



Well was P&A for Caerus Oil & Gas LLC.

Well: NPR 25C-4 596

Section 9T 5S R 96W

API: 05-045-23886

Lat: 39.632192 Long: -108.174711

Garfield County, Colorado.

All Cement pumped is class G cement. Mixed 4.99 gallons fresh water per SK for 15.8 LB cement. 1.15 Yield

**August 7, 2020. Day 1. 7:00 A.M** Safety meeting & JSA. Check pressures, SICP: 100 PSI. SIBH: 0 PSI. Remove frack valve, NUBOP, Spot in base beam, roll off tank, rig tank, frack tank and 2-3/8 work string. RUSU, SIWFN, Lock blind rams. Bull plug all pump & wellhead lines travel home for weekend. 12 P.M

**August 10, 2020. Day 2. 7A.M** Safety meeting & JSA. Check pressures, SICP: 500 PSI. SIBH: 0 PSI. Blow well down to rig tank. Work string 2-3/8" N80 Slim hole collar TBG. TIH picking up (tally & drift on the fly) 237 JTS to tag existing CIBP with cement dump bailed on top. @ 7810'. (4' out on JT 237). Leave 237 in well. Bring on pump & break circulation with 55 BBLS fresh water continue pumping until hole is rolled with fresh water 120 BBLS. Then mix & pump 8 SKS cement = 105' plug. Est. TOC @ 7705'. Displace with 30 BBLS fresh water. TOH laying down 96 JTS putting EOT @ 4652' (141 JTS in well). Bring on pump 20 BBL fresh water lead, then mix & pump 12 SKS = 158' plug. Est. TOC @ 4494'. Displace with 17.5 BBLS fresh water. TOH laying down 29 JTS putting EOT @ 3697' (112 JTS in well) reverse out 20 BBLS fresh water. Then mix & pump 24 SKS = 316' plug with 3% Calcium Chloride mixed in. Est TOC @ 3381'. Displace with 13 BBLS fresh water. TOH laying down 8 JTS & standing 11 stands in derrick. EOT @ 2700'. Reverse out 20 BBLS fresh water. SWIFN. Clean & drain up cement equipment. Travel home

**August 11, 2020. Day 3. 7A.M** Safety meeting & JSA. Check pressures, SICP: 0 PSI. SIBH: 0 PSI. TIH with 109 total JTS to tag TOC @ 3598'. Bad tag hole still open. Wait on orders. Mix & pump 16 SKS = 211' plug with 3% calcium chloride Est TOC @ 3387'. Displace with 13.10 BBLS fresh water. TOH laying down 6 JTS & standing 20 stands in derrick. Leaving 63 JTS in well. EOT @ 2083'. SWI for 4 hours. Check sample, samples hard. TIH with 106 JTS to tag TOC @ 3500'. Hole covered but not high enough cement. Bring on pump & roll hole with 15 BBLS fresh water. Pressure test 4.5" CSG to 350 PSI. after 15 minutes bleed down 10 PSI. good test. Mix & pump 8 SKS = 105' plug displacing with 13 BBLS fresh water. Est. TOC @ 3395'. TOH laying down 34 JTS standing 72 (36 stands) in derrick = 2379'. RUWL, WL RIH & perf 4 holes @ 2551'. POH, RDWL. Bring on pump & try to break circulation down 4.5" CSG & return up 9-5/8" CSG. Pump 100 BBLS total fresh water & got circulation after 55 BBLS. TIH with 73 JTS putting EOT @ 2412'. Bring on pump going down 2-3/8" TBG with 4.5" CSG valve shut & 9-5/8" CSG valve open, pump 10 BBL fresh water lead, then mix & pump 54 SKS. Est TOC @ 2401'. Displace with 9.2 BBLS fresh water. TOH laying all 73 JTS down on TBG float. SWIFN. Clean up cement equipment. Travel home.

**August 12, 2020. Day 4. 7A.M** Safety meeting & JSA. Check pressures, SICP: 0 PSI. SIBH: 0 PSI. RUWL, WL, RIH & perf 4 holes @ 75' (3-1/8" gun 12gram charges) POH, RDWL. Bring on pump going down 4.5" CSG & returning up 9-5/8" CSG with 10 BBLS fresh water to clean up hole. Mix & pump 35 SKS to get cement @ surface in both CSG. SWI. Rig down floor & BOP. RDSU move aside. Dig out & cut wellhead off 4' below surface. Weld on name plate. Back fill. Well is P&A'D. Move all Duco equipment to next destination!!

