



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

GARREY CARRUTHERS
GOVERNOR

October 17, 1990

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

RECEIVED
OCT 23 1990
OIL CON. DIV.,
DIST. 3

Administrative Order NSL-2902

Dear Ms. Bradfield:

Reference is made to your application dated August 9, 1990 for a non-standard Basin-Fruitland coal gas well location for your existing Huerfanito Unit Well No. 93 which was drilled in 1953 and completed in the South Blanco Pictured Cliffs Pool at a standard gas well location 790 feet from the North and West lines (Unit D) of Section 25, Township 27 North, Range 9 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, the W/2 of said Section 25 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 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

11000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-0178

Date: 8-29-90

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

Mike Stagner

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

Gentlemen:

I have examined the application dated 8-24-90
for the Meridian Oil Inc. Huerfano Unit # 93
Operator Lease & Well No.

D-25-27N-9a and my recommendations are as follows:
Unit, S-T-R

Approve after off pattern development is
shown to be beneficial

Yours truly,

Eric Brubaker



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

GARREY CARRUTHERS
GOVERNOR

August 22, 1990

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

RECEIVED

AUG 24 1990

OIL CON. DIV
DIST. 3

Attention: Peggy Bradfield

*RE: Unorthodox coal gas well location, Huerfanito Unit No. 93, 790'
FN & WL (Unit D); 25-T27N-R9W, NMPM, Basin-Fruitland
Coal Gas Pool, San Juan County, New Mexico.*

Dear Ms. Bradfield:

Having received several applications in the past to recompleat existing wells to the Basin-Fruitland Coal Gas Pool at unorthodox coal gas well locations, usually Pictured Cliffs wells, which are off pattern for coal gas development, it appears that additional information may be necessary to properly evaluate future filings in instances when there are two wells in the proposed coal spacing unit producing from the same formation in which the one to be recompleated is also off-pattern.

In the immediate instance, the proposed W/2 320-acre coal dedication has two South Blanco Pictured Cliffs Gas wells; the Huerfanito Well No. 93 located in Unit D and the Huerfanito Unit Well No. 46 located in Unit M. Why was the No. 93 chosen over the No. 96 well? Also, how does this off-pattern recompleat effect coal development in the immediate area? Please submit any supporting production data, engineering evaluation and related technical data to support your choice of wells for recompleat. Also submit a plat of the offsetting sections showing the coal completions presently planned or currently producing and provide a discussion addressing the proposed off-pattern development.

Should you have any questions, please contact me.

Sincerely,

Michael E. Stogner
Chief Hearing Officer/Engineer

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

MERIDIAN OIL

August 9, 1990

RECEIVED
AUG 10 1990
OIL CON. DIV.
DIST. 3

Federal Express

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

RE: Huerfanito Unit #93
790'FNL, 790'FWL
Section 25, T-27-N, R-09-W
San Juan, 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 Huerfanito Unit #93 well from the Pictured Cliffs pool to the Basin Fruitland Coal Pool. The current location of this well is 790'FNL, 790'FWL, Section 25, T-27-N, R-09-W, San Juan, 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 Huerfanito Unit #93 as proposed above.

By: _____ Date: _____

xc: Meridian Oil Inc.

RECEIVED

AUG 10 1990

**OIL CON. DIV
DIST. 3**

Huerfanito Unit #93
790'FNL, 790'FWL
Section 25, T-27-N, R-09-W
San Juan, 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.

