

MERIDIAN OIL

RECEIVED

JUN - 5 1989

OIL CONSERVATION DIV.
SANTA FE

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. Heizer #100 at 1430' from the North line and 2250' from the East line of Section 15, T-32-N, R-10-W, San Juan County, New Mexico.

The lack of access to location because of the Animas River makes this unorthodox location necessary.

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 15, along with an ownership plat, are attached.

Sincerely yours,

Peggy Bradfield

encl.

WAIVER

Union Texas Petroleum hereby waives objection to Meridian Oil Inc.'s application for an unorthodox location for their Heizer #100 as proposed above.

By: Date: 6/1/89

xc: Union Texas Petroleum
Amoco Production

MERIDIAN OIL

May 24, 1989

Case No. 9707

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

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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.

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Sincerely yours,



Peggy Bradfield

encl.

WAIVER

Amoco Production Co. hereby waives objection to Meridian Oil Inc.'s application for an unorthodox location for their Heizer #100 as proposed above.

By: JW Lawrence

Date: 6-5-89

xc: Union Texas Petroleum
Amoco Production

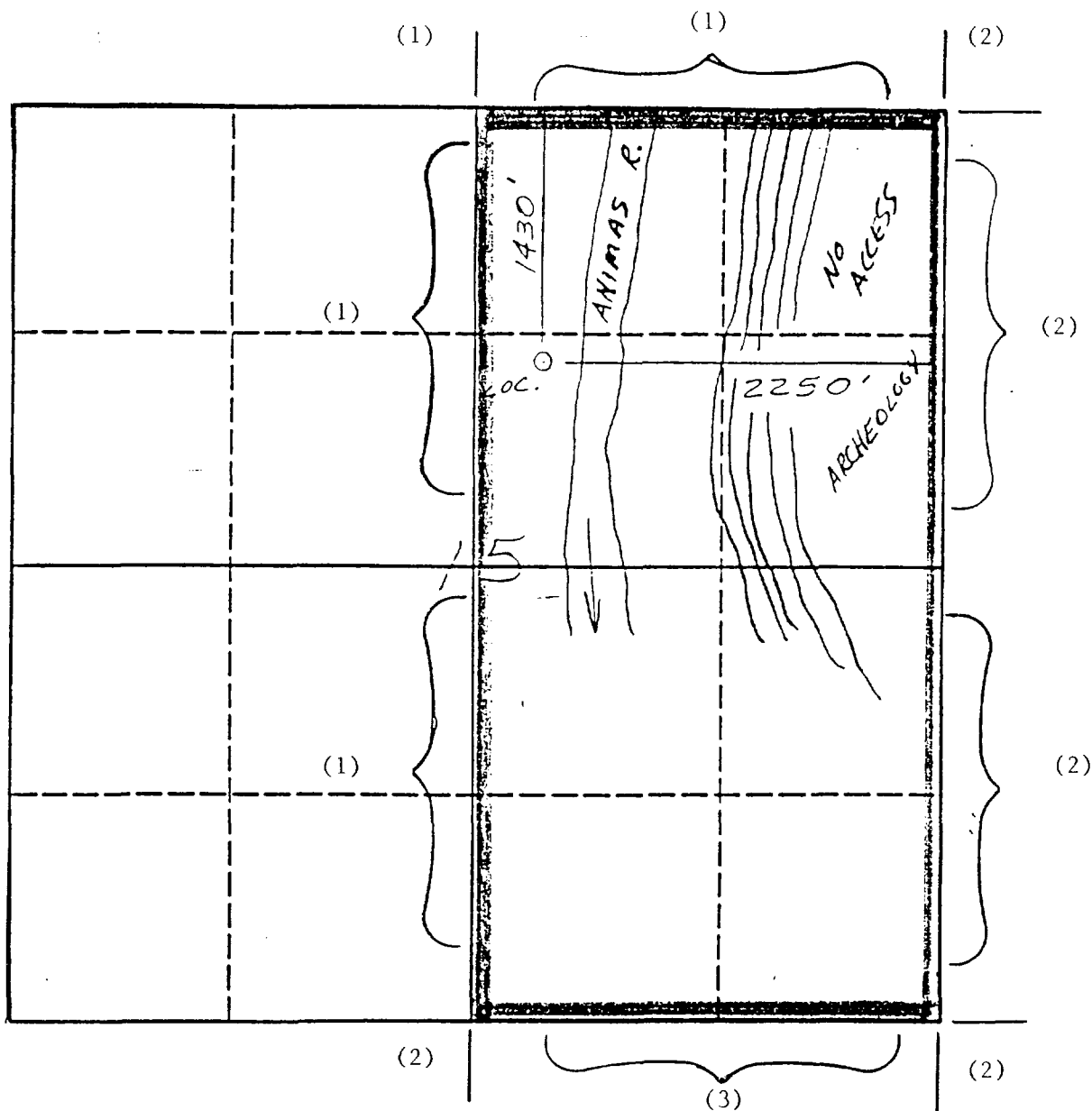
MERIDIAN OIL INC

Well Name Heizer #100

Footage 1430' FNL; 2250' FEL

APPLICATION FOR NON-STANDARD LOCATION

County San Juan State New Mexico Section 15 Township 32N Range 10R



Remarks

1) Meridian Oil Inc.

2) Amoco Production Company

3) Union Texas Petroleum Corporation

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

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 Heizer		Well No. 100
Unit Letter G	Section 15	Township 32 North	Range 10 West	County NMPM	San Juan
Actual Footage Location of Well: 1430 feet from the North line and 2250 feet from the East line					
Ground level Elev. 5940		Producing Formation		Pool	Dedicated Acreage: Acres

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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 _____
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 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 best of my knowledge and belief.

Signature

Printed Name

Position

Company

Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes 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.

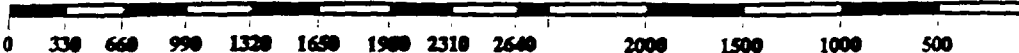
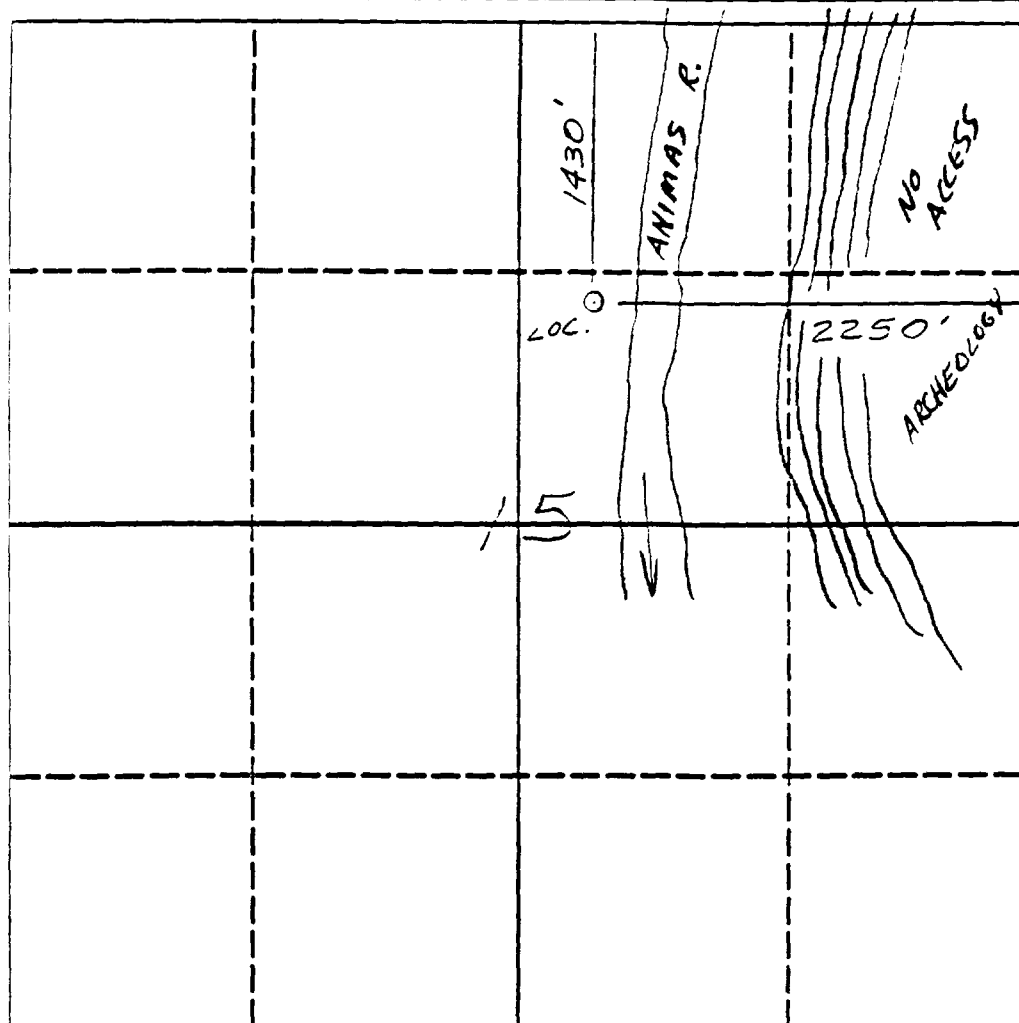
Date Surveyed

