



## Activity - Chronology by Job

**Well Name: NPR 24B-3 596**

API/UWI 05045240020000	Related POD A03-POD 2	State CO	County Garfield	Permit Number
Original Spud Date 1/30/2019 14:00	Total Depth (ftKB) 11,665.0	PBTD (All) (ftKB) Original Hole - 11,597.7	Original KB Elevation (ft) 8,361.00	Ground Elevation (ft) 8,331.00

### Completion

Job Category Completion	Primary Job Type Completion	Secondary Job Type Initial Completion	Start Date 3/5/2019 06:00	End Date
AFE Number 01-2018-772	Total AFE Amount (Cost) 1,051,424	Total Field Estimate (Cost) 64,017	AFE - Field Est (Cost) 987,407	

Summary

### Daily Operations

Rpt #	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)	Summary
1	3/9/2019	3/10/2019	7,940	7,940	<p>Safety meeting &amp; JSA w/ Schlumberger wireline (2), Caerus Completions (1)</p> <p>Run RST, SCMT (CBL),CCL, Gamma-ray (combo) F.C / PBTD @ 11597.70' Loggers Tagged @ 11586.00' Tagged 3X = (11' ft High) Found Short Joint @ 7152'-7162.' Top of good Cement @ 9400' Max B.H Temp=278 degF. Fluid Level @ 0 ft. Log out hole to 2000' (Top of Log)</p> <p>Re-install Hole Cover on top of Tbg head. Move to Next Well.</p>
2	4/16/2019	4/17/2019	900	8,840	<p>4/16/2019 RMWS NPR 24B-3 596 (A-03) Days on # 1 AFE: 01-2018-772 Daily Cost:: \$.1,384.00 Daily Cost:: \$.900.00 Cumulative Cost to Date: \$900.00 6:00 to 14:00 p.m.</p> <p>Safety meeting &amp; JSA w/ RMWS (3), Caerus Completions (1)</p> <p>Make up RMWS 3.75" Gauge ring / Junk Basket &amp; 11ft of weight Bar tool string. RIH with G.R &amp; junk Basket. Locate S.J @ 7,152' - 7,162' F.C / PBTD @ 11,597.7' Tagged up w/ G.R @ 11589' (8.7' high) Hard tag @ bottom, Sign of clean G.R run. POOH to Surface with tools, junk basket was clean and free from debris.</p> <p>Re-install Hole Cover on top of W/H. Move over to Next Well.</p>
3	4/23/2019	4/24/2019	11,554	20,394	<p>Safety meeting &amp; JSA w/ D&amp;B (4), Cammron WellHead (3), Caerus Completions (1)</p> <p>Cameron install 4 1/16 10k Tbg Head, D&amp;B install 4 1/16 10k Frac Valve Re-install Hole Cover on top of Tbg head. Move to Next Well.</p>
4	4/24/2019	4/25/2019		20,394	<p>Safety Meeting &amp; JSA w/ D&amp;B (3) Caerus Completions (1)</p> <p>Top off Prod Csg &amp; Tree w/2 bbls of produced H2O and Conduct Pressure test. Start pressure up Csg/Tree and was able to reach designated test pressure of 8500 psi. Mark start of Test= 8524 PSI (pressure holding solid), 5min=8499psi, 10min=8483, 15min=8473psi (End of test) GOOD TEST. Only lost 51 psi(less than 1% of test pressure) Bleed off test pressure to 0psi</p> <p>4-1/2 Prod Csg has full pressure integrity- Ready to Start Completions Ops. Shut in well and move to next.</p>
5	9/28/2019	9/29/2019	5,498	25,891	<p>Date: 9-28-19 Rig #339 Well: NPR 24B-3 596 (A03 Pad) Days on #1 AFE #01-2018-772 (Remediation) Daily Cost: \$5,497.75 -Ensign: \$2,277.50 -RigUp: \$1,350.00 -RMWS: \$1,870.25 Cumulative Cost: \$25,891.49</p> <p>JSA meeting (Caerus 1, Ensign 4, Mesa 2, RMWS 3)-check pressures on well (SITP: N/A / SICP: 200psi / SIBHP: 10psi)-SIRUWOR-RU RMWS-MU squeeze gun-RIH &amp; shoot 4 holes @7985'-86' (Csg went on a vacuum / BH remained static)-POOH-RD RMWS-establish injection rate down csg through squeeze holes (5 bbls to fill - 3.25 bbls/min @800psi injection rate)-pump additional 50bbls (BH remained static while pumping)-shut pump down &amp; monitor csg pressure for 15min. (ISIP: 350psi / 5min: 350psi / 10min: 325psi / 15min: 250psi - 100psi loss in 15min.)-bleed pressure off-ND Frac valve (4" 10K)-NUBOP &amp; spool (7" 5K &amp; 4" 10K x7" 5K)-pressure test BOP to 2K-RU floor &amp; handling equipment-spot in pipe wrangler &amp; racks-load racks with 2 3/8" L-80-shut well in-secure equipment &amp; location.</p>



