

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies  
**DISTRICT I**  
P.O. Box 1980, Hobbs, NM 88240

**DISTRICT II**  
P.O. Drawer DD, Artesia, NM 88210

**DISTRICT III**  
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-105  
Revised 1-1-89

**OIL CONSERVATION DIVISION**  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

|                                                                                                     |
|-----------------------------------------------------------------------------------------------------|
| WELL API NO.                                                                                        |
| 30-025-31005                                                                                        |
| 5. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No.                                                                        |

**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 _____                                                                                 |                                   | 7. Lease Name or Unit Agreement Name<br><br>Lea YL State |                                                                                          |
| b. Type of Completion:<br>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 _____ |                                   | 8. Well No.<br>2                                         |                                                                                          |
| 2. Name of Operator<br>Chevron U.S.A. Inc.                                                                                                                                                                                   |                                   | 9. Pool name or Wildcat<br>Shipp/Strawn                  |                                                                                          |
| 3. Address of Operator<br>P.O. Box 1150, Midland, Texas 79702                                                                                                                                                                |                                   |                                                          |                                                                                          |
| 4. Well Location<br>Unit Letter J : 2230 Feet From The South Line and 2310 Feet From The East Line<br>Section 2 Township 17 S Range 37 E NMPM Lea County                                                                     |                                   |                                                          |                                                                                          |
| 10. Date Spudded<br>10/16/90                                                                                                                                                                                                 | 11. Date T.D. Reached<br>11/26/90 | 12. Date Compl. (Ready to Prod.)<br>12/12/90             | 13. Elevations (DF & RKB, RT, GR, etc.)<br>3757.9 GR                                     |
| 14. Elev. Casinghead                                                                                                                                                                                                         |                                   |                                                          |                                                                                          |
| 15. Total Depth<br>11827                                                                                                                                                                                                     | 16. Plug Back T.D.<br>11800       | 17. If Multiple Compl. How Many Zones?                   | 18. Intervals Drilled By<br>Rotary Tools <input checked="" type="checkbox"/> Cable Tools |
| 19. Producing Interval(s), of this completion - Top, Bottom, Name<br>11693 Top 11712 Bottom Shipp Strawn                                                                                                                     |                                   |                                                          | 20. Was Directional Survey Made<br>Yes                                                   |
| 21. Type Electric and Other Logs Run<br>Sonic-CBL-GR & CCL                                                                                                                                                                   |                                   |                                                          | 22. Was Well Cored<br>No                                                                 |

**CASING RECORD (Report all strings set in well)**

| CASING SIZE | WEIGHT LB/FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD       | AMOUNT PULLED |
|-------------|---------------|-----------|-----------|------------------------|---------------|
| 11 3/4"     | 42#           | 460'      | 14 3/4"   | 320sx Circ 92sx        | -----         |
| 8 5/8"      | 32#           | 4473'     | 11"       | 1150sx Circ. 47sx      | -----         |
| 5 1/2"      | 15.5# & 17#   | 11,827'   | 7 7/8"    | 250sx TOC@11,210(T.S.) | -----         |
|             |               |           |           |                        |               |
|             |               |           |           |                        |               |

| 24. LINER RECORD |     |        |              |        | 25. TUBING RECORD |           |            |
|------------------|-----|--------|--------------|--------|-------------------|-----------|------------|
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE              | DEPTH SET | PACKER SET |
|                  |     |        |              |        | 2 7/8"            | 11,643'   | 11,650'    |
|                  |     |        |              |        |                   |           |            |

|                                                                                                                         |                                                 |                                              |
|-------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|----------------------------------------------|
| 26. Perforation record (interval, size, and number)<br>11,693-11712 w/4" guns HSC select fire<br>40 holes total, 2 JHPF | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |                                              |
|                                                                                                                         | DEPTH INTERVAL                                  | AMOUNT AND KIND MATERIAL USED                |
|                                                                                                                         | 11693-11712                                     | 3000 gals 28% acid & 27 tons CO <sub>2</sub> |

| 28. PRODUCTION                    |                      |                                                                                |                        |                   |                   |                                                |                         |
|-----------------------------------|----------------------|--------------------------------------------------------------------------------|------------------------|-------------------|-------------------|------------------------------------------------|-------------------------|
| Date First Production<br>12/12/90 |                      | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>Flowing |                        |                   |                   | Well Status (Prod. or Shut-in)<br>Prod         |                         |
| Date of Test<br>12/14/90          | Hours Tested<br>24   | Choke Size<br>24/64                                                            | Prod'n For Test Period | Oil - Bbl.<br>105 | Gas - MCF<br>150  | Water - Bbl.<br>0                              | Gas - Oil Ratio<br>1429 |
| Flow Tubing Press.<br>75          | Casing Pressure<br>0 | Calculated 24-Hour Rate                                                        | Oil - Bbl.<br>105      | Gas - MCF<br>150  | Water - Bbl.<br>0 | Oil Gravity - API - (Corr.)<br>39.4@60 degrees |                         |

|                                                                               |                   |
|-------------------------------------------------------------------------------|-------------------|
| 29. Disposition of Gas (Sold, used for fuel, vented, etc.)<br>vented, (temp.) | Test Witnessed By |
|-------------------------------------------------------------------------------|-------------------|

