

WORK OVER PROCEDURE

WELLNAME: **Williams Et Al 24-1**

API # 05-123-09642

Location: 1980 FSL720 FWL NWSW 24 5N 61W 6th PM

SPUD DATE: 12/23/1978

SURFACE CASING SIZE: 8.625", 24#/ft Wt, Grade, 176', 10.75" hole

SURFACE CEMENT: Cemented to surface w/ 175 sx.

TD: 6597

AQUIFER DEPTH: 1430', Depth to water in 1 mile radius

ORIGINAL PLUGGING PROCEDURE: Well was D&A plugged Jan 2, 1979. Heavy drilling mud, 15 sx at base of surface csg; 10 sxs at surface

FORMATIONS:	As found in well:	Williams Et Al 24-1
	Niobrara	5912'
	Carlile	6135'
	Greenhorn	6178'
	D Sand	6505'
	J Sand	6567'

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 (510 ft) @3400', PULL TUBING TO 2890'. 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 400 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