REENTRY PROCEDURE

WELL NAME: DOC BUTTE **DATE:** 12/8/2016

LOCATION:

Qtr/Qtr: SESW Section: 19 Township: 9N Range: 58W

COUNTY: WELD STATE: CO API #: 05-123-14028

ENGINEER: Dustin Stevens

(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" @ 10'-178'	KB Elevation:	
Surface Cmt:		GL Elevation:	4831
Long St Csg:	No Production Csg	TD:	6640'
Long St Cmt:		PBTD:	
Long St Date:			

Plug Info (1)	20 sks from 6500'-6560'
Plug Info (2)	20 sks from 160'-200'
Plug Info (3)	5 sks from surface to 15'
Plug Info (4)	

Tubing: Rods:

Pump:

Misc.: ***Base Fox Hills 617', Deepest water well 156'***

WELL STATUS: Well Abandoned 8/16/1988

LIMITED PLUGGING DATA ON RECORD, PROCEED WITH CAUTION

COMMENTS:

20 sks cement from 6500'-6560', 20 sks from 160'-200', and 5 sks from surface to 15'.

PROCEDURE:

1) Survey and locate abandoned well, mark with stake and take location photos
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 1/8" cone bit, PU 2 7/8" drill collar, 2 7/8" 6.5# tubing, and TIW valve
9) Drill out first cement plug inside surface casing, roll hole clean. Verify top of 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 surface plug or setting of RBP, pressure test surface casging to 200 psi.
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 767' (150' below base of Fox Hills @ 617')
19) RU cement crew and pump 300 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