare volume for day: 0 E³m³

**VERTEX PROFESSIONAL SERVICES
DAILY RECORD - CONTINUED**

WELL Mount Coty 2K-02 UWI 302/2K02-6020-12330/1 DATE 10-Feb-22 DAY NO. 19

ADDITIONAL REMARKS:

08:10 - Continued to run into the wellbore with the Tryton Tools double grip packer assembly on the 60.3 mm, 6.99 kg/m, P-110, EUE work string. Tubing string was configured and ran as follows:

**4 - 60.3 mm, 6.99 kg/m, P-110, EUE tubing joints
1 - 114.3 mm slim hole Tryton Tools double grip packer assembly
1 - 10' 60.3 mm, 6.99 kg/m, L-80, EUE pup joint
400 - 60.3 mm, 6.99 kg/m, P-110, EUE tubing joints**

Set the packer with C.E. at 3870.56 mKB placing the end of the tubing at 3909.85 mKB. Pulled up 4000 daN, 6000 daN and 8000 daN over string weight ensuring the elements were packed off. Extensive work was required to get the packer set and both taking weight and pulling over to a point which was satisfactory to know the elements were packed off properly.

10:35 - Rigged in circulaiton equipment. Pumped a 1 m³ water spacer down the tubing. Pumped a marker into the wellbore and chased it with 1130 kg/m³ KCl water pumping at 0.480 m³/min at 14.4 MPa watching at the rig tank for the marker while timing to allow for calculating the depth the water had reached. Pumed a total of 34.5 m³ at 0.480 m³/min at which time the temperature on the pup was observed to be getting high. Slowed the rate down to 0.380 m³/min at 13.8 MPa while pumping the final 17.36 m³ that was pumped. With the calculated volume of 51.86 m³ pumped obsreved the marker that was pumped along with a small amount of gas with the bottoms up. Pumped an additional 10 m³ to while watching for any residual gas or debris in the returns. Observed the marker and some discoloring of fluid in the returns after 118 minutes of pumping indicating that the fuilid was travelling through the jet cut in the tubing at 4544.85 mKB. Continued pumping for a total pumping time of 146 minutes. Did not observed any other markers throughout the remainder of the pumping operations indicating all had travelled together returning to surface. While pumping observed only a very small amount of debris at the rig tank which appeared to be small pieces of scale like debris

13:10 - Rigged out circulation equipment and unset he packer assembly. Allowed the elements to relax on the packer while blowing out the pump lines.

13:30 - Pulled out of the wellbore with the Tryton Tools double grip packer assembly on the 60.3 mm, 6.99 kg/m, P-110, EUE work string. Tubing string was pulled as follows:

**320 - 60.3 mm, 6.99 kg/m, P-110, EUE tubing joints
1 - 10' 60.3 mm, 6.99 kg/m, L-80, EUE pup joint
1 - 114.3 mm slim hole Tryton Tools double grip packer assembly
4 - 60.3 mm, 6.99 kg/m, P-110, EUE tubing joints**

NOTE: While pulling out of the wellbore had to stop pulling tubing from 17:45 - 18:00 due to high winds that had blown through.

Continued on page 3...

**VERTEX PROFESSIONAL SERVICES
DAILY RECORD - CONTINUED**

WELL Mount Coty 2K-02 UWI 302/2K02-6020-12330/1 DATE 10-Feb-22 DAY NO. 19

ADDITIONAL REMARKS:

19:00 - Closed and locked the pipe rams. Ensured the wellbore was capped and secured. Drained and winterized pump and lines. Capped and secured the 400 bbl tanks, rig tank, pump and pump lines. Cleaned and put away tools. Fueled up equipment. Ensured equipment was locked out and secured. Picked up all garbage and fittings.

19:30 - Shut down for the night.

Continued to heat the tanks and BOPs via the boiler. Boiler hand on location running and monitoring the boiler while heating kill fluid tanks and the Class III BOP stack. Precision Well Serving working alone procedure is being utilized.

23:59 - End of the days operations.

Flare Notification:

Flare volume for day: 0 E³m³

**VERTEX PROFESSIONAL SERVICES
DAILY RECORD - CONTINUED**

WELL Mount Coty 2K-02 UWI 302/2K02-6020-12330/1 DATE 11-Feb-22 DAY NO. 20

ADDITIONAL REMARKS:

08:10 - Pulled and stood the 60.3 mm tubing. Set aside and inspected the BHA - tools were in good condition and no pieces were missing.

09:25 - Rigged in the 180 ton casing jacks onto the wellbore. Centered and secured the jack plate onto the BOP stack. Picked up the 114.3 mm spear assembly. Ran in 103 mm x 8.3 m spear assembly. Speared the tubing string below the tubing hanger. Jacked multiple times up and down. Worked to 115,000 daN. Unable to freely move 114.3 mm tubing string up hole. Max movement seen during the operation was 0.76 m of travel.

