

REENTRY PROCEDURE

WELL NAME: State-SLW Ranch #01 **DATE:** 3/17/2015
LOCATION:
Qtr/Qtr: NENE Section: 18 Township: 5N Range: 63W
COUNTY: WELD **STATE:** CO **API #:** 05-123-05187

ENGINEER: Hunter Dunham 7 Day Notice Sent: _____
(Please notify Engineer of any major Do not start operations until: _____
changes prior to work) Notice Expires: _____

OBJECTIVE: Reenter and re-plug

WELL DATA: Surface Csg: 10 3/4" @ 300' KB Elevation: _____
Surface Cmt: Unknown GL Elevation: 4660'
Long St Csg: 8 3/4" open hole? (No details on bit size) TD: 7218'
Long St Cmt: none PBTD: _____
Long St Date: 12/1/1951

Plug Info (1) 150sxs from 300' to surface
Plug Info (2) Cement plug at top
Plug Info (3) _____
Plug Info (4) _____

Tubing: _____ Rods: _____
Pump: _____
Misc.: **Base Fox Hills 310', Deepest water well 60'**

WELL STATUS: Well Abandoned 12/11/1951

COMMENTS: LIMITED PLUGGING DATA ON RECORD, PROCEED WITH CAUTION

PROCEDURE:

- 1) Survey and locate abandoned well, mark with stake
- 2) Excavate to expose top of surface casing
- 3) Weld 2" collar to top of 10 3/4" surface casing cap. Make up to collar, pneumatic drill with non-sparking bit. Drill out cap venting possible trapped gas.
- 4) Once verified that no gas exists beneath top of surface casing plate, cut off surface casing below plate with torch, dress up smooth.
- 5) Butt weld 10 3/4" casing to dressed cut, bringing threaded end of casing to ground level.
- 6) Make up to 10 3/4" casing, one 10 3/4" collar and 10 3/4" starter well head
- 7) NU flange adaptor and 5k BOP, test BOP.
- 8) NU and RIH with 6 7/8" cone bit, PU 2 7/8" drill collar, 2 7/8" 8.7# tubing, and TIW valve
- 9) Drill out first cement plug inside surface casing, roll hole clean. Assume pressure under surface casing shoe
- 10) RIH and set RBP inside surface casing
- 11) Once isolation of surface casing is established, pressure test surface casing to 200psi
- 12) After pressure test of surface casing, retrieve RBP.
- 14) Continue RIH, cleaning out with drilling mud or water to 3000'. If unable to reach this depth contact rig superintendent and wait for further instruction.
- 15) TOO H with cone bit, drill collars, and 2 7/8" tubing.
- 16) RIH with CIBP and set at 3000'.
- 17) RU cement crew and pump 135sk 15.8 ppg Class G "neat" cement to 2700'
- 18) POOH to 450' (100' below base of fresh water aquifer @ 310')
- 19) RU cement crew and pump 230 sxs of 15.8ppg Class G "neat" cement bring cement to surface. 25% excess cement assumed
- 20) POOH with 2 7/8" tubing. Wait 4 hrs, and tag TOC. If cement has fallen, top off back to surface
- 21) Let cement set over night, verify cement has not settled and is still at surface. RDMO
- 22) Excavate around wellhead to 8' below grade, cut off 10 3/4" casing, weld on cap
- 23) Backfill hole and reclaim surface to original conditions