



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING  
GOVERNOR

ANITA LOCKWOOD  
CABINET SECRETARY

March 15, 1994

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87504  
(505) 827-5800

Meridian Oil, Inc.  
P.O. Box 4289  
Farmington, NM 87499-4289

Attention: Peggy Bradfield

*Administrative Order NSL-1123-A*

Dear Ms. Bradfield:

Reference is made to your application dated February 21, 1994 for a non-standard Blanco-Mesaverde gas well location for your existing Klein Well No. 28 (API No. 30-039-22261) which was drilled in 1980 and completed in the Basin-Dakota Pool at a previously approved unorthodox gas well location (Division Administrative Order NSL-1123, dated December 26, 1979) 2170 feet from the South line and 1840 feet from the West line (Unit K) of Section 33, Township 26 North, Range 6 West, NMPM, Rio Arriba County, New Mexico.

It is my understanding that the Blanco Mesaverde gas zone is to be downhole commingled with the Basin-Dakota Pool, and pursuant to the Special Rules and Regulations for the Blanco-Mesaverde Pool, as promulgated by Division Order No. R-8170, as amended, said location is also considered unorthodox.

By the authority granted me under the provisions of Rule 2(d) of said Order No. R-8170, as amended, the above-described unorthodox Blanco-Mesaverde gas well location is hereby approved. Further, the Blanco-Mesaverde interval is to be dedicated to an existing standard 320-acre gas spacing and proration unit, comprising the W/2 of said Section 33, that currently has dedicated thereon the Klein Well No. 7 located in Unit "D" of said Section 33.

All provisions of said Administrative Order NSL-1123 shall remain in full force and effect until further notice.

Sincerely,

William J. LeMay  
Director

WJL/MES/amg

cc: Oil Conservation Division - Aztec  
US Bureau of Land Management - Farmington  
File: NSL-1123

# MERIDIAN OIL

RECEIVED IN DIVISION  
FEB 23 1994  
FEB 23 1994 8 39

February 21, 1994

## Federal Express

Mr. William LeMay  
New Mexico Oil Conservation Division  
310 Old Santa Fe Trail  
Santa Fe, New Mexico 87503

NSL-1123-A

Re: Klein #28  
2170'FSL, 1840'FWL  
Section 33, T-26-N, R-6-W, Rio Arriba County, NM  
API # 30-039-22261

Dear Mr. LeMay:

This is a request for administrative approval for a non-standard gas well location in the Blanco Mesa Verde Pool.

Meridian Oil intends to temporarily abandon this well in the Basin Dakota, recompleate in the Blanco Mesa Verde, and temporarily put on production. The well will then be commingled in the Basin Dakota and Blanco Mesa Verde formations. An application is being made for an area commingle of the entire Klein leases. This well was drilled as a Basin Dakota under NSL-1123 dated December 16, 1979. To comply with the New Mexico Oil Conservation Division rules, Meridian is submitting the following for your approval of this non-standard location:

1. C-102 plat showing location of the well;
2. Plat showing offset owners/operators;
3. Affidavit of notification of offset owners/operators;
4. Copy of Well Completion Log for original completion.

A copy of this application is being submitted to all offset owners/operators by certified mail with a request that they furnish your Santa Fe office with a Waiver of Objection, and return one copy to this office.

Sincerely yours,



Peggy Bradfield  
Regulatory/Compliance Representative

## WAIVER

MERRION OIL & GAS hereby waives objection to Meridian Oil's application for non-standard location for the Klein #28 as proposed above.

By: T. Greg Merrion Date: 3-10-94

xc: Merrion Oil & Gas Corporation  
Robert L. Bayless  
Hondo Oil & Gas Company

RECEIVED  
FEB 23 1994

All distances must be from the outer boundaries of the Section.

