

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

OIL CONSERVATION DIVISION

2040 Pacheco St.  
Santa Fe, NM 87505

Form C-105  
Revised 1-1-89

|                                                                                                     |
|-----------------------------------------------------------------------------------------------------|
| WELL API NO.<br>30-025-27498                                                                        |
| 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>Pennzoil State |  |
| b. Type of Completion:<br>NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> DEEP RESVR <input type="checkbox"/> OTHER _____ |                                  |                                             |                                                    | 8. Well No.<br>4                                           |  |
| 2. Name of Operator<br>Gruy Petroleum Management Company                                                                                                                                                                     |                                  |                                             |                                                    | 9. Pool name or Wildcat<br>Lovington Wolfcamp; NE          |  |
| 3. Address of Operator<br>P.O. Box 140907, Irving, TX 75014-0907                                                                                                                                                             |                                  |                                             |                                                    |                                                            |  |
| 4. Well Location<br>Unit Letter E : 1980' Feet From The North Line and 660' Feet From The West Line<br>Section 18 Township 16S Range 37E NMPM Lea County                                                                     |                                  |                                             |                                                    |                                                            |  |
| 10. Date Spudded<br>1-28-04                                                                                                                                                                                                  | 11. Date T.D. Reached<br>2-03-04 | 12. Date Compl. (Ready to Prod.)<br>3-01-04 | 13. Elevations (DFA, RKB, RT, GR, etc.)<br>3851 GR | 14. Elev. Casinghead                                       |  |
| 15. Total Depth<br>11473'                                                                                                                                                                                                    | 16. Plug Back T.D.<br>10930'     | 17. If Multiple Compl. How Many Zones?      | 18. Intervals Drilled By<br>Rotary Tools           | Cable Tools<br>All                                         |  |
| 19. Producing Interval(s), of this completion - Top, Bottom, Name<br>10670' - 10710' Wolfcamp                                                                                                                                |                                  |                                             |                                                    | 20. Was Directional Survey Made<br>No                      |  |
| 21. Type Electric and Other Logs Run                                                                                                                                                                                         |                                  |                                             |                                                    | 22. Was Well Cored<br>No                                   |  |

|                                                    |               |           |           |                            |               |
|----------------------------------------------------|---------------|-----------|-----------|----------------------------|---------------|
| 23. CASING RECORD (Report all strings set in well) |               |           |           |                            |               |
| CASING SIZE                                        | WEIGHT LB/FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD           | AMOUNT PULLED |
| 13 3/8"                                            | 54.5# H-40    | 401'      | 17 1/2"   | 475 sx Prem Sur            |               |
| 8 5/8"                                             | 32 # J-55     | 4300'     | 12 1/4"   | 600 sx Prem circ Sur       |               |
| 4 1/2"                                             | 11.6 #        | 11473'    | 7 7/8"    | 1150 sx Interfil TOC 6690' |               |
|                                                    |               |           |           |                            |               |
|                                                    |               |           |           |                            |               |

|                                                                                      |     |        |              |                                                                                                                                                                                              |        |           |            |
|--------------------------------------------------------------------------------------|-----|--------|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------|------------|
| 24. LINER RECORD                                                                     |     |        |              | 25. TUBING RECORD                                                                                                                                                                            |        |           |            |
| SIZE                                                                                 | TOP | BOTTOM | SACKS CEMENT | SCREEN                                                                                                                                                                                       | SIZE   | DEPTH SET | PACKER SET |
|                                                                                      |     |        |              |                                                                                                                                                                                              | 2 3/8" | 240364'   |            |
| 26. Perforation record (interval, size, and number)<br>10670' - 10710' 2SPF 82 Holes |     |        |              | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.<br>DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED<br>10670' - 10710' 1000 gal 15% HCL NEFE<br>4831' - 6215' sqz casing leak w 750 sx Prem Plus |        |           |            |

|                                                                    |                       |                                                                                                 |                        |                 |                  |                                             |                        |
|--------------------------------------------------------------------|-----------------------|-------------------------------------------------------------------------------------------------|------------------------|-----------------|------------------|---------------------------------------------|------------------------|
| 28. PRODUCTION                                                     |                       |                                                                                                 |                        |                 |                  |                                             |                        |
| Date First Production<br>3-1-04                                    |                       | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>20-125-RHBM-28-6-02 Pump |                        |                 |                  | Well Status (Prod. or Shut-in)<br>Producing |                        |
| Date of Test<br>3-14-04                                            | Hours Tested<br>24    | Choke Size                                                                                      | Prod'n For Test Period | Oil - Bbl<br>19 | Gas - MCF<br>15  | Water - Bbl<br>4                            | Gas - Oil Ratio<br>790 |
| Flow Tubing Press.<br>150                                          | Casing Pressure<br>50 | Calculated 24-Hour Rate                                                                         | Oil - Bbl<br>19        | Gas - MCF<br>15 | Water - Bbl<br>4 | Oil Gravity - API - (Corr.)                 |                        |
| 29. Disposition of Gas (Sold, used for fuel, vented, etc.)<br>Sold |                       |                                                                                                 |                        |                 |                  | Test Witnessed By                           |                        |

