

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

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

Form C-105  
Revised 10-8-8

1a. Indicate Type of Lease  
State ☒ Free ☐

5. State Oil & Gas Lease No.  
**A-1320**

**1a. TYPE OF WELL**  
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER \_\_\_\_\_

**b. TYPE OF COMPLETION**  
NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☒ DIFF. RESVR. ☐ OTHER \_\_\_\_\_

7. Unit Agreement Name \_\_\_\_\_

8. Name of Lease Name  
**Exxon State**

2. Name of Operator  
**V-F Petroleum Inc.**

9. Well No.  
**1**

3. Address of Operator  
**One Marienfeld Place, Suite 580, Midland, Texas 79701**

10. Field and Pool, or Wildcat  
**Vacuum Wolfcamp NE**

4. Location of Well  
UNIT LETTER **E** LOCATED **1980** FEET FROM THE **north** LINE AND **660** FEET FROM

11. Locality  
**Lea**

THE **west** LINE OF SEC. **33** TWP. **16S** RGE. **35E** NMPM

|                                    |                                         |                                                    |                                                           |                                      |
|------------------------------------|-----------------------------------------|----------------------------------------------------|-----------------------------------------------------------|--------------------------------------|
| 15. Date Spudded<br><b>1-11-88</b> | 16. Date T.D. Reached<br><b>1-13-88</b> | 17. Date Compl. (Ready to Prod.)<br><b>2-16-88</b> | 18. Elevations (DF, RAB, RT, GR, etc.)<br><b>3997' GL</b> | 19. Elev. Casinghead<br><b>3999'</b> |
|------------------------------------|-----------------------------------------|----------------------------------------------------|-----------------------------------------------------------|--------------------------------------|

|                                   |                                      |                                        |                                                                                |
|-----------------------------------|--------------------------------------|----------------------------------------|--------------------------------------------------------------------------------|
| 20. Total Depth<br><b>11,201'</b> | 21. Plug Back T.D.<br><b>11,029'</b> | 22. If Multiple Compl., How Many _____ | 23. Intervals Drilled By<br>Rotary Tools <b>0-11,029'</b><br>Cable Tools _____ |
|-----------------------------------|--------------------------------------|----------------------------------------|--------------------------------------------------------------------------------|

24. Producing Interval(s), of this completion - Top, Bottom, Name  
**Wolfcamp 10,790-10,807'**

25. Was Directional Survey Made  
**No**

26. Type Electric and Other Logs Run  
**CBL, CCL, GR**

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 |
| 13-3/8"                                            | 61#            | 470'      | 17-1/2"   | 740 sx           | None          |
| 8-5/8"                                             | 32#            | 5020'     | 12-1/4"   | 2450 sx          | None          |
| 5-1/2"                                             | 20# & 17#      | 11195'    | 7-7/8"    | 865 sx           | None          |

| 29. LINER RECORD |     |        |              |        | 30. TUBING RECORD |           |            |
|------------------|-----|--------|--------------|--------|-------------------|-----------|------------|
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE              | DEPTH SET | PACKER SET |
|                  |     |        |              |        | 2-3/8"            | 10,674'   | 10,602'    |

|                                                    |            |   |  |                                                |                               |  |  |
|----------------------------------------------------|------------|---|--|------------------------------------------------|-------------------------------|--|--|
| 31. Perforation Record (Interval, size and number) |            |   |  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                               |  |  |
| 10,790-93'                                         | 0.50" diam | 7 |  | DEPTH INTERVAL                                 | AMOUNT AND KIND MATERIAL USED |  |  |
| 10,795-96'                                         | 0.50" diam | 3 |  | 10,790-10,807'                                 | 500 gal. 15% NE-FE HCl acid   |  |  |
| 10,805-07'                                         | 0.50" diam | 5 |  |                                                |                               |  |  |

33. PRODUCTION

|                                         |                                                                                       |                                                |
|-----------------------------------------|---------------------------------------------------------------------------------------|------------------------------------------------|
| Date First Production<br><b>2-10-88</b> | Production Method (Flowing, gas lift, pumping - Size and type pump)<br><b>Flowing</b> | Well Status (Prod. or Shut-in)<br><b>Prod.</b> |
| Date of Test<br><b>2-11-88</b>          | Hours Tested<br><b>24 hrs.</b>                                                        | Choke Size<br><b>10/64"</b>                    |
| Flow Tubing Press.<br><b>480#</b>       | Casing Pressure<br><b>0</b>                                                           | Calculated 24-Hour Rate<br><b>88</b>           |
|                                         | Oil - Bbl.<br><b>88</b>                                                               | Gas - MCF<br><b>114</b>                        |
|                                         | Water - Bbl.<br><b>11</b>                                                             | Gas - Oil Ratio<br><b>1.30</b>                 |

