

Snow Consulting & Services, Inc
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Parachute, Co 81635

Plugging Report

Ester #1

January 19, 2020

Thru

January 24, 2020

Ester #1

January 19, 2020 Sunday

MI and started spotting equipment, worked until the mud thawed and road and location became slick.

January 20, 2020 Monday

Move in RU PWS rig #66. Spotted in remainder of equipment and work string. Removed well head swage. NU with a companion flange and 7-1/16" 5K BOP. PU a 3/3-4" bit, 4-1/2 casing scraper, tallied and RIH with 2-3/8" tbg to 3215'. POOH with tbg. (Well appeared to be nearly full of fluid) Laid down bit, scraper. PU and RIH with a 4-1/2" CIBP on tbg, set plug at 3200'. Land EOT at 3196'. SWI, sdfn.

January 21, 2020 Tuesday

RU pump, pumped 10 bbls water, no returns, RU to mix cement, Mix and pump 25 sks type 2 cement, Displace with 11 bbls water, Well circulated after starting displacement. POOH with tbg, laid down setting tool. PU and RIH with a CIBP on tbg and set at 2550'. Land EOT at 2547'. Mix and pump 10 sks type 2 cement, Displace with 9.5 bbls water. POOH with tbg, land down setting tool. RU RMWS, RIH with CBL tools, pulled CBL from 2350' to surface. Cement top at 2100'. (unable to determine the present of 7" casing behind 4-1/2" casing from log.) Bled off Braden Head, Cut a 1-1/2" by 3" hole in orange peel of 9-5/8" casing, lowered a light in about 3' and took pictures, no 7" casing visible. Lowered a tag line into surface pipe and tagged at about 50'. Welded a patch over the hole in orange peel. RIH with tbg to 2200'. RU pump, broke circulation, mix and pump 15 sks type 2 cement and displaced with 7.5 bbls water. POOH with tbg. SWI, sdfn.

January 22, 2020 Wednesday

Laid down extra tubing. RIH with 2-3/8" tbg, tagged plug #3 at 2044'. POOH laid down extra tubing. PU, RIH with a 4-1/2" 32A tension packer and tested casing for holes. Casing tested below holes at 1227' and above holes at 462' with pin holes above 462'. RU RMWS, RIH and perforated at 1315'. RIH with 4-1/2" CICR and set at 1232'. Mix and pumped 60 sks type 2 cement, Cement bridged off with 2 bbls past retainer, sting out of retainer and pressured string to 3000 psi. POOH with tbg and drained slurry into cellar around well head. Washed down rig and rig floor, tongs and slips with water to clean up. Picked up extra stringer and trip into well. Sting in and broke circulation. Mixed and added additional 20 sks to cement mix, pumped and displaced with 3.9 bbls water, sting out and left 1-3/4 bbls cement on top of retainer. POOH with tbg. RU RMWS, RIH and perforated at 1005'. RIH and set a 4-1/2" CICR at 976'. SWI, sdfn.

January 23, 2020 Thursday

RU pump, broke circulation, mix and pump 50 sks type 2 cement, displaced with 3 bbls water, sting out of retainer, pumped additional 3/4 bbl water, and left 1-1/4 bbls slurry on top of retainer. POOH with tbg. RU RMWS, RIH and perforated at 550'. RIH with 4-1/2" CICR and set at 450'. RU pump, Mix and pump 50 sks type 2 cement and displace with 1.6 bbls water, sting out and left 1/4 bbl slurry on top of retainer. POOH with tbg and laid down. RU RMWS, RIH and perforated at 200'. RD RMWS. RU pump and broke circulation thru 4-1/2" casing and took returns thru braden head valve. ND BOP and NU with a 4-1/2" circulating swage. RU pump, mix and pump 80 sks type 2 cement, did not recover cement to surface. Mix and pump additional 10 sks and had cement returns to surface. SWI. WOC. RDSU, cleaned up pump lines and equipment. Excavated around well head to 5'. Cut off surface casing and 4-1/2" casing. Cement had fallen about 10'. Hand mix 4 sks cement to top fill casing to surface. Install Dry hole marker plate. Back fill cellar with a steel post sticking above ground level directly over the well bore. Continued cleaning up and prepping to move equipment out in the am on the frost. Sdfn.

Janu 24, 2020 Friday

Move equipment off site. Excavated 2" plastic flowline to edge of location and cut off. Capped with a 2" PVC cap welded on with PVC glue. Back filled trench and completed clean up of pad.