

DUCO Inc. Day log on the NPR H15 24A-15-596 for Caerus Oil & Gas LLC.

API # 05-045-23857

All Cement used is Class G neat. Mixed with fresh water. Yield 1.15

Yield of 15.8lbs with 3% CC is 1.33

Day 1. September 29, 2022.

SITP: N/A SICP: (4.5") 0 PSI. SIBH: (9-5/8") 36 PSI.

Safety meeting with P&A team & Scott Pitt. Move in rig. Move k-rails 6 off them. Spot beam, RUSU. Secure derrick to beam. Run lines from pump, tank to wellhead. Spot in TBG float. NDWH, NU BOP & Rig floor with 2-3/8" handling equipment. TIH picking up 2-3/8" work string (tally & drift on the fly). Pick up 285 good tag @9224' 8 foot out on joint 285 lay down one joint pick up 20' of subs putting our EOT @9220' bring on pump Mix and pump class g neat 15.8lbs 19sks 3.89 slurry 249' plug in the 4 1/2 csg TOC @8971' displacing with 34.7bbls TOO H standing back 60

Duco Note. T and M 3 hour for tally pipe **backhoe** charge moving k rails and moving dirt to RU had to move dirt so that the rig could get positioned on beam

Day 2. September 30, 2022.

SITP: N/A SICP: (4.5') 40PSI SIBH: (9-5/8') slight blow not enough to read on gage

Safety meeting with P&A team & Scott Pitt. Check pressures, TOO H standing back 34 and LD 98

RU wireline run down to 6064' shoot holes, TOO H and RD wireline, TIH with 94 stands add 24' of subs (6115') Pump water try to brake circulation down tubing up breaching head, (took 4bbls to fill tubing and 4 1/5 6bbls to brake circulation and circulate 6bbls total of 16bbls) pumped 10bbls down tubing up breaching head @ 1500 psi 1.2bbls/min, stopped for 45 min wait on orders, pump 24 sks of class g neat (4.9bbls) down tubing and displace it with 22.6bbls, LD 12 jtc and stood back in derrick 20, reverse circulate 20bbls, shut in csg and pressure up to 400 psi and shut well in overnight.

Duco Note. T and M 45 min for orders shut down early for tag

Day 3. October 1, 2022.

SITP: 0 SICP: (4.5') 0PSI SIBH: (9-5/8') 0

Safety meeting with P&A team & Scott Pitt. Check pressures, TIH Tag TOC@ 5929' good tag joint 183 3' out psi test csg 400psi for 15 min good test wait on orders 1 hour Start TOO H with TBG shut down for

lighting 30 min and heavy rain stand back 88 stands in derrick RU WL shoot 4 holes per foot @5803' RD WL TIH with 182 joints EOT @5900 we are 29' above the TOC Breaking cir with 10 bbls shut in csg pump away 1 bbls of fresh water psi up to 1500psi At ½ bbl a min shut in pump psi bleed down from 1500 to 1200psi in 5 min 700 psi in 10 min bleed off to tank bring on cmt pump EOT 5900' Mix and pump 49 sks 10.03 slurry 647' plug in 4 ½ csg 15.8lbs class g neat 1.15 yield Est TOC 5253' displacing with 20.48 fresh water stand back 20 stands EOT 4645' Reverse out 23 bbls of fresh water SIWFN clean up travel home.

Duco note: t and m 1 hour for waiting on orders and 30 min for waiting on weather and lighting

Day 4. October 2, 2022.

SITP: 300 psi SICP: (4.5') 300 PSI SIBH: (9-5/8') 10 psi

Safety meeting with P&A team & Scott Pitt. Check pressures, TIH Tag TOC@ 5253 good tag right on depth TOOH standing back 65 in derrick ready for next plug lay down remain tbg on trailer RU WL shoot holes @ 4065' RD WL TIH with TBG 4114' with 12' sub and 10' perf sub on bottom joint 126 bring on pump 2bbls min away psi up to 1400 psi 15 bbls total shut down pump 800 psi leak off to 525 psi in 5 min 475psi in 10 min 425psi in 15 min bleed off and get back 9 bbls wait on orders 1 hour wait Mix and pump 40 sks 8.18 slurry 528' plug in the 4 ½ csg class g neat cmt 15.8lbs 1.15 yield Est TOC 3587 displacing with 13.98 bbls stand back 20 in derrick reverse out 20 bbls shut in csg apply 500 psi on well SIWFN done with hitch make sure location is picked up and free of any trash and well is double secured with 2 vales per csg surface and blinds are shut return for next shift on 10-10-22

Day 5. October 10, 2022.

