

copy to SF

Form 9-331  
(May 1963)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE  
(Other instructions on reverse side)

Form approved by  
Budget Bureau No. 42-R1424

LEASE DESIGNATION AND SERIAL NO.

LCO-28731 A

IF INDIAN, ALIQUOTTEE 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

2. NAME OF OPERATOR  
Sun Oil Company

3. ADDRESS OF OPERATOR  
P. O. Box 1861, Midland, Tx. 79702

4. LOCATION OF WELL (Report location clearly and in accordance with U.S. Geological Survey requirements. See also space 17 below.)  
At surface

1650' FSL and 330' FEL, Unit letter I

14. PERMIT NO.

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

3578 DF

APR 20 1977

12. COUNTY OR PARISH 13. STATE

Eddy

NM

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐ PULL OR ALTER CASING ☐  
FRACTURE TREAT ☐ MULTIPLE COMPLETION ☐  
SHOOT OR ACIDIZE ☐ ABANDON\* ☐  
REPAIR WELL ☐ CHANGE PLANS ☐

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐ REPAIRING WELL ☐  
FRACTURE TREATMENT ☐ ALTERING CASING ☐  
SHOOTING OR ACIDIZING ☐ ABANDONMENT\* ☒

(Other) Conversion to oil

(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.)\*

1. MIRU pulling unit. Installed BOP.
2. POH w/tubing and packer, laid down tbg.
3. Rigged up Schlumberger to run cased hole CNL from TD to 1200'.
4. Picked up and ran 2-7/8" tbg. with Baker FB packer. Set pkr @ 2350. Tested annulus to 500 psi lowered to 3220 set pkr.
5. Rigged up Halliburton to cement. Established injection rate and squeezed w/150 sx Class "H" Neat. Squeezed to 1500 psi. Released pkr and reversed out. WOC 4 hrs. Tested squeeze to 1500.
6. Pulled up and set packer at approx. 2250. Established injection rate and squeezed w/100 sx. Class "H" neat. Squeezed to 1200 psi. Released and reversed out. POH.
7. Ran 4-7/8" bit, scaper and DC's on 2-7/8" tbg. Drilled out to 3230. Circulated hole clean and tested squeeze to 1500 psi. POH.
8. Drilled out cmt plugs to 3225' ±. Circulated hole clean. Tested all squeezes to 500 psi.
9. Spotted 50 gal. 15% NEHCL 3210-3160. POH w/tbg. & bit.
10. Used GO int. to perforate 3190-3210 with 4" O.D. DML XXIII (23 gm. charge, .40" hole). Perf 1JSJF 921 holes) by Schumberger CNL dated 2-12-77.
11. Ran 2-7/8" tbg. with Baker RDG. Set packer at 3100 ±.
12. Acidized perfs 3190-3210 with 1000 gal. 15% NEHCL w/30-7/8 REN Balls spaced thru-out Pump at 2-3 BPM rate, maximum pressure 3500. Flush with lease water.
13. Swabed back load and acid water. (continued on attached sheet)

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

SIGNED

TITLE Office Assistant

DATE 4-14-77

(This space for Federal or State office use)

APPROVED BY

TITLE ACTING DISTRICT ENGINEER

DATE APR 19 1977

CONDITIONS OF APPROVAL, IF ANY:

14. Frac with 9000 gal. Acid K-frac (2/3 oil, 1/3 15% HCL) with 4000# 100 mesh sand and 8500# 20-40.

Pump as follows:

1000 gal. K-frac pad

1000 gal K-frac w/2# 100 mesh per gallon.

1000 gal. K-frac pad

1000 gal. K-frac w/2# 100 mesh per gallon.

1000 gal. K-frac w/1# 20-40 sd per gallon

1000 gal. K-frac w/1-1/2# 20-40 sd per gallon

3000 gal. K-frac w/2# 20-40 sd per gallon

Flush with lease crude, pump at 8-10 BPM, maximum pressure 3500. Shut well in overnight.

15. Swabed well to check for sand entry. POH w/tbg. and packer. Cleaned out any fill if necessary.

16. Put well on production and tested.

Test 4-13-77 24hrs. P 2 BO 70 BW Gas ISTM