10:35 - Reviewed situation with Calgary. Decision made to pull up to 117,000 daN. Reviewed the change in scope with on site personnel and signed appropriate paperwork to authorize them to pull over 80% of their equipment rating.

10:45 - Jacked the pipe multiple times up and down. Worked to 117,000 daN. Unable to freely move the 114.3 mm tubing string up hole. Maximum travel seen while working the pipe to 117,000 daN was 0.84 m.

12:00 - Rigged down casing jack unit and released them. Landed and secured the tubing hanger. Tightened up the lag bolts and secured the tubing hanger in place. Secured the well. Cooled down the boiler and prepared to shut down the well site.

12:35 - Moved in Energetic and Troyer tank trucks and emptied the boiler, rig tank and dirty 400 bbl tank and hauled the fluids to Secure for disposal.

14:00 - End of activity on location. Rig crew and on site personnel released for days off.

Flare Notification:

Flare volume for day: 0 E³m³.

V3.02

**VERTEX PROFESSIONAL SERVICES
DAILY RECORD - CONTINUED**

WELL Mount Coty 2K-02 UWI 302/2K02-6020-12330/1 DATE 15-Feb-22 DAY NO. 21

ADDITIONAL REMARKS:

11:00 - Ensured all the engine heaters were turned on on each piece of equipment after the light plant was running. Pre-heated the boiler via the Herman Nelson heater in preparation for filling with water.

Filled the boiler with water and completed all safety and function tests, all checks passed. Filled and fired the boiler beginning to build a head of steam. Once the boiler had built a steam head opened the boiler and began heating the BOPs and the kill fluids.

13:50 - Fired the 69 MPa accumulator motor and began heating the accumulator equipment to required operating temperature.

15:00 - Rig motor had fired and appeared to be operating without issue.

17:00 - Pump motor had fired and appeared to be operating without issue.

19:00 - Continued to heat the tanks and BOPs via the boiler. Boiler hand on location running and monitoring the boiler while heating kill fluid tanks and the Class III BOP stack. Precision Well Serving working alone procedure is being utilized.

23:59 - End of the days operations.

Flare Notification:

Flare volume for day: 0 E³m³

V3.02

**VERTEX PROFESSIONAL SERVICES
DAILY RECORD - CONTINUED**

WELL Mount Coty 2K-02 UWI 302/2K02-6020-12330/1 DATE 16-Feb-22 DAY NO. 22

ADDITIONAL REMARKS:

Spotted and rigged in wireline unit and support equipment complete with function tested BOPs, full lubricator and nitrogen purge kit.

08:40 - Made up and ran into the wellbore with a 92.5 mm gauge ring and junk basket assembly. Ran down to a depth of 4250 mKB without seeing any weigh loss on the weigh indicator at any point. Logged a strip across the setting depth to identify any casing collars within the desired setting depth. Pulled out of the wellbore recovering the gauge ring assembly on surface. Did not observe any weight loss or overpull while running or pulling the gauge ring assembly. Upon visual inspection on surface there were no unusual markings or debris on the gauge ring, nor in the junk basket assembly.

10:15 - Prepared the lubricator assembly and the Baker 10 setting tool and completed and electronics check to ensure all transmitting devices were powered down. Assembled the Tryton Tools Viton 10K cement retainer assembly. Armed and picked up the cement retainer, installed and secured the lubricator. Purged and pressure tested the lubricator with nitrogen. Ran into the wellbore with the Viton cement retainer. Ran down and pulled up logging a strip and correlated the plug on depth to strip pulled during the previous gauge ring run.

11:22 - Set the cement retainer with C.E. at 4197 mKB MD placing the top at 4196.8 mKB MD and the bottom at 4197.17 mKB MD. Pulled out of the wellbore and recovered the setting tool. Upon visual inspection the setting tool appeared to be in good condition with no signs of damage.

12:15 - Rigged out the wireline unit and all support equipment.

12:55 - Made up and ran into the wellbore with the Tryton Tools 88.9 mm centralized cement stinger on the 60.3 mm, 6.99 kg/m, P-110, EUE work string. Tubing string was configured and ran as follows:

**1 - Tryton Tools 88.9 mm centralized cement stinger assembly
434 - 60.3 mm, 6.99 kg/m, P-110, EUE tubing joints
2 - 10' 60.3 mm, 6.99 kg/m, P-110, EUE pup joints
1 - 60.3 mm, 6.99 kg/m, P-110, EUE tubing joint**

18:45 - Tagged the cement retainer at 4198.07 mKB placing 1500 daN of weight onto it and spaced out the tubing string. Ran down and stung into the retainer assembly and pulled up pulling 2000d daN over string weight to ensure that the stinger was latched in the retainer. Came down placing the tubing string in 1500 daN of compression leaving the retainer valve opened for the night.