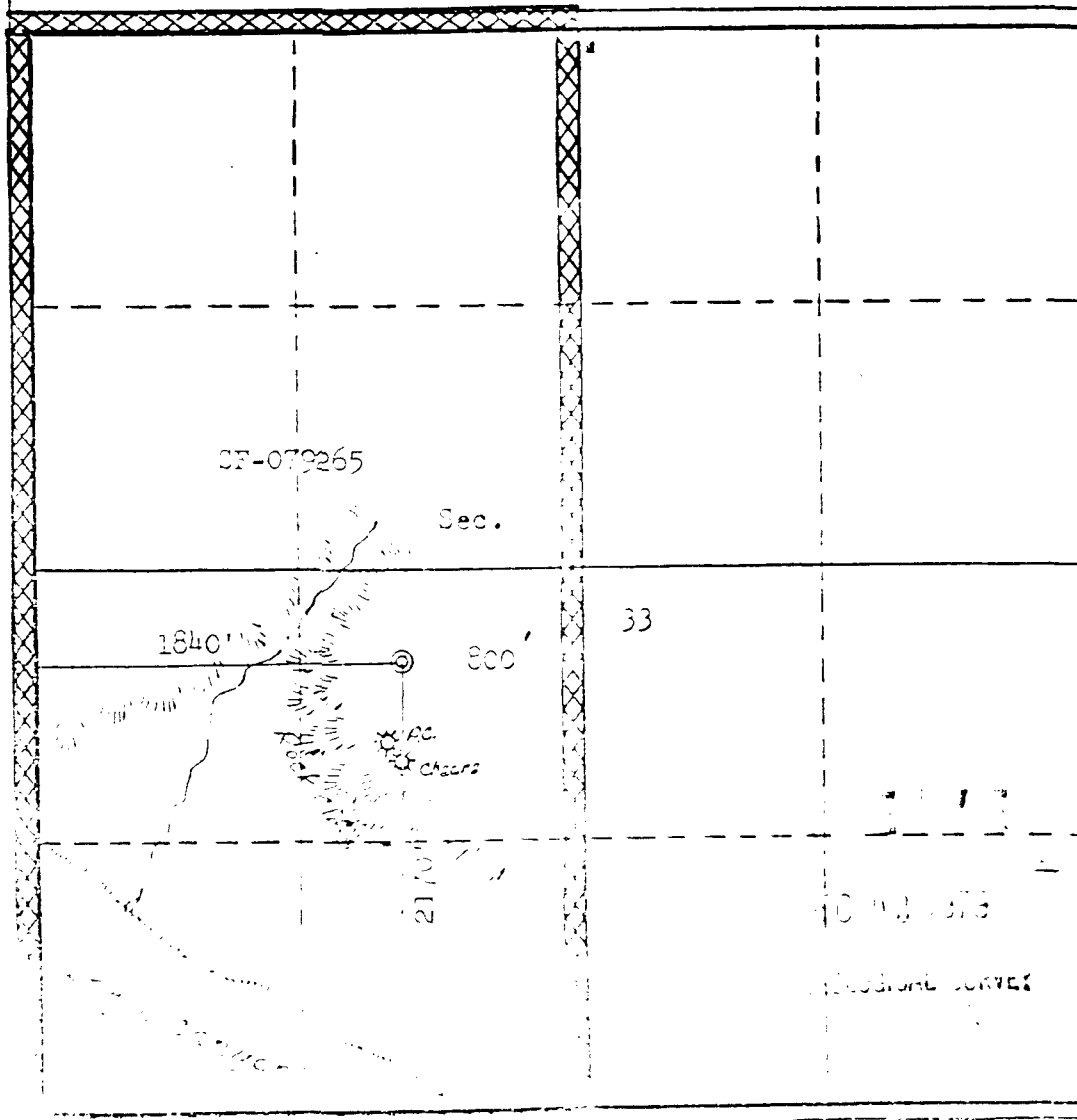
|  |  |   |                    |                             |
|--|--|---|--------------------|-----------------------------|
| Operator<br><b>Meridian Oil Inc.</b>   |  | Lease<br><b>KLEIN (SF-079265)</b>       |                    | Well No.<br><b>28</b>       |
| Tract Number<br><b>1</b>   | Section<br><b>33</b>                         | Township<br><b>2N</b>                   | Range<br><b>5W</b> | County<br><b>Rio Arriba</b> |
| Actual, Photographic Location of Well:<br><b>2170</b> feet from the <b>South</b> corner <b>1340</b> feet from the <b>West</b> line |  |   |                    |                             |
| Ground Level Elev.<br><b>5113</b>  | Producing Formation<br><b>TANIN / Blanco</b> | Dedicated Acreage:<br><b>320.00/320</b> |                    | Notes                       |

