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

Form O-105  
Revised 10-68

|                                |                                         |
|--------------------------------|-----------------------------------------|
| 6a. Indicate Type of Lease     |                                         |
| State <input type="checkbox"/> | Fee <input checked="" type="checkbox"/> |
| 6b. State Oil & Gas Lease No.  |                                         |
|                                |                                         |

| 1a. TYPE OF WELL                                                                                                                                                                                                        |                               |                                                                     |                                        |                                                                                                                                                                                                                                                  |                                | 7. Unit Agreement Name          |                 |                |                               |                 |                             |  |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------------------------------------------------------|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------|-----------------|----------------|-------------------------------|-----------------|-----------------------------|--|--|--|--|
| OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>                                                                              |                               |                                                                     |                                        |                                                                                                                                                                                                                                                  |                                | 8. Name of Lease                |                 |                |                               |                 |                             |  |  |  |  |
| b. TYPE OF COMPLETION                                                                                                                                                                                                   |                               |                                                                     |                                        |                                                                                                                                                                                                                                                  |                                | 9. Well No.                     |                 |                |                               |                 |                             |  |  |  |  |
| NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/> |                               |                                                                     |                                        |                                                                                                                                                                                                                                                  |                                | Cox                             |                 |                |                               |                 |                             |  |  |  |  |
| 2. Name of Operator                                                                                                                                                                                                     |                               |                                                                     |                                        |                                                                                                                                                                                                                                                  |                                | 10. Field and Pool, or Wildcat  |                 |                |                               |                 |                             |  |  |  |  |
| V-F Petroleum Inc.                                                                                                                                                                                                      |                               |                                                                     |                                        |                                                                                                                                                                                                                                                  |                                | Knowles S. Devonian             |                 |                |                               |                 |                             |  |  |  |  |
| 3. Address of Operator                                                                                                                                                                                                  |                               |                                                                     |                                        |                                                                                                                                                                                                                                                  |                                |                                 |                 |                |                               |                 |                             |  |  |  |  |
| One Marienfeld Place, Suite 580, Midland, Texas 79701                                                                                                                                                                   |                               |                                                                     |                                        |                                                                                                                                                                                                                                                  |                                |                                 |                 |                |                               |                 |                             |  |  |  |  |
| 4. Location of well:                                                                                                                                                                                                    |                               |                                                                     |                                        |                                                                                                                                                                                                                                                  |                                |                                 |                 |                |                               |                 |                             |  |  |  |  |
| UNIT LETTER <u>F</u> LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>1980</u> FEET FROM                                                                                                                      |                               |                                                                     |                                        |                                                                                                                                                                                                                                                  |                                | 11. County                      |                 |                |                               |                 |                             |  |  |  |  |
| THE <u>West</u> LINE OF SEC. <u>13</u> TWP. <u>17-S</u> RGE. <u>38-E</u> NMPM                                                                                                                                           |                               |                                                                     |                                        |                                                                                                                                                                                                                                                  |                                | Lea                             |                 |                |                               |                 |                             |  |  |  |  |
| 15. Date Spudded                                                                                                                                                                                                        | 16. Date T.D. Reached         | 17. Date Compl. (Ready to Prod.)                                    | 18. Elevations (DF, RKB, RT, GR, etc.) | 19. Elev. Casinghead                                                                                                                                                                                                                             |                                |                                 |                 |                |                               |                 |                             |  |  |  |  |
| 10-20-79                                                                                                                                                                                                                | 11-30-79                      | 2-1-80                                                              | 3685.4' GR 3700' KB                    | 3685'                                                                                                                                                                                                                                            |                                |                                 |                 |                |                               |                 |                             |  |  |  |  |
| 20. Total Depth                                                                                                                                                                                                         | 21. Plug Back T.D.            | 22. If Multiple Compl., How Many                                    | 23. Intervals Drilled By               | Rotary Tools                                                                                                                                                                                                                                     | Cable Tools                    |                                 |                 |                |                               |                 |                             |  |  |  |  |
| 12,168'                                                                                                                                                                                                                 | 12,168'                       |                                                                     | →                                      | 0-12,168                                                                                                                                                                                                                                         |                                |                                 |                 |                |                               |                 |                             |  |  |  |  |
| 24. Producing interval(s), of this completion - Top, Bottom, Name                                                                                                                                                       |                               |                                                                     |                                        |                                                                                                                                                                                                                                                  |                                | 25. Was Directional Survey Made |                 |                |                               |                 |                             |  |  |  |  |
| Perforations 12,120 - 12,134'; open hole 12,147 - 12,168'                                                                                                                                                               |                               |                                                                     |                                        |                                                                                                                                                                                                                                                  |                                | No                              |                 |                |                               |                 |                             |  |  |  |  |
| 26. Type Electric and Other Logs Run                                                                                                                                                                                    |                               |                                                                     |                                        |                                                                                                                                                                                                                                                  |                                | 27. Was Well Cored              |                 |                |                               |                 |                             |  |  |  |  |
| Gamma Ray - Neutron                                                                                                                                                                                                     |                               |                                                                     |                                        |                                                                                                                                                                                                                                                  |                                | No                              |                 |                |                               |                 |                             |  |  |  |  |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                      |                               |                                                                     |                                        |                                                                                                                                                                                                                                                  |                                |                                 |                 |                |                               |                 |                             |  |  |  |  |
| CASING SIZE                                                                                                                                                                                                             | WEIGHT LB./FT.                | DEPTH SET                                                           | HOLE SIZE                              | CEMENTING RECORD                                                                                                                                                                                                                                 |                                | AMOUNT PULLED                   |                 |                |                               |                 |                             |  |  |  |  |
| 12-3/4                                                                                                                                                                                                                  | 36                            | 365                                                                 | 15                                     | 450 sx Class C (circ to surf)                                                                                                                                                                                                                    |                                | 0                               |                 |                |                               |                 |                             |  |  |  |  |
| 8-5/8                                                                                                                                                                                                                   | 24# & 32#                     | 5,017                                                               | 11-1/4                                 | 1200 sx Howcolite; 300 sx Neat (circ to surf)                                                                                                                                                                                                    |                                | 0                               |                 |                |                               |                 |                             |  |  |  |  |
