

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)Form approved,
Budget Bureau No. 42-R1421.

5. LEASE DESIGNATION AND SERIAL NO.

NM 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

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. CIL WELL ☐ 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.)

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 perti-
nent to this work.)*
SOUTH LEA UNIT NO. 1ELLENBURGER TESTPerforate with 1 shot each at 20,727', 771' 843', 870', 885', 916', 937', 958', 992,
21,048', 101', and 164' (BHC Sonic).Acidized three times with total of 5,220 gallons acid. Last job was 3800 gallons Dowell
RA10 w/ball sealers. Maximum pressure 9600 psi. Minimum 9000 psi. Average rate 2-3
BPM. Maximum rate 2.7 BPM, ISIP - 7400 psig. 15 Min. SIP - 5900 psig. Unloaded well
with nitrogen to 12,000' and tested for 72 hours. Total load fluid to recover, 585 barrels
including all acid. Recovered 630-1/4 barrels of mud, 45-1/4 barrels formation water
over load. No show of gas. Final rate of water production 4-5 barrels per hour from
12,000' fluid level.

Set Baker CI bridge plug in 5-inch liner at 18,314'. Covered plug with cement to 18,279'.

HUNTON TESTPreparing to test Hunton interval 17,762 - 17,896'. Will spot 10 barrels 9% formic acid
across interval to be perforated. Set retrievable test packer on tubing at approximately
17,500'; perforate Hunton, displace acid through perforations and test.

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

SIGNED: R. A. Brand, Jr. Unit Head

DATE 6-24-70

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

APPROVED

JUN 30 1970

ARTHUR R. BROWN
DISTRICT ENGINEER

*See Instructions on Reverse Side