Neale C. Edwards

Signature of Seal of Professional Surveyor

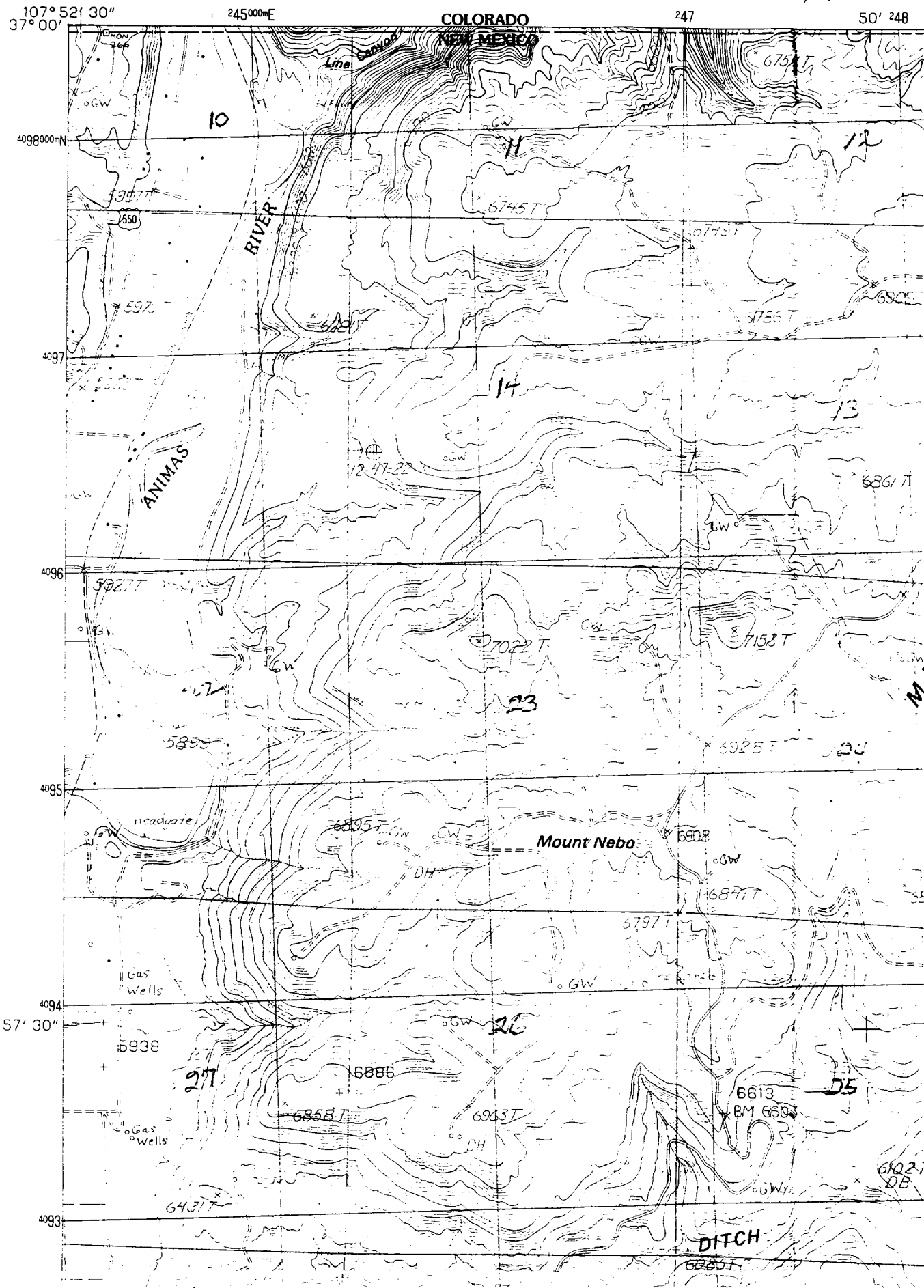
Certificate No.