| 5-1/2                                                                                                                                                                                                                   | 17# & 20#                     | 12,147                                                              | 8-3/4                                  | 2505 sx                                                                                                                                                                                                                                          |                                | 0                               |                 |                |                               |                 |                             |  |  |  |  |
| 29. LINER RECORD                                                                                                                                                                                                        |                               |                                                                     |                                        | 30. TUBING RECORD                                                                                                                                                                                                                                |                                |                                 |                 |                |                               |                 |                             |  |  |  |  |
| SIZE                                                                                                                                                                                                                    | TOP                           | BOTTOM                                                              | SACKS CEMENT                           | SCREEN                                                                                                                                                                                                                                           | SIZE                           | DEPTH SET                       | PACKER SET      |                |                               |                 |                             |  |  |  |  |
|                                                                                                                                                                                                                         |                               |                                                                     |                                        |                                                                                                                                                                                                                                                  | 2-3/8                          | 12,166                          | 12,031          |                |                               |                 |                             |  |  |  |  |
| 31. Perforation Record (Interval, size and number)                                                                                                                                                                      |                               |                                                                     |                                        | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                                                                                                                                   |                                |                                 |                 |                |                               |                 |                             |  |  |  |  |
| 12,120 - 12,134' 1 size 0.42" jet charge/ft<br>Total 15 holes                                                                                                                                                           |                               |                                                                     |                                        | <table border="1"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>12,120 - 12,168</td> <td>4000 gal 15% HCL (3 stages)</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table> |                                |                                 |                 | DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED | 12,120 - 12,168 | 4000 gal 15% HCL (3 stages) |  |  |  |  |
| DEPTH INTERVAL                                                                                                                                                                                                          | AMOUNT AND KIND MATERIAL USED |                                                                     |                                        |                                                                                                                                                                                                                                                  |                                |                                 |                 |                |                               |                 |                             |  |  |  |  |
| 12,120 - 12,168                                                                                                                                                                                                         | 4000 gal 15% HCL (3 stages)   |                                                                     |                                        |                                                                                                                                                                                                                                                  |                                |                                 |                 |                |                               |                 |                             |  |  |  |  |
|                                                                                                                                                                                                                         |                               |                                                                     |                                        |                                                                                                                                                                                                                                                  |                                |                                 |                 |                |                               |                 |                             |  |  |  |  |
|                                                                                                                                                                                                                         |                               |                                                                     |                                        |                                                                                                                                                                                                                                                  |                                |                                 |                 |                |                               |                 |                             |  |  |  |  |
| Also: Open hole from 12,147 - 12,168'                                                                                                                                                                                   |                               |                                                                     |                                        |                                                                                                                                                                                                                                                  |                                |                                 |                 |                |                               |                 |                             |  |  |  |  |
| 33. PRODUCTION                                                                                                                                                                                                          |                               |                                                                     |                                        |                                                                                                                                                                                                                                                  |                                |                                 |                 |                |                               |                 |                             |  |  |  |  |
| Date First Production                                                                                                                                                                                                   |                               | Production Method (Flowing, gas lift, pumping - Size and type pump) |                                        |                                                                                                                                                                                                                                                  | Well Status (Prod. or Shut-in) |                                 |                 |                |                               |                 |                             |  |  |  |  |
| 12-9-79                                                                                                                                                                                                                 |                               | Flowing                                                             |                                        |                                                                                                                                                                                                                                                  | Producing                      |                                 |                 |                |                               |                 |                             |  |  |  |  |
| Date of Test                                                                                                                                                                                                            | Hours Tested                  | Choke Size                                                          | Prod'n. Per Test Period                | Oil - Bbl.                                                                                                                                                                                                                                       | Gas - MCF                      | Water - Bbl.                    | Gas - Oil Ratio |                |                               |                 |                             |  |  |  |  |
| 2-4-80                                                                                                                                                                                                                  | 24                            | 12/64                                                               | →                                      | 88                                                                                                                                                                                                                                               | 29.0                           | 0                               | 330-1           |                |                               |                 |                             |  |  |  |  |
| Flow Tubing Press.                                                                                                                                                                                                      | Casing Pressure               | Calculated 24-Hour Rate                                             | Oil - Bbl.                             | Gas - MCF                                                                                                                                                                                                                                        | Water - Bbl.                   | Oil Gravity - API (Corr.)       |                 |                |                               |                 |                             |  |  |  |  |
| 160                                                                                                                                                                                                                     | Pkr                           | →                                                                   | 88                                     | 29.0                                                                                                                                                                                                                                             | 0                              | 43                              |                 |                |                               |                 |                             |  |  |  |  |
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.)                                                                                                                                                              |                               |                                                                     |                                        |                                                                                                                                                                                                                                                  |                                | Test Witnessed By               |                 |                |                               |                 |                             |  |  |  |  |
| Vented - will be sold to Phillips upon completion                                                                                                                                                                       |                               |                                                                     |                                        |                                                                                                                                                                                                                                                  |                                | Curtis Hatcher                  |                 |                |                               |                 |                             |  |  |  |  |
| 35. List of Attachments                                                                                                                                                                                                 |                               |                                                                     |                                        |                                                                                                                                                                                                                                                  |                                |                                 |                 |                |                               |                 |                             |  |  |  |  |
| Deviation surveys      Electric Log                                                                                                                                                                                     |                               |                                                                     |                                        |                                                                                                                                                                                                                                                  |                                |                                 |                 |                |                               |                 |                             |  |  |  |  |
| 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 <u>V. F. Vasicek</u> V. F. Vasicek    TITLE <u>President &amp; Pet. Engineer</u> DATE <u>2-7-80</u>                                                                                                              |                               |                                                                     |                                        |                                                                                                                                                                                                                                                  |                                |                                 |                 |                |                               |                 |                             |  |  |  |  |

