Submit To Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 South First, Artesia, NM 88210

State of New Mexico

Form C-105 Revised March 25, 1999

Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION

WELL API NO. 30-045-30858

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| ಾ. | ına   | cate | Type    | 1 1O           | _ease |
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|    |       | CTA  | TT      | 14A I          |       |

| District III<br>1000 Rio Brazos Rd.,  | Aztec, NM 87410          |                    |             | 2040 South Pacheco FEB 2002 |             |                     | 2   | 5. Indicate Type of Lease STATE FEE                          |          |              |             |                     |  |
|---|--------------------------|--------------------|-------------|-----------------------------|-------------|---------------------|---|--|----------|--------------|-------------|---------------------|--|
| District IV<br>2040 South Pacheco, S  | anta Fe. NM 87505        | Santa Fe, NM 87505 |             |                             |             |                     |   | State Oil & Gas Lease No.                                    |          |              |             |                     |  |
| WELL COMPLETION OR RECOMPLETION REPORT AND LOG  |                          |                    |             |                             |             |                     |   |  |          |              |             |                     |  |
| la. Type of Well: OIL WELL GAS WELL DRY OTHER   |                          |                    |             |                             |             |                     | 1   | 7. Lease Name or Unit Agreement Name                         |          |              |             |                     |  |
| b. Type of Completion:  NEW WORK PLUG DIFF.  WELL XX OVER DEEPEN BACK RESVR. OTHER                        |                          |                    |             |                             |             |                     |   | HOODOO (28928)   |          |              |             |                     |  |
| 2. Name of Operator   |                          |                    |             |                             |             |                     |   | 8. Well No.  |          |              |             |                     |  |
| MERRION OIL & GAS CORPORATION (014634)  |                          |                    |             |                             |             |                     |   | 001  |          |              |             |                     |  |
| 3. Address of Operator  |                          |                    |             |                             |             |                     |   | 9. Pool name or Wildcat                                      |          |              |             |                     |  |
| 610 REILLY AVENUE, FARMINGTON, NM 87401   |                          |                    |             |                             |             |                     |   | BASIN FRUITLAND (71629)                                      |          |              |             |                     |  |
| 4. Well Location  |                          |                    |             |                             |             |                     |   |  |          |              |             |                     |  |
| Unit Letter   | A:                       | <u>660</u> Feet    | Fron        | The North                   | L           | ine and             | _66                                       | <b>60</b> Fe   | et From  | The          | Eas         | t <u> </u>          |  |
| Section   | 16                       | Township           |             | 5N Rang                     |             | BW .                |   | IMPM   |          | n Jua        |             | County              |  |
| 10. Date Spudded  | 11. Date T.D. Read       | thed 12. D         | ate C       | Compl. (Ready to Prod       | l.)   1.    | 3. Elevations       | s (DF                                     | & RKB, RT,   | GR, etc. | .)   1       | .4. Elev. ( | Casinghead          |  |
| 11/29/01  | 12/03/01                 |                    |             | 2/05/02                     |             |                     | 632                                       | 2' <i>G</i> L  |          |              |             |                     |  |
| 15. Total Depth   | 16. Plug B               | ack T.D.           |             | Multiple Compl. How nes?    | Many        | 18. Interva         |   | Rotary Tools   | S        |              | Cable To    | pols                |  |
| 1500'   | 147                      | 9'                 | 201         | ics:                        |             | Drilled By          |   | 0-   | TD       |              |             |                     |  |
| 19. Producing Interv  | al(s), of this completi  | on - Top, Botton   | , Na        | me                          |             | I                   |   |  |          | s Direc      | tional Su   | rvey Made           |  |
|   | 221'-1238' and           | 1244'-125          | 8'          |                             |             |                     |   |  | No       | •            |             |                     |  |
| 21. Type Electric an  |                          |                    |             |                             | <u> </u>    |                     |   | 22. Was Well Cored   |          |              |             |                     |  |
| IND/DEN/NEU   | T/GR AND GR/             | CCL                |             |                             |             |                     | İ   | No   |          |              |             |                     |  |
