REMEDIAL CEMENTING PROCEDURE

E. W. WALDEN NO. 3
BLINEBRY GAS
660' FNL & 1830' FWL
SEC. 15, T-22-S, R-37-E
LEA COUNTY, NEW MEXICO

August 8, 1975

Well Data

Elevation:	3415' DF
Total Depth:	7581'
PBTD:	6152'
Casing:	10 3/4" 32.75#/ft. @ 170'
	9 7/8" 24#/ft. @ 2850'
	5 1/2" 15.5#/ft. @ 7581' (cmt. top 4470')
Production:	Blinebry 5480'-5540'
	Tubb 5990'-6130' TA

Note: NMOCC supervisor must be contacted at least 24 hrs. prior to start of the following procedure.

Procedure

1. MIRUPU, kill well w/2% KCl water containing 3 gals. per 1000 Morflo II, install BOPE and POH w/tubing.

2. GIH w/RBP on tubing and set RBP @ 5000'(±). Test to 3000 psi. POH.

3. RU Dresser Atlas. Dump 2 sx. sand on RBP. Perforate w/2 SPF @ 3800' & 3801' (total of 4 holes) using a 4" casing gun w/Big Hole Burr Free, 20.0 gm. charges w/.76" hole size.

4. GIH w/E-Z Drill cement retainer on wireline and set at 3750'.

5. GIH w/tubing and sting into cement retainer.

6. Open Bradenhead valve and attempt to break circulation. If unable to break circulation, go to Step 8.

7. Circulate the cement into the perfs as follows:
   (a) Pump 200 sx. Class "C" cement containing .6% Halad-22 and 6# salt/sk. through the perfs at 3800'-01'. (Water Req.: 6.3 gals./sk., Slurry Wt.: 15.4 ppg, Yield: 1.32 cu.ft./sk., Thickening Time: 2 hrs.).