



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

Well: Double Willow Unit 8607A G02 497

Section 2 T4S R 97W

API: 05-045-10473

COC# 65564

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

All MUD Pumped is QUIK-GEL-BAR added to fresh water 1 50LB SK mixes 2 BBLS fresh water to 9LB mud

August 25, 2020. Day 1. 1P.M Safety meeting & JSA. Mob all equipment plus frac tank to location. Check pressures. SITP: 0 PSI. SICP: 0 PSI. SIBH: 0PSI. Remove fence & fence post from in front of wellhead, remove pipe guard from in front of wellhead, remove solar panel & chemical tank from next to wellhead. Spot in rig beam, RUSU. Spot in 3 tanks, pod trailer & cement pump. Run pump & return lines. SWIFN. Will have scanners in A.M to scan out of hole. Travel time.

August 26, 2020. Day 2. 7A.M. T&M day Hole hunting. Travel time. Safety meeting & JSA. Check pressures. SITP: 0 PSI. SICP: 0 PSI. SIBH: 0PSI. NDWH, NU BOP & rig floor with 2-3/8" handling equipment. Rig up PRS TBG scanners. TOH scanning & laying down all 2-3/8" TBG out of hole. While winch truck runs back up on top & gets work string TBG. 3hour round trip. Get out of hole & laid down. Move TBG float. Spot in 2-3/8" N80 EUE work string. RUWL. WL, RIH with G.R to 8000'. POH. WL, RIH & sets CIBP @ 7950'. POH, RDWL. Bring on pump & fill hole with 12 BBLS fresh water. Try to MIT test well. But get injection rate of 4 BPM @ 0 PSI. Hole in CSG. Note: hole fills up & fluid drops fast. TIH open ended picking up pipe (Tally & drift on the fly) with 50 JTS. EOT @ 1633' for night. SWIFN. Lock pipe rams. Night cap all wellhead & pump lines. Travel time. Phone call from Darie Roehm saying will TOH & run PKR in A.M to locate hole.

August 27, 2020. Day 3. 7A.M Travel time. Safety meeting & JSA. Check pressures. SITP: 0 PSI. SICP: 0 PSI. SIBH: 0PSI. TOH standing 25 stands in derrick. Pick up Tension PKR. TIH (tally & drift on the fly) with 163 JTS to put PKR @ 5323'. Test down CSG. Leak. Test down TBG. Held solid. TOH setting PKR a dozen times to pin point holes from 726' down to 792'. TOH lay down PKR. TIH with 164 JTS out of derrick. Then pick up another 79 JTS for a total of 243 JTS in well to tag CIBP set @ 7950'. Bring on pump & break circulation with 35 BBLS fresh water, then mix & pump 12 SKS = 158' plug. Est. TOC @ 7792'. Displace with 30.15 BBLS fresh water. TOH laying down 6 JTS. & standing 30 stands in derrick. Leaves 177 JTS in well. EOT @ 5770' SWIFN. Lock pipe rams. Night cap all wellhead & pump lines. Travel home. Waiting on Orders to proceed with P&A procedure.

August 28, 2020. Day 4. 7A.M Travel time. Safety meeting & JSA. Check pressures. SITP: 0 PSI. SICP: 0 PSI. SIBH: 0PSI. TIH & tag TOC @ 7800'. (JT #237) good tag. Mix & pump 14.7 BBLS 9LB mud (8 SKS Quik-Gel-Bar) spotting a 949' mud stabilizer plug from 7800' up to 6851'. TOH laying down 27 JTS putting EOT @ 6851'. (210 JTS in wellbore). Bring on pump with 10 BBL fresh water lead, then mix & pump 25 SKS = 329' cement plug. Est. TOC @ 6522'. Displace with

25.24 BBLS fresh water. TOH laying down 10 JTS. & standing 25 stands in derrick. EOT @ 4890'. W.O.C 4 hours. TIH & tag TOC @ 6509'. Good tag. (6' in on JT #200). Lay down tag JT. Mix & pump 8.4 BBLS 9LB mud (5 SKS Quik-Gel-Bar) putting a 541' mud stabilizer plug from 6509' up to 5981. TOH laying down 16 JTS. Leaving 183 JTS in well putting EOT @ 5980'. Bring on pump with 10 BBL fresh water lead, then mix & pump 13 SKS cement = 171' plug. Est. TOC @ 5819'. Displace with 22.51 BBLS fresh water. TOH laying down 5 JTS & standing 25 stands in derrick. EOT @ 4172'. (128 JTS in wellbore). SWIFWE. Lock pipe rams. Bull plug all wellhead & pump lines. Secure location. Travel home.