19:00 - Closed and locked the pipe rams. Ensured the wellbore was capped and secured. Drained and winterized pump and lines. Capped and secured the 400 bbl tanks, rig tank, pump and pump lines. Cleaned and put away tools. Fueled up equipment. Ensured equipment was locked out and secured. Picked up all garbage and fittings.

19:30 - Shut down for the night.

Continued on page 3...

**VERTEX PROFESSIONAL SERVICES
DAILY RECORD - CONTINUED**

WELL Mount Coty 2K-02 UWI 302/2K02-6020-12330/1 DATE 16-Feb-22 DAY NO. 22

ADDITIONAL REMARKS:

Continued to heat the tanks and BOPs via the boiler. Boiler hand on location running and monitoring the boiler while heating kill fluid tanks and the Class III BOP stack. Precision Well Serving working alone procedure is being utilized.

23:59 - End of the days operations.

Flare Notification:

Flare volume for day: 0 E³m³

**VERTEX PROFESSIONAL SERVICES
DAILY RECORD - CONTINUED**

WELL Mount Coty 2K-02 UWI 302/2K02-6020-12330/1 DATE 17-Feb-22 DAY NO. 23

ADDITIONAL REMARKS:

Rigged in the tubing swivel and work valve. Rigged in all required pumping and return lines to the rig tank and the 400 bbl tanks pre-heated lines as required.

08:20 - Spotted and rigged in all required cementing equipment. Pre-heated the cement pump fluid end and pumping system via steam from the boiler. Held a pre pumping safety meeting.

09:40 - Supplied water to the C&A pump. Began pumping clean fresh water down the tubing, through the jet cut in the 114.3 mm tubing at 4544.85 mKB returning up the 177.8 mm annulus pumping 5 m³ pumping at 0.350 m³/min at 11.1 MPa. Shut in and pressure tested surface lines to 25 MPa, pressure test passed with no leak off observed. Pulled up and closed the retainer valve and began pumping fresh water down the tubing slowly bringing the pressure up to 7 MPa. Pressure tested the tubing, cement retainer valve, and the surface lines to 7 MPa, pressure tests passed with no leak off observed. Bled off the pressure and stung into the retainer. Continued pumping clean fresh water pumping at 0.350 m³/min at 11.1 MPa, down the tubing through the jet cut in the 114.3 mm tubing at 4544.85 mKB returning up the 177.8 mm annulus. Pumped an additional 5 m³ equating to a total of 10 m³ of clean fresh water pumped ahead of the cement placing the fresh water well past the tubing perforations at 3709.1 mKB upon completion of cement squeeze.

Mixed and pumped 6300 liters of Charger CH Thermal 40 blended at 1850 kg/m³, consisting of 0:1:0 G + 2 % CHRT - H + 0.15 % CHFL - 1 + 0.05 % CHFR-1 + 0.2 % CHDF - P + 0.7 % Boric Acid + 28 % Sil Flour. Pumped the cement plug through the retainer at a rate of 0.350 m³/min at 11.1 MPa while holding 0.75 MPa of back pressure on the 177.8 mm annulus. Pumped a total of 6.3 m³ of 1850 kg/m³ cement displacing the cement with 8.1 m³ of clean fresh water.

11:45 - Pulled up closing the retainer valve, rigged out the cementing hose and stung out of the retainer. Allowed the cement to balance itself in the wellbore along with allowing some fluid expansion to be relieved from the cold water warming up in the wellbore due to the high bottom hole temperature. Pulled and laid down 4 joints of tubing landing tubing bottom at 4159.13 mKB.

12:45 - Rigged pumping equipment onto the tubing. Began back washing the wellbore clean reverse circulating pumping down the 114.3 mm tubing returning up the 60.3 mm tubing pumping at 0.400 m³/min at 8.2 MPa returning back to the rig tank and vacuum truck. Backwashed a total of 10.5 m³ observing clean returns at the rig tank for the final 1.5 m³ that was pumped. Continued pumping down the 114.3 mm tubing returning up the 60.3 mm tubing pumping at 0.400 m³/min at 8.2 MPa circulating the wellbore over to clean fresh water. Pumped a total of 32 m³ while conducting backwash and circulation operations ensuring that the 114.3 mm tubing was full of clean fresh water only. The 177.8 mm annulus was shut in for the entirety of the backwash/circulating the 114.3 mm tubing and 60.3 mm tubing to clean fresh water.

