

**WORK OVER PROCEDURE**

WELLNAME: **PACKARD 34-15**  
 API # 05-123-10253  
 Location: 660 FSL1980 FEL SWSE 15 5N 61W 6th PM  
 SPUD DATE: 4/27/1981  
 SURFACE CASING SIZE: 8.625", 24#/ft Wt, Grade, 177', 12.25" hole  
 SURFACE CEMENT: Cemented to surface w/ 160 sx.  
 TD: 6798  
 AQUIFER DEPTH: N/A, Depth to water in 1 mile radius  
 ORIGINAL PLUGGING PROCEDURE: Well was plugged May 1981. 15 sxs at base of surface casing; 10 sxs at surface.

FORMATIONS:	As found in well:	Behring #1
	Niobrara	5998
	Fort Hayes	6214
	Codell	6258
	Carlile	6265
	Greenhorn	6319
	Bentonite	6562
	D Sand	6668
	J Sand	6737

- 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 400 SX CEMENT PLUG (680 ft) @3400', PULL TUBING TO 2700'. 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