

## PLUG AND ABANDONMENT PROCEDURE

Mescalero Ridge Unit #2  
Lea (Bone Spring) Field  
Lea County, New Mexico

### PURPOSE

The well is currently shut-in, with collapsed casing and tubing at  $\pm 2675'$ , and with the rod string still in the hole, with the top at  $\pm 2675'$ . Since the well has marginal remaining reserves in the present zone, and no other behind pipe potential, it is to be P&A'd.

### DATA

Perforations: 9672-91' & 9467-80'  
PBTD: 10,017'  
Casing Program: 7 5/8" @ 10,293'; 9 5/8" @ 5168'; 12 3/8" @ 860'  
Tubing: 2 3/8"  
Anchor: 7 5/8" Tbg. Anchor Catcher @ 9730' w/ SN @ 9762'  
Wellbore Schematic: Attached  
Last Test (10-24-85): 12 BOPD, 120 BWPD, 10 MCFD  
Cumulative Production as of 11/85: 381 MBO, 332 MMCF

### PROCEDURE

1. MIRU Service Unit.
2. Cut tbg. at 2650'. POOH w/ same.
3. Perforate 7 5/8" csg. using 4" csg. guns at 2630-28', with 2 SPF (total of 4 holes).
4. Set 7 5/8" cement retainer at 2610' using 2 3/8" tbg.
5. Bullhead 2700 sx Class "H" neat. (Note: Shut down once cement returns through 9 5/8" csg. valve.)
6. \* Set a 10 sx surface plug from 50' to surface.
7. RD Service Unit.

\* Spot 200' cmt. on top of C.R.  
Spot 100' plug at 860' (12 3/8" shoe)