

## REMEDIAL CEMENTING PROCEDURE

BOYD NO. 1  
2310' FM & EL, SEC. 23, T-22-S, R-37-E  
DRINKARD FIELD  
LEA COUNTY, NEW MEXICO

August 7, 1975

### Well Data

Elevation: 3332' DF  
Casing: 13 3/8" 40# @ 295' w/275 sx. circ.  
9 5/8" 36# @ 2738' w/2000 sx. circ.  
5 1/2" 15.5 & 17# @ 6333' w/400 sx., Original TOC @ 5020'  
by TempLog (Perforations @ 4988'-5025' squeezed w/400 sx.)  
TD: 6419'  
PBD: 6320' (CIBP)  
Perforations: 6246'-6301'  
Packer: Baker Model "R" Double Grip

Note: NMOCC supervisor must be notified at least 24 hours prior to commencement of the following procedure.

### Procedure

1. MIRUPU. Kill well w/2% KCl water containing 2 gals./1000 gal. Morflo II. Install BOPE and pull tubing and packer.
2. GIH w/retrievable packer and bridge plug. Locate casing leaks to within 120'. (During W.O. in 1972, 2 sets of holes were isolated in the interval 3355' to 4522'.) Also, determine if any of the leaks are in communication with each other, and if upper leak is in communication with surface via annulus outside 5 1/2" pipe.

The following steps are tentative, the actual procedure will be dependent on the extent of leaky casing found and the recommendations of the NMOCC.

3. After all the leaks are located, set RBP at 6000' and pull tubing and packer.
4. RU GO International. Dump 2 sx. sand on RBP via dump bailor.
5. Run drillable cement retainer on wireline and set above lowermost casing leak. RD GO International.