

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**  
2040 Pacheco St.  
Santa Fe, NM 87505

|                              |                                                                        |
|------------------------------|------------------------------------------------------------------------|
| WELL API NO.                 | 30-025-36048                                                           |
| 5. Indicate Type of Lease    | STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No. | 15571                                                                  |

**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 <input type="checkbox"/>                                                                                 | 7. Lease Name or Unit Agreement Name<br><br>State 15 |
| 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 <input type="checkbox"/> |                                                      |
| 2. Name of Operator<br>Purvis Operating Co.                                                                                                                                                                                                     | 8. Well No.<br>2                                     |
| 3. Address of Operator<br>P O Box 11006, Midland, TX 79702-8006                                                                                                                                                                                 | 9. Pool name or Wildcat<br>Lane, Southeast Abo       |

|                                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4. Well Location<br>Unit Letter D : 330 Feet From The North Line and 800 Feet From The West Line<br>Section 15 Township 10S Range 34E NMPM Lea County |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|

|                               |                                     |                                               |                                                    |                               |
|-------------------------------|-------------------------------------|-----------------------------------------------|----------------------------------------------------|-------------------------------|
| 10. Date Spudded<br>12-8-2002 | 11. Date T.D. Reached<br>12-28-2002 | 12. Date Compl. (Ready to Prod.)<br>1-31-2003 | 13. Elevations (DF & RKB, RT, GR, etc.)<br>4200 GR | 14. Elev. Casinghead<br>4200' |
|-------------------------------|-------------------------------------|-----------------------------------------------|----------------------------------------------------|-------------------------------|

|                          |                            |                                        |                                                        |
|--------------------------|----------------------------|----------------------------------------|--------------------------------------------------------|
| 15. Total Depth<br>9100' | 16. Plug Back T.D.<br>9063 | 17. If Multiple Compl. How Many Zones? | 18. Intervals Drilled By<br>Rotary Tools X Cable Tools |
|--------------------------|----------------------------|----------------------------------------|--------------------------------------------------------|

|                                                                                                                |                                       |
|----------------------------------------------------------------------------------------------------------------|---------------------------------------|
| 19. Producing Interval(s), of this completion - Top, Bottom, Name<br>8985 - 96; 9004 - 06; and 9014 - 19 - Abo | 20. Was Directional Survey Made<br>No |
|----------------------------------------------------------------------------------------------------------------|---------------------------------------|

|                                                                                   |                          |
|-----------------------------------------------------------------------------------|--------------------------|
| 21. Type Electric and Other Logs Run<br>DLL-Micro w LL w/GR; Density-Neutron W/GR | 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"                                            | 48             | 430       | 12 1/2"   | 375 sks          | None          |
| 8 5/8"                                             | 24 and 32      | 4116      | 12 1/2"   | 800 sks          | None          |
| 5 1/2"                                             | 17             | 9104      | 7 7/8"    | 1300 sks         | None          |

|                  |     |        |              |        |                   |           |            |
|------------------|-----|--------|--------------|--------|-------------------|-----------|------------|
| 24. LINER RECORD |     |        |              |        | 25. TUBING RECORD |           |            |
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE              | DEPTH SET | PACKER SET |
| None             |     |        |              |        | 2 7/8"            | 9009      | None       |

|                                                                                                                                                              |                                                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| 26. Perforation record (interval, size, and number)<br>8985-96 = 11' @ 4 spf = 44 holes<br>9004-06 = 2' @ 4 spf = 8 holes<br>9014-19 = 5' @ 4 spf = 20 holes | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.<br>DEPTH INTERVAL<br>8985 to 9019<br>AMOUNT AND KIND MATERIAL USED<br>5000 gallons 20% NE/FE acid |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|

|                                  |                                                                                |                         |                        |                  |                     |                                             |                         |
|----------------------------------|--------------------------------------------------------------------------------|-------------------------|------------------------|------------------|---------------------|---------------------------------------------|-------------------------|
| 28. PRODUCTION                   |                                                                                |                         |                        |                  |                     |                                             |                         |
| Date First Production<br>2-11-03 | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>Pumping |                         |                        |                  |                     | Well Status (Prod. or Shut-in)<br>Producing |                         |
| Date of Test<br>2-11-2003        | Hours Tested<br>24                                                             | Choke Size              | Prod'n For Test Period | Oil - Bbl.<br>82 | Gas - MCF<br>152    | Water - Bbl.<br>---                         | Gas - Oil Ratio<br>1854 |
| Flow Tubing Press.<br>N/A        | Casing Pressure<br>N/A                                                         | Calculated 24-Hour Rate | Oil - Bbl.<br>82       | Gas - MCF<br>152 | Water - Bbl.<br>--- | Oil Gravity - API - (Corr.)<br>37           |                         |

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

|                                                            |
|------------------------------------------------------------|
| 30. List Attachments<br>Request to hold logs confidential. |
|------------------------------------------------------------|

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 Donnie E. Brown Printed Name Donnie E. Brown Title Petroleum Engr. Date 2/21/2003

# 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

## 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 _____ 2760      | 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 _____ 4050 | T. Simpson _____       | T. Gallup _____             | T. Ignacio Otzte _____ |
| T. Glorieta _____ 5490   | T. McKee _____         | Base Greenhorn _____        | T. Granite _____       |
| T. Paddock _____         | T. Ellenburger _____   | T. Dakota _____             | T. _____               |
| T. Blinebry _____        | T. Gr. Wash _____      | T. Morrison _____           | T. _____               |
| T. Tubb _____ 7000       | T. Delaware Sand _____ | T. Todilto _____            | T. _____               |
| T. Drinkard _____        | T. Bone Springs _____  | T. Entrada _____            | T. _____               |
| T. Abo _____ 7775        | T. _____               | T. Wingate _____            | T. _____               |
| T. Wolfcamp _____        | 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.....8985.....to.....9019.....  
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 |
|------|----|----------------------|-----------|
|      |    |                      |           |