STATE OF NEW MEXICO





GARREY CARRUTHERS GOVERNOR

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

September 14, 1989

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

Attention: Peggy Bradfield

RE: Frost Well No. 500, 1040' FNL - 130' FEL; A-26-T27N-R10W, Basin Fruitland Coal Gas Pool, San Juan County, New

Mexico.

Dear Ms. Bradfield:

The NM Oil Conservation Division has reviewed your application dated May 24, 1989, for an unorthodox location for the above-identified well, and has concluded that your application cannot be approved administratively. We are therefore returning your application to you at this time.

Should you still wish to have this application considered, you may re-file the application and request an examiner hearing. If you so elect, please be prepared to submit evidence regarding the topographic conditions, preferably with testimony from the Bureau of Land Management; the feasibility of directional drilling and provisions for a restriction on production in order to protect correlative rights. Notice should be given as required in General Rule 1207.

If you should have any questions, please feel free to call.

Sincerely.

Michael E. Stogner

Chief Hearing Officer/Engineer

MES/ag

cc:

Oil Conservation Division - Aztec

US Bureau of Land Management - Farmington

William J. LeMay Victor T. Lyon

Day and to the trans 1 10 81

MERIDIAN OIL



Starter Jeah

May 24, 1989

Mr. William LeMay New Mexico Oil Conservation Division Post Office Box 2088 Santa Fe, New Mexico 87504



Dear Mr. LeMay:

This is a request for administrative approval for an unorthodox gas well location in the Basin Fruitland Coal Pool.

It is intended to locate the Meridian Oil Inc. Frost #500 at 1040' from the North line and 130' from the East line of Section 26, T-27-N, R-10-W, San Juan County, New Mexico.

This non-standard location is at the request of the Bureau of Land Management per the attached letter.

A copy of this application is being submitted to all offset 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.

Plats showing the proposed well location and the terrain in Section 26, along with an ownership plat, are attached.

Sincerely yours,

Sincerely yours,

Madhicle Colored

Peggy Bradfield

encl.

WAIVER

Amoco Production Inc.'s application as proposed above.				#500
By:		_ Date:	 	
xc: Amoco Productio	n			

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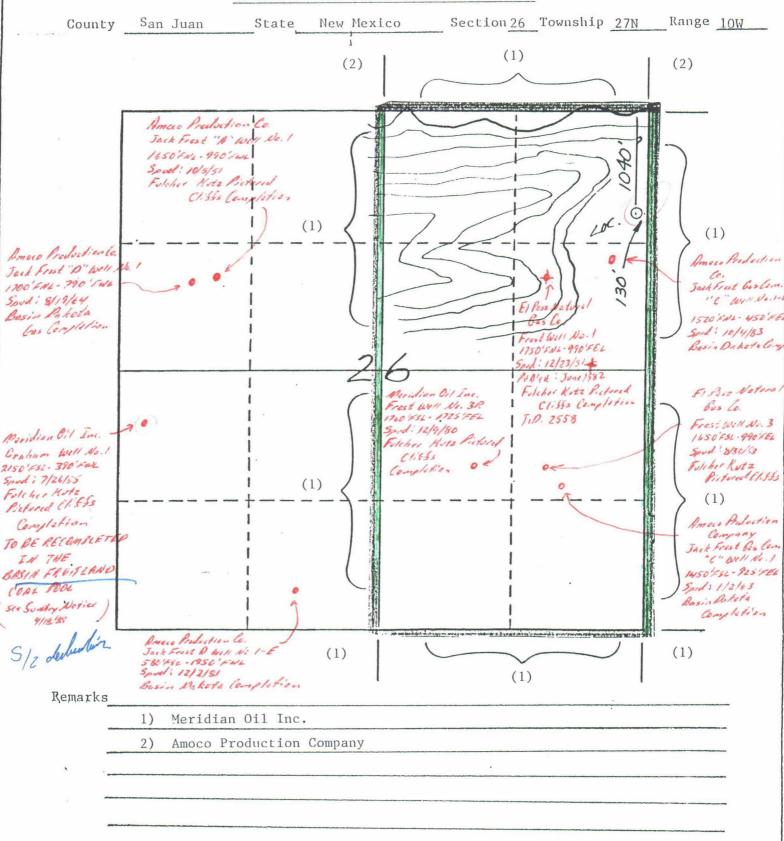
Well Name

