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APPROVE Formie E. Shards Forest Oll Corporation, P. O. Box 4105, Odesse, Texas Attachment: Form 9-331a, November 30, 1962 1872 DEO 10 M 7 23 ACTING DISTRICT EN Federal-Carper, Well No. 1, Lease No. 029410 (B)

Subsequent Report of Water Shut-off

An 11" hole was drilled from 426" to 4165" T.D. 8-5/8" casing was run and cemented as follows:

1.10' - 1 8-5/8" OD Hallburton Guide Shoe 31.82' - 1 jt. 8-5/8" OD 32# J-55 ST&C casing (used) 1.68' - 1 8-5/8" OD Hallburton float collar 1647.00' - 55 jts. 8-5/8" OD 32# J-55 ST&C casing (used) 1615.51' - 52 jts. 8-5/8" OD 24# J-55 2.36' - 1 8-5/8" Hallburton D.V. collar (2-stage cementing tool) 850.00' - 29 jts. 8-5/8" OD 24# J-55 ST&C casing (used) 2.78' - 1 cut nipple, 8-5/8" 32# J-55 ST&C casing (used)

4152.25' - Total pipe <u>12.75'</u> - Top Rotary Drive Bushing to top of casing 4165.00' Setting depth

Schlumberger Log, top salt \$ 850', base of salt 1890'. Worth Well Surveys ran callper, calculated cement required.

- Stage 1 from 4165-1800', to be 1096 cu. ft. Cemented with 610 sacks Incor S.R. 50/50 Posmix, 6% gel, 150 sacks incor S.R. neat cement = 1274 cu. ft. or 16-1/4% excess.
- Stage 11- Calculated from 0-1000', 552 cu. ft. required. Cemented with 345 sacks incor S.R. cement 50/50 Posmix 6% gel and 50 sacks of neat incor S.R. cement or 668 cu. ft., 21% excess. Circulated 35 sacks. Hallburton D.V. collar set at 865.63'.

After W.O.C. 26 hours, drilled D.V. collar, tested casing with 1000# pressure, held 30 minutes without loss. Drilled plug and tested with 1000#, held 30 minutes without loss.



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