| 23.   |                          | (                  | CAS         | SING RECOR                  | D (Rep      | ort all st          | ring                                      | gs set in  |          |              | ··          |                     |  |
| CASING SIZE   |                          | LB./FT.            |             | DEPTH SET                   | НО          | LE SIZE             |   | CEMENTIN   |          | ORD          | A۱          | MOUNT PULLED        |  |
| 7"  | 23                       |                    | 134' KB     |                             | 8-3/4"      |                     |   | 60 sxs (71 cu.ft.)   |          |              |             |                     |  |
| 4-1/2"  | 11.0                     | #                  | 1522' KB    |                             | 6-1/4"      |                     |   | 220 sxs (378 cu.ft.)   |          | .ft.)        |             |                     |  |
|   |                          | <del></del>        |             |                             |             |                     | -   |  |          |              |             |                     |  |
| 24.   |                          | 1                  | INI         | ER RECORD                   |             | 1                   | 25.                                       |  | TUBIN    | G DE         | CORD        |                     |  |
| SIZE  | TOP                      | BOTTOM             | J11 11      | SACKS CEMENT                | SCREEN      |                     | 43.                                       | SIZE   |          | DEPTH        |             | PACKER SET          |  |
|   |                          |                    |             |                             |             |                     |   | 2-3/8"   |          | 1281'        |             |                     |  |
| 26 Porfortion as  | cord (interval, size, an | d accomplisation   |             |                             | 25 16       | D. SVIOT            | ED 4                                      | COM ID D   | T) (T) ( | <b>m</b> aor | venee       |                     |  |
| 26. Perforation rec   | ord (interval, size, an  | a number)          |             |                             |             | D, SHOT,<br>NTERVAL | FKA                                       | RACTURE, CEMENT, SQUEEZE, ETC. AMOUNT AND KIND MATERIAL USED |          |              |             |                     |  |
| Fruitland: 122  | 1'-1238' and 1           | 244-1258'          |             |                             | 1221'-      |                     |   | Frac'd w/125,000# of 20/40 Brady sand                        |          |              |             |                     |  |
| (3 spf - EHD:   | 0.34" - total o          | f 93 holes)        |             |                             |             |                     |   | in 20# Q x-linked (Delta 140 fluid).                         |          |              |             |                     |  |
|   |                          |                    |             |                             |             |                     |   | Total fluid pumped: 1582 bbls                                |          |              |             |                     |  |
| 28  |                          |                    |             | PRO                         | DUCT        | ION                 |   |  |          |              |             |                     |  |
| Date First Productio  | n                        | Production Meth    | od (        | Flowing gas lift numr       | ning - Si-e | ind tune min        | an)                                       | 1  | Wel      | 1 Status     | (Prod o     | r Shut_in)          |  |
| Date First Production Production Method (Flowing, gas lift, pumping - Size and type pump)  2/5/02 Pumping |                          |                    |             |                             |             | Ψ)                  | Well Status (Prod. or Shut-in)  Producing |  |          |              |             |                     |  |
| Date of Test  | Hours Tested             | Choke Size         | ; ]         | Prod'n For                  | Oil - Bbl   |                     | Gas                                       | - MCF  | Wat      | ter - Bb     |             | Gas - Oil Ratio     |  |
| 2/6/02  | 24                       |                    | Test Period |                             |             | o                   |   | 0 2  |          | 22           | 25          |                     |  |
| Flow Tubing Press.  | Casing Pressure          | Calculated 24      |             | Oil - Bbl.                  | 1           | MCF                 | V   | Vater - Bbl.   |          |              |             | PI - <i>(Corr.)</i> |  |
| O psig  | 0 psig                   | Hour Rate          |             | 0                           | 1           | 0                   |   | 225  |          |              | -           |                     |  |
| -   | as (Sold, used for fue   | , vented, etc.)    |             |                             | t           |                     |   |  | Test     | Vitness      | ed By       |                     |  |
| Vented<br>30. List Attachment   | <del> </del>             |                    |             | <del> </del>                |             |                     |   |  | TIM      | MERI         | LATT        |                     |  |
| Jo. Diat Attachinicht   |                          |                    |             |                             |             |                     |   |  |          |              |             |                     |  |