Frost #500

Footage'

1040' FNL; 130' FEL

APPLICATION FOR NON-STANDARD LOCATION



MAY 0 9 1989

Maridian Oil Incorporated Attm: Hr. Ray Owens P. O. Box 4289 Farmington, RM 87499

Dear Mr. Owens:

This is to request that Heridian use the unorthodox location (original staking in T. 27 H., R. 10 W., sec. 26, 1040' PML, 130' PML) on the Frest Com 500 well, lease No. SP-077951 located in the Angel Peak Recreation Area.

The on-site inspection for the orthodox location at T. 27 N., R 10 W., sec 26, 2510' PNL, 790' PSL, on March 14, 1989 resulted in the finding of potential impacts to recreationists in the nearby campground. This location is within 200 feet of the campground in a hilly wooded area crisscrossed with drain-ages. The area has not previously been disturbed and is presently in a natural condition.

The unorthodox well site lies on a slightly sloped unwooded area, where access via existing routes to operating wells are present. This location is within 400 feet of the campground, but is visually accessed by a topographic buffer.

The potential impacts to the vegetative, soil, wildlife, watershed, visual, and recreational resources would be greatly reduced from well development activities on the unorthodox location.

We are sure that you, based upon the above facts, will agree that the unorthodox location is preferred. If you need any support with the New Mexico Oil and Gas Commission, please contact me at (305) 327-5344.

Sincerely.

Isl John L. Keller

Ron Fellows
TOR Area Manager

ce: NHOGC, 1000 Rio Brasos Real, Attec, NH 87410

NHOGC, State Land Office Suilding, P. O. Sox 2088, Sants Fe, NH 87501

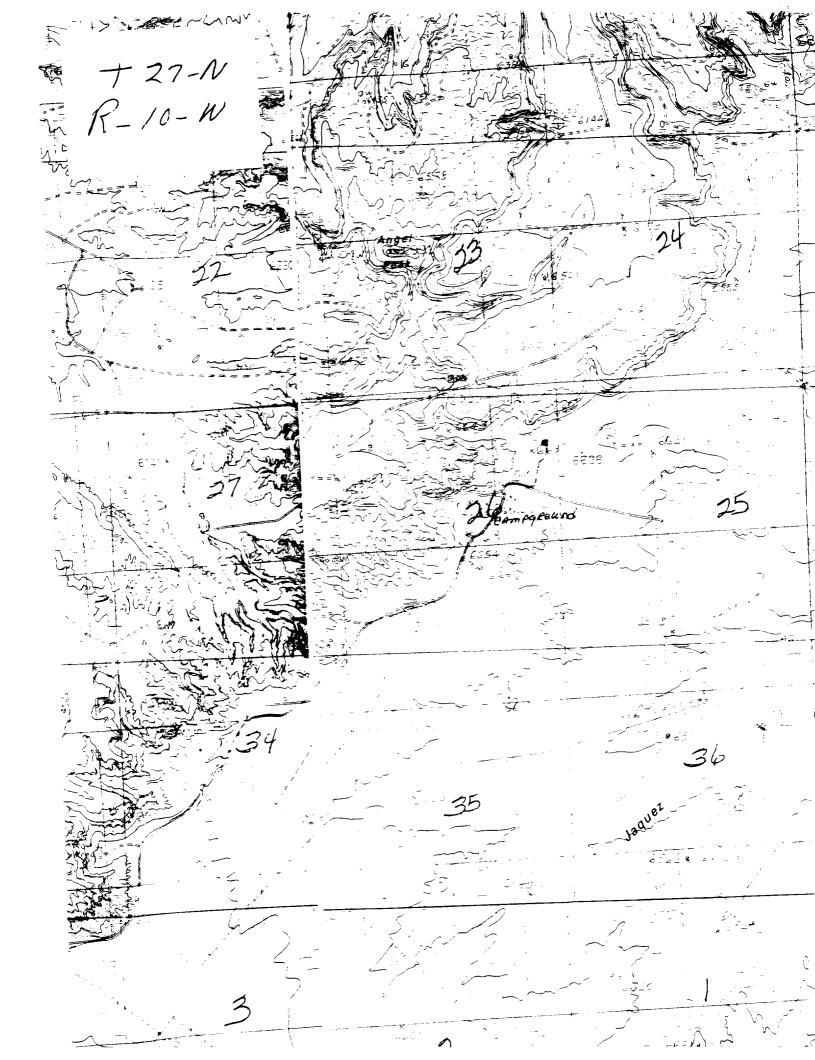
Well file Fluids Suspense (Elisworth) 019: DEllsworth: cmg: 5/09/89

