

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE
(Other instructions
verse side)

Form approved
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

NY 0553073

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL GAS WELL OTHER

7. UNIT AGREEMENT NAME

South Lea Unit

2. NAME OF OPERATOR

8. FARM OR LEASE NAME

Humble Oil & Refining Company

3. ADDRESS OF OPERATOR

9. WELL NO.

P. O. Box 1600, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface:

10. FIELD AND POOL, OR WILDCAT

Wildcat (Ellenburger)

1,980' FWL & 1,980' FSL

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 17, T-26-S, R-36-E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

12. COUNTY OR PARISH

13. STATE

Lea

New Mexico

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other) _____

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Drilled 6 1/2" hole to 21,252'. Ran 105 Jts. 4,430' of 5" 23.09# C-75 Hydril csg., and Brown Oil Tool Hanger. Liner hung on 7 5/8" csg. at 16,805' (Top) and liner set at 21,235'. Cement w/400 sacks Class H w/40% Silica Flour 2.0% Halad-14 and 0.4% HR-12 per sack. POB 11:00 P.M. 3-10-70. Cmt. circ. WOC 24 hrs. Tested cement above liner w/2000 psi - OK.

Ran temp. survey. Temp. Survey showed some gas entry as original log. Set RTTS at 13,630'. Perf. 4 holes at 14,045'. Pumped 1,100 bbls. 14.4# mud thru perms. w/Max. Press. 2800#, standing press. 1400# (bled to zero w/1 1/4 bbls. - no flow.)

Gas on annulus began falling off immediately after started pumping; died to only a trickle of gas. No mud returns to surf. Set retainer at 13,800'. Cmt. thru perms. w/1,175 sx. Max. Press. 2150, Final Press. 1,575#. Annulus gas still only trickle. Ran temp. survey. Set packer at 11,900'. Pressured up to 1000 psi on backside - held OK. Pumped down DP at 1 1/2 BPM and 1,500 psi. Reset packer at 12,588' - backside held 1000 psi OK. Pumped down DP at 3 BPM and 1,500 psi. Reset packer at 12,634' - pressured to 2000 psi down DP. Set retainer on WL at 12,285'. Cmt. thru hole w/500 sx. Max and Final Press. 1600#. Gas on 7 5/8" x 10 3/4" annulus - died completely while cementing. Cmt. in place 2:30 A.M. 3-18-70. WOC. Ran temp. survey to retainer at 12,285'. No cmt. shown above retainer depth. Ran Sonlog on 7 5/8" x 10 3/4" annulus. FL had risen from 2,750' to 2,250' during last cement job.

(Continued on next page)

18. I hereby certify that the foregoing is true and correct

SIGNED

A. L. Clemmer

TITLE

Unit Head

DATE April 27, 1970

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

DFL/anf

ACCEPTED FOR RECORD

APR 30 1970

U. S. GEOLOGICAL SURVEY
SILVER SPRING, NEW MEXICO

*See Instructions on Reverse Side