

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-101

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

|                                                                                                                    |                            |                                                              |                                      |               |              |
|--------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------------------------------------------------|--------------------------------------|---------------|--------------|
| APPLICATION FOR PERMIT TO DRILL, DEEPEN,<br>OR PLUG BACK                                                           |                            | API NO. (assigned by OCD on new well)<br><i>30-045-27769</i> |                                      |               |              |
| -----                                                                                                              |                            | 5. Indicate Type of Lease<br>FEE                             |                                      |               |              |
| -----                                                                                                              |                            | 6. State Oil & Gas Lease No.                                 |                                      |               |              |
| 1a. Type of Work<br>DRILL                                                                                          |                            | 7. Lease Name or Unit Agreement Name<br>MCDURMITT            |                                      |               |              |
| b. Type of Well<br>GAS SINGLE ZONE                                                                                 |                            | <b>RECEIVED</b><br>APR 19 1990<br>OIL CON. DIV<br>DIST. 3    |                                      |               |              |
| 2. Name of Operator<br>MERIDIAN OIL INC.                                                                           |                            | 8. Well No.<br>100                                           |                                      |               |              |
| 3. Address of Operator<br>PO Box 4289, Farmington, NM 87499                                                        |                            | 9. Pool Name or Wildcat<br>BASIN FRUITLAND COAL              |                                      |               |              |
| 4. Well Location<br>Unit letter B 1150' FNL 1485' FEL<br>Section 6 T31N R12W NMPM SAN JUAN COUNTY <i>N/21.2.76</i> |                            |                                                              |                                      |               |              |
| 10. Proposed Depth<br>2243'                                                                                        |                            | 11. Formation<br>FRUITLAND COAL                              |                                      |               |              |
| 12. Rotary or C.T.<br>Rotary                                                                                       |                            |                                                              |                                      |               |              |
| 13. Elevation<br>5900' GL                                                                                          | 14. Bond Type<br>statewide | 15. Drill. Contractor                                        | 16. Est. Start Date<br>upon approval |               |              |
| 17. PROPOSED CASING AND CEMENT PROGRAM                                                                             |                            |                                                              |                                      |               |              |
| SIZE HOLE                                                                                                          | SIZE CASING                | WT. PER FT.                                                  | SET. DEPTH                           | SKS OF CEMENT | EST. TOP     |
| 12 1/4"                                                                                                            | 8 5/8"                     | 24.0#                                                        | 200 ft.                              | 248 cu.ft.    | circ surface |
| 7 7/8"                                                                                                             | 5 1/2"                     | 15.5#                                                        | 2243 ft.                             | 785 cu.ft.    | circ surface |

The Fruitland Coal formation will be completed.  
A minimum 2000 psi working pressure double gate blowout preventer  
equipped with blind and pipe rams will be used for blow out prevention  
on this well. This gas is dedicated.  
The N/2 of Sec 6 is dedicated to this well.

I hereby certify that the information above is true and complete to the best  
of my knowledge and belief.

SIGNATURE *[Signature]* TITLE Reg. Drilling Engr. DATE *4/17/90*

(This space for State Use)

APPROVED BY *[Signature]* TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE *APR 26 1990*

Conditions of approval, if any:

APPROVAL EXPIRES *10-26-90*  
UNLESS DRILLING IS COMMENCED.  
SPUD NOTICE MUST BE SUBMITTED  
WITHIN 10 DAYS.

RECEIVED

APR 19 1964

OIL COMPANY  
NEW YORK

APR 19 1964

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RECEIVED

APR 19 1964  
OIL COMPANY  
NEW YORK

Submit to Appropriate  
District Office  
State Lease - 4 copies  
For Lease - 3 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

|                                                                                                    |              |                                             |                          |                                    |                 |
|----------------------------------------------------------------------------------------------------|--------------|---------------------------------------------|--------------------------|------------------------------------|-----------------|
| Operator<br>Meridian Oil Inc.                                                                      |              |                                             | Lease<br>McDurmitt (Fee) |                                    | Well No.<br>100 |
| Unit Letter<br>B                                                                                   | Section<br>6 | Township<br>31 North                        | Range<br>12 West         | County<br>San Juan                 |                 |
| Actual Footage Location of Well:<br>1150 feet from the North line and 1485 feet from the East line |              |                                             |                          |                                    |                 |
| Ground level Elev.<br>5900'                                                                        |              | Producing Formation<br>Fruitland Coal Basin |                          | Dedicated Acreage:<br>312.76 Acres |                 |

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?  
☐ Yes ☐ No If answer is "yes" type of consolidation \_\_\_\_\_  
If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary).  
No allowable well be assigned to the well until all interests have been consolidated (by communitization, unitization, force-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to best of my knowledge and belief.