Switched over and began pumping clean fresh water down the 60.3 mm tubing returning up the 177.8 mm annulus pumping at 0.400 m³/min at 8.2 MPa circulating the wellbore over to clean fresh water. Pumped a total of 33 m³ (7.35 m³ over calculated annulus volume including the 6.1 m³ of fresh water that was brought past the perforations during cementing operations) while conducting circulation operations ensuring that the 177.8 mm annulus was full of clean fresh water only.

Continued on page 3...

**VERTEX PROFESSIONAL SERVICES
DAILY RECORD - CONTINUED**

WELL Mount Coty 2K-02 UWI 302/2K02-6020-12330/1 DATE 17-Feb-22 DAY NO. 23

ADDITIONAL REMARKS:

The 10 m³ fresh water spacer ahead of the cement ensured that the 177.8 mm annulus was full of clean fresh water from 4544.85 mKB to above the perforations in the 114.3 mm tubing at 3709.1 mKB prior to circulating the remainder to fresh water. The 114.3 mm annulus was shut in for the entirety of the circulating the 177.8 mm annulus to clean fresh water. The complete wellbore was full of clean fresh water only at the end of circulation operations.

Calculated cement top on the retainer is 4159.87 mKB translating to a 38 meter cement cap.
Calculated cement top in the 177.8 mm annulus is 4164.85 mKB.

16:15 - Sucked back on the wellbore and blew out the surface lines with steam to prevent freezing while rolling the pump back to the rig tank.

16:45 - Pulled out of the wellbore with the Tryton Tools 88.9 mm centralized cement stinger on the 60.3 mm, 6.99 kg/m, P-110, EUE work string. Tubing string was pulled as follows:

- 1 - 60.3 mm, 6.99 kg/m, P-110, EUE tubing joint
- 2 - 10' 60.3 mm, 6.99 kg/m, P-110, EUE pup joints
- 82 - 60.3 mm, 6.99 kg/m, P-110, EUE tubing joints

Tubing bottom landed at 3372.75 mKB for the night.

Top filled the wellbore with 0.6 m³ of clean fresh water.

18:50 - Closed and locked the pipe rams. Ensured the wellbore was capped and secured. Drained and winterized pump and lines. Capped and secured the 400 bbl tanks, rig tank, pump and pump lines. Cleaned and put away tools. Fueled up equipment. Ensured equipment was locked out and secured. Picked up all garbage and fittings.

19:30 - Shut down for the night.

Continued to heat the tanks and BOPs via the boiler. Boiler hand on location running and monitoring the boiler while heating kill fluid tanks and the Class III BOP stack. Precision Well Serving working alone procedure is being utilized.

23:59 - End of the days operations.

Flare Notification:

Flare volume for day: 0 E³m³

**VERTEX PROFESSIONAL SERVICES
DAILY RECORD - CONTINUED**

WELL Mount Coty 2K-02 UWI 302/2K02-6020-12330/1 DATE 18-Feb-22 DAY NO. 24

ADDITIONAL REMARKS:

08:20 - Continued pulling out of the wellbore with the Tryton Tools 88.9 mm centralized cement stinger on the 60.3 mm, 6.99 kg/m, P-110, EUE work string laying the remainder down onto the catwalk and pipe racks. Tubing string was pulled as follows:

- 1 - 60.3 mm, 6.99 kg/m, P-110, EUE tubing joint**
- 2 - 10' 60.3 mm, 6.99 kg/m, P-110, EUE pup joints**
- 434 - 60.3 mm, 6.99 kg/m, P-110, EUE tubing joints**
- 1 - Tryton Tools 88.9 mm centralized cement stinger assembly**

Upon visual inspection the stinger appeared in good condition with no visual signs of damage.

16:00 - Top filled the wellbore slowly with clean fresh water and allowed any residual air to dissipate. Wellbore required 4 m³ to fill. Pressured the wellbore up to 5 MPa and allowed it to sit for 5 minutes to allow any residual air to migrate to surface. Bled off the wellbore to the rig tank and let the wellbore opened to the rig tank for 5 minutes.

16:30 - Slowly pressured the wellbore up to 7.2 MPa pressure testing the cement plug and the 177.8 mm casing for 20 minutes. Pressure tested passed with no leak off observed. Bled off the pressure to the rig tank.

16:55 - Held a safety meeting with all persons on location. Spotted and rigged in wireline unit and support equipment complete with function tested BOPs, full lubricator and nitrogen purge kit. Rigged the casing jacks onto the wellbore. Centered and secured the jack plate onto the BOP stack. Picked up the 114.3 mm spear assembly and hung it in preparation for cutting operations.