6857



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

R-10



1744 C-108
 2nd 910-01 C-120
 Effective 11-01

Operator MERIDIAN OIL INC.			Lease HEIZER (Fee)		Well No. 100
Unit Letter A	Section 15	Township 32 NORTH	Range 10 WEST	County SAN JUAN	

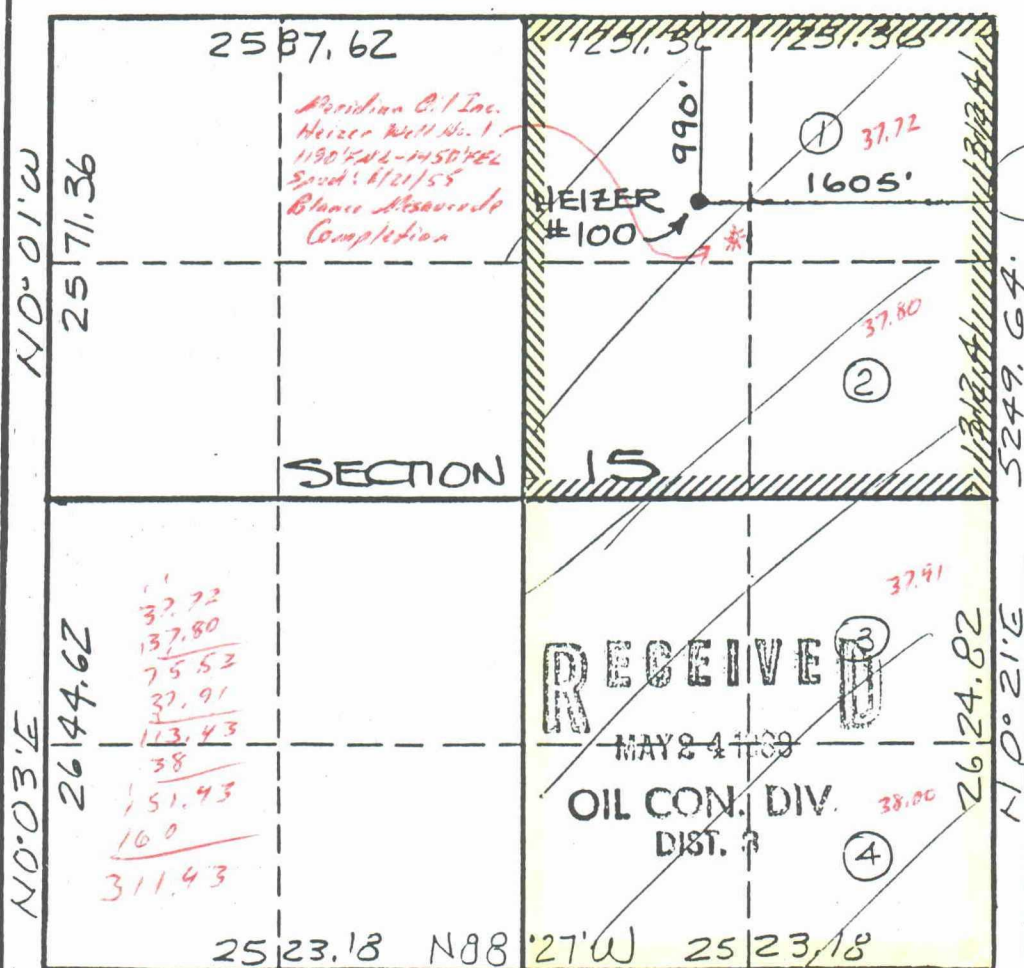
990	feet from the	NORTH	line and	1605	feet from the	EAST	line
-----	---------------	-------	----------	------	---------------	------	------

