Form C-105
Revised 10-1-78

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

| NO. OF COPIES RECEIVED | | |
|---|---|---|
| DISTRIBUTION | | |
| SANTA FE | ✓ | |
| FILE | ✓ | ✓ |
| U.S.G.S. | ✓✓ | |
| LAND OFFICE | ✓ | |
| ~~OPERATOR~~ BAM | ✓ | |

# OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

RECEIVED BY
OCT 03 1984
O. C. D.
ARTESIA, OFFICE

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] OTHER

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEPEN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] OTHER

2. Name of Operator: Tenneco Oil Company

3. Address of Operator: 7990 IH 10 West, San Antonio, Texas 78230

4. Location of Well: UNIT LETTER N LOCATED 660 FEET FROM THE south LINE AND 1980 FEET FROM THE West LINE OF SEC. 36 TWP. 18S RGE. 29E NMPM

5a. Indicate Type of Lease: State [X] Fee [ ]
5. State Oil & Gas Lease No.:
7. Unit Agreement Name:
8. Farm or Lease Name: State JL 36
9. Well No.: 2
10. Field and Pool, or Wildcat: ~~Und~~ S. Leo Queen ~~Sc.~~ (Grayburg)
12. County: Eddy

| 15. Date Spudded | 16. Date T.D. Reached | 17. Date Compl. (Ready to Prod.) | 18. Elevations (DF, RKB, RT, GR, etc.) | 19. Elev. Cashinghead |
|---|---|---|---|---|
| 8/21/84 | 8/30/84 | 9/17/84 | 3427' GL | 3427' |

| 20. Total Depth | 21. Plug Back T.D. | 22. If Multiple Compl., How Many | 23. Intervals Drilled By | Rotary Tools | Cable Tools |
|---|---|---|---|---|---|
| 3250' | 3208' | - | → | 3250' | - |

24. Producing Interval(s), of this completion — Top, Bottom, Name: 2408'-2420' Queen

25. Was Directional Survey Made: Yes

26. Type Electric and Other Logs Run: CNL

27. Was Well Cored: no

28. CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|---|---|---|---|---|---|
| 8 5/8" | 32 & 24 | 335.51 | 12¼" | 200 sxs | 0 |
| 5 ½" | 15.5 | 3271.06 | 7 7/8" | 700 sxs | 0 |
| | | | | | |
| | | | | | |

29. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN |
|---|---|---|---|---|
| | | | | |
| | | | | |

30. TUBING RECORD

| SIZE | DEPTH SET | PACKER SET |
|---|---|---|
| 2 3/8" | 2521' | NA |
| | | |

31. Perforation Record (Interval, size and number)

2,408'-2420'. 52 holes of .34"

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|---|---|
| 2408'-2420' | 500 gals, NEFE Acid |
| 2408'-2420' | 2000 gals, NEFE Acid + 400 #Rock salt |
| 2408'-2420' | 40,000 gals, 70 foam, + 62,000 # 12/20 sand |

33. PRODUCTION

| Date First Production | Production Method (Flowing, gas lift, pumping — Size and type pump) | Well Status (Prod. or Shut-in) |
|---|---|---|
| 9/19/84 | pumping | producing |

| Date of Test | Hours Tested | Choke Size | Prod'n. For Test Period → | Oil — Bbl. | Gas — MCF | Water — Bbl. | Gas — Oil Ratio |
|---|---|---|---|---|---|---|---|
| 9/22/84 | 24 | - | → | 29 | TSTM | 2 | - |

| Flow Tubing Press. | Casing Pressure | Calculated 24-Hour Rate → | Oil — Bbl. | Gas — MCF | Water — Bbl. | Oil Gravity — API (Corr.) |
|---|---|---|---|---|---|---|
| - | - | → | 29 | TSTM | 2 | 36.1 |

34. Disposition of Gas (Sold, used for fuel, vented, etc.): Vented

Test Witnessed By: Don Caldwell

35. List of Attachments

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED [signature] TITLE Div. Drilling Superintendent DATE 9/25/84

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

| Southeastern New Mexico | | | | Northwestern New Mexico | | | |
|---|---|---|---|---|---|---|---|
| T. Anhy | | T. Canyon | | T. Ojo Alamo | | T. Penn. "B" | |
| T. Salt | | T. Strawn | | T. Kirtland-Fruitland | | T. Penn. "C" | |
| B. Salt | 1104 | T. Atoka | | T. Pictured Cliffs | | T. Penn. "D" | |
| T. Yates | | T. Miss | | T. Cliff House | | T. Leadville | |
| T. 7 Rivers | 1656 | T. Devonian | | T. Menefee | | T. Madison | |
| T. Queen | 2308 | T. Silurian | | T. Point Lookout | | T. Elbert | |
| T. Grayburg | 2648 | T. Montoya | | T. Mancos | | T. McCracken | |
| T. San Andres | 2760 | T. Simpson | | T. Gallup | | T. Ignacio Qtzte | |
| T. Glorieta | | T. McKee | | Base Greenhorn | | T. Granite | |
| T. Paddock | | T. Ellenburger | | T. Dakota | | T. | |
| T. Blinebry | | T. Gr. Wash | | T. Morrison | | T. | |
| T. Tubb | | T. Granite | | T. Todilto | | T. | |
| T. Drinkard | | T. Delaware Sand | | T. Entrada | | T. | |
| T. Abo | | T. Bone Springs | | T. Wingate | | T. | |
| T. Wolfcamp | | T. | | T. Chinle | | T. | |
| T. Penn. | | T. | | T. Permian | | T. | |
| T. Cisco (Bough C) | | T. | | T. Penn. "A" | | T. | |

## OIL OR GAS SANDS OR ZONES

No. 1, from 2483 to 2501 No. 4, from 1592 to 1600

No. 2, from 2407 to 2420 No. 5, from ..... to .....

No. 3, from 1657 to 1673 No. 6, from ..... to .....

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from ..... to ..... feet. .....

No. 2, from ..... to ..... feet. .....

No. 3, from ..... to ..... feet. .....

No. 4, from ..... to ..... feet. .....

## FORMATION RECORD (Attach additional sheets if necessary)

| From | To | Thickness in Feet | Formation | From | To | Thickness in Feet | Formation |
|---|---|---|---|---|---|---|---|
| | | | | | | | |