REENTRY PROCEDURE

WELL NAME: State N36-09 **DATE:** 8/16/2013

LOCATION:

Qtr/Qtr: NESE Section: 36 Township: 5N Range: 67W

COUNTY: WELD STATE: CO API #: 05-123-15470

ENGINEER: Ryan Olson

(Please notify Engineer of any major changes prior to work)

7 Day Notice Sent:

Do not start operations until:

Notice Expires:

OBJECTIVE: Re-enter and re-plug

WELL DATA:

Surface Csg:	8 5/8" 24# set @ 302'	KB Elevation:	4874'
Surface Cmt:	210 sks	GL Elevation:	4864'
Long St Csg:	3 1/2" 9.3# set from 4750'-7456'	TD:	7456'
Long St Cmt:	200 sks	PBTD:	7430'
Long St Date:	3/30/1992		

Plug Info (1): 50 sk cmt plug set above backed-off prod csg @ 4750'

Plug Info (2): 50 sk cmt plug set 1/2 in and 1/2 out of sur csg

Plug Info (3): 10 sk cmt plug set @ surface

Plug Info (4):

Tubing: Rods:

Pump:

Misc.: *Base Fox Hills @ 518', Deepest water well @ 900'*

WELL STATUS: Well Abandoned 3/31/92

COMMENTS:

Casing cut off 4' below ground level with cap welded over top. Location restored

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) Set RBP inside surface casing
9) Pressure test surface casing to 200psi
10) After pressure test of surface casing, retrieve RBP
11) Assume pressure under surface casing shoe, roll hole with kill fluid until well dead, or blow down.
12) PU and RIH with mule shoe and 2 7/8" tubing to 3000', cleaning out with drilling mud or water
13) RU cement crew and pump a balanced plug of 100 sks 15.8 ppg Class G "neat" cement
14) POOH to 1050' (150' below deepest water well@ 900')
15) RU cement crew and pump 392 sxs of 15.8ppg Class G "neat" cement bring cement to surface
16) POOH with 2 7/8" tubing. Wait 4 hrs, and tag TOC. If cement has fallen, top off back to surface
17) Let cement set over night, verify cement has not settled and is still at surface. RDMO