Ground Level Elev. 5915	Producing Formation Fruitland Coal	Pool CEDAR HILL FRT BASAL Undesignated COAL EXT	Dedicated Acres 160 34.48 Acres
----------------------------	---------------------------------------	---	------------------------------------

- ☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer to "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 communalization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. N89°24'W N88°07'W



I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Sage, Oak

Drilling Clerk

Position
Meridian Oil Inc.

Company 5-18-88

Deutscher

I hereby certify that the location shown on this plot was plotted from field notes of actual **6857** made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
MAY 3, 1988

**Registered Professional Engineer
and/or Land Surveyor**

NEALE C. EDWARDS

Certificate No.
6857

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

3a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER-		7. Unit Agreement Name
Name of Operator Meridian Oil Inc.		8. Farm or Lease Name Heizer
Address of Operator P.O. Box 4289, Farmington, New Mexico 87499		9. Well No. 100
Location of Well UNIT LETTER <u>A</u> <u>990</u> FEET FROM THE <u>North</u> LINE AND <u>1605</u> FEET FROM THE <u>East</u> LINE, SECTION <u>15</u> TOWNSHIP <u>32N</u> RANGE <u>10W</u> NMPM.		10. Field and Pool, or Hidden Cedar Hill Ft. Basal Coal
11. Elevation (Show whether DF, RT, GR, etc.) 5915' GL		12. County San Juan

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <u>Permit to Drill Extension</u> <input checked="" type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER <input type="checkbox"/>

7. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) -SEE RULE 1103.

It is anticipated that the "Permit to Drill" will expire before this well can be spudded; Therefore, an extension is requested.

RECEIVED

MAY -1 1989
OIL CONSERVATION DIV.
SANTA FE

RECEIVED

APR 24 1989

OIL CON. DIV
DIST. 3

APPROVAL EXPIRES 11-7-89
UNLESS DRILLING IS COMMENCED.
SPUD NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS.

8. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED [Signature] TITLE Regulatory Affairs DATE 4-19-89

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT DATE APR 24 1989

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

RECEIVED
NOV 17 1988

3a. Indicate Type of Lesse	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
3. State Oil & Gas Lease No.	