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### Daily Operations

Rpt #	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)	Summary
6	9/30/2019	10/1/2019	23,280	49,171	<p>Date: 9-30-19 Rig #339 Well: NPR 24B-3 596 ( Pad) Days on #2 AFE #01-2018-772 (Remediation) Daily Cost: \$23,171.41 -Ensign: \$5,225.00 -RigUp: \$1,350.00 -KLX: \$3,926.70 -BJ: \$12,669.71 Cumulative Cost: \$49,062.90</p> <p>JSA meeting (Caerus 1, Ensign 4, KLX 1, BJ 3, Mesa 2)-check pressures on well (SITP: N/A / SICP: 0psi / SIBHP: 0psi)-MU BHA (4.5" CICR / 1 jt 2 3/8" L-80 / SN)-TIH-set CICR @7880'/248 jts (105' above squeeze holes)-pressure test tbg to 1000psi-bleed pressure off-sting out-establish circulation (20 bbls)-pressure test csg to 1000psi-bleed pressure off-sting into retainer &amp; reestablish injection rate (3.25 bbls/min @1400psi)-RU BJ cementers-hold JSA meeting-pressure test lines to 5K-pump 40 bbls mud flush (3 bbls/min @2000psi)-25.65 bbls Lead Cement (3 bbls/min @1950psi)-25.65 bbls Tail Cement (3 bbls/min. @2140psi)-30 bbls disp. (Start-3 bbls/min. @2620psi / 15 bbls away: 2000psi / End: 3 bbls/min @2530psi / ISIP: 594psi)-sting out of retainer-LD 1 jt-reveres tbg clean (45 bbls / .25 bbl diluted cmt)-RD BJ Cementers-TOOH 123 stands (LD setting tool)-shut well in-secure equipment &amp; location.</p>
7	10/1/2019	10/2/2019	6,710	55,881	<p>Date: 10-1-19 Rig #39 Well: NPR 24B—3 596 (A03 Pad) Days on #3 AFE #01-2018-772 (Remediation) Daily Cost: \$6,710.00 -Ensign: \$5,360.00 -RigUp: \$1,350.00 Cumulative Cost: \$55,772.90</p> <p>JSA meeting (Caerus 1, Ensign 4, Mesa 2)-check pressures on well (SITP: N/A / SICP: 0psi / SIBHP: 0psi)-MU 3 7/8" Tri Cone Bit on bottom of 2 3/8" L-80 tbg-TIH-tag TOC @ 7858'/248 jts (22' of cmt on top CICR)- LD tag jt-RUPS-establish circulation down Csg &amp; up Tbg-drill out Cmt/CICR (1 hr to DO CICR – fell out of Cmt @7992'/252 jts)-run 1 jt past (253 jts) -circulate tbg clean (1.5x Tbg vol.)-RDPS-TIH-tag @11,590'/366 jts (PBTD @11,596')-LD tag jt-circulate well clean-TOOH laying down 144 jts (EOT @7000')-shut well in-secure equipment &amp; location.</p>
8	10/2/2019	10/3/2019	8,136	64,017	<p>Date: 10-2-19 Rig #339 Well: NPR 24B-3 596 (A03 Pad) Days on #4 AFE #01-2018-772 (Remediation)) Daily Cost: \$6,097.00 -Ensign: \$2,207.50 -RMWS: \$3,889.12 Cumulative Cost: \$61,870.00</p> <p>JSA meeting (Caerus 1, Ensign 4, RMWS 3, Mesa 2)-check pressures on well (SITP: 0psi / SICP: 0psi / SIBHP: 0psi)-Continue TOOH laying down all tbg-RD floor &amp; handling equipment-NDBOP-NU Frac valve (4" 10K)-shut well in-RDWOR-MIRU RMWS-MU CBL tool-RIH &amp; log from 9000'-2500' (Cmt: 7,820'-8,176' / 356' of cmt)-POOH-LD tools-RDWL-shut well in-secure equipment &amp; location.</p>