30. List Attachments

31. 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

Signature D.M. Bohon Printed Name D.M. Bohon Title Tech. Assistant Date 12/18/90

# 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 25 through 29 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

T. Anhy \_\_\_\_\_  
T. Salt 2258  
B. Salt 3158  
T. Yates 3338  
T. 7 Rivers 3628  
T. Queen 4283  
T. Grayburg \_\_\_\_\_  
T. San Andres 5148  
T. Glorieta 6653  
T. Paddock \_\_\_\_\_  
T. Blinebry \_\_\_\_\_  
T. Tubb 8428  
T. Drinkard \_\_\_\_\_  
T. Abo 9061  
T. Wolfcamp \_\_\_\_\_  
T. Penn \_\_\_\_\_  
T. Cisco (Bough C) \_\_\_\_\_

T. Canyon 11,170  
T. Strawn 11,514  
T. Atoka 11,760  
T. Miss \_\_\_\_\_  
T. Devonian \_\_\_\_\_  
T. Silurian \_\_\_\_\_  
T. Montoya \_\_\_\_\_  
T. Simpson \_\_\_\_\_  
T. McKee \_\_\_\_\_  
T. Ellenburger \_\_\_\_\_  
T. Gr. Wash \_\_\_\_\_  
T. Delaware Sand \_\_\_\_\_  
T. Bone Springs \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_

### Northwestern New Mexico

T. Ojo Alamo \_\_\_\_\_  
T. Kirtland-Fruitland \_\_\_\_\_  
T. Pictured Cliffs \_\_\_\_\_  
T. Cliff House \_\_\_\_\_  
T. Menefee \_\_\_\_\_  
T. Point Lookout \_\_\_\_\_  
T. Mancos \_\_\_\_\_  
T. Gallup \_\_\_\_\_  
Base Greenhorn \_\_\_\_\_  
T. Dakota \_\_\_\_\_  
T. Morrison \_\_\_\_\_  
T. Todilto \_\_\_\_\_  
T. Entrada \_\_\_\_\_  
T. Wingate \_\_\_\_\_  
T. Chinle \_\_\_\_\_  
T. Permian \_\_\_\_\_  
T. Penn "A" \_\_\_\_\_

T. Penn. "B" \_\_\_\_\_  
T. Penn. "C" \_\_\_\_\_  
T. Penn. "D" \_\_\_\_\_  
T. Leadville \_\_\_\_\_  
T. Madison \_\_\_\_\_  
T. Elbert \_\_\_\_\_  
T. McCracken \_\_\_\_\_  
T. Ignacio Otzte \_\_\_\_\_  
T. Granite \_\_\_\_\_  
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### OIL OR GAS SANDS OR ZONES

No. 1, from 11693 to 11710  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 4, 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

### LITHOLOGY RECORD (Attach additional sheet if necessary)

| From  | To    | Thickness<br>in Feet | Lithology                 | From | To | Thickness<br>in Feet | Lithology |
|-------|-------|----------------------|---------------------------|------|----|----------------------|-----------|
| 0     | 2123  | 2123                 | Redbeds                   |      |    |                      |           |
| 2123  | 3158  | 1035                 | Anhydrite & Salt          |      |    |                      |           |
| 3158  | 3338  | 180                  | Anhydrite                 |      |    |                      |           |
| 3338  | 5148  | 1810                 | Sand, Anhydrite, Dolomite |      |    |                      |           |
| 5148  | 6653  | 1505                 | Dolomite                  |      |    |                      |           |
| 6653  | 8428  | 1775                 | Sand, Dolomite            |      |    |                      |           |
| 8428  | 9061  | 663                  | Sand w/Dolomite           |      |    |                      |           |
| 9061  | 9562  | 501                  | Lime                      |      |    |                      |           |
| 9562  | 11710 | 1608                 | Dolomite                  |      |    |                      |           |
| 11710 | 11514 | 344                  | Lime                      |      |    |                      |           |
| 11514 | 11830 | 316                  | Sand, Shale               |      |    |                      |           |