

**REENTRY PROCEDURE**

WELL NAME: BRADBURY #1 DATE: 3/8/2013  
 LOCATION: \_\_\_\_\_  
 Qtr/Qtr: NENW Section: 15 Township: 9N Range: 58W  
 COUNTY: WELD STATE: CO API #: 05-123-05679

ENGINEER: Benjamin Zapp 7 Day Notice Sent: \_\_\_\_\_  
 (Please notify Engineer of any major changes prior to work) Do not start operations until: \_\_\_\_\_  
 Notice Expires: \_\_\_\_\_

OBJECTIVE: Reenter and re-plug

WELL DATA: Surface Csg: 10 3/4" 32.75# H40 300' KB Elevation: \_\_\_\_\_  
 Surface Cmt: 300xs GL Elevation: 4707  
 Long St Csg: 7 7/8" open hole TD: 7813  
 Long St Cmt: none PBTD: \_\_\_\_\_  
 Long St Date: 6/2/1953

Plug Info (1) NO INFO ON RECORD  
 Plug Info (2) \_\_\_\_\_  
 Plug Info (3) \_\_\_\_\_  
 Plug Info (4) \_\_\_\_\_

Tubing: \_\_\_\_\_ Rods: \_\_\_\_\_  
 Pump: \_\_\_\_\_  
 Misc.: Base Fox Hills 477', Deepest water well 1000'

WELL STATUS: Well Abandoned 6/2/53

COMMENTS: NO PLUGGING REPORT 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. Verify top of next cement plug inside of surface casing by tagging.
- 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 cement 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 3000'
- 15) TOO H with cone bit, drill collars, and 2 7/8" tubing.
- 16) PU and RIH with mule shoe and 2 7/8" tubing to 3000'.
- 17) RU cement crew and pump a balanced plug of 100sk 15.8 ppg Class G "neat" cement
- 18) POOH to 1150' (150' below deepest water well @ 1000')
- 19) RU cement crew and pump 498 sxs of 15.8ppg Class G "neat" cement bring cement to surface
- 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