# 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 radioactivity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured to the top of the formation. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 15 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 1175.

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

### Southeastern New Mexico

### Northwestern New Mexico

|                           |                           |                             |                         |
|---------------------------|---------------------------|-----------------------------|-------------------------|
| T. Anhy <u>2335</u>       | T. Canyon _____           | T. Ojo Alamo _____          | T. Penn. "B" _____      |
| T. Salt <u>2420</u>       | T. Strawn _____           | T. Kirtland Fruitland _____ | T. Penn. "C" _____      |
| T. Salt <u>4700</u>       | T. Atoka _____            | T. Pictured Cliffs _____    | T. Penn. "D" _____      |
| T. Yates _____            | T. Miss <u>11,320</u>     | T. Cliff House _____        | T. Leadville _____      |
| T. 7 Rivers _____         | T. Devonian <u>12,098</u> | T. Menefee _____            | T. Madison _____        |
| T. Queen _____            | T. Silurian _____         | T. Point Lookout _____      | T. Elbert _____         |
| T. Grayburg _____         | T. Montoya _____          | T. Mancos _____             | T. McCracken _____      |
| T. San Andres <u>5435</u> | T. Simpson _____          | T. Gallup _____             | T. Ignacio Qtzite _____ |
| T. Glorieta <u>6855</u>   | T. McKee _____            | T. Base Greenhorn _____     | T. Granite _____        |
| T. Paddock _____          | T. Ellenburger _____      | T. Dakota _____             | T. _____                |
| T. Blinberry _____        | 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 <u>9315</u>   | 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 12,120 to 12,168 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 NA 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    | 364    | 364               | Surface hole                     |      |    |                   |           |
|      | 2335   | 1971              | Red bed                          |      |    |                   |           |
|      | 4700   | 2365              | Anhydrite & salt                 |      |    |                   |           |
|      | 5435   | 735               | Shale & anhydrite                |      |    |                   |           |
|      | 6855   | 1420              | Dolomite & lime                  |      |    |                   |           |
|      | 8500   | 1645              | Shale & lime                     |      |    |                   |           |
|      | 11,320 | 2820              | Shale, sand & lime               |      |    |                   |           |
|      | 12,098 | 778               | Lime                             |      |    |                   |           |
|      | 12,168 | 70                | Dolomite TD in Devonian Dolomite |      |    |                   |           |

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