

Squeeze the pictured cliffs perforations
with cement.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. Type of Well GAS	5. Lease Number SF-078566A
2. Operator Meridian Oil Inc.	6. If Indian, All.or Tribe Name
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499	7. Unit Agreement Name
4. Location of Well 705'N, 1900'W	8. Farm or Lease Name Howell
	9. Well No. 10
	10. Field, Pool, Wildcat S. Blanco Pic. Cliffs
	11. Sec. T. R. M. or Blk Sec. 35, T-28-N, R-8 -W NMPM

14. Permit No.	15. Elevations 6216' GR	12. County San Juan	13. State NM
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16. Intent to/Subsequent Report of :

17. Describe proposed or completed operations:

It is intended to plug back the Pictured Cliffs and recomplete in the Fruitland Coal formation in the following manner:

Set packer at 2600'. Pressure test casing to 3500 psi. Perforate at 2396-98, 2432-34', 2484-90', 2500-06', 2530-54', 2566-96' and 2620-28' w/2 spf. Set CIBP @ 2610'. Fracture treat well with 200 bbls. fluid. Flow well back. Land 1 1/4" tbg @ 2560'.

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OCT 11 1989

OIL CON. DIV

DIST. 2

09-12-89

18. Authorized by: [Signature]
Regulatory Affairs

NOTE: This format is issued in lieu of US BLM Form

APPROVED
AS AMENDED
Date

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____
CONDITION OF APPROVAL, IF ANY:

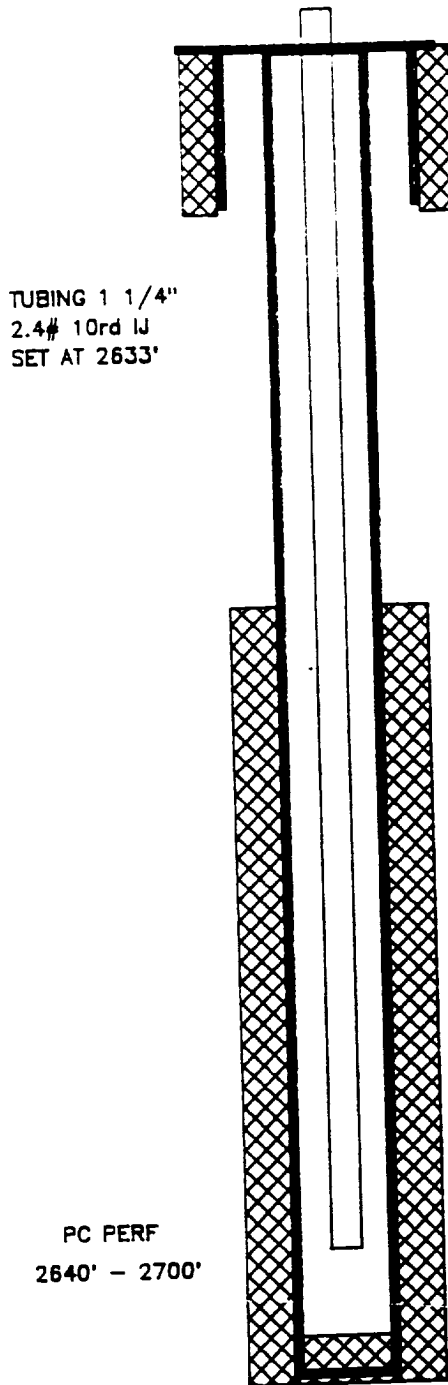
NMOCD

OCT 04 1989
[Signature]
AREA MANAGER
DATE

HOWELL #10

WELLBORE DIAGRAM

CURRENT



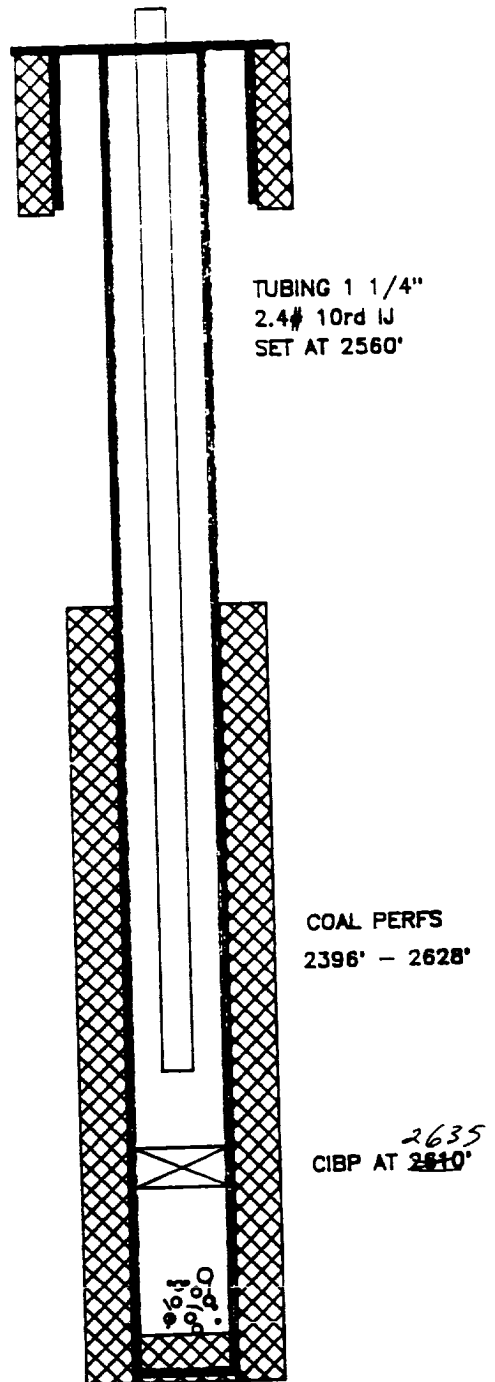
8 5/8" 24.0# J-55
SET AT 141'
CMT TO SURFACE

CMT TOP 1600'

2 7/8" 6.4# J-55
SET AT 2796'

COTD AT 2777'
PBTD AT 2785'
TD AT 2796'

PROPOSED



TUBING 1 1/4"
2.4# 10rd IJ
SET AT 2560'

COAL PERFS
2396' - 2628'

CIBP AT 2635'
2640'

B1M
PB
C

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

GARREY CARRUTHERS
GOVERNOR

October 12, 1989

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

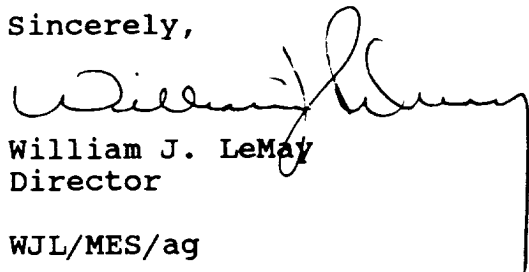
Administrative Order NSL-2700

Dear Mr. Bradfield:

Reference is made to your application of September 15, 1989 for a non-standard coal gas well location for your existing Howell Well No. 10 located 705 feet from the North line and 1900 feet from the East line (Unit C) of Section 35, Township 28 North, Range 8 West, NMPM, Basin Fruitland Coal (Gas) Pool, San Juan County, New Mexico, which is presently completed in the South Blanco Pictured Cliffs Pool at a previously approved unorthodox gas well location (Division Administrative Order NSL-506). The N/2 of said Section 35 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
Director

WJL/MES/ag

cc: Oil Conservation Division - Aztec
New Mexico Oil & Gas Engineering Committee - Hobbs
US Bureau of Land Management - Farmington

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OCT 26 1989

OIL CON. DIV.
DIST. 3



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

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

OIL CONSERVATION DIVISION
BOX 2088
SANTA FE, NEW MEXICO 87501

DATE 10-17-89

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

Gentlemen:

I have examined the application dated 9-19-89
for the Meridian Oil Inc. Howell #10 C-35-28N-8W
Operator Lease and Well No. Unit, Block

and my recommendations are as follows:

Approve

Yours truly,

Eric Busch

9/15/89

Attn: E. Bush

MERIDIAN OIL

September 13, 1989

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

Dear Mr. LeMay:

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

It is intended to locate the Meridian Oil Inc.'s Howell #10 at 705' from the North line and 1900' from the West line of Section 35, T-28-N, R-8-W, San Juan County, New Mexico. This well was originally drilled as a Pictured Cliffs and is intended to be plugged back to the Fruitland Coal Pool.

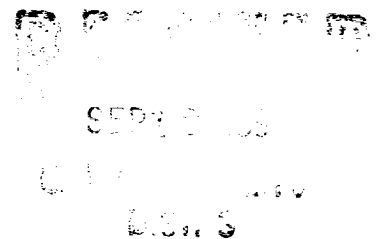
A copy of this application is being submitted to all offset owners/operators by certified mail with a request that they furnish your Santa Fe office with a Waiver of Objection, and return one copy to this office.

Sincerely yours,



Peggy Bradfield

encl.