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P. O. BOX 2088 ENERGY MO MINERALS DEPARTMENT SANTA FE, NEW MEXICO 87501

Form C-102 Revised 10-1

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STATE OF NEW MEXICO



ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

GARREY CARRUTHERS
GOVERNOR

September 20, 1990

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

Kellahin, Kellahin & Aubrey P.O. Box 2265 Santa Fe, NM 87504-2265

Attention: W. Thomas Kellahin

General Counsel for Meridian Oil, Inc.

RE:

Unorthodox coal gas well location request dated September 17, 1990. Frost Well No. 500 to be drilled 1040' FNL - 130' FEL (Unit A) of Section 26, Township 27 North, Range 10 West, NMPM, Basin-Fruitland Coal Gas Pool, San Juan County, New Mexico.

Dear Mr. Kellahin:

In reviewing the subject application to be set for the hearing on the October 17, 1990 docket, it would appear that there is an overlap in the dedicated acreage in the Basin-Fruitland Coal Gas Pool in this Section. The existing coal gas Meridian Oil, Inc. Graham Well No. 1, located 2150 feet from the South line and 390 feet from the West line (Unit L) of said Section 26, is currently dedicated to the S/2 of the Section and the proposed Frost Well No. 500 is to be dedicated to the E/2 of this section. So that I may proceed in preparing the October 17th docket, please inform me if the proposed E/2 dedication is correct or needs to be changed.

Sincerely.

Michael E. Stogner

Chief Hearing Officer/Engineer

MES/ag

cc:

Oil Conservation Division - Aztec

Meridian Oil, Inc. - Farmington

US Bureau of Land Management - Farmington

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

GARREY CARRUTHERS GOVERNOR

December 29, 1989

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

Meridian Oil, Inc.

Farmington, NM 87499-4289 P.O. Box 4289

Attention: Peggy Bradfield

Administrative Order NSL-2742

Dear Ms. Bradfield:

Reference is made to your application of December 20, 1989 for a non-standard coal gas well location for your existing Graham Well No. 1 located 2150 feet from the South line and 390 feet from the West line (Unit L) of Section 26, Township 27 North, Range 10 West, NMPM, Basin Fruitland Coal (Gas) Pool, San Juan County, New Mexico, which is presently completed in the Fulcher Pictured Cliffs Pool. The S/2 of said Section 26 shall be dedicated to the well forming a standard 320-acre gas spacing and proration unit for said pool.

By the authority granted me under the provisions of Rule 8 of the Special Rules and Regulations for the Basin-Fruitland Coal (Gas) Pool as promulgated by Division Order No. R-8768, the above-described unorthodox coal gas well location is hereby approved.

