

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPL
(Other instructions re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

N. M. 0553893

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

South Lea Unit

8. FARM OR LEASE NAME

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat (Ellenburger)

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

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

12. COUNTY OR PARISH

Lea

13. STATE

New Mexico

1. OIL ☐ GAS ☒ WELL ☒ OTHER

2. NAME OF OPERATOR

Humble Oil & Refining Company

3. ADDRESS OF OPERATOR

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

1,980' FWL & 1,980' FSL

14. PERMIT NO.

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

2,980' DF

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(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.)*

- Filled hole w/9.4# brine mud, installed BOP on 11-23-70.
- Squeezed perf. from 17,762-17,896' w/115 sx. Class "H" cement.
- Set 5" BP @ 13,000' w/23' cement on top, set 5" squeeze packer @ 11,503'.
- Perf. 6 holes through 5" and 7-5/8" at 12,250'. Squeezed w/200 sx Class "H" cement.
- Set wire line bridge plug @ 10,400' w/20' cement on top of plug.
- Displaced 9.4# brine mud in hole w/13.5# mud. Set 7-5/8" retainer at 8,500' and circulated 225 sx cement below retainer and behind 7-5/8" casing through cut at 9,023'. Left 1 barrel of cement above retainer.
- WOC 8 hours. Cut off 7-5/8" casing at 4,025', pulled and laid down 4,025' of 7-5/8" casing. Displaced 13.2# mud with 9.5# brine mud. Shut well in with BOP, left 20 psi on hole to observe pressure action in well bore. SI at 1:00 PM 12-1-70 w/20 psi. At 7:00 AM 12-2-70 WHP was 102 psi (Within Range of Temperature Expansion).
- Bled expansion pressure off from 102 psi to 10 psi at 11:00 AM 12-2-70. At 7:00 AM WHP was 14 psi, holding steady. Continued to observe WHP until 12-5-70, pressure rose to 16 psi and remained steady.
- Displaced 9.5# brine mud with 13.2# brine mud to 4,025'.
- Set 100 sack cement plug at 4,025'. WOC 6 hours. Tagged top of cement at 3,790'.
- Set 100 sack cement plug at 3,410.
- Set 50 sack cement plug from 150' to 50'.
- Cut off head, welded plate on 10-3/4" casing and installed dry hole marker. Released Rig @ 12:00 noon 12-5-70. FRW

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

SIGNED

A. L. Clemmer

TITLE Proration Specialist

DATE 12-8-70

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

NOTED

DATE

DEC 16 1971

*See Instructions on Reverse Side
GORDON