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER-		7. Unit Agreement Name
Name of Operator Meridian Oil Inc.		8. Farm or Lease Name Heizer
Address of Operator P.O. Box 4289, Farmington, New Mexico 87499		9. Well No. 100
Location of Well UNIT LETTER <u>A</u> <u>990</u> FEET FROM THE <u>North</u> LINE AND <u>1605</u> FEET FROM THE <u>East</u> LINE, SECTION <u>15</u> TOWNSHIP <u>32N</u> RANGE <u>10W</u> NMPM.		10. Field and Pool, or Wildcat Cedar Hill Basal Coal
11. Elevation (Show whether DF, RT, GR, etc.) 5915' GL		12. County San Juan

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUS AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <u>Permit to Drill Extension</u> <input checked="" type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER <input type="checkbox"/>

7. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

It is anticipated that the "Permit to Drill" will expire before this well can be spudded; Therefore, an extension is requested.

RECEIVED
NOV 07 1988
OIL CON. DIV.
DIST. 3

RECEIVED
NOV 23 1988
OIL CON. DIV.

Approval expires 5-7-89

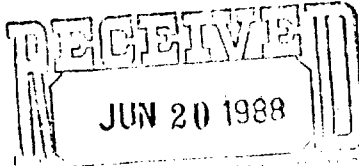
8. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed [Signature] TITLE Regulatory Affairs DATE 10-27-88

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT # 3 DATE NOV 07 1988
CONDITIONS OF APPROVAL, IF ANY:

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION



30-045-26950 ✓
Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Heizer	
2. Name of Operator Meridian Oil Inc.		9. Well No. 100	
3. Address of Operator PO Box 4289, Farmington, NM 87499		10. Field and Pool, or Wildcat CEDAR HILL BASAL UNDER Fruitland Coal	
4. Location of Well UNIT LETTER <u>A</u> LOCATED <u>990</u> FEET FROM THE <u>North</u> LINE AND <u>1605</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>15</u> TWP. <u>32N</u> RGE. <u>10W</u> NMPM		12. County San Juan	
19. Proposed Depth 2670'		19A. Formation Fruitland	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 5915' GL	
21A. Kind & Status Plug. Bond statewide		21B. Drilling Contractor	
22. Approx. Date Work will start			

23. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	9 5/8"	36.0#	200'	130 cu.ft.	circ. surface
8 3/4"	7"	20.0#	2445'	770 cu.ft.	circ. surface
6 1/4"	5 1/2"	23.0#	2670'	do not cement	

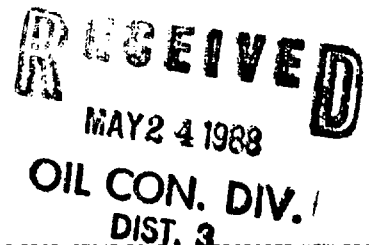
The Fruitland Coal formation will be completed.

A 3000 WP and 6000 psi test double gate preventer equipped with blind and pipe rams will be used for blow out prevention on this well.

This gas is dedicated.

The NE/4 of Section 15 is dedicated to this well.

APPROVAL EXPIRES 11-25-88
UNLESS DRILLING IS COMMENCED.
SPUD NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS.



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM. IF PROPOSED IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed [Signature] Title Drilling Clerk Date 5-18-88

(This space for State Use)

APPROVED BY [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE MAY 24 1988

CONDITIONS OF APPROVAL, IF ANY:

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-103
Supersedes C-120
Effective 1-4-85

All distances must be from the outer boundaries of the Section.