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



Peggy Bradfield
August 9, 1990

San Juan County
State of New Mexico

My commission expires August 17, 1992

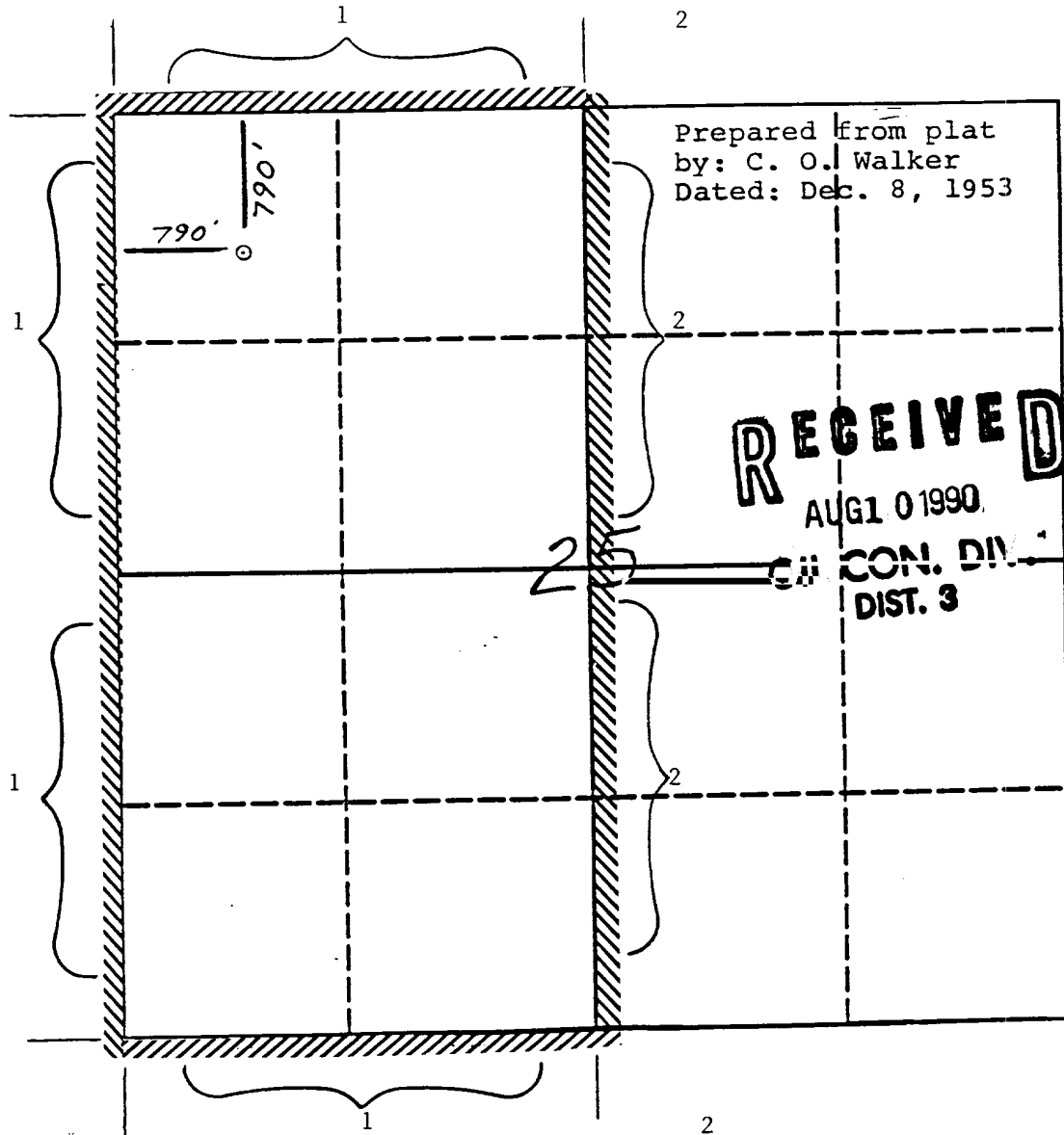
EL PASO NATURAL GAS COMPANY

Well Name Huerfanito Unit #93

Footage 790' FNL; 790' FWL

APPLICATION FOR NON-STANDARD LOCATION

County San Juan State New Mexico Section 25 Township 27N Range 9W



Remarks 1) El Paso Natural Gas Co.

2) Meridian Oil Inc.

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 El Paso Natural Gas Company			Lease (I-149-IND-8473) Huerfanito Unit		Well No. 93
Unit Letter D	Section 25	Township 27 North	Range 9 West	County San Juan	
Actual Footage Location of Well: 790 feet from the North line and 790 feet from the West line					
Ground level Elev. 6400'		Producing Formation Fruitland Coal	Pool Basin	Dedicated Acreage: 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.

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
El Paso Natural Gas Co
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.

