

**Snow Consulting & Services, Inc**

**808 CR 215**

**Parachute, Co 81635**

**Plugging Report**

**Buckeye #2**

**July 12, 2022**

**Thru**

**August 9, 2022**

## Buckeye #2

### July 12, 2022 Tuesday

Move in track hoe, prepped location, MI trailer #235 for a work platform for the Clevco track rig. Drilled approximately 6' and had water returns to surface. Drilled and run bit to 72' POOH with drill pipe. Cut off 10-3/4" pipe 1' above ground level. Removed with a 6" casing stub cemented inside. Found a different size surface pipe, 9" and a smaller size long string inside that had damage from drilling out at surface. Dug a small cellar around the well, removed the remainder of the 10-3/4 pipe, approximately 2'. Removed another 1' of the messed up casing at surface with torch. (trace of burnable gas) RIH with 4" bit, tag and clean out soft fill to 87', circulate with air and blew water out of well several times. Was able to see clean ID in casing starting at about 20'. Well kept filling up with water. Recovered about 40 bbls water with vac truck. MI and set frac tank and rig up 2" trash pump, pumped water to tank, left pump running. Checked pump at 8 pm, well had quit flowing water.

July 13, thru the 17<sup>th</sup>, Checked well twice daily, Fluid level staying about 6' from surface, trace of bubbles in the well

### July 18, 2022, Monday

MI, RU drill, (Clevco), PU a 4-5/8" string mill and attempted to clean up bad casing, drill for approximately 2 hrs, and cleaned up about 2' of the casing top. Lost the hydraulics on the rig. Released rig for repairs. Set work skid over the cellar and RU RMWS with a crane truck. PU 4 joints 2-3/8" tbg, tagged and circulated down to a hard tag at 114'. Laid down tbg, filled well with water.

July 19, 2022 Tuesday

Water level at 6' with bubbles. RU compressor and dropped a hose to 60' and blew water out of well. Looked at bad casing and decided not to run WL tools into well bore. Made up 60' of ¾" PVC and run in annulus of Long string pipe, tagged up at 55'. SD ops until rig is repaired.

July 21, 2022 Thursday

RU Drill and drilled on casing top with string mill, caught and rolled in another piece of the bad casing top. SD drilling on the pipe. Excavated down to 6', Cut off 9" surface pipe and 6' of damaged long string casing. Run CBL, Bubbles appeared to be coming into well at TD. Shut down ops, until a long cutting torch was located. Determined the Long String casing was 6" OD.

July 28, 2022 Thursday

Found a cutting torch with a 36" reach, Was able to cut off the bad casing down to the 1<sup>st</sup> casing collar in the 6" and remove. Dropped off Casing packer cup at machine shop to build a mandrel and trim down to 5-3/4" OD.

August 2, 2022 Tuesday

RU Drill, PU 4-5/8" string mill and cleaned up a metal wicker sticking out in casing at top of 1<sup>st</sup> casing collar. PU a packer casing cup turned down to 5-3/4" OD and RIH on 2-3/8" tbg to 63'. Pushed cup thru bad casing from 15' to 45', traveled with tbg weight after 45'. RIH with ¾" PVC tbg behind 6" pipe and 1" PVC to tag on packer cup at 63'. Pumped 1 bbl slurry in ¾" pipe and 3-1/4 bbls with 5% cacl-2 down 1" on top of packer cup. Well did not fill up WOC, flowing clear water and bubbles up tbg. Tag at 60' with 1" PVC, Mix and pump 17 sks with 1.5% Cacl-2 WOC for ¾ hr. Tag in 36' inside 6" casing, Mix and pump 18 sks thru 1" PVC, well did not fill up, could hear cement falling into 6" annulus and going down hole. SDFN. WOC Tbg flowing colored water, Left pump running and sucking water from tbg, sending to frac tank.

August 3, 2022 Wednesday

Tag behind 6" pipe still at 55', Tag inside 6" at 30', Tag thru tbg with string line at 114'. Fluid level at 20'. Land 3/4" PVC at 55' in 6" annulus, mix and pump 20 sks with 3% cacl-2, no returns in annulus. 2-3/8" tbg flowing colored water. WOC. Mix and pump 25 sks with 2% cacl-2 thru 3/4" PVC landed at 55'. WOC, Mix a 10 bbls LCM pill followed with 15 sks thru PVC and circulated cement to surface.

August 4, 2022 Thursday

Annulus stayed full of cement. Tag thru tbg still at 114'. RU Clevco Grout pump and injected 1 bbl water at 175 psi, pressure 0 psi in 5 minutes. Mix and pump 12 sks cement, injected into well at 150 to 175 psi, filled and pressured in the last 3 sks at 230 psi. SWI. On a vacuum after about 5 minutes.

August 5, 2022, Friday

Cleaned up location and moved off equipment. Cut off 2-3/8" tbg, tag in tbg 20' Hand mixed and top fill tbg with cement, less than a sack.

August 9, 2022 Thursday

Installed dry hole marker plate and back filled cellar.