

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on  
reverse side)Form approved  
Budget Bureau No. 42-10000

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

|                                                                                                                                                                                                                                 |  |                                                                          |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------|--|
| 1a. TYPE OF WELL:<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____                                                                                    |  | 5. LEASE DESIGNATION AND SERIAL NO.<br>NM 14938                          |  |
| b. TYPE OF COMPLETION:<br>NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____ |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____                               |  |
| 2. NAME OF OPERATOR<br>Sun Oil Company                                                                                                                                                                                          |  | 7. UNIT AGREEMENT NAME _____                                             |  |
| 3. ADDRESS OF OPERATOR<br>P.O. Box 1861 Midland, Texas 79702                                                                                                                                                                    |  | 8. FARM OR LEASE NAME<br>Tonto Federal                                   |  |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface 660' FNL, 660' FWL, Sec. 27, 19S, 32E HOBBS, NEW MEXICO<br>At top prod. interval reported below<br>At total depth    |  | 9. WELL NO.<br>1                                                         |  |
| 14. PERMIT NO. _____ DATE ISSUED JUN 17 1977                                                                                                                                                                                    |  | 10. FIELD AND POOL, OR WILDCAT<br>East Lusk-Wolfcamp                     |  |
| 15. DATE SPUDDED 12/1/76                                                                                                                                                                                                        |  | 11. SEC. T. R. M., OR BLOCK AND SURVEY OR AREA<br>Sec 27, T-19-S, R-32-E |  |
| 16. DATE T.D. REACHED 12/29/77                                                                                                                                                                                                  |  | 12. COUNTY OR PARISH<br>Lea                                              |  |
| 17. DATE COMPL. (Ready to prod.) 3/10/77                                                                                                                                                                                        |  | 13. STATE<br>N.M.                                                        |  |
| 18. ELEVATIONS (DS, RKB, RT, GR, ETC.)*<br>RKB-3606, GR 3588                                                                                                                                                                    |  | 19. ELEV. CASINGHEAD _____                                               |  |
| 20. TOTAL DEPTH, MD & TVD 10780                                                                                                                                                                                                 |  | 21. PLUG BACK T.D., MD & TVD 10660                                       |  |
| 22. IF MULTIPLE COMPL., HOW MANY* _____                                                                                                                                                                                         |  | 23. INTERVALS DRILLED BY ROTARY TOOLS<br>0-10780                         |  |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND T.D.)*<br>East Lusk, Wolfcamp                                                                                                                           |  | 25. WAS OPERATOR SURVEY MADE<br>Yes                                      |  |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>FDC-CNL-GR                                                                                                                                                                              |  | 27. WAS WELL CORDED<br>NO                                                |  |

| 28. CASING RECORD (Report all strings set in well) |                 |                |           |                  |               |
|----------------------------------------------------|-----------------|----------------|-----------|------------------|---------------|
| CASING SIZE                                        | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT CEMENT |
| 13 3/8                                             | 48              | 512            | 17 1/2    | 450 Sx           |               |
| 9 5/8                                              | 32 & 40         | 4532           | 12 1/4    | 3345 Sx          |               |
| 5 1/2                                              | 17 & 15.5       | 10780          | 8 3/4     | 630 Sx           |               |

| 29. LINER RECORD |          |             |               |             | 30. TUBING RECORD |                |                 |
|------------------|----------|-------------|---------------|-------------|-------------------|----------------|-----------------|
| SIZE             | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE              | DEPTH SET (MD) | PACKER SET (MD) |
|                  |          |             |               |             | 2 7/8             | 4082           | None            |

| 31. PERFORATION RECORD (Interval, size and number) |                | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                                  |
|----------------------------------------------------|----------------|------------------------------------------------|----------------------------------|
| INTERVAL                                           | HOLES          | DEPTH INTERVAL (MD)                            | AMOUNT AND KIND OF MATERIAL USED |
| 10660-68                                           | 1 JSPF 9 holes |                                                |                                  |
| 10102-06                                           | Sqzd w/Cement  | 10660-68                                       | 3100 Gal 15% CRA Acid            |

| 33. PRODUCTION                   |                         |                                                                                            |                              |                |                  |                                                 |                       |
|----------------------------------|-------------------------|--------------------------------------------------------------------------------------------|------------------------------|----------------|------------------|-------------------------------------------------|-----------------------|
| DATE FIRST PRODUCTION<br>3/12/77 |                         | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)<br>1 1/2" Insert Pump |                              |                |                  | WELL STATUS (Producing or shut in)<br>Producing |                       |
| DATE OF TEST<br>3/19/77          | HOURS TESTED<br>24      | CHOKE SIZE<br>-                                                                            | PROD'N. FOR TEST PERIOD<br>→ | OIL—BBL.<br>6  | GAS—MCF.<br>10   | WATER—BBL.<br>22                                | GAS OIL RATIO<br>1667 |
| FLOW. TUBING PRESS.<br>-         | CASING PRESSURE<br>Pkr. | CALCULATED 24-HOUR RATE<br>→                                                               | OIL—BBL.<br>6                | GAS—MCF.<br>10 | WATER—BBL.<br>22 | OIL GRAVITY-API (CORR.)<br>44.5                 |                       |

|                                                                    |                         |
|--------------------------------------------------------------------|-------------------------|
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br>Sold | TEST WITNESSED BY _____ |
|--------------------------------------------------------------------|-------------------------|