Completed electronics checks to ensure that all transmitting devices were powered off and powered down the rig power. Made up, armed, picked up and ran into the wellbore with the 87.29 mm Core Lab jet cutter assembly. Ran the cutter in to 50 meters and speared into the 114.3 mm, L-80 tubing with the tubing spear assembly. Ran the cutter down to a depth of 1015 mKB and began working the tubing string observing the tubing hanger move at 98,000 daN. Pulled up logging a string to identify the depths of the casing collars prior to cutting. Ran down, pulled up, logged on depth and positioned the cutter on depth to cut the 114.3 mm, L-80 tubing at 1000 mKB.

18:40 - Jet cutter was fired observing the spear assembly jump and the weigh change indicating that the jet cutter had fired cutting the tubing. Logged a strip and began pulling out of the wellbore with the jet cutter assembly. While pulling out of the wellbore worked the 114.3 mm tubing observing it moving freely pulling at 33,000 daN. Attempted to land the tubing hanger back down in the tubing head but could not get it to drop more then 0.5 meters from where it had been pulled. Worked the tubing string up to where the slips could be set below the tubing hanger. Removed the capillary line from the bottom of the tubing hanger and landed the tubing in the slips. Worked the spear from the 114.3 mm tubing and pulled out of the wellbore with the remaining wireline and the jet cutting assembly.

20:00 - Laid down the Jet cutter assembly and the tubing spear assembly. Upon visual inspection it was observed that the bottom of the cutter had sheared off.

Continued on page 3...

**VERTEX PROFESSIONAL SERVICES
DAILY RECORD - CONTINUED**

WELL Mount Coty 2K-02 UWI 302/2K02-6020-12330/1 DATE 18-Feb-22 DAY NO. 24

ADDITIONAL REMARKS:

Rigged out the wireline equipment.

Worked the tubing to a depth to secure the wellbore via the BOPs.

Total fresh water pumped into the wellbore during todays operations was 6.4 m³.

20:30 - Closed and locked the pipe rams. Ensured the wellbore was capped and secured. Drained and winterized pump and lines. Capped and secured the 400 bbl tanks, rig tank, pump and pump lines. Cleaned and put away tools. Fueled up equipment. Ensured equipment was locked out and secured. Picked up all garbage and fittings.

21:00 - Shut down for the night.

Continued to heat the tanks and BOPs via the boiler. Boiler hand on location running and monitoring the boiler while heating kill fluid tanks and the Class III BOP stack. Precision Well Serving working alone procedure is being utilized.

23:59 - End of the days operations.

Flare Notification:

Flare volume for day: 0 E³m³

V3.02

**VERTEX PROFESSIONAL SERVICES
DAILY RECORD - CONTINUED**

WELL Mount Coty 2K-02 UWI 302/2K02-6020-12330/1 DATE 19-Feb-22 DAY NO. 25

ADDITIONAL REMARKS:

08:10 - Picked up the 114.3 mm spear and speared into the tubing string. Picked up on the tubing string observing it moving at 18,500 daN. Stripped off the casing jacks assembly. Rigged out the casing jacks and the tubing spear equipment.

09:00 - Spotted and rigged in Dash power tongs and support equipment. Warmed and function tested the power tongs, function tests passed with no deficiencies noted.

09:20 - Pulled out of the wellbore with the 114.3 mm, 18.75 kg/m, L-80, NK3SB tubing. Tubing string was pulled as follows:

- 1 - 179.4 mm x 114.3 mm NK3SB tubing hanger
- 1 - 114.3 mm, NK3SB x 114.3 mm, NK3SB pin by pin
- 1 - 114.3 mm, 18.75 kg/m, NK3SB tubing joint
- 1 - 8' 114.3 mm, 18.75 kg/m, NK3SB pup joint
- 1 - 6' 114.3 mm, 18.75 kg/m, NK3SB pup joint
- 1 - 4' 114.3 mm, 18.75 kg/m, NK3SB pup joint
- 1 - 2' 114.3 mm, 18.75 kg/m, NK3SB pup joint
- 2 - 114.3 mm, 18.75 kg/m, NK3SB tubing joints
- 1 - 6' 114.3 mm, 18.75 kg/m, NK3SB pup joint
- 1 - 114.3 mm, NK3SB Halliburton flow coupling
- 1 - 114.3 mm Halliburton sub-surface safety valve (96.85 mm profile)
- 1 - 114.3 mm, NK3SB Halliburton flow coupling
- 1 - 4' 114.3 mm, 18.75 kg/m, NK3SB pup joint
- 102 - 114.3 mm, 18.75 kg/m, NK3SB tubing joints
- 1 - 6.1 m 114.3 mm, 18.75 kg/m, NK3SB tubing joint (cut off joint)

Upon visual inspection of the tubing while pulling and while laid down there was little to no scale or corrosion observed throughout the entirety of the tubing that was pulled. Did not observe any holes in the tubing while visually inspecting.