SITP: 40 psi SICP: (4.5') 40 PSI SIBH: (9-5/8') 20 psi

Safety meeting with P&A team & Scott Pitt. Check pressures, TIH Tag TOC@3973 squeezed 386' 5.98 slurry into the annulus 109' In the 4 ½ csg psi test CSG to 460 15 min pass wait on orders 1 hour stand back 53 in derrick EOT @3462' RU WL shoot holes @3454' 4 holes per foot RD WL TIH with 107 joints and 10' sub 10' perforated sub on bottom break cir shut in csg get injection rate 1 bbls min 820psi SD pump leak off to 300psi in 5 min down to 250psi in 15 min Mix and pump #5 73sks 14.95 slurry with 3% cc 964' plug in the 4 ½ csg 1.15 yield 15.8lbs E TOC 2541' displace with 9.86bbls stand back 20 stands EOT 2194' break cir with 6 bbls reverse out 10bbls SI TBG squeeze 8 bbls in annulus lock up @1500 psi bleed back to 500 psi SWI wait 3.5 hours Tag TOC @3115' placing 6.06 bbls in 4 ½ csg 309' plug 8.89 bbls in annulus 162' plug on back side stand back 38 stands in derrick LD everything else SIWFN clean up and travel back to hotel.

Day 6. October 11, 2022.

SITP: N/A psi SICP: (4.5') 0 PSI SIBH: (9-5/8') 10 psi

Safety meeting with P&A team & Scott Pitt. Check pressures, Check pressures, Tbg N/A psi, Csg 0 psi, BH RU WL Shoot 4 hole @ 2441' POOH R/D WL, TIH 76 jt's = 2491' - Break circulation up 4-1/2 csg w/17

bbl's and have very good blow on surface csg, pump additional 56 bbl's and break circulation up 9-5/8 surface csg, pump additional 57 bbl's cleaning up 9-5/8 surface csg. getting 9# mud in returns. pumped 133 bbl's of FW up 9-5/8, (130 bbl's total job. - **Plug #6** Mix & pump 59 sks = 12.08 slurry w/3% Calcium = 200" plug in 4-1/2 csg (3.1 bbl's) & 150' plug in 9-5/8 surface csg (8.98 bbl's) w/Class G cement, 1.15 yield, 15.8# per gal, E-TOC 2291' Displace 8.93 bbl's FW. Had good returns on 9-5/8 & 4-1/2 during cement job. - Stand back 76 jt's in derrick (38 stands) =2491' - Wait 3.5 hrs for cement to set up - TIH tag TOC on jt 68 15 in 2209' 82' high from E-TOC @ 2291' 282' plug in 4-1/2 & 136' plug in annulus. (86' plug above surface shoe) - L/D all tbg 76 jt's - Pressure test plug & csg 475 psi for 15 min. Pass no leak off, bleed off. - MIRU RMWS. M/U CCL, Wt bar, 3-1/8 gun, .73 EH, 12-gram charge, 6" penetration, shoot 4 hole @ 75' POOH, R/D RMWS.- Close blind rams, break circulation down 4-1/2 & up 9-5/8 surface csg. pump 8 bbl's. - R/D handling equipment & rig floor. - N/D BOP's install wellhead. - R/D Duco #7 & move - **Plug #7** Mix & pump 36 sks = 7.37 slurry down 4-1/2 csg & up 9-5/8 surface csg w/Class G cement, 1.15 yield, 15.8# per gal, good cement surface to surface. S/D pump close in well, clean up pump. Move tbg & BOP trailers, move base beam, load beam. clean location, spot k-rails. - Ready for rig move to 696-5C-15.- Well Shut In. P&A complete.