34. Disposition of Gas (Sold, used for fuel, vented, etc.) \_\_\_\_\_

Test Witnessed By \_\_\_\_\_

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 Karen Cajiao TITLE Staff Engineer DATE Feb. 16, 1988

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 30 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" _____      |
| Rustler _____            | T. Atoka _____         | T. Pictured Cliffs _____    | T. Penn. "D" _____      |
| D. Salt _____ 1930       | T. Miss _____          | T. Cliff House _____        | T. Leadville _____      |
| T. Yates _____ 3143      | T. Devonian _____      | T. Menefee _____            | T. Madison _____        |
| T. 7 Rivers _____        | T. Silurian _____      | T. Point Lookout _____      | T. Elbert _____         |
| T. Queen _____ 4080      | T. Montoya _____       | T. Mancos _____             | T. McCracken _____      |
| T. Grayburg _____        | T. Simpson _____       | T. Gallup _____             | T. Ignacio Qtzite _____ |
| T. San Andres _____ 4836 | T. McKee _____         | Base Greenhorn _____        | T. Granite _____        |
| T. Glorieta _____ 6354   | T. Ellenburger _____   | T. Dakota _____             | T. _____                |
| T. Paddock _____         | T. Gr. Wash _____      | T. Morrison _____           | T. _____                |
| T. Blinbry _____         | T. Granite _____       | T. Todilto _____            | T. _____                |
| T. Tubb _____ 7630       | T. Delaware Sand _____ | T. Entrada _____            | T. _____                |
| T. Drinkard _____        | T. Bone Springs _____  | T. Wingate _____            | T. _____                |
| T. Abo _____ 8432        | T. _____               | T. Chinle _____             | T. _____                |
| T. Wolfcamp _____ 10212  | T. _____               | T. Permian _____            | T. _____                |
| T. Penn. _____           | T. _____               | T. Penn. "A" _____          | T. _____                |
| T. Cisco (Bough C) _____ | T. _____               |                             |                         |

## OIL OR GAS SANDS OR ZONES

|                            |                            |
|----------------------------|----------------------------|
| No. 1, from _____ to _____ | No. 4, from _____ to _____ |
| No. 2, from _____ to _____ | No. 5, from _____ to _____ |
| No. 3, from _____ to _____ | 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        |
|------|------|-------------------|----------------|-------|-------|-------------------|------------------|
| 0    | 470  | 470               | Surface        | 9980  | 10043 | 63                | Lime-Dolo        |
| 470  | 1965 | 1495              | Redbed         | 10043 | 10097 | 54                | Lime-Shale-Dolo  |
| 1965 | 3102 | 1137              | Redbed-Anhy    | 10097 | 10185 | 88                | Lime-Dolo        |
| 3102 | 3716 | 614               | Anhy-Salt      | 10185 | 10385 | 200               | Lime             |
| 3716 | 4082 | 366               | Anhy-Lime-Salt | 10385 | 10469 | 84                | Lime-Chert       |
| 4082 | 4230 | 148               | Anhy-Salt      | 10469 | 10636 | 167               | Lime-Chert-Sand  |
| 4230 | 4391 | 161               | Anhy-Dol-Sand  | 10636 | 10817 | 181               | Lime-Shale       |
| 4391 | 4459 | 68                | Anhy-Dol-Salt  | 10817 | 10940 | 123               | Lime-Sand-Chert  |
| 4459 | 4864 | 405               | Anhy-Dolo      | 10940 | 10976 | 36                | Lime-Chert-Shale |
| 4864 | 4949 | 85                | Anhy-Dolo-Lime | 10976 | 11029 | 53                | Shale-Lime       |
| 4949 | 5249 | 300               | Dolo-Lime      |       |       |                   |                  |
| 5249 | 6346 | 1097              | Lime           |       |       |                   |                  |
| 6346 | 9980 | 3634              | Lime-Sand      |       |       |                   |                  |

RECEIVED  
FEB 18 1988  
OCD  
HOBBS OFFICE