13:20 - Rigged out the tubing tongs and the 114.3 mm air slips. Changed over from 114.3 mm to 60.3 mm handling equipment.

13:40 - Held a safety meeting with all persons on location. Spotted and rigged in wireline unit and support equipment complete with function tested BOPs, full lubricator and nitrogen purge kit.

14:20 - Made up and ran into the wellbore with a 147.3 mm gauge ring and junk basket assembly. Ran down tagging to cut off 114.3 mm tubing stump at 1005.7 mKB without seeing any weigh loss on the weigh indicator at any point. Logged a strip across the setting depth to identify any casing collars within the desired setting depth. Pulled out of the wellbore recovering the gauge ring assembly on surface. Did not observe any weight loss or overpull while running or pulling the gauge ring assembly. Upon visual inspection on surface there were no unusual markings or debris on the gauge ring, nor in the junk basket assembly.

Continued on page 3...

**VERTEX PROFESSIONAL SERVICES
DAILY RECORD - CONTINUED**

WELL Mount Coty 2K-02 UWI 302/2K02-6020-12330/1 DATE 19-Feb-22 DAY NO. 25

ADDITIONAL REMARKS:

15:10 - Prepared the lubricator assembly and the Baker 20 setting tool and completed and electronics check to ensure all transmitting devices were powered down. Assembled the Canadian 10K permanent bridge plug assembly. Armed and picked up the bridge plug, installed and secured the lubricator. Purged and pressure tested the lubricator with nitrogen, test passed. Ran into the wellbore with the bridge plug assembly. Ran down and pulled up logging a strip and correlated the plug on depth to strip pulled during the previous gauge ring run.

15:32 - Set the bridge plug with C.E. at 1002 mKB placing the top at 1001.8 mKB and the bottom at 1002.23 mKB. Pulled out of the wellbore and recovered the setting tool. Upon visual inspection the setting tool appeared to be in good condition with no signs of damage.

15:40 - Top filled the wellbore slowly with clean fresh water and allowed any residual air to dissipate. Wellbore required 3 m³ to fill. Pressured the wellbore up to 5 MPa and allowed it to sit for 5 minutes to allow any residual air to migrate to surface. Bled off the wellbore to the rig tank and let the wellbore opened to the rig tank for 5 minutes.

15:55 - Slowly pressured the wellbore up to 7.1 MPa pressure testing the 177.8 mm bridge plug for 22 minutes. Pressure tested passed with no leak off observed. Bled off the pressure to the rig tank and sucked back on the wellbore.

16:25 - Picked up and ran into 177.8 mm casing with the GR-CCL-RCBL tool string which had be fully function tested on surface with no deficiencies noted. Completed high speed overview to bridge plug top at 1001.8 mKB. Did not observe any cement from surface down to 1000.8 mKB on the high speed overview. Completed repeat pass from 1001.8 mKB - 940 mKB. Completed main pass from 1001.8 mKB to surface. Cement bond to be sent to Calgary representatives for interpretation.

18:15 - Recovered bond tools on surface. Rigged out the wireline unit and support equipment.

20:30 - Closed and locked the blind rams. Ensured the wellbore was capped and secured. Drained and winterized pump and lines. Capped and secured the 400 bbl tanks, rig tank, pump and pump lines. Cleaned and put away tools. Fueled up equipment. Ensured equipment was locked out and secured. Picked up all garbage and fittings.

21:00 - Shut down for the night.

Continued to heat the tanks and BOPs via the boiler. Boiler hand on location running and monitoring the boiler while heating kill fluid tanks and the Class III BOP stack. Precision Well Serving working alone procedure is being unilized.

23:59 - End of the days operations.

Pumped a total of 3 m³ of clean fresh water into the wellbore during the days operations.

Flare Notification:

Flare volume for day: 0 E³m³

V3.02

**VERTEX PROFESSIONAL SERVICES
DAILY RECORD - CONTINUED**

WELL Mount Coty 2K-02 UWI 302/2K02-6020-12330/1 DATE 20-Feb-22 DAY NO. 26

ADDITIONAL REMARKS:

08:15 - Waiting on approval from OROGO as to the next programmed course of action.

While waiting began digging out the snow from around the equipment and within the work areas in preparation for rigging out the rig and support equipment. Completed required general maintenance and housekeeping. Ensured all garbage was gathered up on location and disposed of properly.

Loaded out the 114.3 mm tubing that was pulled from the wellbore hauling it to Cooper Barging's yard in Fort Nelson.