August 31, 2020. Day 5. 7A.M Travel time. Safety meeting & JSA. Check pressures. Erica Miller with BLM rep. was on location to witness cement volumes & cement weights. Along with mud weights & volumes. SITP: 0 PSI. SICP: 0 PSI. SIBH: 0 PSI. TIH & tag TOC @ 5790' (tag with JT# 178 20' in). lay down tag JT. Add 18' of sub. Putting EOT @ 5788'. Bring on pump with 10 BBL fresh water lead, then mix & pump 7.5 BBLS 9LB mud (4 SKS Quik-Gel-Bar) for a 488' mud stabilizer plug from 5782' up to 5315'. Displace with 20.5 BBLS fresh water. TOH laying down 14 JTS putting EOT @ 5315' (163 JTS in wellbore) bring on pump with 10 BBL fresh water lead, then mix & pump 13 SKS = 171' cement plug. Est TOC @ 5144'. TOH laying down 6 JTS. Reverse out with 20 BBLS fresh water. Then mix 40 BBLS 9LB mud (20 SKS Quik-Gel-Bar) putting a 2551' mud stabilizer plug from 5144' up to 2557'. Displace with 9.93 BBLS fresh water. TOH laying down 79 JTS & standing 39 Stands in derrick = 2535'. RUWL. WL, RIH & perf 4 holes @ 2510'. POH. WL, RIH & perf 4 holes @ 910'. POH, RDWL. TIH 79 JTS putting EOT @ 2568'. Shut both CSG valves & get 4 BPM @ 600 PSI in to perf holes. Then mix & pump 137 SKS cement, pump first 14 BBLS with B.H shut, then open B.H & shut production CSG. Est. TOC @ 2357'. Displace with 8.5 BBLS fresh water. Let equalize. Coming pretty good back up TBG. TOH laying down 9 JTS & standing 35 stands back. 2275'. W.O.C 3 hours. TIH & tag TOC way high @ 1383' (10' in on JT # 43). TOH laying down extra TBG. TIH with remaining 14 stands. EOT @ 1373' (42 JTS in) 5 BBL lead, then mix & pump 7.6 BBLS mud (4 SKS Quik-Gel-Bar) displace with 3.5 BBLS fresh water. Putting a 496' mud spacer from 1383' up to 960'. TOH laying down 14 JTS. Leaving 29 JTS in well bore. EOT @ 959'. 10 BBL lead, then mix & pump 117 SKS. Est. TOC @ 590'. Displace with 2.21 BBLS fresh water. TOH, laying 11 JTS down & standing 9 stands in derrick. SWIFN.

September 1, 2020. Day 6. 7A.M Travel time. Safety meeting & JSA. Check pressures. Erica Miller with BLM rep. was on location to witness cement volumes & cement weights. Along with mud weights & volumes. SITP: 0 PSI. SICP: 0 PSI. SIBH: 0 PSI. TIH & tag TOC @ 748' (tag with JT# 23. 5' out). lay down tag JT. Add subs to get EOT @ 746'. Bring on pump roll hole 20 BBLS fresh water. Pressure test 4.5" CSG to 520 PSI. held great. Mix & pump 12 SKS =151' cement plug to get cement top way above hole. Est. TOC @ 597'. Displace with 2.31 BBLS fresh water. TOH laying down 6 JTS. Reverse out with 8 BBLS fresh water, then mix & pump 8 BBLS 9LB mud stabilizer plug from 597' up to 75'. Displace with .3 BBL fresh water. TOH laying all TBG down on float. Move TBG float off location. RUWL, WL, RIH & perf 4 holes @ 75'. POH, RDWL. Bring on

pump & roll hole with 10 BBLs fresh water. Then mix & pump 35 SKS cement to get great cement returns @ Surface in both CSG. RD floor & BOP. SWI. RDSU, move off location. Dig wellhead down 4' below surface & cut wellhead off 4' below surface. No Cement in sight. Mix 30 SKS and pump down wellbore in both 9-5/8" & 4.5" CSG. Falls back. Add 20 more SKS and pump down well bore. Well is standing static full of cement. Weld on name plate. Back fill wellhead area. Well is P&A'D. Move all Duco Inc. equipment off location.