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Plugging Report
Govt. Baker #1A

June 21, 2019
Thru
July 8 , 2019

Govt. Baker #1A

June 21, 2019 Friday

Ru with hydro vac and cleaned out to about 10', Found a Surface pipe with 4-1/2" casing welded to the surface casing about 6" below water level. Water was flowing up the outside of the surface casing and a 2x4 piece of wood sticking out of the 4-1/2" casing, tried to remove and it broke off.

July 2, 2019 Tuesday

Move equipment and Rig. RU service unit, pump, mixer and tanks. PU a joint of 2-7/8" tbg with the bottom slotted for 5' with gators cut in slot to grab. Slipped it over the wood and pulled out about a 4' piece of what appeared to be a wooden post. Tagged in casing at 4' and rotated tbg, pulled and looked like cement on end of pipe. Laid down 2-7/8" fishing tube. PU a 3-3/4" bit, 3-1/8" drill collar, RU to drill, circulated and drilled about 35', picked up 2nd collar, rotated and circulated and run in without drilling. Swiveled in tbg to 312', RD swivel and RIH to a tag at 780' with bit. POOH with tbg, laid down collars, string pulled over at 414'. RU wireline, Run in caliper tool, tagged at 183', pulled caliper log, well making too much gas to run a CBL. RIH with 1-11/16" CCL and weight bar to tag at 525' pulled CCL, logged casing collars. RIH with tbg to 765' Circulated in a dye sweep and circulated until dye back to surface. Well volume 65 to 75 bbls best guess. POOH with tbg, Tbg collars hanging up on a casing bottom up to approximately 350'. SDF night

July 3, 2019 Wednesday

Well still flowing. RU wireline, RIH with 2-1/2" gun. Tagged at 260'. POOH, PU and run a 3-1/8" gun past 300'. Perforated at 291' with 4 JS. RIH with tbg to 765'. Circulated in 90 bbls of 9.4# brine and followed it with 250 sks type 2 cement, with cacl₂ in 1st 75 sks. Displace with 2.5 bbls water. POOH with tbg. WOC for 3 hrs. Filled well after 2 hrs, 5 bbls to fill 4-1/2" casing. Cellar remained full the entire time. Well appeared to be totally dead, no water flow or gas

coming to surface. RIH with tbg, tagged at 370'. Land EOT at 362' Mix and pumped 188 sks type 2 cement, had cement returns with 165 sks pumped. Pumped remainder of cement and displaced with 1 bbl water. POOH with tbg. SDF the holiday, resume operations on Friday July 5th.

July 5, 2019. Friday

Well had bubbles coming to surface on the 4-1/2" casing. Cut a hole in the top of the surface casing, found oil, tagged cement at about 9' with a joint of 1/2" plastic tbg. Displaced the oil out with water. Surface casing also had bubbles coming to surface. PU a 3-3/4" bit, drill collar and drilled out 4-1/2" casing to 31'. Bubbles disappeared after drilling and top filling well with water. Shut down operations until Monday to see if the bubbles dissipated.

July 7, 2019, Sunday

Checked well, bubbles still coming to surface on both sides of 4-1/2 casing.

July 8, 2019, Monday

RU Wireline, perforated at 20' with 4 JS, casing punctures. Weld on a new 4-1/2" casing collar on top of existing collar. RU pump, injected water into 4-1/2" casing at 500, 1000, and 1500 psi. Rate up to 1/4 bpm. Water came to surface outside of surface casing north side of well, and under rig beam. Mix and pumped 10 sks cement with 3%+ calc2 and pumped into well. Cement returns under rig beam with 8 sks pumped, Pump in pressure 700 psi. Isip 0, pumped remainder of cement and 1/2 bbl water. SWI and cleaned up hose and equipment. Hooked up to well and pumped 1/4 bbl water. WOC for 2 hrs. RD from well. Bubbles stopped in 4-1/2 casing and in the surface pipe. Excavated cellar, Cut off casing strings. Cement tagged 1' below cut in surface and 7' down in 4-1/2 casing. Mixed up and topped out casing strings with 1 sk cement. Install dry hole marker and back filled cellar.