15:00 - Approval was received from OROGO to continue with programmed operations to cap the bridge plug with C.E. at 1002 mKB with 30 meters of cement. Held a tailgate meeting with the rig crew to discuss planned operations prior to running into the wellbore. Fired the rig and warmed the rig hydraulics and the tubing tongs. Prepared the rig pump to suck back when running into the wellbore.

15:30 - Ran into the wellbore open ended with the 60.3 mm, 6.99 kg/m, P-110, EUE work string. Tubing string was configured and ran as follows:

- 1 - 60.3 mm, EUE re-entry guide**
- 102 - 60.3 mm, 6.99 kg/m, P-110, EUE tubing joints**
- 1 - 10' 60.3 mm, 6.99 kg/m, L-80, EUE pup joints**
- 1 - 60.3 mm, 6.99 kg/m, P-110, EUE tubing joint**

Tagged the bridge plug at 1002.53 mKB and spaced out the tubing string landing tubing bottom at 1002.33 mKB placing it 0.2 meters above the top of the bridge plug.

20:30 - Closed and locked the blind rams. Ensured the wellbore was capped and secured. Drained and winterized pump and lines. Capped and secured the 400 bbl tanks, rig tank, pump and pump lines. Cleaned and put away tools. Fueled up equipment. Ensured equipment was locked out and secured. Picked up all garbage and fittings.

21:00 - Shut down for the night.

Continued to heat the tanks and BOPs via the boiler. Boiler hand on location running and monitoring the boiler while heating kill fluid tanks and the Class III BOP stack. Precision Well Serving working alone procedure is being utilized.

23:59 - End of the days operations.

Pumped a total of 3 m³ of clean fresh water into the wellbore during the days operations.

Flare Notification:

Flare volume for day: 0 E³m³

V3.02

**VERTEX PROFESSIONAL SERVICES
DAILY RECORD - CONTINUED**

WELL Mount Coty 2K-02 UWI 302/2K02-6020-12330/1 DATE 21-Feb-22 DAY NO. 27

ADDITIONAL REMARKS:

Spotted and rigged in all required cementing equipment. Pre-heated the cement pump fluid end and pumping system via steam from the boiler. Held a pre pumping safety meeting.

Starter on the deck engine of the cement pump would not engage. Removed the starter and manually rotated the starter to get the started to function properly. After getting the deck engine to fire allowed the motor and hydraulics to warm up.

10:40 - Held a pre pumping safety meeting with all persons on location. Supplied water to the C&A pump, fill surface lines and broke circulation back to the rig tank. Wellbore required 0 m³ to fill with a total of 2 m³ pumped while circulating to warm up the lines. Shut in to the wellbore and pressure tested surface lines to 21 MPa, pressure test passed with no leak off observed.

Mixed and pumped 1000 liters of Charger CH Thermal 40 blended at 1850 kg/m³, consisting of 0:1:0 G + 0.15 % CHFL - 1 + 0.05 % CHFR - 1 + 0.2 % CHDF - P. Pumped the cement balance plug at a rate of 0.350 m³/min at 3.1 MPa while holding 1.5 MPa of back pressure on the casing. Pumped a total of 1 m³ of 1850 kg/m³ cement displacing the cement with 1.7 m³ (shorting it 0.2 m³) of fresh water with the tubing observed to be on a vacuum upon completion of pumping indicating the cement plug was balancing itself in the wellbore. After the plug had balanced, the wellbore was observed to be sitting static indicating the plug was holding in place. Rigged out the pumping equipment.

12:10 - Slowly pulled out of the balance plug pulling and laying down 12 joints of 60.3 mm, L-80 tubing placing the end of the tubing at 884.18 mKB MD.

12:30 - Rigged in the circulation equipment and prepared to backwash the tubing and the wellbore clean. Began reverse circulating pumping down the casing returning up the tubing back to the rig tank and vac truck pumping at 0.450 m³/min at 5 MPa. Pumped a total of 4 m³ of fresh water observing clean returns at the rig tank for the final 2.5 m³ that was pumped.

NOTE: Calculated cement cap top on the bridge plug is 948.8 mKB translating to a 53 meter cement cap on the bridge plug.

12:50 - Rigged out circulation equipment and rigged out the cement pump and bulker.

13:20 - Pulled out of the wellbore laying down the 60.3 mm, 6.99 kg/m, P-110, EUE work string onto the catwalk and pipe racks. Tubing string was pulled as follows:

1 - 60.3 mm, 6.99 kg/m, P-110, EUE tubing joint
1 - 10' 60.3 mm, 6.99 kg/m, L-80, EUE pup joints
102 - 60.3 mm, 6.99 kg/m, P-110, EUE tubing joints
1 - 60.3 mm, EUE re-entry guide

Upon visual inspection when pulling all tubing appeared in good condition with no visual signs of damage.

