



STATE OF NEW MEXICO  
 ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
 OIL CONSERVATION DIVISION

*[Handwritten signatures and initials]*

BRUCE KING  
 GOVERNOR

August 19, 1991

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

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

**RECEIVED**  
 AUG 22 1991.  
 OIL CON. DIV.  
 DIST. 3

Attention: Peggy Bradfield

*Administrative Order NSL-3040*

Dear Ms. Bradfield:

Reference is made to your application dated July 25, 1991 for a non-standard Basin-Fruitland coal gas well location for your existing Huerfano Unit Well No. 138 which was drilled in 1963 and completed in the Angels Peak-Gallup Associated Pool at a standard oil and gas well location 800 feet from the North and West lines (Unit D) of Section 22, Township 26 North, Range 9 West, NMPM, San Juan County, New Mexico.

It is my understanding that the Gallup zone will be properly plugged back and said well will be recompleted to the Basin-Fruitland Coal Gas Pool, which pursuant to the Special Rules and Regulations for the Basin-Fruitland Coal Gas Pool as promulgated by Division Order R-8768, as amended, is unorthodox. Further, the N/2 of said Section 22 shall be dedicated to the well forming a standard 320-acre gas spacing and proration unit for said pool.

By authority granted me under the provisions of Rule 8 of said Division Order No. R-8768, the above-described unorthodox coal gas well location is hereby approved.

Sincerely,

*[Handwritten signature of William J. Lemay]*

WILLIAM J. LEMAY  
 Director

WJL/MES/jc

cc: Oil Conservation Division - Aztec  
 U.S. Bureau of Land Management - Farmington



STATE OF NEW MEXICO  
 ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT  
 OIL CONSERVATION DIVISION  
 AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD  
 AZTEC, NEW MEXICO 87410  
 (505) 334-6178

*Attn: Mike Fogner*

Date: 8-14-91

Oil Conservation Division  
 P.O. Box 2088  
 Santa Fe, NM 87504-2088

RE: Proposed MC \_\_\_\_\_  
 Proposed NSL X \_\_\_\_\_  
 Proposed WFX \_\_\_\_\_  
 Proposed NSP \_\_\_\_\_

Proposed DHC \_\_\_\_\_  
 Proposed SWD \_\_\_\_\_  
 Proposed PMX \_\_\_\_\_  
 Proposed DD \_\_\_\_\_

Gentlemen:

I have examined the application received on 7-29-91  
 for the Meridian Oil Inc. Huerfano Unit #138  
 OPERATOR LEASE & WELL NO.

D-22-26N-9W and my recommendations are as follows:  
 UL-S-T-R

Approve

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Yours truly,

Eric Bosch

# MERIDIAN OIL

July 25, 1991

Federal Express

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

**RECEIVED**  
JUL 29 1991  
OIL CON. DIV.  
DIST. 3

RE: Huerfano Unit #138  
800'FNL, 800'FWL  
Section 22, T-26-N, R-09-W  
San Juan County, New Mexico

Dear Mr. LeMay:

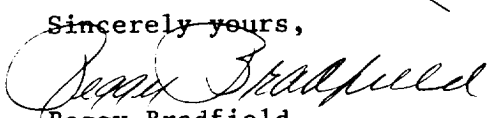
This is a request for administrative approval for a non-standard gas well location in the Basin Fruitland Pool.

Meridian Oil intends to plugback and recomplete the Huerfano Unit #138 well from the Gallup pool to the Basin Fruitland Coal Pool. The current location of this well is 800'FNL, 800'FWL, Section 22, T-26-N, R-09-W, San Juan County, New Mexico. The well is considered non-standard due to the NE-SW dedicated pattern established for the Basin Fruitland Coal 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. 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  
encl.

## WAIVER

\_\_\_\_\_ hereby waives objection to Meridian Oil Inc.'s application for a non-standard location for their Huerfano Unit #138 as proposed above.

By: \_\_\_\_\_ Date: \_\_\_\_\_

xc: Koch Exploration Company

Huerfano Unit #138  
800'FNL, 800'FWL  
Section 22, T-26-N, R-09-W  
San Juan County, New Mexico

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.

