

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

GARREY CARRUTHERS
GOVERNOR

July 3, 1990

RECEIVED
JUL 6 1990
OIL CON. DIV.,
DIST. 3

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-2819

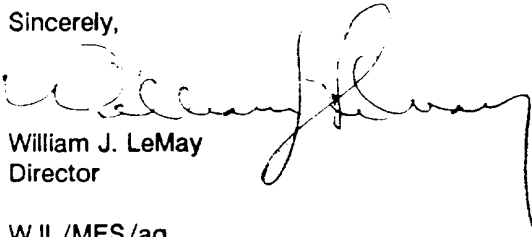
Dear Ms. Bradfield:

Reference is made to your application dated May 22, 1990 for a non-standard Basin-Fruitland coal gas well location for your existing Hargrave Well No. 1 which was drilled in 1951 and completed in the Fulcher Kutz Pictured Cliffs Pool at a standard gas well location 990 feet from the South and East lines (Unit P) of Section 4, Township 27 North, Range 10 West, NMPM, San Juan County, New Mexico.

It is my understanding that the Pictured Cliffs 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 No. R-8768, is unorthodox. Further, Lots 1 and 2, S/2 NE/4, SE/4 (E/2 equivalent) of said Section 4 shall be dedicated to the well forming a standard 320.89-acre gas spacing and proration unit for said pool.

By the 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,


William J. LeMay
Director

WJL/MES/ag

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



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

GARREY CARRUTHERS
GOVERNOR

1000 RIO HAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6170

Date: 6-4-90

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

Re: Proposed MC _____
Proposed DHC _____
Proposed NSL X _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____

Gentlemen:

I have examined the application dated 5-24-90
for the Mission Del Sur Hargrove #1
Operator Lease & Well No.

P-4-27N-10W and my recommendations are as follows:
Unit, S-T-R

[Signature]

Yours truly,

[Signature]

MERIDIAN OIL

May 22, 1990

RECEIVED
MAY 24 1990
OIL CON. DIV
DIST. 3

Certified Mail

Mr. William LeMay
New Mexico Oil Conservation Division
Post Office Box 2088
Santa Fe, New Mexico 87503

RE: Hargrave #1
990'FSL, 990'FEL
Section 04, T-27-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 Basin Fruitland Pool.

Meridian Oil intends to plugback and recomplete the Hargrave #1 well from the Pictured Cliffs pool to the Basin Fruitland Coal Pool. The current location of this well is 990'FSL, 990'FEL, Section 04, T-27-N, R-10-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 Hargrave #1 as proposed above.

By: _____ Date: _____

xc: Amoco Production Company
Mesa Limited Partnership
Damson Oil Corporation

Hargrave #1
990'FSL, 990'FEL
Section 04, T-27-N, R-10-W
San Juan County, New Mexico

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

Amoco Production Company
P.O. Box 800
Denver, CO 80201

Mesa Limited Partnership
P.O. Box 2009
Amarillo, TX 79189-2009

Damson Oil Corporation
P.O. Box 4391
Houston, TX 77210



Peggy Bradfield
May 22, 1990

San Juan County
State of New Mexico

My commission expires August 17, 1992

OIL CONSERVATION DIVISION

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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 Meridian Oil Inc. | | | Lease Hargrave (SF-077382) | | Well No. 1 |
| Unit Letter P | Section 4 | Township 27 North | Range 10 West | County San Juan | |
| Actual Footage Location of Well: 990 feet from the South line and 990 feet from the East line | | | | | |
| Ground level Elev. 6179' | | Producing Formation Fruitland Coal | Pool Basin | Dedicated Acreage: 320 Acres | |

1. Outline the acreage dedicated to the subject well by colored pencil or hectare 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 communitization agreement will be
If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) obtained

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 interest, has been approved by the Division.

Prepared from a plat
dated 8-23-51
by C. C. Walker

RECEIVED
MAY 24 1990
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.

Signature
Peggy Bradfield
Printed Name
Regulatory Affairs
Position
Meridian Oil Inc.
Company

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.