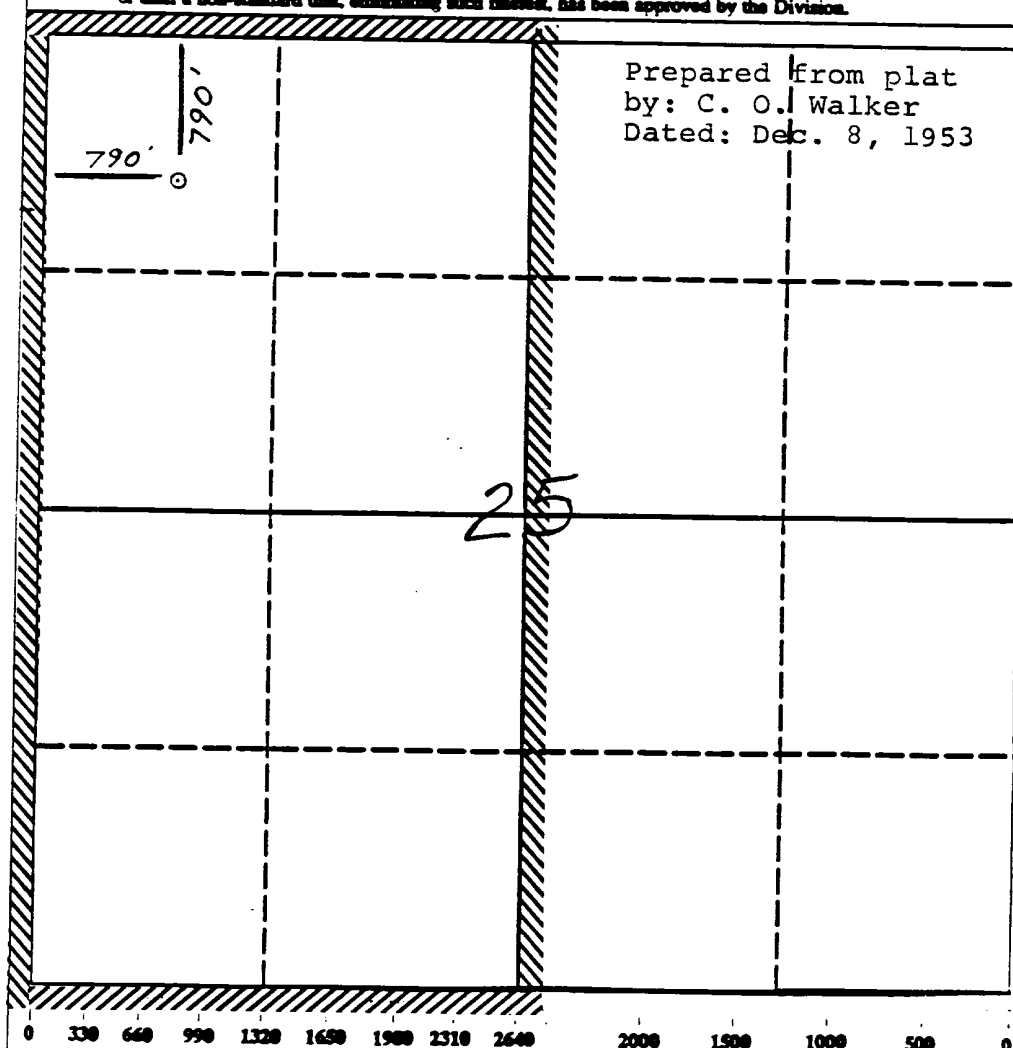
7-25-90

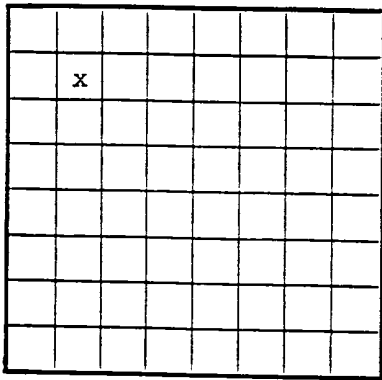
Date Surveyed

Signature
Professional Surveyor



Certificate No.
Neale C. Edwards





LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Magnolia Petroleum Company Address P. O. Box 635 - Midland, Texas
Lessor or Tract Clara Curley Field Fulcher-Kutz (Ext. State New Mexico)
Well No. 1 Sec. 25 T. 27N R. 9W Meridian N.M.P.M. County San Juan
Location 790 ft. S. of N. Line and 790 ft. W. of N. Line of Sec. 25 Elevation 6400 (Est)
(Denote gas by G)

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 R. T. GermanDate January 14, 1954Title Division Superintendent

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

Commenced drilling 11-27-, 1953 Finished drilling 12-6-, 1953

OIL OR GAS SANDS OR ZONES

Kirkland

(Denote gas by G)