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 interests of all owners been consolidated by communitization, unitization, forced-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 will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



### CERTIFICATION

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

Name  
**Peggy Bradfield**

Position  
**Regulatory Representative**

Company  
**Meridian Oil Inc.**

Date

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 knowledge and belief.

Date Surveyed  
**July 2, 1979**

Registered Professional Engineer and or Land Surveyor

*[Signature]*

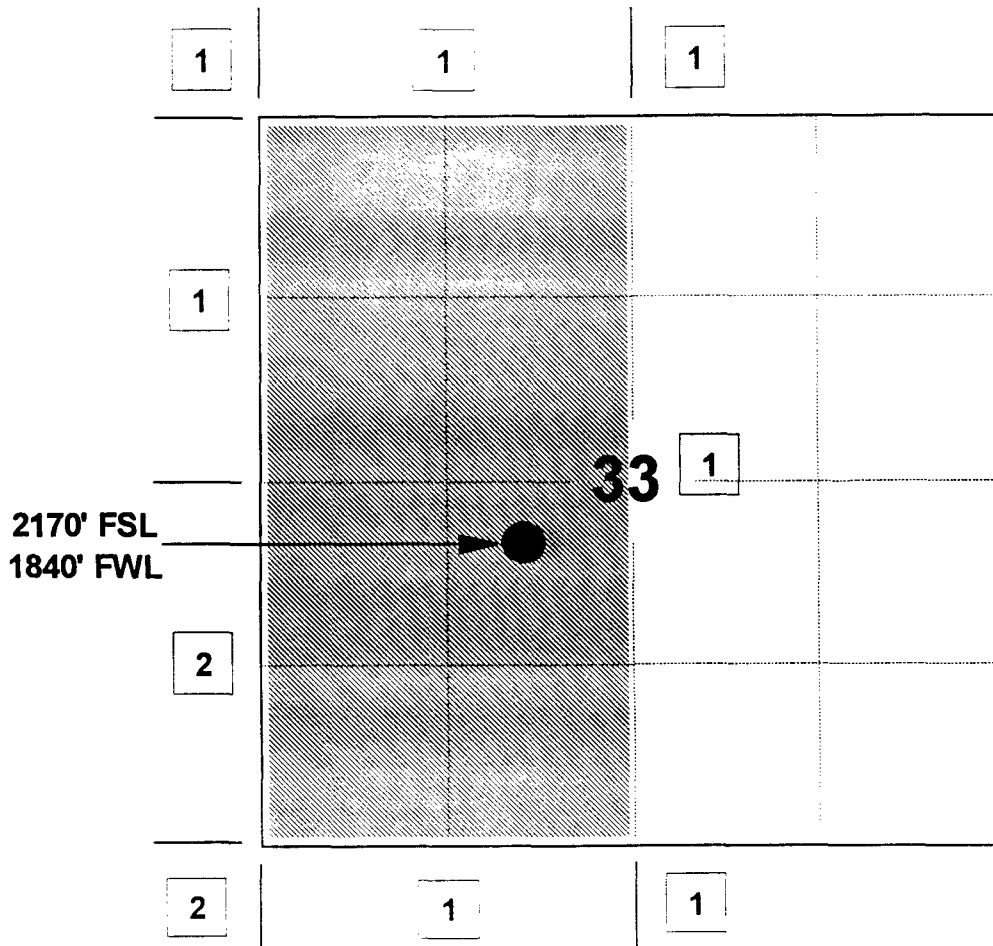
# MERIDIAN OIL INC

## KLEIN #28

### OFFSET OPERATOR \ OWNER PLAT

#### Mesaverde / Dakota Unorthodox Well Location

Township 26 North, Range 6 West



1) Meridian Oil Inc

2) Merrion Oil & Gas Corporation

PO Box 840, Farmington, NM 87499

Robert L. Bayless

PO Box 168, Farmington, NM 87499

Hondo Oil & Gas Company

PO Box 2208, Roswell, NM 88201

Meridian Oil Inc

# MERIDIAN OIL

February 21, 1994

Klein #28  
2170'FSL, 1840'FWL  
Section 33, T-26-N, R-6-W. Rio Arriba County, New Mexico  
API # 30-039-22261

I hereby certify that the following offset owners/operators have been notified by certified mail of our application for administrative approval for non-standard gas well location for the plugback and recompletion of the above well.

Merrion Oil & Gas Corporation  
PO Box 840  
Farmington, NM 87499

Robert L. Bayless  
PO Box 168  
Farmington, NM 87499

Hondo Oil & Gas Company  
PO Box 2208  
Roswell, NM 88201



Peggy Bradfield  
Notary Public  
San Juan County, New Mexico

My commission expires August 17, 1996.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

Special Instructions on  
Reverse Side

Form Approved  
Bureau No. 41-R355.5.

# WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

|  |             |   |
|--|-------------|---|