Sincerely,

William J. LeMay

WJL/MES/ag

Director

Oil Conservation Division - Aktec US Bureau of Land Management - Farmington ပ္ပ

Energy, Mineras and Natural Resources Department SIZE OF NEW MEXICO O. BOX 1980, Hobbe, NIM 88240

OIL CONSERVATION DIVISION P.O. Box 2088
Sams Fe, New Mexico 87504-2088

Form C-102 Revises 1-1-49

P.O. Driver DD. Annua. NM 18210

San Juan this thereof (both as to working unmer and royally). het from the West THE IN CONTRACT TO THE WIRE THE THE METERS OF AN COURSE THER CONTRACT TO WELL LOCATION AND ACREAGE DEDICATION PLAT
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KELLAHIN, KELLAHIN AND AUBREY

ATTORNEYS AT LAW

EL PATIO BUILDING

W. THOMAS KELLAHIN KAREN AUBREY 117 NORTH GUADALUPE POST OFFICE BOX 2265 TELEPHONE (505) 982-4285 TELEFAX (505) 982-2047

CANDACE HAMANN CALLAHAN

SANTA FE, NEW MEXICO 87504-2265

JASON KELLAHIN OF COUNSEL

October 10, 1990

RECEIVED

OCT 1 0 1990

Mr. William J. LeMay Oil Conservation Division Post Office Box 2088 Santa Fe, New Mexico 87504

OIL CONSERVATION DIVISION

Re: NMOCD Case No. 10114

Application of Meridian Oil Inc.

for and Unorthodox Coal Gas

Location, Juan County,

New Mexico

Dear Mr. LeMay:

On behalf of Meridian Oil Inc., I filed an application for the above referenced case which is scheduled for Examiner hearing on October 17, 1990.

Meridian desires that this case be continued to the next available docket which is October 31, 1990.

W. Thomas Rellahin

WTK/tic

cc: Mr. Alan Alexander
Meridian Oil Inc.
Post Office Box 4289

Farmington, New Mexico 87499-4289

PA DIESEMAN Land AMB N. -

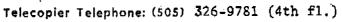
Jan Harris





only by We will as like inc.

P.O. BOX 4289 Farmington, N.M. 87499-4289 3535 East 30th St. Farmington, New Mexico 87401 (505) 326-9700





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COMPANY:			
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Please call (505) 326-9700 Ext. 9757 to confirm transmission.

SENT BY: Meridian Oil, Inc. ;11- 7-90 ; 2:25PM ;MERIDIAN/Land/FMGTN,→

MERIDIAN OIL

Memorandum

J. E. Craddock To:

Date:

Maldrak

November 5, 1990

5059888830,# 4

From: J. W. Caldwell

Location: Farmington, NM

Doc. #877

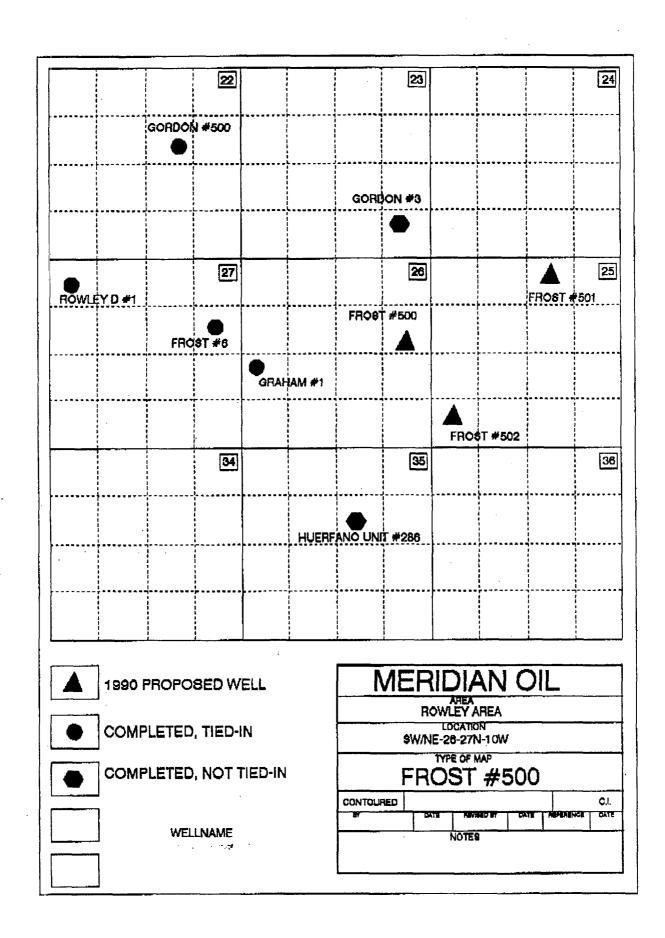
Subject: Frost #500 Cost Estimates

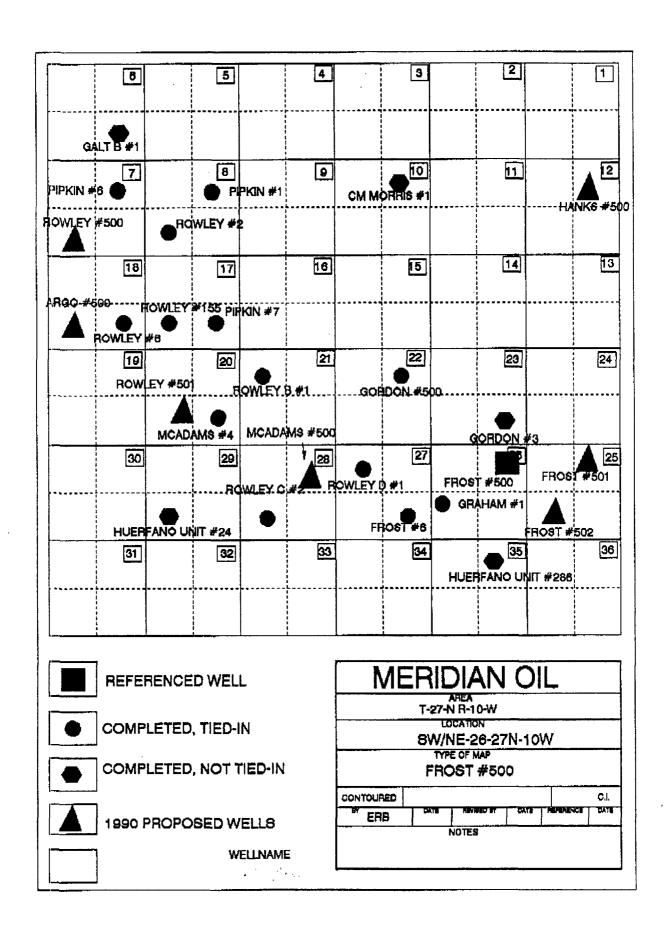
Vertical vs. Directional

We have reviewed the cost estimates for drilling the above well vertically and directionally. Based on our review, we maintain that the higher cost of location and road construction for the directional well is a result of the following:

- 1) A Larger location to accommodate the larger pits, additional equipment and personnel required for a directional well;
- 2) Additional surveys and inspection time and archaeological reports needed to find a legal location, and when that fails, stake the non-standard location. This involved three location moves in an effort to find final location due to BLM/Archaeological/NMOCD stipulations.

CAJ/adw





KELLAHIN, KELLAHIN AND AUBREY

ATTORNEYS AT LAW

EL PATIO BUILDING

II7 NORTH GUADALUPE

POST OFFICE BOX 2265

CANDACE HAMANN CALLAHAN

CANDACE HAMANN CALLAHA

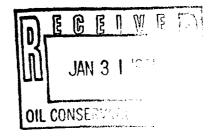
JASON KELLAHIN OF COUNSEL

KAREN AUEREY

W. THOMAS KELLAHIN

SANTA FE, NEW MEXICO 87504-2265

January 30, 1991



TELEPHONE (505) 982-4285

TELEFAX (505) 982-2047

Mr. Michael E. Stogner Oil Conservation Division Post Office Box 2088 Santa Fe, New Mexico 87504

Re: Application of Meridian Oil Inc. for an Unorthodox Coal Gas Well, San Juan County, New Mexico NMOCD Case No. 10114

Dear Mr. Stogner:

On behalf of Meridian Oil Inc. and in accordance with your request at the hearing held on October 31, 1990, please find enclosed a proposed order for entry in this case.

