

REENTRY PROCEDURE

WELL NAME: Gill Land Assoc. 22-04 **DATE:** 2/4/2016
LOCATION:
 Qtr/Qtr: NWNE Section: 22 Township: 6N Range: 64W
COUNTY: WELD STATE: CO API #: 05-123-11360

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: Re-enter and re-plug

WELL DATA: Surface Csg: 8 5/8" 24# 220' KB Elevation: 4752'
 Surface Cmt: 200sxs to surface GL Elevation: 4743'
 Long St Csg: 7 7/8" open hole to 6450'; 4 1/2" 11.6# 6450'/7026' TD: 7040'
 Long St Cmt: 200sxs cmt PBTD: _____
 Long St Date: 9/8/1983

Plug Info (1) CIBP 6860' w/10ft cement on top
 Plug Info (2) 65sxs 50/50 POZ cmt w/2% gel 3450'/3550'
 Plug Info (3) 70sxs 50/50 POZ cmt w/2% gel 180'/300'
 Plug Info (4) 10sxs 50/50 POZ cmt w/2% gel 0'/33'

Tubing: _____ Rods: _____
 Pump: _____
 Misc.: **Base Fox Hills 419', Deepest water well 280'**

WELL STATUS: Well Abandoned 03/22/1995

COMMENTS:

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 @ 180ft).
- 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 550'
- 15) Circulate 2x hole volume (100bbl) 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 550'.
- 18) RU cement crew and pump a balanced plug of 200sk 15.8 ppg Class G "neat" cement
 *200sxs assumes 25% excess volume needed
- 19) POOH with 2 7/8" tubing. Wait 4 hrs, and tag TOC. If cement has fallen, top off back to surface
- 20) Let cement set over night, verify cement has not settled and is still at surface. RDMO