| 1. TYPE OF WELL:<br><input type="checkbox"/> Casing Well <input checked="" type="checkbox"/> Completion Well <input type="checkbox"/> Re-completion Well <input type="checkbox"/> Other    |             | 2. LEASE DESIGNATION AND SERIAL NO.<br><b>SF 079265</b>                                     |
| 3. TYPE OF COMPLETION:<br><input type="checkbox"/> Open Hole <input type="checkbox"/> Screened <input type="checkbox"/> Perforated <input type="checkbox"/> Other                          |             | 4. IF INDIAN, ALLOTTEE OR TRIBE NAME  |
| 5. NAME OF OPERATOR<br><b>El Paso Natural Gas Company</b>  |             | 6. PERMIT AGREEMENT NAME  |
| 7. ADDRESS OF OPERATOR<br><b>Box 289, Farmington, New Mexico 87401</b>   |             | 7. FARM OR LEASE NAME<br><b>Klein</b>   |
| 8. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface <b>2170'S, 1840'W</b><br>At top prod. interval reported below<br>At total depth |             | 9. WELL NO.<br><b>28</b>  |
| 10. FIELD AND POOL, OR WILDCAT<br><b>Basin Dakota</b>  |             | 11. SEC. T. R. M. OR BLOCK AND SURVEY AREA<br><b>Sec. 33, T-26-N, R-6-W<br/>N. M. P. M.</b> |
| 12. PERMIT NO.   | DATE ISSUED | 12. COUNTY OR PARISH  |
|  |             | 13. STATE<br><b>Rio Arriba New Mexico</b>   |

|  |   |   |   |   |
|--|---|---|---|---|
| 15. DATE SPUDDED<br><b>7-10-80</b>           | 16. DATE T.D. REACHED<br><b>7-22-80</b>       | 17. DATE COMPL. (Ready to prod.)<br><b>12-30-80</b> | 18. ELEVATIONS (DF, BEB, RT, GR, ETC.)*<br><b>6743' GL</b>              | 19. ELEV. CASINGHEAD  |
| 20. TOTAL DEPTH, MD & TVD<br><b>7549'</b>    | 21. PLUG, BACK T.D., MD & TVD<br><b>7533'</b> | 22. IF MULTIPLE COMPLET. HOW MANY*                  | 23. INTERVALS DRILLED BY<br>ROTARY TOOLS <b>0 - 7549</b><br>CABLE TOOLS | 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br><b>7166 - 7350' (Dakota)</b> |
| 25. WAS DIRECTIONAL SURVEY MADE<br><b>No</b> |   |   |   | 26. TYPE ELECTRIC AND OTHER LOGS RUN<br><b>IEL: CDI, Temperature Survey</b>                                   |
| 27. WAS WELL CORED<br><b>No</b>              |   |   |   |   |