No. 1, from 1302 to 1804 No. 4, from to
No. 2, from 1804 to 2041 No. 5, from to
No. 3, from 2041 to 2100 No. 6, from to

IMPORTANT WATER SANDS

(None water hauled to location)
No. 1, from to 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—	
10-3/4"	32.75	8VT	"B"SS	192	Hallib				Surface
10-3/4"	35.75	8VT	"B"SS	107	Hallib				Surface
7"	10VT		"B"SS	66	Hallib				Production
7"	10VT		"B"SS	66	Hallib				Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	290	200	Dump & Blend		
7"	204	300	Dump & Blend		
1"	1974	Per m&B			

PLUGS AND ADAPTERS

Heaving plug—Material None Length Depth set
Adapters—Material None Size

FOLD MARK

MERIDIAN OIL

August 29, 1990

New Mexico Oil Conservation Division
Attn: Mr. Michael E. Stogner
P.O. Box 2088
Santa Fe, New Mexico 87504

RECEIVED
SEP 07 1990
OIL CON. DIV.,
DIST. 3

RE: Huerfanito Unit #93
790' FNL, 790' FWL (Unit D)
Section 25, T27N, R09W
Basin Fruitland Coal Gas Pool
San Juan County, New Mexico
Unorthodox Coal Gas Well Location

Dear Mr. Stogner:

At the time Meridian Oil submitted the above-referenced unorthodox coal gas well location for your approval, we were aware that two South Blanco Pictured Cliffs gas wells were located in the W/2 320-acre coal dedication. Therefore, in response to your letter dated August 20, 1990 regarding the subject well, the following is submitted:

The primary justification of choosing the Huerfanito Unit #93 over the Huerfanito Unit #46 (standard location) concerns the known mechanical integrity of the Huerfanito Unit #93 wellbore. The Huerfanito Unit #46 wellbore failed in 1983 and its wellbore mechanical condition is judged to be poor. The well will be plugged and abandoned. Pictured Cliffs wells which have mechanical wellbore problems are less desirable recompletion candidates than uneconomic wells having mechanical integrity. Since the Huerfanito Unit #93 productivity is uneconomic at 10 MCF/D its plugback to the Fruitland Coal can be justified. Recompletion of the Huerfanito Unit #93 will allow us to produce Fruitland Coal reserves without creating economic waste by drilling a new well. There should be no correlative rights problem.

The Huerfanito Unit #93 well meets setback footage requirements. We recognize the Huerfanito Unit #93 is off pattern; however, in the near future we anticipate proposing a recompletion well in the SE/4 of Section 25. As indicated in the plat a proposed recompletion in SE/4 of Section 30 will be back on pattern. We have no other proposed recompletions in the area at this time. The working and royalty ownership in the W/2 and NE/4 of Section 25 is common. The direct offset acreage in SW/4 of Section 24; SE/4 of Section 23 and NE/4 of Section 26 is committed to the Huerfanito Unit.

Included is the requested plat of offsetting dedicated units showing completed coal projects and those proposed to date. Although all proposed coal gas well development projects are included, additional projects may be proposed in the future. Because it is less desirable from an economic standpoint to drill new wells in this area, the off pattern development of this unit utilizing the existing subject wellbore represents the most prudent operation for the immediate area.

Should you have any questions, please contact me.

Sincerely,

A handwritten signature in dark ink, appearing to read "R. E. Fraley", with a stylized flourish at the end.

Richard E. Fraley
Regional Production Engineer

REF/CRB:tt

attachments

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

DATE: AUGUST 27, 1990
 NAME: HUERFANITO UNIT #93
 FORM: FRUITLAND COAL

LOCATION
 UNIT: D
 SEC: 25
 TWN: 27
 RNG: 9

T
27
N

LEGEND

*
 WELLNAME
 EXISTING FORMATION -
 PRIOR TO RECOMPLETION

<p>[23] * HUERFANITO UNIT #55 (PC) COMPLETED R/C</p>	<p>[24]</p>	<p>[19]</p>
<p>[26] *</p>	<p>[25] * H.L. GENTLE #1 (PC) PROPOSED FTC R/C</p>	<p>[30] * NAVAJO INDIAN B #1 (PC) PROPOSED FTC R/C</p>
<p>[35] * HUERFANITO UNIT #29 (PC) COMPLETED R/C</p>	<p>[36] * HUERFANITO UNIT #51 (PC) COMPLETED R/C</p>	<p>[31]</p>

R-9-W

R-8-W