

# MERIDIAN OIL

July 22, 1991

RECEIVED

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OIL CONSERVATION DIVISION

Federal Express

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

RE: Huerfano Unit #219  
1650'FSL, 1090'FEL  
Section 29, T-26-N, R-10-W  
San Juan County, New Mexico

Dear Mr. LeMay:

This is a request for administrative approval for a non-standard gas well location in the Angel Peak Gallup Pool.

Meridian Oil intends to plugback and recomplete the Huerfano Unit #219 well from the Basin Dakota pool to the Angel Peak Gallup Pool. The current location of this well is 1650'FSL, 1090'FEL, Section 29, T-26-N, R-10-W, San Juan County, New Mexico. The well is outside of the orthodox windows as established for the Angel Peak Gallup Pool. 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. Copy of Well Completion Log for original completion.

All surrounding lands are owned and/or operated by Meridian Oil Inc.

Sincerely yours,



Peggy Bradfield  
encl.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

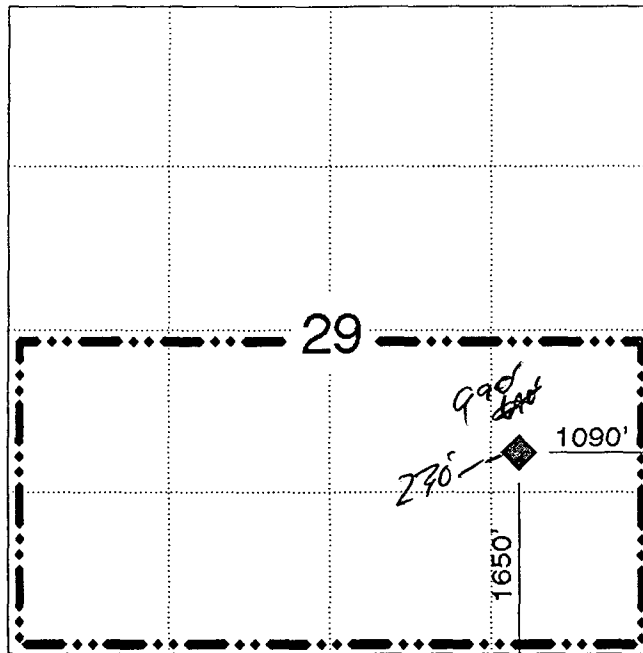
|                                                                                                                                                                                                                              |                 |                                                                      |                                                |                                                                                                     |                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------------------------------------------------------------|------------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------|
| 1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____                                                                                    |                 |                                                                      |                                                | 5. LEASE DESIGNATION AND SERIAL NO.<br><b>SF 080636</b>                                             |                                             |
| b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. CESVR. <input type="checkbox"/> Other _____ |                 |                                                                      |                                                | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME<br><b>Huerfano Unit</b>                                        |                                             |
| 2. NAME OF OPERATOR<br><b>El Paso Natural Gas Company</b>                                                                                                                                                                    |                 |                                                                      |                                                | 7. UNIT AGREEMENT NAME<br><b>Huerfano Unit</b>                                                      |                                             |
| 3. ADDRESS OF OPERATOR<br><b>Box 990, Farmington, New Mexico 87401</b>                                                                                                                                                       |                 |                                                                      |                                                | 8. FARM OR LEASE NAME<br><b>Huerfano Unit</b>                                                       |                                             |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface <b>1650'S, 1090'E</b><br>At top prod. interval reported below<br>At total depth                                   |                 |                                                                      |                                                | 9. WELL NO.<br><b>219</b>                                                                           |                                             |
| 14. PERMIT NO. _____ DATE ISSUED _____                                                                                                                                                                                       |                 |                                                                      |                                                | 10. FIELD AND POOL, OR WILDCAT<br><b>Basin Dakota</b>                                               |                                             |
| 15. DATE SPUDDED <b>7-8-71</b> 16. DATE T.D. REACHED <b>7-18-71</b> 17. DATE COMPL. (Ready to prod.) <b>8-3-71</b> 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* <b>6571' GL</b> 19. ELEV. CASINGHEAD _____                        |                 |                                                                      |                                                | 11. SEC., T., R., M., OR BLOCK AND SURVEY<br>OR AREA<br><b>Sec. 29, T-26-N, R-10-W<br/>N.M.P.M.</b> |                                             |
| 20. TOTAL DEPTH, MD & TVD <b>6634'</b> 21. PLUG, BACK T.D., MD & TVD <b>6607'</b> 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS <b>0-6634</b> CABLE TOOLS _____                        |                 |                                                                      |                                                | 12. COUNTY OR PARISH<br><b>San Juan</b> 13. STATE<br><b>New Mexico</b>                              |                                             |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br><b>6438 - 6576' (Dakota)</b>                                                                                                                |                 |                                                                      |                                                | 25. WAS DIRECTIONAL SURVEY MADE<br><b>No</b>                                                        |                                             |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br><b>IES, FDC/GR</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                            |
| 8 5/8"                                                                                                                                                                                                                       |                 | 24#                                                                  | 207'                                           | 12 1/4"                                                                                             | 150 Sks.                                    |
| 4 1/2"                                                                                                                                                                                                                       |                 | 10.5#                                                                | 6634'                                          | 7 7/8"                                                                                              | 994 cu. ft.                                 |
| 29. LINER RECORD                                                                                                                                                                                                             |                 |                                                                      |                                                |                                                                                                     |                                             |
| SIZE                                                                                                                                                                                                                         | TOP (MD)        | BOTTOM (MD)                                                          | SACKS CEMENT*                                  | SCREEN (MD)                                                                                         |                                             |
|                                                                                                                                                                                                                              |                 |                                                                      |                                                |                                                                                                     |                                             |
| 30. TUBING RECORD                                                                                                                                                                                                            |                 |                                                                      |                                                |                                                                                                     |                                             |
| SIZE                                                                                                                                                                                                                         | DEPTH SET (MD)  | PACKER SET (MD)                                                      |                                                |                                                                                                     |                                             |
| 2 3/8"                                                                                                                                                                                                                       | 6558'           |                                                                      |                                                |                                                                                                     |                                             |
| 31. PERFORATION RECORD (Interval, size and number)<br><b>6438-49', 6476-94', 6546-58', 6570-76'<br/>w/18 SPZ</b>                                                                                                             |                 |                                                                      | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                                                                                                     |                                             |
|                                                                                                                                                                                                                              |                 |                                                                      | DEPTH INTERVAL (MD)                            |                                                                                                     |                                             |
|                                                                                                                                                                                                                              |                 |                                                                      | <b>6438 - 6576</b>                             |                                                                                                     |                                             |
|                                                                                                                                                                                                                              |                 |                                                                      | AMOUNT AND KIND OF MATERIAL USED               |                                                                                                     |                                             |
|                                                                                                                                                                                                                              |                 |                                                                      | <b>30,200 gal. water, 25,000# sand</b>         |                                                                                                     |                                             |
| 33.* PRODUCTION                                                                                                                                                                                                              |                 |                                                                      |                                                |                                                                                                     |                                             |
| DATE FIRST PRODUCTION                                                                                                                                                                                                        |                 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                                                |                                                                                                     | WELL STATUS (Producing or shut-in)          |
|                                                                                                                                                                                                                              |                 | <b>Flowing</b>                                                       |                                                |                                                                                                     | <b>Shut In</b>                              |
| DATE OF TEST                                                                                                                                                                                                                 | HOURS TESTED    | CHOKE SIZE                                                           | PROD'N. FOR TEST PERIOD                        | OIL—BBL.                                                                                            | GAS—MCF.                                    |
| <b>8-3-71</b>                                                                                                                                                                                                                | <b>3</b>        | <b>3/4"</b>                                                          | <b>→</b>                                       | <b>26</b>                                                                                           |                                             |
| FLOW. TUBING PRESS.                                                                                                                                                                                                          | CASING PRESSURE | CALCULATED 24-HOUR RATE                                              | OIL—BBL.                                       | GAS—MCF.                                                                                            | WATER—BBL.                                  |
| <b>SI 1554</b>                                                                                                                                                                                                               | <b>SI 1629</b>  | <b>→</b>                                                             |                                                | <b>2762 MCF/D - A.O.F.</b>                                                                          |                                             |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)                                                                                                                                                                   |                 |                                                                      |                                                |                                                                                                     | TEST WITNESSED BY<br><b>B. J. Broughton</b> |
| 35. LIST OF ATTACHMENTS                                                                                                                                                                                                      |                 |                                                                      |                                                |                                                                                                     |                                             |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records                                                                                            |                 |                                                                      |                                                |                                                                                                     |                                             |
| SIGNED <b>Original Signed F. H. WOOD</b>                                                                                                                                                                                     |                 | TITLE <b>Petroleum Engineer</b>                                      |                                                | DATE <b>August 10, 1971</b>                                                                         |                                             |

