

REVISED PLUGGING PROCEDURE 1-28-98

Well: Bogle Flats #8  
Field: Indian Basin  
Location: Eddy County, N.M.

DATA

Permanent Zero..... 11' AGL  
PBDT..... 7169' (Top Of Fill, Tagged 1/95)  
Casing Data..... 4 1/2", 9.5#, J-55 @ 7500'  
Retainer..... NONE  
Packer..... 4 1/2" BKR Mod 'D' @ 6900'  
Tubing Data..... 2 7/8", J-55, @ 6900'  
TOC..... 5633' (TS)  
LOG..... GR/NEUTRON  
Perfs..... Upper Penn 6951-61, 6978-81, 6984-89, 6996-7001,  
7018-26, 7036-45, 7057-97, 7114-20, 7126-38, 7153-62, 7177-81, 7187-204.

PROCEDURE:

1. MIRU. KILL WELL IF NECESSARY. RD WH, RU BOPS. RU PUMP, EST INJECTION INTO UPPER PENN AND PUMP 150 SXS CLASS 'C' NEAT, DISPLACE PAST PACKER. WAIT APPROX. 4 HRS.
2. STING OUT OF PACKER. DISPLACE HOLE W/ 10.0 PPG MUD TO 4000' PUMP 25 SACK PLUG FROM 6870'-6560'. PU TO 6000' AND WOC. TAG PLUG WITH DEPTH ATLEAST 6750'.
3. POH LAYING DOWN TBG. TO 4600'. SPOT 25 SACK PLUG FROM 4600'-4284'. POH LAYING 10 MORE JTS. & DISPLACE HOLE W/ 10 PPG MUD TO 2000'.
4. FREEPOINT 4 1/2" CASING AND RECOVER AS MUCH AS POSSIBLE. ( SUSPECTED CASING PART AT 2266')
5. BASED ON PREDICTED RECOVERY OF 2266' OF CSG. RIH W/ 2320' OF TBG AND SPOT 150 SACK PLUG FROM 2320'-1830'. PU TO 1800' AND WOC, TAG TOP AT 1900' OR HIGHER. IF LOWER RESPOT PLUG AND TAG. CIRCULATE HOLE W/ 10 PPG MUD.
6. POH LAYING DOWN TO 270'. SPOT 45 SACK PLUG FROM 270' TO 123'. PU AND WOC. TAG PLUG W/ TOP AT 130 OR HIGHER.
7. POH LAYING DOWN ALL BUT 2 JTS. SPOT SURFACE PLUG FROM 50' TO SURFACE. POH. RD BOP, RD WO RIG,.
8. CUT OFF CSG 3' BELOW GL, & CAP W/ DRY HOLE MARKER AS PER