REENTRY PROCEDURE

WELL NAME: UPRR-Wells 01 **DATE:** 2/4/2016

LOCATION:

Qtr/Qtr: SWSW Section: 31 Township: 6N Range: 62W

COUNTY: WELD STATE: CO API #: 05-123-07136

ENGINEER: Hunter Dunham

(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# 143'	KB Elevation:	4897'
Surface Cmt:	130sxs to surface	GL Elevation:	4886'
Long St Csg:	7 7/8" open hole to 7206 (TD)	TD:	7206'
Long St Cmt:	None	PBTD:	
Long St Date:	2/19/1970		

Plug Info (1): 15sxs cement 120'/170'

Plug Info (2): 10 sxs cement at surface

Plug Info (3):

Plug Info (4):

Tubing: Rods:

Pump:

Misc.: ***Base Fox Hills 362', Deepest water well 196'***

WELL STATUS: Well Abandoned 02/19/1970

COMMENTS: Plugging report notes that well is filled with heavy mud with cement plug 1/2 in and 1/2 out at surface casing shoe. No other plugging notes

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 @ 120ft).
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 4000'
15) Circulate 2x hole volume (500bbl) 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 4000'.
18) RU cement crew and pump a balanced plug of 95sk 15.8 ppg Class G "neat" cement
    *95sxs assumes 25% excess volume needed
19) POOH to 475ft (100ft deeper than deepest water well)
20) RU cement crew and pump 200 sxs of 15.8ppg Class G "neat" cement bring cement to surface
    *200sxs assumes 25% excess volume needed
21) POOH with 2 7/8" tubing. Wait 4 hrs, and tag TOC. If cement has fallen, top off back to surface
22) Let cement set over night, verify cement has not settled and is still at surface. RDMO