



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

Well: N. Parachute MF04D-9 D09

NW/NW Section 9 – T6S – R96W

API: 05-045-16304

Lat: Long:

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

July 20, 2020. Day 1. 8A.M Safety meeting & JSA. Road equipment to location. Dirt pad build up in the road. Remove dirt pad with backhoe. Remove K-Blocks out of rig & TBG float way. Spot in beam, rig pump & tanks. Check pressures. SITP: 185 PSI SICP: 185 PSI SIBH: 250 PSI. RUSU. Blow well down to rig tank. NDWH, Note Bolts was seized up terribly had to hacksaw threw some about 4 hours' worth of NDWH. NU BOP & rig floor with 2-3/8" Handling equipment. Rig up Driven TBG Scanner. TOH laying all TBG down while scanning. Got out with 94 bad JTS, 107n good JTS for a total of 201 JTS in well. SWIFN. Lock blind rams. Bull plug wellhead & pump lines. Travel in.

T&M CHARGES.

4 rig hours moving dirt pad, dealing with seized wellhead bolts.

1.5 backhoe hours for moving cement blocks & dirt pad built up for rig. Dirt pad was too high once beam was set on it to back rig upon.

Total T&M charges for day. \$1247.50

July 21, 2020. Day 2. Safety meeting & JSA. SITP: N/A SICP: 340 PSI. SIBH: 240 PSI. blow well down to rig tank. Well wont die after blowing for 30 minutes wide open. Pump 40 BBL fresh water kill. RUWL, WL RIH with gauge ring to 4221'. POH. Kill well with 20 more BBLS fresh water. WL then RIH with 4.5" CIBP & sets @ 4190', POH, RDWL. TIH (tally & drift on the fly) with 129 JTS (3' in on JT # 129) to tag CIBP @ 4190'. Lay down tag JT leaving EOT @ 4187'. Bring on pump going down 4.5" CSG, returning out 2-3/8" CSG, roll hole with 130 BBLS fresh water (2 CSG volumes). MIT test wellbore to 540 PSI. after 15 minutes Pressure increased 40 pounds. Good test. Bleed off pressure, switch manifold to pump down 2-3/8" TBG & return out 4.5" CSG. Bring on pump with 10 BBL fresh water lead, then mix & pump 16 SKS = 211' balanced plug, Est. TOC @ 3979'. Displace with 15.39 BBLS fresh water. TOH laying down 8 JTS. EOT @ 3926'. Reverse out with 23 BBLS fresh water. Seen a trace of cement in returns. TOH laying down another 58 JTS Leaving 62 JTS in wellbore add 14' of subs putting EOT @ 2045'. Bring on pump going down TBG & returning out CSG with 10 BBL fresh water lead, then mix 13 SKS = 171' balanced plug. Est. TOC @ 1874'. Displace with 7.2 BBLS fresh water. TOH laying down 6 JTS. Finish TOH standing 28 Stands in derrick. SWIFN. Lock blind rams. Bull plug all wellhead & pump lines. Travel in.

No T&M charges today.

July 22, 2020. Day 3 T&M Day. Safety meeting & JSA. SITP: N/A SICP: 0 PSI. SIBH: 20 PSI. Blow down B.H dead in under 1 minute. TIH open ended with 58 JTS to tag TOC @ 1875' (that's 10' in with JT# 58). Good tag. Lay down 9 JTS putting EOT @ 1608' (leaves 49 JTS in well), bring on pump roll hole with 15 BBL fresh water lead, then mix & pump 13 SKS = 171' balanced plug with 3% Calcium Chloride mixed in. Est. TOC @ 1437'. Displace with 5.56 BBLS fresh water.