| 28. CASING RECORD (Report all strings set in well) |                 |                |                           |                     |               |
|--|-----------------|----------------|---------------------------|---------------------|---------------|
| CASING SIZE  | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE                 | CEMENTING RECORD    | AMOUNT PULLED |
| <b>9 5/8"</b>                                      | <b>40#</b>      | <b>235'</b>    | <b>13 3/4"</b>            | <b>224 cu. ft.</b>  |               |
| <b>4 1/2"</b>                                      | <b>10.5#</b>    | <b>7549'</b>   | <b>8 3/4 &amp; 7 7/8"</b> | <b>1412 cu. ft.</b> |               |
|  |                 |                |                           |                     |               |

| 29. LINER RECORD |          |             |               | 30. TUBING RECORD |               |                |
|------------------|----------|-------------|---------------|-------------------|---------------|----------------|
| SIZE             | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD)       | SIZE          | DEPTH SET (MD) |
|                  |          |             |               |                   | <b>2 3/8"</b> | <b>7322'</b>   |
|                  |          |             |               |                   |               |                |

| 31. PERFORATION RECORD (Interval, size and number)<br><b>7166 - 7172, 7178, 7184, 7209, 7232, 7255,<br/>7274, 7280, 7284, 7298, 7330, 7334,<br/>7344, 7350' w/1 SP.</b> | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.<br><table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL (MD)</th><th>AMOUNT AND KIND OF MATERIAL USED</th></tr> <tr> <td><b>7166 - 7350</b></td><td><b>20,000# sand &amp; 62,500 gal. water</b></td></tr> <tr> <td> </td><td> </td></tr> <tr> <td> </td><td> </td></tr> </table> | DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED | <b>7166 - 7350</b> | <b>20,000# sand &amp; 62,500 gal. water</b> |  |  |  |  |
|---|--|---------------------|----------------------------------|--------------------|---|--|--|--|--|
| DEPTH INTERVAL (MD)   | AMOUNT AND KIND OF MATERIAL USED   |                     |                                  |                    |   |  |  |  |  |
| <b>7166 - 7350</b>  | <b>20,000# sand &amp; 62,500 gal. water</b>  |                     |                                  |                    |   |  |  |  |  |
|   |  |                     |                                  |                    |   |  |  |  |  |
|   |  |                     |                                  |                    |   |  |  |  |  |

| 33. PRODUCTION   |                                   |  |                         |          |            |  |               |
|--|-----------------------------------|--|-------------------------|----------|------------|--|---------------|
| DATE FIRST PRODUCTION                                      |                                   | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)<br><b>AFG - 460</b> |                         |          |            | WELL STATUS (Producing or shut-in)<br><b>Shut In</b> |               |
| DATE OF TEST<br><b>12-30-80</b>                            | HOURS TESTED                      | CHOKE SIZE   | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF.   | WATER—BBL.   | GAS-OIL RATIO |
| FLOW, TUBING PRESS.<br><b>SI 2437</b>                      | CASING PRESSURE<br><b>SI 2496</b> | CALCULATED 24-HOUR RATE  | OIL—BBL.                | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.)                              |               |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) |                                   |  |                         |          |            | TEST WITNESSED BY<br><b>Harrison Harvey</b>          |               |
| 35. LIST OF ATTACHMENTS                                    |                                   |  |                         |          |            |  |               |

I hereby certify that the foregoing, and attached information is complete and correct as determined from all available records

SIGNED *H. Harvey*

TITLE Trilling Clerk

DATE 1-23-81

\*(See Instructions and Spaces for Additional Data on Reverse Side)