35. LIST OF ATTACHMENTS \_\_\_\_\_

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

Office Assistant

DATE

6/16/77

\*(See Instructions and Spaces for Additional Data on Reverse Side)

FILE

JUN 21 1977

OIL CONSERVATION COMM.  
HOBBS, N. M.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE  
(Other instructions on reverse side)Form approved.  
Budget Bureau No. 4-1-101  
5. LEASE DESIGNATION AND SERIAL NO.

NM 14931

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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>                                                                               |  | 7. UNIT AGREEMENT NAME                                         |  |
| 2. NAME OF OPERATOR<br>Sun Oil Company                                                                                                                                                         |  | 8. FARM OR LEASE NAME<br>Tonto Federal                         |  |
| 3. ADDRESS OF OPERATOR<br>P. O. Box 1861, Midland, TX 79702                                                                                                                                    |  | 9. WELL NO.<br>1                                               |  |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State Geological Survey. See also space 17 below.)<br>At surface<br>660 FNL, 660 FWL of Sec. 27, TNSP 19S,<br>Rg. 32E. |  | 10. FIELD AND POOL, OR WILDCAT<br>East Lusk                    |  |
| 14. PERMIT NO.<br>Blanket                                                                                                                                                                      |  | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA<br>27-19S-32E |  |
| 15. ELEVATIONS (Show whether DF, RT, GL, etc.)<br>RKB 3606, GR 3588                                                                                                                            |  | 12. COUNTY OR PARISH<br>Lea                                    |  |

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

| NOTICE OF INTENTION TO:                      |                                               | SUBSEQUENT REPORT OF:                          |                                          |
|----------------------------------------------|-----------------------------------------------|------------------------------------------------|------------------------------------------|
| TEST WATER SHUT-OFF <input type="checkbox"/> | PULL OR ALTER CASING <input type="checkbox"/> | WATER SHUT-OFF <input type="checkbox"/>        | REPAIRING WELL <input type="checkbox"/>  |
| FRACTURE TREAT <input type="checkbox"/>      | MULTIPLE COMPLETE <input type="checkbox"/>    | FRACTURE TREATMENT <input type="checkbox"/>    | ALTERING CASING <input type="checkbox"/> |
| SHOOT OR ACIDIZE <input type="checkbox"/>    | ABANDON* <input type="checkbox"/>             | SHOOTING OR ACIDIZING <input type="checkbox"/> | ABANDONMENT* <input type="checkbox"/>    |
| REPAIR WELL <input type="checkbox"/>         | CHANGE PLANS <input type="checkbox"/>         | (Other) <u>Sqze and recomplete</u>             |                                          |

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

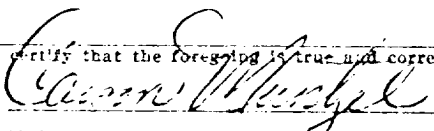
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of start of proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this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

Note: Abandon East Lusk Bone Spring zone and recomplete J in the Wolfcamp Zone.

- 3-3-77 Howco squeezed perms 10102-10106 with 100 sacks class -H- cement reversed out 5 sacks cement.
- 3-4-77 Ran 4-3/4" to 10000' to drill retainer and cement.
- 3-5-77 Drilled retainer and cement from 10016' to 10108' fell thru. tested casing to 1000 PSI ok. Circulated hole clean.
- 3-8-77 Ran 2-7/8" Tubing with MH-2 PKR and set PHK at 9876'.
- 3-9-77 Ran swab on fluid entry overnite. Wellex perf, Wolfcamp Zone 10660-10668 ITSPF 9 holes.
- 3-10-77 Acidize Prefs 10660-10668 with 600 gal 15% NEHCL acid and flushed with 60 Bbls of brine water, Swabbed 2 hours recovered 60 BLAW.
- 3-11-77 Swabbed 4 hours Rec. 12 BLAW and 23 BW with good show gas.
- 3-12-77 Started testing zone.

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

SIGNED



TITLE

Office Assistant

DATE

6-17-77

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

DATE

JUN 20 1977

U. S. GEOLOGICAL SURVEY  
HOBBS, NEW MEXICO

\*See Instructions on Reverse Side

RECEIVED

JUN 21 1977

OIL CONSERVATION BOARD  
HOUSTON, TEXAS