

# REENTRY PROCEDURE

WELL NAME: BEST WALKER 02 DATE: 6/26/2013

LOCATION: Qtr/Qr: SENE WELD Section: 8 STATE: CO Township: 9N Range: 58W

COUNTY: API #: 05-123-05695

ENGINEER: Amanda Beck  
 (Please notify Engineer of any major changes prior to work)

7 Day Notice Sent:  
 Do not start operations until:  
 Notice Expires:

OBJECTIVE: Reenter and re-plug

WELL DATA:

|               |                        |               |       |
|---------------|------------------------|---------------|-------|
| Surface Csg:  | 8 5/8" 24# 73'         | KB Elevation: | 4777' |
| Surface Cmt:  | 60 sx                  | GL Elevation: | 4772' |
| Long St Csg:  | 7 7/8" open hole to TD | TD:           | ?     |
| Long St Cmt:  | none                   | PBTD:         |       |
| Long St Date: | 5/11/1905              |               |       |

Plug Info (1)  
 Plug Info (2)  
 Plug Info (3)  
 Plug Info (4)

15 sx 1/2 in 1/2 out of surface casing  
 10sxs on surface

Well originally drilled to 3702' in 1958; re-entered and drilled deeper but no info

Tubing:  
 Pump:  
 Misc.:

Rods:

Base Fox Hills 605', Deepest water well 174'

WELL STATUS: Well Abandoned 12/3/75

COMMENTS: No mention of welded cap on surface casing, or if cut below grade

- 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.
  - 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) TOOH 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 "heat" cement
  - 18) POOH to 1150' (755' below Fox Hills base @ 605')
  - 19) RU cement crew and pump 280 sxs of 15.8ppg Class G "heat" 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 8 5/8" casing, weld on cap
  - 23) Backfill hole and reclaim surface to original conditions