# REMEDIAL CEMENTING PROCEDURE

BOYD NO. 2-Y
2210' FNL & 990' FEL
SEC. 23, T-22-S, R-37-E
DRINKARD FIELD
LEA COUNTY, NEW MEXICO

August 6, 1975

## Well Data

| | |
|---|---|
| Elevation: | 3329' DF |
| Casing: | 13 3/8" 32# @ 1097' w/1200 sx.-circ. |
| | 8 5/8" 32# @ 2404' w/450 sx. |
| | 5 1/2" 15.5# @ 6324' w.400 sx. - est. TOC @ 4674' |
| TD: | 6454' |
| PBTD: | 6351' |
| Packer: | Baker Lok-Set @ 6224' |

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

## Procedure

1. MIRUPU. Kill well if necessary with brine water. Install BOPE and pull tubing and packer.

2. RU Dresser Atlas. Set CIBP @ 6310' via wireline. Run CNL-GR-CCL porosity log from 6310' to 4800' and Variable Density-CBL-GR-CCL bond log from 6310' to 3000'. Relay results of bond log to Midland Engineering and NMOCC. RD Dresser. The 8 5/8" - 5 1/2" annulus has been squeezed with 700 sx. from the surface. The bond log will be used to find the free pipe between squeezed cement and the original cement top if such exists. The following steps are contingent on the results of the bond log and NMOCC approval.

3. RU Dresser. Dump 2 sx. sand on RBP. Perforate at the top and at the bottom of the free pipe with 4 shots over a 2' interval using a 4" OD casing gun loaded with 20 gm. "Big Hole-Burr Free Charges" (8 - .75" holes).

4. Run drillable cement retainer on wireline and set above lower set of perforations. RD Dresser. Run tubing and tie into retainer.