

MERIDIAN OIL

July 25, 1991

RECEIVED

JUL 29 1991

Federal Express

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

OIL CONSERVATION DIVISION

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

Dear Mr. LeMay:

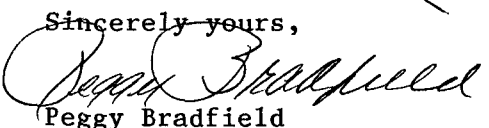
This is a request for administrative approval for a non-standard gas well location in the Basin Fruitland Pool.

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: _____

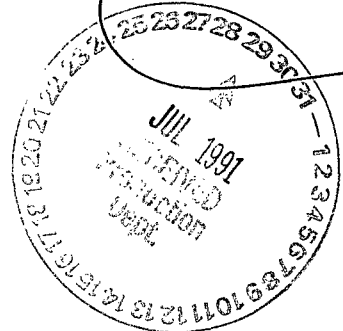
xc: Koch Exploration Company

LFH
MERIDIAN OIL CONSERVATION DIVISION
RECEIVED

July 25, 1991

'91 AUG 5 AM 9 07

NSL-3040



Federal Express

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

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

Dear Mr. LeMay:

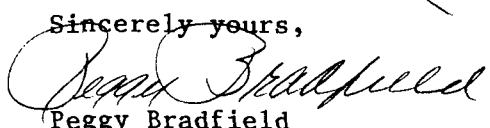
This is a request for administrative approval for a non-standard gas well location in the Basin Fruitland Pool.

Meridian Oil intends to plugback and recompleate 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:

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Sincerely yours,


Peggy Bradfield
encl.

WAIVER

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

By:  Date: 7/31/91
LANCE F. HARMON
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

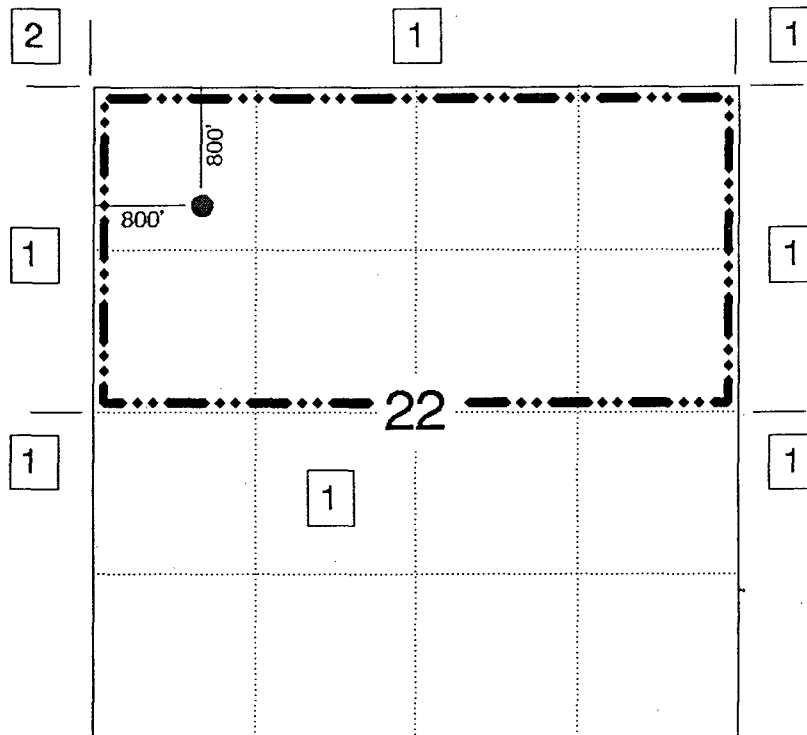
San Juan County
State of New Mexico

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 Asessor
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, Arama, NM 88210

DISTRICT III
1000 Rio Brizos 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	Dedicated Acreage: 320 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or machine 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 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 tract, eliminating such interest, has been approved by the Division.

* Not re-surveyed prepared from plat Dated: 6-24-63 By: David O. Vilven	
22	

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

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

0 320 640 960 1280 1600 1920 2240 2560 2880 3200 3520 3840 4160 4480 4800 5120 5440 5760 6080 6400

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See
instr.
rev. 5-63)
(See
instr.
rev. 5-63)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 AREASec. 22, T-26-N, R-9-W
NMPM12. 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. RESVR. ☐ 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 SPUDDED

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

CABLE TOOLS

0-6685'

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

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	CHOKE 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
WORKING 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)

NSL-3040



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

RECEIVED
AUG 15 AM 8 53

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

Attn: Mike Stegner

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 #158
OPERATOR LEASE & WELL NO.

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

Approve

Yours truly,

Eric Bosch

Sec. 22 Township No. 26 North of Range No. 9 West, N.M.P.M.,
County San Juan, New Mexico.

<p>• ←</p> <p>↑</p>	<p>Meridian Oil, Inc. Huerfano Unit No. 128 800' FNL + LCL Spud date: 7/13/63 Angel Peak Gallup Pool <u>SUBJECT WELL</u></p>		
<p>Meridian Oil, Inc. Huerfano Unit No. 93 1090' FNL - 840' FWL Spud date: 11/11/57 Ballard PC Pool</p>			<p>Meridian Oil, Inc. Huerfano Unit No. 50 1650' FNL - 990' FCL Spud date: 1/19/56 Ballard PC Pool</p>