Continued on page 3...

**VERTEX PROFESSIONAL SERVICES
DAILY RECORD - CONTINUED**

WELL Mount Coty 2K-02 UWI 302/2K02-6020-12330/1 DATE 21-Feb-22 DAY NO. 27

ADDITIONAL REMARKS:

14:45 - Top filled the wellbore with 0.6 m³ of clean fresh water leaving the fluid level 8 meters from surface to prevent freezing.

14:50 - Held a pre rig out safety meeting with all persons on location.

15:15 - Rigged out the air slips, tubing tongs, v-door, escape stairs and the work floor. Removed and racked the 69 MPa Class III BOP stack. Picked up, installed and secured the 69 MPa flowing style wellhead top section. Cleaned out the rig tank via the combo vac truck. Ensured that the wellhead was capped and secured.

16:45 - Conducted a Level II inspection on the mast prior to lowering, inspection was good. Lowered the mast and completed rigging out the rig carrier, pump truck, rig tank and support equipment.

NOTE: Throughout the day loaded out the 2 x 400 bbl tanks, 60.3 mm rental tubing string, tubing borrowed from EOG Canada Oil & Gas, and some rental equipment.

20:00 - Ensured wellbore was capped and secured. Drained and winterized pump and lines. Capped and secured the 400 bbl tanks, rig tank, pump and pump lines. Cleaned and put away tools. Fueled up equipment. Ensured equipment was locked out and secured. Picked up all garbage and fittings.

20:30 - Shut down for the night.

Pumped a total of 0.6 m³ of clean fresh water into the wellbore during the days operations.

Flare Notification:

Flare volume for day: 0 E³m³

**VERTEX PROFESSIONAL SERVICES
DAILY RECORD - CONTINUED**

WELL Mount Coty 2K-02 UWI 302/2K02-6020-12330/1 DATE 22-Feb-22 DAY NO. 28

ADDITIONAL REMARKS:

Continued loading out the rental equipment and rig support equipment.

11:30 - Held a safety meeting with all persons on location.

Excavated a bellhole 5 meters square by 2.5 meters deep for proper sloping locating the previously cut and capped wellhead. Dug access/egress ramps on either side of the bellhole.

09:15 - Removed the 69 MPa flowing style wellhead. Cut down the 508 mm conductor barrel to allow access to the casing strings at the required cutting depth. Cut windows into the 339.7 mm surface casing to allow access to the 177.8 mm production casing string. Cut off the 177.8 mm production casing and then cut off the remainder 339.7 mm surface casing 2.08 meters below ground level.

Pulled the wellhead and casing stumps from the bellhole and laid them onto the ground.

Installed and fillet welded the 177.8 mm casing and 339.7 mm surface casing cap containing the identification for the wellbore. Welded on the 25.4 mm piping complete with at 15 cm by 15 cm box with a hinged lid containing a 12.7 mm stainless steel ball valve. Placed the box to be 1.5 meters up from the casing stump placing it 0.5 meters below ground level as per OROGO request for access for gas migration testing.

16:45 - Backed filled in the bellhole caused by the cut and cap procedure and track packed it via the track hoe. Left an area around the previously noted gas migration testing box that was 0.5 m x 0.5 m x 0.5 m. Filled the hole around the gas migration test box with crushed gravel that will be able to be removed via shovel when gas migration testing is required.

Dug a 1 meter deep by 30 centimeter diameter hole and installed the wellbore tombstone sign. Filled the hole with concrete and ensured the sign was straight. Leveled out the area via the track hoe.

Used the track hoe and cat to knock down and spread out the snow banks that had been made from plowing out the access to the lease area.

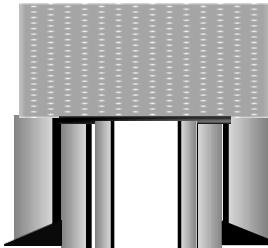
18:00 - Rigged out cut and cap equipment.

18:30 - Moved off of location releasing cut and cap services to home bases.

23:59 - Shut down for the night.

NOTE: The wellhead and steel debris that was created as a result of cut and cap operations will be hauled off of location on a low bed tractor during tomorrow operations. The fuel tank that is on location is remaining to be used for fueling up the construction equipment as needed over the next few days of operations.

4. Wellbore Schematic



TP: 4726 mKB

[illegible]

Well Operations Report

5. Other Pertinent Information

A. Completion fluid properties

- Fresh potable water

B. Operations Completion Date (Rig Release Date)

- February 22, 2022