TOH laying down 7 JTS, finish TOH standing 21 stands in derrick. W.O.C 4 hours. RUWL. WL, RIH & tags TOC @ 1434'. Good tag. WL POH to 1400' & perf 4 holes (3-1/8 gun 12 gram charges) POH. Bring on pump going down 4.5" CSG trying to break circulation up 9-5/8" CSG. But just pressure out to 1800 PSI. bleads off very slow. Try pumping down 9-5/8" CSG & after 4 BBLS pressure out @ 1000 PSI. try each direction 6 times each. Call for orders. WL, RIH & perf @ 1300' 4 holes (3-1/8 gun 12 gram charges) POH. Bring on pump going down 4.5" CSG trying to break circulation up 9-5/8" CSG. But just pressure out to 1800 PSI. bleads off very slow. Try pumping down 9-5/8" CSG & pressure out @ 1000 PSI. try each direction 6 times each. WL RIH & perf @ 1200' 4 holes (3-1/8 gun 12 gram charges) POH. Bring on pump going down 4.5" CSG trying to break circulation up 9-5/8" CSG. But just pressure out to 1800 PSI. bleads off very slow. Try pumping down 9-5/8" CSG & pressure out @ 1000 PSI. try each direction 6 times each. Call for orders. WL, RIH & perf @ 998' 4 holes (3-1/8 gun 12 gram charges) POH. Bring on pump going down 4.5" CSG trying to break circulation up 9-5/8" CSG. Get injection rate of 1.1 BPM @ 2200 PSI. after pumping 100 BBLS with no returns shut down pump. TIH with 44 JTS putting EOT @ 1447'. 47' below bottom perf. Bring on pump breaking circulation up 4.5" CSG after just 1 BBL, then mix & pump 24 SKS = 316' balanced plug. Est. TOC @ 1131' (131' above top perf) displace with 4.37 BBLS fresh water. TOH standing 13 stands in derrick = 858'. Laying down 18 JTS. Bring on pump going down 4.5" CSG with 9-5/8" B.H open. 10 BBL fresh water lead, then mix & pump 55 SKS, displacing with 13 BBLS fresh water. Est. TOC @ 840'. (pump pressure 900 pounds @ .5 BPM mixing speed). SWIFN. Lock blind rams. Bull plug all pump & wellhead lines. Travel in.

July 23, 2020. Day 4 T&M day. Safety meeting & JSA. SITP: N/A SICP: 0 PSI. SIBH: 20 PSI. Blow down B.H dead in under 1 minute. RUWL, WL RIH & tags TOC @ 758'. WL POH to 700' Perf 4 holes (3-1/8" gun 12gram charges) POH. Bring on pump going down 4.5" CSG & try to break circulation up 9-5/8" B.H. Pumped 105 BBLS fresh water with only a trickle of returns. 3 BPM @ 1200 PSI. Then mix & pump 55 SKS cement. Displace with 8.5 BBLS fresh water. Est. TOC @ 550'. SWI for 4 hours. Watch pressure. Builds up to 13 PSI. after 4 hours bleed off pressure. SWIFN. Will get pressure in morning. Clean up equipment. Lock blind rams. Bull plug all pump & wellhead lines. Travel in.

July 24, 2020. Day 5 T&M day. Safety meeting & JSA. SITP: N/A SICP: 0 PSI. SIBH: 13 PSI. Blow down B.H. under 30 seconds. RUWL, WL RIH & tags TOC @ 463' good coverage over squeeze holes. WL POH to 400'. Perf 4 holes (3-1/8" Gun 12gram charges). POH. Bring on pump going down 4.5" CSG & returning up 9-5/8" after 12 BBLS pumped break circulation. Pump a total of 105 BBLS fresh water to clean up wellbore. Then mix & pump 55 SKS cement, with 3% Calcium Chloride mixed in displacing with 3.88 BBLS fresh water. Est. TOC @ 250'. SWI 4 hours. After 4 hours open up B.H & CSG fluid is standing static. No bubbles at all. WL, RIH & perf 4

holes @ 75' (3-1/8" gun. 12gram charges) POH, RDWL. Bring on pump clean hole up with 10 BBLS fresh water, then mix & pump 35 SKS to get cement @ surface in both CSG strings. ND BOP. RDSU. Move aside. Hydro vac wellhead out. Open well 3 hours after cement job. Cement still at surface & standing static. No bubbles at all. Cut wellhead off 4' below surface. Weld on name plate. Back fill. Well is P&A'D. BOOM!! Another one bits the dust..... Move all duco equipment off location on Monday morning.