|                                                                                                                                        |  |                              |  |       |  |              |  |
|----------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------|--|-------|--|--------------|--|
| 30. List Attachments<br>C-102                                                                                                          |  |                              |  |       |  |              |  |
| 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 <u>Natalie Kreuger</u>                                                                                                       |  | Printed Name Natalie Kreuger |  | Title |  | Date 4-19-04 |  |

2A Lovington Upper Penn NE

# 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 quinquuplicate 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 _____            | T. Atoka _____         | T. Pictured Cliffs _____    | T. Penn. "D" _____     |
| T. Yates _____           | T. Miss _____          | T. Cliff House _____        | T. Leadville _____     |
| T. 7 Rivers _____        | T. Devonian _____      | T. Menefee _____            | T. Madison _____       |
| T. Queen _____           | T. Silurian _____      | T. Point Lookout _____      | T. Elbert _____        |
| T. Grayburg _____        | T. Montoya _____       | T. Mancos _____             | T. McCracken _____     |
| T. San Andres _____      | T. Simpson _____       | T. Gallup _____             | T. Ignacio Otzte _____ |
| 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. Delaware Sand _____ | T. Todilto _____            | T. _____               |
| T. Drinkard _____        | T. Bone Springs _____  | T. Entrada _____            | T. _____               |
| T. Abo _____             | T. _____               | T. Wingate _____            | T. _____               |
| T. Wolfcamp _____        | T. Wolcamp 10650 _____ | 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 ..... to .....  
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 |
|------|----|----------------------|-----------|
|      |    |                      |           |

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-102  
Revised February 21, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                         |  |                                                             |  |                                                    |                                 |
|-----------------------------------------|--|-------------------------------------------------------------|--|----------------------------------------------------|---------------------------------|
| <sup>1</sup> API Number<br>30-025-27498 |  | <sup>2</sup> Pool Code<br>41060                             |  | <sup>3</sup> Pool Name<br>Lovington; Wolfcamp N.E. |                                 |
| <sup>4</sup> Property Code<br>29037     |  | <sup>5</sup> Property Name<br>Pennzoil State                |  |                                                    | <sup>6</sup> Well Number<br>4   |
| <sup>7</sup> OGRID No.<br>162683        |  | <sup>8</sup> Operator Name<br>Gruy Petroleum Management Co. |  |                                                    | <sup>9</sup> Elevation<br>3864' |

<sup>10</sup> Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| E             | 18      | 16S      | 37E   |         | 1980'         | North            | 660'          | West           | Lea    |

<sup>11</sup> Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
|               |         |          |       |         |               |                  |               |                |        |

|                                     |                               |                                  |                         |
|-------------------------------------|-------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br>40 | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No. |
|-------------------------------------|-------------------------------|----------------------------------|-------------------------|

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

|                                                                                                                                                                                              |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div data-bbox="94 1045 191 1075" data-label="Text">16</div> <div data-bbox="203 1150 235 1234" data-label="Text">1980'</div> <div data-bbox="94 1381 170 1417" data-label="Text">660'</div> |  |  |  |  | <div data-bbox="1076 1018 1555 1054" data-label="Section-Header"><sup>17</sup> OPERATOR CERTIFICATION</div> <div data-bbox="1076 1056 1555 1108" data-label="Text">I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</div> <div data-bbox="1096 1192 1396 1249" data-label="Text">Zeno Farris</div> <div data-bbox="1076 1260 1172 1281" data-label="Text">Signature</div> <div data-bbox="1182 1281 1334 1308" data-label="Text">Zeno Farris</div> <div data-bbox="1076 1316 1211 1339" data-label="Text">Printed Name</div> <div data-bbox="1076 1377 1130 1398" data-label="Text">Title</div> <div data-bbox="1076 1436 1130 1457" data-label="Text">Date</div> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                                                                                                                                                                              |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <div data-bbox="1076 1480 1555 1516" data-label="Section-Header"><sup>18</sup> SURVEYOR CERTIFICATION</div> <div data-bbox="1076 1522 1555 1621" data-label="Text">I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</div> <div data-bbox="1076 1667 1218 1690" data-label="Text">Date of Survey</div> <div data-bbox="1076 1698 1458 1724" data-label="Text">Signature and Seal of Professional Surveyor:</div> <div data-bbox="1076 1896 1253 1921" data-label="Text">Certificate Number</div> |
|                                                                                                                                                                                              |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |