Form 9-331 Lea Unit Well No. 7 Sec. 12, T20S, R34E, Lea County, New Mexico

17. (Cont'd)

- 8. Ran Cement Bond log from 14,484' to 13,350'. Found cement top at 14,410' (6-24-78).
- 9. Perforated 4 1/2" liner at 14,442', 44', 46', 48', 50', 52', 60', 62', 64', 68', 70', 72', 74', 76', 78', & 80', with 2 JSPF (6-28-78).
- 10. Rigged up Dowell to treat perforations. During treating procedure broke circulation around liner.
- 11. Set cement retainer at 14,420'. Rigged up Halliburton and cemented 4 1/2" liner with 185 sacks of Class "H" cement with .6% Halad 22-B, .25% CFR-2 and 5# KCL/sack. Reversed out five sacks of cement from 13,306'. WOC 24 hours (7-7-78).
- 12. Cleaned out liner to 14,488', pressured up on casing to 1800 psi, held OK. Ran Cement Bond log from 14,480' to 13,350'. Log indicated effective cement over entire length of liner from PBTD to 7" casing (7-14-78).

AWR:mfm 7-18-78