REENTRY PROCEDURE

WELL NAME: PRINCE 3-29 **DATE:** 8/9/2016

LOCATION:

Qtr/Qtr: NENW Section: 29 Township: 9N Range: 58W

COUNTY: WELD STATE: CO API #: 05-123-13945

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# 11' - 258'	KB Elevation:	4841
Surface Cmt:	155 sks	GL Elevation:	4840
Long St Csg:	5 1/2" 15.5# 5860 - 6650	TD:	6656'
Long St Cmt:	145 sks, TOC @ 5950'	PBTD:	
Long St Date:	6/27/1988		

Plug Info (1)	CIBP set @ 6020' w/ 3 sks of cmt
Plug Info (2)	20 sk balanced cmt plug 1130'
Plug Info (3)	26 sk cmt plug 270'
Plug Info (4)	10 sk cmt plug at surface

Tubing: Rods:

Pump:

Misc.: ***Niobrara @ 5782', Deepest Water Well @ 695', Base Fox Hills @ 627', Base Upper Pierre @ 1449'***

WELL STATUS: Well abandoned 10/1/88

COMMENTS:

Cap welded on 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 (TOC @ 220ft).
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'.