

## WORK OVER PROCEDURE

WELLNAME: **Colo State #1**

API # 05-123-05189

Location: 660 FNL660 FWL NWNW 12 5N 62W 6th PM

SPUD DATE: 3/29/1952

SURFACE CASING SIZE: 10-3/4" 331', Unknown hole

SURFACE CEMENT: Cemented to surface w/ 200 sx.

TD: 7201

AQUIFER DEPTH: N/A, Depth to water in 1 mile radius

ORIGINAL PLUGGING PROCEDURE: Well was drilled and abandon. No plugging record exists, no record of prod casing string. DST completed June 1952.

FORMATIONS:	As found in well:	Colo State #1	
	Niobrara	6032	'
	Muddy	6737	'
	Dakota	6800	'
	Lakota	7051	'
	Morrison	7105	'

REPLUGGING PROCEDURE:

- 1) LOCATE WELL, FILE FORM 6 NOI TO REPLUG WELL - REQUIRES PHOTOS, SUA, PLUGGING BOND
- 2) DIG OUT CASING WITH BACKHOE & INSPECT CASING PLATE, RESERVE TOPSOIL FOR RECLAMATION
- 3) IF SEALED, HOT TAP CASING TO CHECK FOR PRESSURE
- 4) CUT-OFF PLATE, TRIM UP CASING FOR BELL NIPPLE FOR BOPE
- 5) MIRU WORKOVER RIG, PUMP AND TANK. NU BOPE W/ ROTATING HEAD, RIG UP POWER SWIVEL
- 6) PU 6 1/8" BIT, SUB, DC ON TUBING
- 7) DRILL OUT SURFACE CEMENT, IF ANY, AND PLUG AT BASE SURFACE WITH WATER
- 8) WASH HOLE DOWN TO 3500', WITH WATER/POLYMER AS NEEDED
- \*\*IF POSSIBLE, CLEAN OUT HOLE TO DEPTH OF NIOBRARA FORMATION. BCEI WILL MAKE ATTEMPT TO SET 100 SX OPEN HOLE CEMENT PLUG (~170 FT) ACROSS NIOBRARA IF REACHED.
- 9) CIRCULATE AND CLEAN UP HOLE
- 10) SPOT 300 SX CEMENT PLUG (500 ft) @3400', PULL TUBING TO 2900'. REVERSE OUT TUBING AND CLEAN UP EXCESS CEMENT
- 11) SHUTDOWN OVERNIGHT
- 12) TIH & TAG CEMENT PLUG, RECORD TAG
- 13) TOOH WITH BIT TO 700'. LAY DOWN TUBING ON TOOH
- 14) PUMP 485 SX CEMENT PLUG @ 700' TO SURFACE. PULL TUBING OUT OF HOLE.
- 15) ND BOPE. CUT OFF BELL NIPPLE & CASING TO 4' BELOW GROUND LEVEL. FILL TOP OF CASING WITH READY MIX
- 16) WELD ON PLATE. OPERATOR NAME, API NO., LOCATION
- 17) FILL SURFACE HOLE, MAKING SURE TO REPLACE TOP SOIL LAST
- 18) RIG DOWN AND MOVE OUT ALL EQUIPMENT
- 19) FILE FORM 6 SUBSEQUENT REPORT WITH COGCC