Signature  
Peggy Bradfield

Printed Name  
Regulatory Affairs

Position  
Meridian Oil Inc.

Company  
4-17-90

Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
4-3-90

Signature  
Neale C. Edwards

Professional Seal  
NEW MEXICO  
6857  
REGISTERED LAND SURVEYOR

Certification  
Neale C. Edwards

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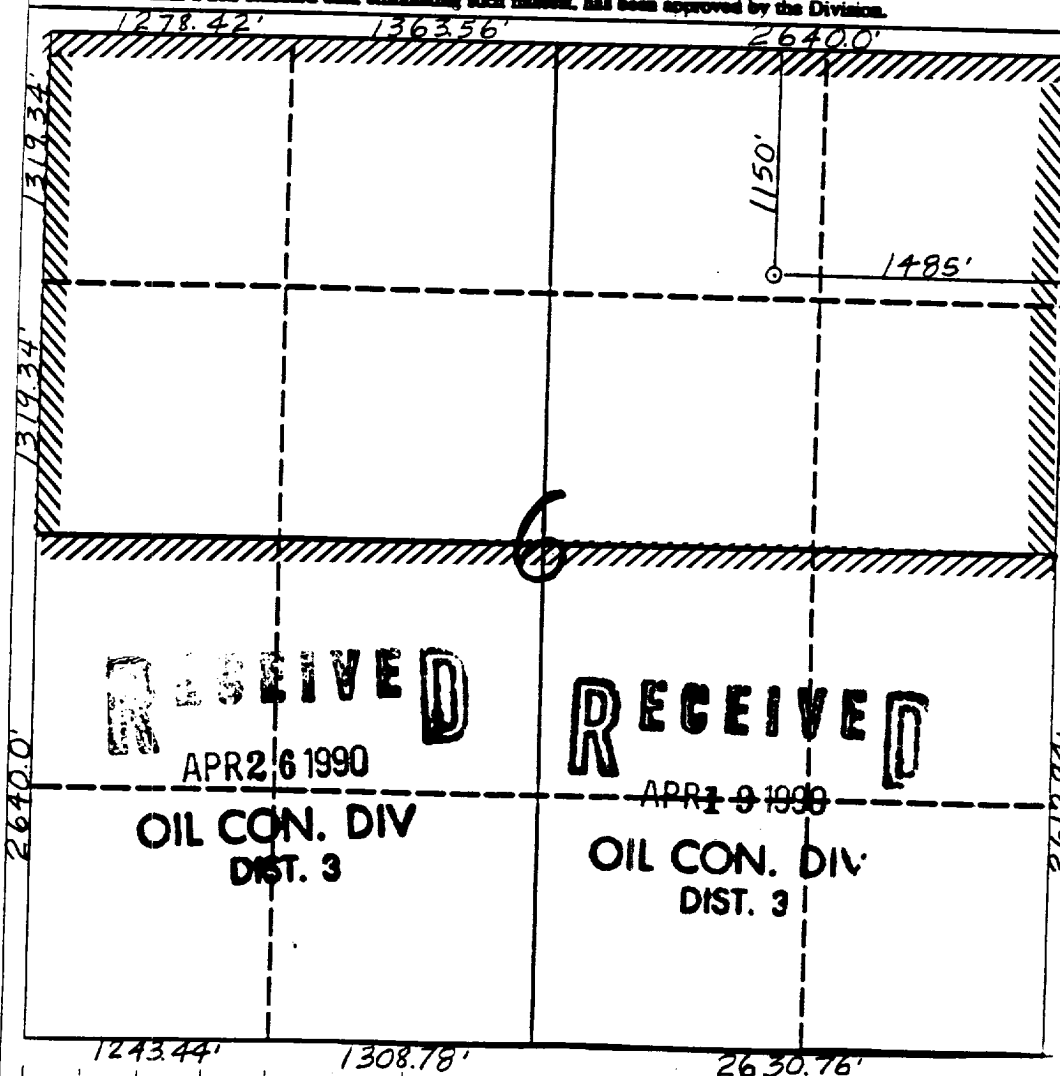
APR 26 1990

OIL CON. DIV  
DIST. 3

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APR 19 1990

OIL CON. DIV  
DIST. 3



0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

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OIL CONT. DIV.  
MAR 3 1968

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OIL CONT. DIV.  
MAR 3 1968