Very truly yours,

W Thomas Kellahin

WTK/tic Enclosure

cc: Alan Alexander
Meridian Oil Inc.
Post Office Box 4285
Farmington, New Mexico 87499-4285

P.S. Enclosed please find our disk on which you will find the proposed order entitled MERIDIAN.ORD. Please return the disk to this office at your convenience.

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

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDERING:

CASE NO. 10114 ORDER NO. R-

APPLICATION OF MERIDIAN OIL INC. FOR AN UNORTHODOX COAL GAS WELL LOCATION, SAN JUAN COUNTY, NEW MEXICO

MERIDIAN OIL INC. PROPROSED ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 8:15 a.m. on October 17 and October 31, 1990, at Santa Fe, New Mexico, before Examiner Michael E. Stogner.

NOW, on this _____ day of January, 1991, the Division Director, having considered the testimony, the record and the recommendations of the Examiner, and being fully advised in the premises,

FINDS THAT:

(1) Due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.

- approval of its Frost No. 500 to be drilled at an unorthodox coal gas well location 2510 feet from the North line and 790 feet from the East line (Unit H) of Section 26, Township 27 North, Range 10 West, N.M.P.M., Basin-Fruitland Coal Gas Pool, San Juan County, New Mexico, with the F/2 of said Section 26 dedicated to the well forming a standard 320-acre gas spacing and proration unit for said pool.
- (3) Applicant is the working interest owner of the NE/4 and S/2 of Section 26, T27N, R10W.
- (4) Amoco is the working interest owner in the NW/4 of Section 26 and by farmout has authorized Meridian to drill this well.
- (5) The applicant originally sought the approval of the Area Manager for the BLM for a standard well location in the NE/4 of said Section 26 and was denied that location.
- (6) An on-site inspection for this location was conducted by the appropriate federal surface

management agency officials for a final determination of the well site.

- (7) During the on-site inspection, the US Bureau of Land Management requested the location be moved because the standard location had an adverse visual impact on the Angel Peak Recreational Campground.
- (8) As an alternative the BLM has approved the requested unorthodox location.
- (9) As a result of topographical restrictions and in order to obtain a drilling location for the NE/4 of said Section the applicant seeks the subject unorthodox well location.
- (10) Directional drilling of the subject well is not economically feasible.
- (11) The S/2 of Section 26 is currently dedicated to the Graham No. 1 well in Unit L of Section 26 which was recompleted into the Basin-Fruitland Coal Gas Pool at an unorthodox location and is operated by Meridian Oil Inc.

- (12) Meridian was unable to obtain a voluntary agreement with Amoco in time to dedicate the W/2 of Section 36 to the Graham No. 1 well and in the alternative dedicated the S/2 of Section 26 to the well.
- (13) Had the orientation of the spacing units for the development of Section 26 been a stand-up unit rather than a lay-down unit, the Frost No. 500 well would be at a standard well location in Section 26.
- (14) In the interests of adequately developing all of Section 26 and keeping the subject well in the NE/4 of Section 26, this application should be approved.
- (15) While the Frost No. 500 is at an unorthodox coal gas well location, unless approved, it is unlikely that the N/2 of the section can be developed for coal gas production.
- (16) No interested party appeared at the hearing in objection to this unorthodox coal gas well location.

- (17) The use of the surface where the well is actually located was approved by the appropriate federal surface management agencies.
- (18) Approval of the application will afford the applicant the opportunity to produce its just and equitable share of the gas from the subject pool, will prevent the economic loss caused by the drilling of a directional well to a standard bottomhole coal gas location, avoid the augmentation of risk arising from the drilling of an excessive number of wells and will otherwise prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED THAT:

(1) The application of Meridian Oil Inc. for an unorthodox coal gas well location for the Basin-Fruitland Coal Gas Pool is hereby approved for its Frost No. 500 well to be located 2510 from the North line and 790 feet from the East line (Unit H) of Section 26, Township 27 North, Range 10 West, N.M.P.M., San Juan County, New Mexico.