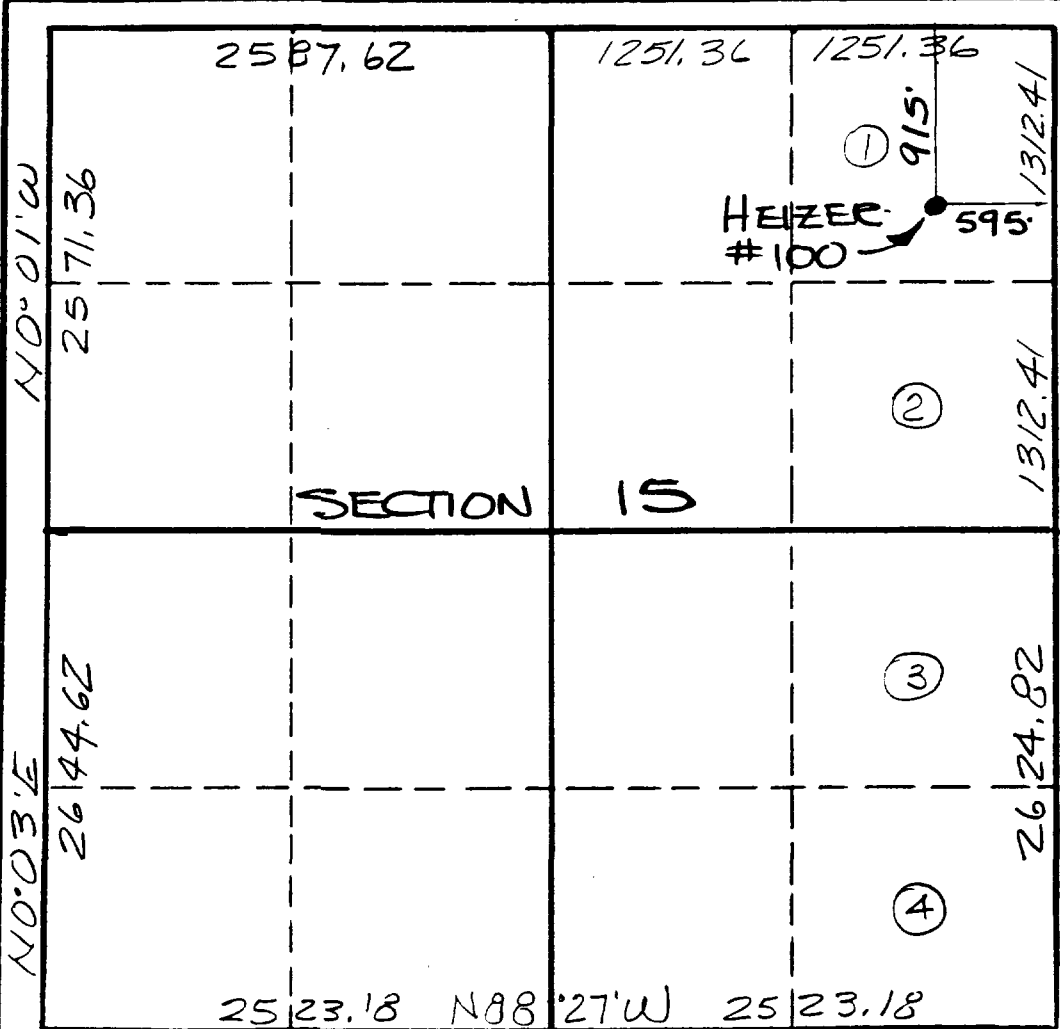
Operator MERIDIAN OIL INC.			Lease HEIZER		Well No. 100
Unit Letter A	Section 15	Township 32 NORTH	Range 10 WEST	County SAN JUAN	
Actual Postage Location of Well					
915		feet from the NORTH line and		595	
feet from the		feet from the		EAST	
Ground Level Elev. 6273	Producing Formation		Pool	Dedicated Acreage Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

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 interests, has been approved by the Commission. **N89°24'W** **N88°07'W**



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name _____

Position _____

Company _____

Date _____

I hereby certify that the location shown on this plat was plotted from field notes of actual survey made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
APRIL 25, 1988

Registered Professional Engineer
and/or Land Surveyor

NEALE C. EDWARDS

Certificate No.
6857

BEFORE EXAMINER CATANACH

OIL CONSERVATION DIVISION

MORAN EXHIBIT NO. 12

PAGE NO. 9707