

Pilot Water

UL 7-17-2 SWD Drilling Reports

7/6/24

Begin Rig MOB

7/7/24

Continue rig up. Fill water tank and mud tanks. Install high pressure hoses. Rig up cellar hoses & pumps. Troubleshooting grabber box on top drive. (Notified TRRC of our intent to spud, run casing & pump cement 14:00 7/6/24 operator #22 Sam). Rig accepted at 18:00 7/7/24. Perform pre-spud inspection & make corrections.

PJSM with rig crew and directional. Pick up BHA and scribe. Install MWD Tool. Fill and tag bottom at 95'.

Drill 17.5" surface F/ 95' T/ 471' staging parameters up. 400-700 GPM, 5-30 WOB, 1-12 TRQ, 15-70 RPM. Well walking west @ 2.7* INC. Maintain MW 8.5-9.3 PPG, 35-45 VIS dilute with FW as needed.

Drill 17.5" surface F/ 471' T/ 1045' with 700 GPM, 25-30 WOB, 8-12 TRQ, 70 RPM. Well walking west @ 2.7* INC. Maintain MW 8.5-9.3 PPG, 35-45 VIS dilute with FW as needed.

Rig service, Grease top drive and blocks, check oils.

Drill 17.5" surface F/ 1045' T/ 1110' with 700 GPM, 25-30 WOB, 8-12 TRQ, 70 RPM. Well walking west @ 2.7* INC. Maintain MW 8.5-9.3 PPG, 35-45 VIS dilute with FW as needed. Add starch at 900' to active system.

7/8/24

Drill 17.5" surface F/ 1,110' T/ 1,142' with 700 GPM, 25-30 WOB, 8-12 TRQ, 70 RPM. Well walking west @ 2.7* INC. Maintain MW 8.5-9.3 PPG, 35-45 VIS dilute with FW as needed. Add starch at 900' to active system.

Pump 2-hi vis sweeps surface to surface. Circulate shakers clean.

Trip out of hole from 1,142' to BHA for wiper trip. Back ream tight spots. (Casing crew delayed due to blown radiator hose on tong truck).

Trip in hole from BHA to 1,142'. (Casing crew delayed due to blown radiator hose on tong truck).

Pump 1-hi vis sweeps surface to surface. Circulate shakers clean.

Trip out of hole from 1,142' to 1,048'.

Replace damaged hydraulic hose on top drive. (Circulate at 420 gpm).

Continue trip out of hole from 1,048' to BHA

Rack back MWD tool, lay down shock sub, motor & bit. Graded bit 1-3. No visual damage to motor or shock sub.

Clean rig floor and prep for casing crew.

Held PJSM with Protorque. Rig up casing running equipment. Make up pre-bucked shoe track. Function test floats. Run 29 joints of 13 3/8", 54.5#, J-55 surface casing with 14 centralizers to 1,126'.

Land casing out and circulate BU.

PJSM with HES, rig crew and 3rd party. Rig up cement iron and test lines. Pump 24bbls pre flush, 20bbls gel spacer, 280bbls @13.5# lead, 118bbls @14.8 tail. drop plug and displace. FCP = 400 psi, bump and held 1000 psi. floats held cement to surface. (watch sample for adequate thickening to cut casing and set wellhead)

WOC check every 30 min for firm cement sample. Rig down HES, and shalestone. Clean pits. Prep to set wellhead and NU BOP.

Cut conductor and casing, set wellhead and orient. Weld wellhead on surface casing.