Koch Exploration Company  
P.O. Box 2256  
Wichita, KS 67201

Peggy Bradfield  
July 25, 1991

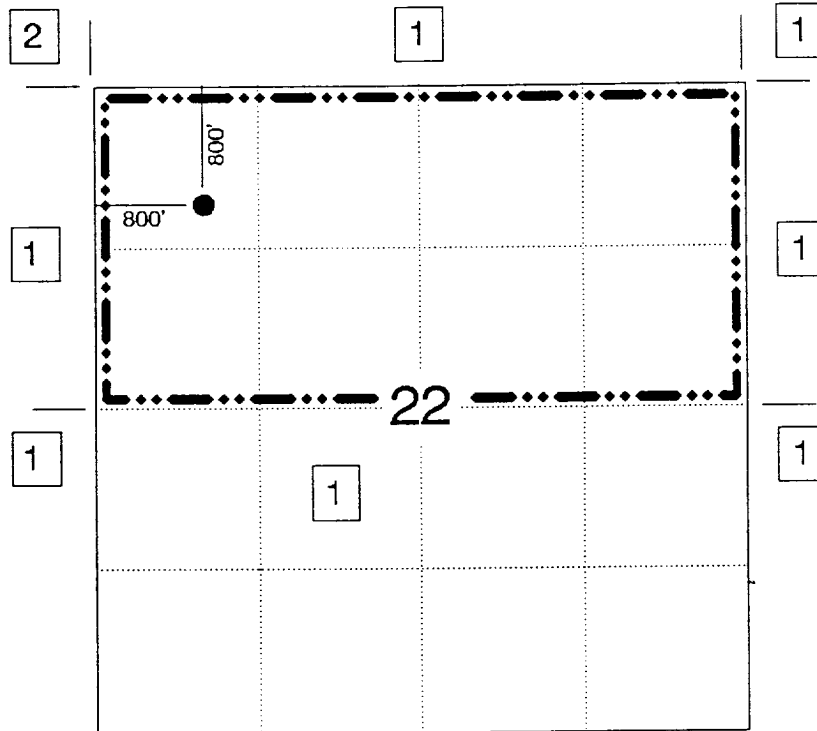
San Juan County  
State of New Mexico

My commission expires August 17, 1992

# UNORTHODOX LOCATION OFFSET OPERATOR PLAT

## Huerfano Unit #138

Township 26 North, Range 09 West



- 1) Meridian Oil Inc \_\_\_\_\_
- 2) Koch Exploration Company \_\_\_\_\_  
PO Box 2256 \_\_\_\_\_  
Wichita, KS 67201 \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Submit to Assessor  
District Office  
Data Leases - 4 copies  
Fee Leases - 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, Artesa, NM 88210

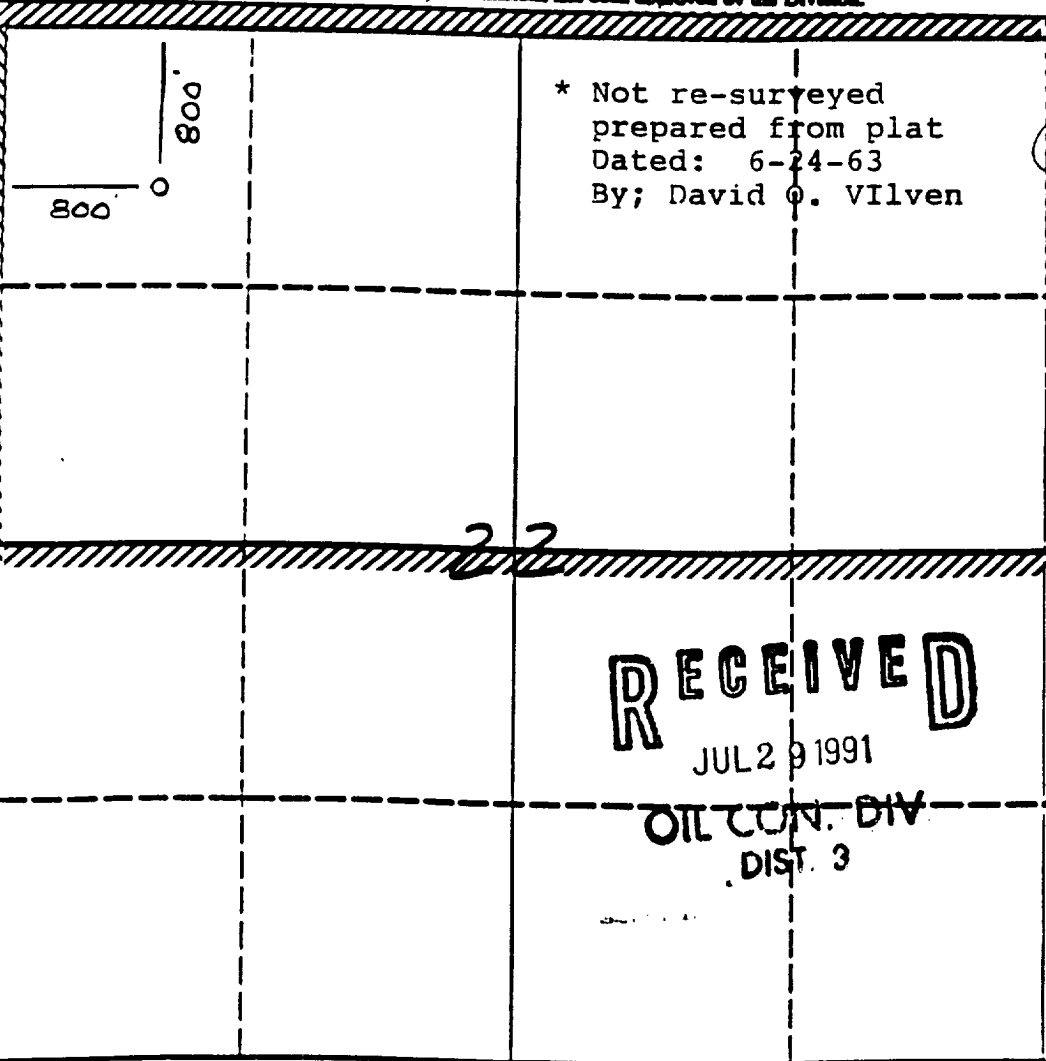
DISTRICT III  
100 Rio Brisos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT  
All Distances must be from the outer boundaries of the section