5-9-90

Date Surveyed

Signature
Professional Surveyor



Certificate No. 6857
Neale C. Edwards

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

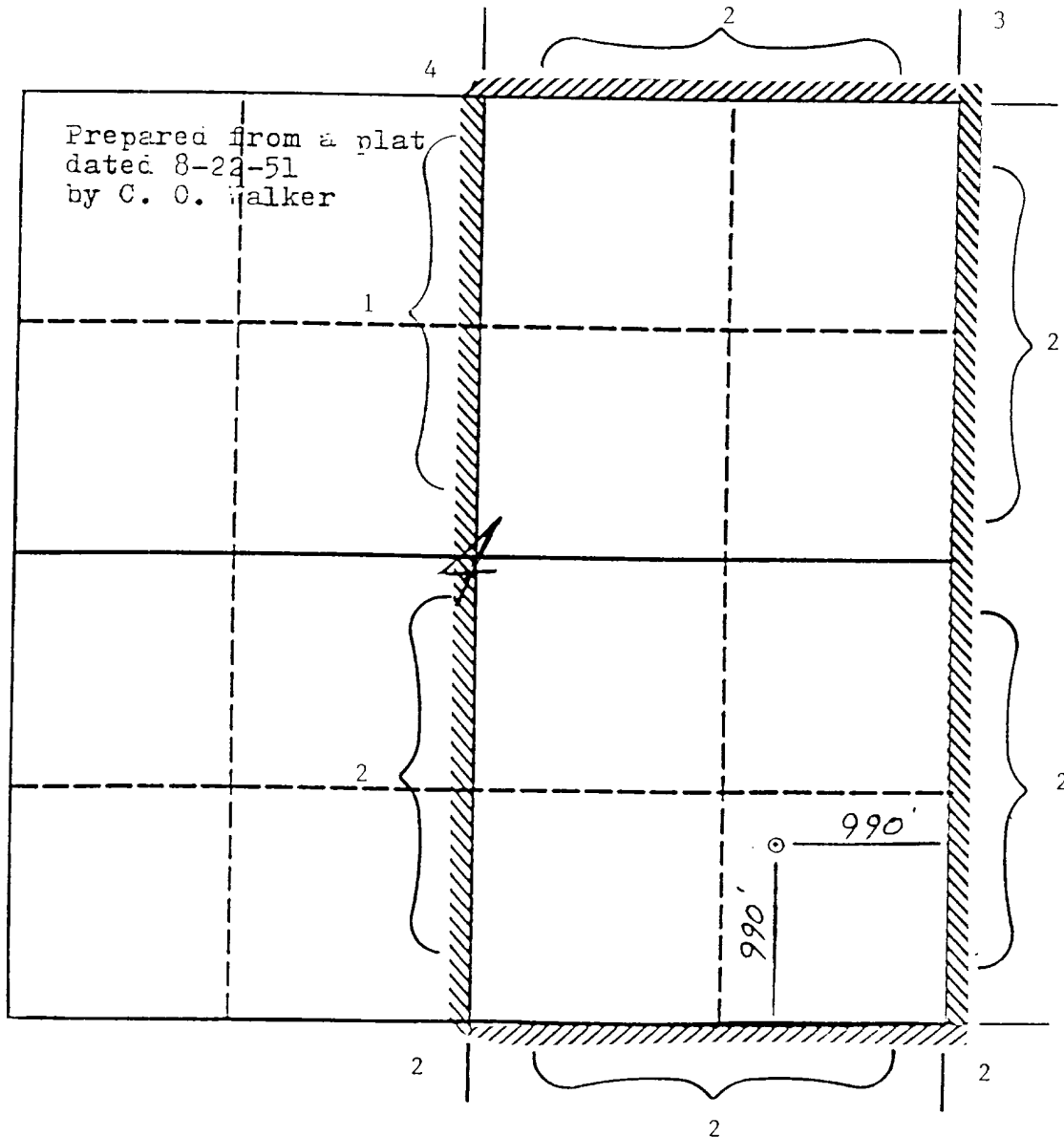
MERIDIAN OIL INC

Well Name Hargrave #1

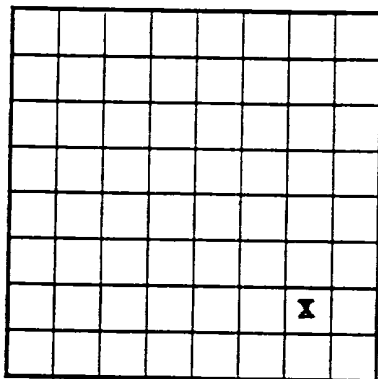
Footage 990' FSL; 990' FEL

APPLICATION FOR NON-STANDARD LOCATION

County San Juan State New Mexico Section 4 Township 27N Range 10W



Remarks 1) Meridian Oil Inc.
2) Amoco Production Company
3) Mesa Limited Partnership
4) Damson Oil Corporation

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 077382
LEASE OR PERMIT TO PROSPECT Hargrave

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Co. Address P.O. Box 997, Farmington, New Mexico
 Lessor or Tract Wagon Field Fulcher-Kutz State New Mexico
 Well No. 1 Sec. 4 T. 27N R. 10W Meridian NMP County San Juan
 Location 990 ft. (N.) of Line and 990 ft. (W.) of E. Line of Sec. 4 Elevation 5184
(Denote floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed ORIGINAL SIGNED E. J. COENDate November 19, 1951Title Petroleum Engineer

The summary on this page is for the condition of the well at above date.

Commenced drilling _____, 19____ Finished drilling _____, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2095 to 2134 No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 850 to 865 No. 3, from _____ to _____
 No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

| Size casing | Weight per foot | Threads per inch | Make | Amount | Kind of shoe | Cut and pulled from | Perforated | | Purpose |
|-----------------------------------|-----------------|------------------|------------|-------------|--------------|---------------------|------------|-----|-------------------|
| | | | | | | | From— | To— | |
| <u>8-5/8</u> | <u>26</u> | <u>8</u> | <u>API</u> | <u>90</u> | <u>REGG</u> | | | | <u>Surface</u> |
| <u>5-8/16</u> | <u>21</u> | <u>8</u> | <u>API</u> | <u>8095</u> | <u>REGG</u> | | | | <u>Production</u> |
| <u>1</u> | | | | | | | | | <u>Siphon</u> |
| <u>HISTORY OF OIL OR GAS WELL</u> | | | | | | | | | |

MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|---------------|-------------|------------------------|---------------------|-------------|--------------------|
| <u>8-5/8</u> | <u>99</u> | <u>60</u> | <u>Circulated</u> | | |
| <u>5-9/16</u> | <u>2100</u> | <u>100</u> | <u>Single Stage</u> | | |

PULPS AND ADAPTERS