

REENTRY PROCEDURE

WELL NAME: Fairmeadow Land CO 01 DATE: 12/18/2014
 LOCATION: Qtr/Qtr: NESE Section: 25 Township: 6N Range: 64W
 COUNTY: WELD STATE: CO API #: 05-123-07163

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: 8 5/8" 24# 182' KB Elevation: 4646'
 Surface Cmt: ? GL Elevation: 4636'
 Long St Csg: 7 7/8" open hole to 6295'; 4 1/2" 10.5# to TD TD: 7390'
 Long St Cmt: 200 sx - TOC 6295' PBTD: _____
 Long St Date: 5/23/1970
 Plug Info (1) CIBP + 5 sx @ 7213'
 Plug Info (2) 10 sx 173'
 Plug Info (3) 5 sx @ surface
 Plug Info (4) _____
 Tubing: _____ Rods: _____
 Pump: _____
 Misc.: Base Fox Hills 338', Deepest water well 700'

WELL STATUS: Well Abandoned 11/01/1970

COMMENTS: Plugging report states: Location has been graded and returned to original contour

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 8 5/8" 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 8 5/8" casing to dressed cut, bringing threaded end of casing to ground level.
- 6) Make up to 8 5/8" casing, one 8 5/8" collar and 8 5/8" 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. Verify top of next cement plug inside of surface casing by tagging (TOC @ 173ft).
- 10) If unable to verify isolation of surface casing with tag of cement plug, set RBP inside surface casing
- 11) Once isolation of surface casing is established, either with tagging of surface plug or setting of RBP, pressure test surface casing to 200psi
- 12) After pressure test of surface casing, retrieve RBP or continue drill out of cement plug under surface casing shoe.
- 13) Assume pressure under surface casing shoe, roll hole with kill fluid until well dead, or blow down.
- 14) Continue RIH, cleaning out with drilling mud or water to 4000'
- 15) Circulate 2x hole volume (500bbl) to condition hole
- 16) TOOH with cone bit, drill collars, and 2 7/8" tubing.
- 17) PU and RIH with mule shoe and 2 7/8" tubing to 4000'.
- 18) RU cement crew and pump a balanced plug of 100sk 15.8 ppg Class G "neat" cement
- 19) POOH to 800ft (100ft deeper than deepest water well)
- 20) RU cement crew and pump 250 sxs of 15.8ppg Class G "neat" cement bring cement to surface
- 21) POOH with 2 7/8" tubing. Wait 4 hrs, and tag TOC. If cement has fallen, top off back to surface
- 22) Let cement set over night, verify cement has not settled and is still at surface. RDMO