Operator Meridian Oil Inc.		Lease Huerfano Unit (NM-012736)		Well No. 138
Unit Letter D	Section 22	Township 26 North	Range 9 West	County San Juan
Acres Footage Location of Well: 800 feet from the North line and 800 feet from the West line				
Ground level Elev. 6358'	Producing Formation Fruitland Coal		Pool Basin	Dedication Acreage: 320 Acres

1. Outline the acreage dedicated to the subject well by corner pencil or feature 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 commutation, 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 allowance will be assigned to the well until all interests have been consolidated (by commutation, unitization, force-pooling, or otherwise) or until a non-consent unit, eliminating such interest, has been approved by the Division.



**RECEIVED**  
JUL 29 1991  
OIL CON. DIV.  
DIST. 3

**OPERATOR CERTIFICATION**  
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  
*Peggy Bradford*  
Signature  
 Peggy Bradford  
Printed Name  
 Regulatory Affairs  
Position  
 Meridian Oil Inc.  
Company  
 7-25-91  
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.  
 7-24-91  
Date Surveyed  
*Neale C. Edwards*  
Signature  
 Professional Surveyor  
 NEW MEXICO  
 6857  
 6857  
 REGISTERED LAND SURVEYOR  
 Neale C. Edwards

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on reverse side)

Form approved,  
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NM 012736

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Huerfano Unit

8. FARM OR LEASE NAME

Huerfano Unit

9. WELL NO.

138 (OWWO)

10. FIELD AND POOL, OR WILDCAT

Undes. Gallup

11. SEC. T. R., M., OR BLOCK AND SURVEY OR AREA

Sec. 22, T-26-N, R-9-W  
NMPM

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG \***

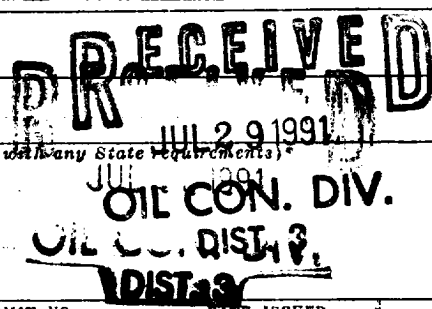
1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. DESVR.  Other \_\_\_\_\_

2. NAME OF OPERATOR  
El Paso Natural Gas Company

3. ADDRESS OF OPERATOR  
PO Box 990, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements):  
At surface 800'N, 800'W  
At top prod. interval reported below  
At total depth



14. PERMIT NO. \_\_\_\_\_ DATE ISSUED \_\_\_\_\_

15. DATE SPUNDED w/o 10-16-71 16. DATE T.D. REACHED w/o 10-16-71 17. DATE COMPL. (Ready to prod.) w/o 1-10-72 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 6358' GL 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6685' 21. PLUG, BACK T.D., MD & TVD 6307' 22. IF MULTIPLE COMPL., HOW MANY\* \_\_\_\_\_ 23. INTERVALS DRILLED BY \_\_\_\_\_ ROTARY TOOLS 0-6685' CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 5665-5838(Gallup) 25. WAS DIRECTIONAL SURVEY MADE no

26. TYPE ELECTRIC AND OTHER LOGS RUN IE and Temperature Survey 27. WAS WELL CORED no

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	32.3#	337'	13 3/4"	200 sks.	
4 1/2"	10.5#	6685'	7 7/8"	610 sks.	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	5626'	retainer at 5626'

31. PERFORATION RECORD (Interval, size and number) 5665-74', 5746-54', 5778-84', 5829-38' with 6 shots per zone.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5665-5838'	14,900#sand, 6,960 gal. water

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
1-7-72	flowing	producing					
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1-10-72	24	1"	→	4.0	155	0	38750
RAW TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
115	---	→				48.8	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY K. C. McBride

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 Original Signed F. H. WOOD TITLE Petroleum Engineer DATE January 13, 1972

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