REENTRY PROCEDURE

WELL NAME: STATE LEASE 6524 41-28 **DATE:** 3/29/2013

LOCATION:

Qtr/Qtr: NENE Section: 28 Township: 6N Range: 63W

COUNTY: WELD STATE: CO API #: 05-123-14540

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# 302'	KB Elevation:	4789
Surface Cmt:	175 sx	GL Elevation:	4778'
Long St Csg:	7 7/8" open hole to 1194'; 4 1/2" 11.6# csg to TD	TD:	6970
Long St Cmt:	250 sx - TOC 6136'	PBTD:	6846
Long St Date:	8/17/1990		

Plug Info (1)	CIBP at 6700' in 4 1/2" casing
Plug Info (2)	40 sx 1/2 in 1/2 out of surface casing 250' - 350'
Plug Info (3)	10 sx at surface
Plug Info (4)	

Tubing: Rods:

Pump:

Misc.: *Base Fox Hills 468'*

WELL STATUS: Well Abandoned 12/8/99

COMMENTS:

Plugging report states: **Cut 4' below ground level, Welded plate on top of surface**

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 "neat" cement
18) POOH to 618' (150' below base of Fox Hills @ 468')
19) RU cement crew and pump 234 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 8 5/8" casing, weld on cap
23) Backfill hole and reclaim surface to original conditions