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

# OFFSET OPERATOR PLAT

HUERFANO UNIT #219

Township 26 North, Range 10 West



All surrounding lands are located within the Huerfano Unit.

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Submit to Appropriate  
District Office  
State Lease - 4 copies  
Fee 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>Heurfano Unit |                                 | Well No.<br>219 |
| Unit Letter<br>I                                                                                   | Section<br>29                 | Township<br>26 North | Range<br>10 West       | County<br>San Juan              |                 |
| Actual Footage Location of Well:<br>1650 feet from the South line and 1090 feet from the East line |                               |                      |                        |                                 |                 |
| Ground level Elev.<br>6571'                                                                        | Producing Formation<br>Gallup |                      | Pool<br>Angel Peak     | Dedicated Acreage:<br>320 Acres |                 |

- Outline the acreage dedicated to the subject well by colored pencil or machine marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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 unitization  
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, force-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.

Not re-surveyed, prepared  
from a plat by David O.  
Vilven, dated 6-25-71.

OPERATOR CERTIFICATION

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

*Peggy Bradfield*  
Signature

Peggy Bradfield

Printed Name

Regulatory Affairs

Position

Meridian Oil Inc.

Company

6-27-91

Date

SURVEYOR CERTIFICATION

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.

6-27-91

Date Surveyed

*Neale Edwards*  
Signature of Surveyor  
Professional Surveyor



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

|  |  |                                                                                                                              |                              |
|--|--|------------------------------------------------------------------------------------------------------------------------------|------------------------------|
|  |  |                                                                                                                              |                              |
|  |  |                                                                                                                              |                              |
|  |  | <p>•</p> <p>Meridian Oil Inc.<br/>Huerfano Unit #2192<br/>1440 FSL - 1600' FwL<br/>Spud - 1/27/86<br/>Basin: DeWata Pool</p> | <p>•</p> <p>Subject Well</p> |
|  |  |                                                                                                                              |                              |

SECTION 29

TOWNSHIP 26N

RANGE 10W