fy that the information shown on both sides of this form as true and complete to the best of my knowledge and belief 31 .I hereby cer

Printed Name

Steven S. Dunn

Drig & Prod Title Manager

2/8/02 Date

## **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

|               |         |   | tern New Mexico                  |   |   |   | Northwest    | em New Mexico    |             |  |
|---------------|---------|---|----------------------------------|---|---|---|--------------|------------------|-------------|--|
| Γ. Anhy       |         |   |                                  |   | T. Ojo Alamo T. Kirtland-Fruitland_920' |   |              | T. Penn. "B"     |             |  |
| Γ. Salt       |         | <u>, , , , , , , , , , , , , , , , , , , </u> | T. Strawn                        |   |   |   |              |                  |             |  |
| B. Salt       |         |   | T. Atoka                         | <u>T</u>                                | . Pictured                              | l Cliffs_                                     | 1276         | T. Penn. "D"     |             |  |
| I. Yates      |         |   | I. Miss                          | Т                                       | Cliff Ho                                | ouse  | <del></del>  | _ T. Leadville   |             |  |
| T. 7 Riv      | ers     |   | T. Devonian                      | 1                                       | . Menefe                                | e   |              | T. Madison       |             |  |
| 1. Queen      | n       |   | 1. Siturian                      | 1                                       | . Point Lo                              | ookout_                                       |              | T. Elbert        |             |  |
| T. Grayl      | ourg    |   | T. Montoya                       | Т                                       | . Mancos                                |   |              | T. McCracken     |             |  |
| T. San A      | \ndres  |   | T. Simpson                       | 1                                       | . Gallup_                               | · <u>· · · · · · · · · · · · · · · · · · </u> |              | T. Ignacio Otzte |             |  |
| T. Glori      | eta     |   | T. McKee                         | E                                       | Base Green                              | nhorn   |              | T. Granite       |             |  |
| T. Paddo      | ock     |   | T. Ellenburger                   | T                                       | C. Dakota                               |   |              | T                |             |  |
| T. Bline      | bry     |   | T. Gr. Wash                      | Т                                       | <ol> <li>Morriso</li> </ol>             | n   |              | Т.               |             |  |
| $T.Tubb_{\_}$ |         |   | T. Delaware Sand                 | Т                                       | T.Todilto                               |   |              | _                |             |  |
| T. Drink      | card    | ·   | T. Bone Springs                  | 1                                       | T. Entrada                              |   |              | 1                |             |  |
| T. Abo        |         |   | T                                |   | T. Wingate                              |   |              | _ * '            |             |  |
| T. Wolf       | camp    |   | T                                | 1                                       | T. Chinle                               |   |              | T                | ···         |  |
|               |         |   |                                  |   | r Darmia                                |   |              |                  |             |  |
| T. Penn       | /Danah  | <u>C)</u>                                     | T<br>T                           | 1                                       | T. Permian<br>T. Penn "A"               |   |              | T                |             |  |
| 1. Cisco      | (Bougn  | C)  | 1.                               |   | i.Peini F                               | `   | · · · ·      | T                | OD CAC      |  |
|               |         |   |                                  |   |   |   |              |                  | OR GAS      |  |
|               | _       |   |                                  |   |   |   |              |                  | OR ZONES    |  |
| No. 1, 1      | from    |   | to                               | • • • • •                               | No. 3, fi                               | rom   |              | to               |             |  |
| No. 2, 1      | from    |   | to                               |   | No. 4, fi                               | rom   |              | to               |             |  |
|               |         |   | IMPORTA                          | ANT WA                                  | <b>ITER S</b>                           | ANDS  | 3            |                  |             |  |
| Include       | data on | rate of wate                                  | er inflow and elevation to which |   |   |   |              |                  |             |  |
|               |         |   | to                               |   |   |   | feet         |                  |             |  |
| 190. 1, 1     |         | •       | to                               |   |   |   | foot         |                  | •••••       |  |
| 140. 2, 1     | iom     | •       |                                  | • | • • • • • • • • • •                     | • • • • • • • •                               | teet         |                  | •••••       |  |
| No. 3, 1      | rom     |   | to                               |   |   |   |              |                  |             |  |
|               |         | I   | LITHOLOGY RECO                   | RD (At                                  | tach ado                                | litiona                                       | l sheet if n | ecessary)        |             |  |
|               |         | Thickness                                     |                                  | <del></del>                             |   |   | Thickness    |                  |             |  |
| From          | To      | In Feet                                       | Lithology                        |   | From                                    | То  | In Feet      | Litholog         | . <b>y</b>  |  |
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