- (2) The N/2 of said Section 26 shall be dedicated to the above-described well forming a standard 320-acre gas spacing and proration unit for said pool.
- (3) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

WILLIAM J. LeMAY Director

SEAL

STATE OF NEW MEXICO



ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

BRUCE KING GOVERNOR

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

February 4, 1991

Meridian Oil, Inc. c/o Kellahin, Kellahin & Aubrey P.O. Box 2265 Santa Fe, NM 87504-2265

Attention: W. Thomas Kellahin

RE: Division Case No. 10114, heard October 31 and November 14, 1990.

Frost Well No. 500, unorthodox coal gas well location 2510' FNL - 790' FEL (Unit H), Section 26, Township 27 North, Range 10 West, NMPM,

San Juan County, New Mexico.

Dear Mr. Kellahin:

In reviewing the transcripts and evidence in this matter I find a reference to a letter from the US Bureau of Land Management to Meridian dated October 2, 1990 (see Exhibit 3). I do not believe this letter was included in any of the correspondence before the hearing or in the exhibits admitted at the hearing.

To complete the record in this matter, please submit a copy of this letter.

Should you have any questions, please contact me.

Sincerely,

Michael E. Stogner

Chief Hearing Officer/Engineer

MES/ag

cc: Oil Conservation Division - Aztec

Oil Conservation Division - Robert G. Stovall, Santa Fe

US Bureau of Land Management - Farmington

KELLAHIN, KELLAHIN AND AUBREY

ATTORNEYS AT LAW

EL PATIO BUILDING

IIT NORTH GUADALUPE

POST OFFICE BOX 2265

SANTA FE, NEW MEXICO 87504-2265

Telephone (505) 982-4285 ... Telefax (505) 982-2047

W. THOMAS KELLAHIN
KAREN AUBREY
CANDACE HAMANN CALLAHAN

JASON KELLAHIN OF COUNSEL

FAX COVER SHEET

DATE: 2491	NUMBER OF PAGES: Q (including cover)
TIME: TO: Michael Sogner OF: OCD FAX # 827-5741	FROM: W. Tromas Kellahir OF: KK4A FAX #980-2047
RE:	Special Instructions: Confidential Urgent Please reply FYI
MESSAGE:	



United States Department of the Interior

BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA 1235 LAPLATA HIGHWAY FARMINGTON, NEW MEXICO 87401



IN REPLY REPER TO: 3162.5-1(a) (019) SF-077951

MERIDIAN OIL

OCT - 3 1990

FARMINGTON, NEW MEXICO REGULATORY

OCT 0 2 100

Meridian Oil Incorporated Attention: Mr. Charles Werner P.O. Box 4289 Farmington, NM 87499

Dear Mr. Werner:

This is to request that Meridian use the following location for the placement of their Frost Com 500 Well, Lease No. SF-077951, T. 27 N., R. 10 W., Section 26, 2510' FNL and 790' FEL. This proposed location is in the Angel Peak Recreation Area. Enclosed is a map showing the recreation area and the proposed location for this well.

The proposed location is approximately 500 feet from the Angel Peak campground. This location is situated behind a small hill which would serve as a buffer to hide the location and any production equipment from visitors using the recreation area. By placing this proposed well at this location we feel that we can mitigate any negative impacts on the recreation area.

If we can $h_{\rm bol} = 9$ any other way to support $y_{\rm bol} = 0.0n$ -standard proposal for this well with N_{bol} please contact Bruce Flinn $\phi_{\rm bol} = 0.0n$ Ellsworth at (505) 327-5344.

Sincerely,

Alle Manager

Enclosure

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

BRUCE KING GOVERNOR February 12, 1991

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87504 I505) 827-5800

Mr. Thomas Kellahin Kellahin, Kellahin & Aubrey Attorneys at Law Post Office Box 2265 Santa Fe, New Mexico	Re: CASE NO. 10114 ORDER NO. R-9438 Applicant: Meridian Oil, Inc.
Dear Sir:	
Enclosed herewith are two cope Division order recently entered	
Jlorene Alavidson FLORENE DAVIDSON OC Staff Specialist	
Copy of order also sent to:	
Hobbs OCD x Artesia OCD x Aztec OCD x	
Other	