WAIVER

_____ hereby waives objection to Meridian Oil Inc.'s application for an unorthodox location for their Howell #10 as proposed above.

By: _____ Date: _____

cc: Conoco, Inc
Amoco Production

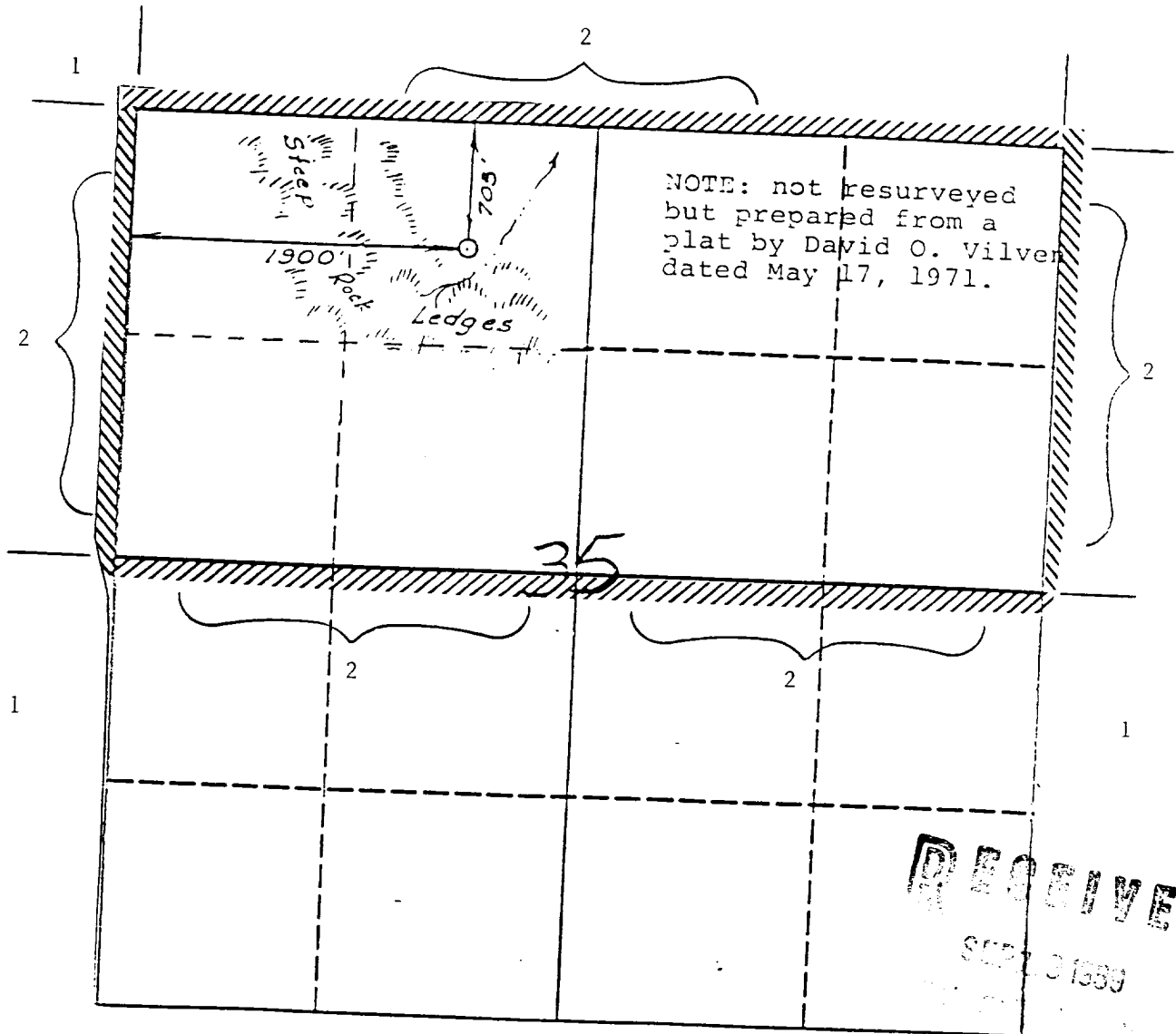
MERIDIAN OIL INC

Well Name Howell #10

Footage 705' FNL; 1900' FWL

APPLICATION FOR NON-STANDARD LOCATION

County San Juan State New Mexico Section 35 Township 28N Range 8W



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SEP 13 1980

Remarks 1) Meridian Oil Inc.

2) Conoco, Inc.

Amoco Production Corporation

Submit to Appropriate
District Office
State Leases - 4 copies
Fee Leases - 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

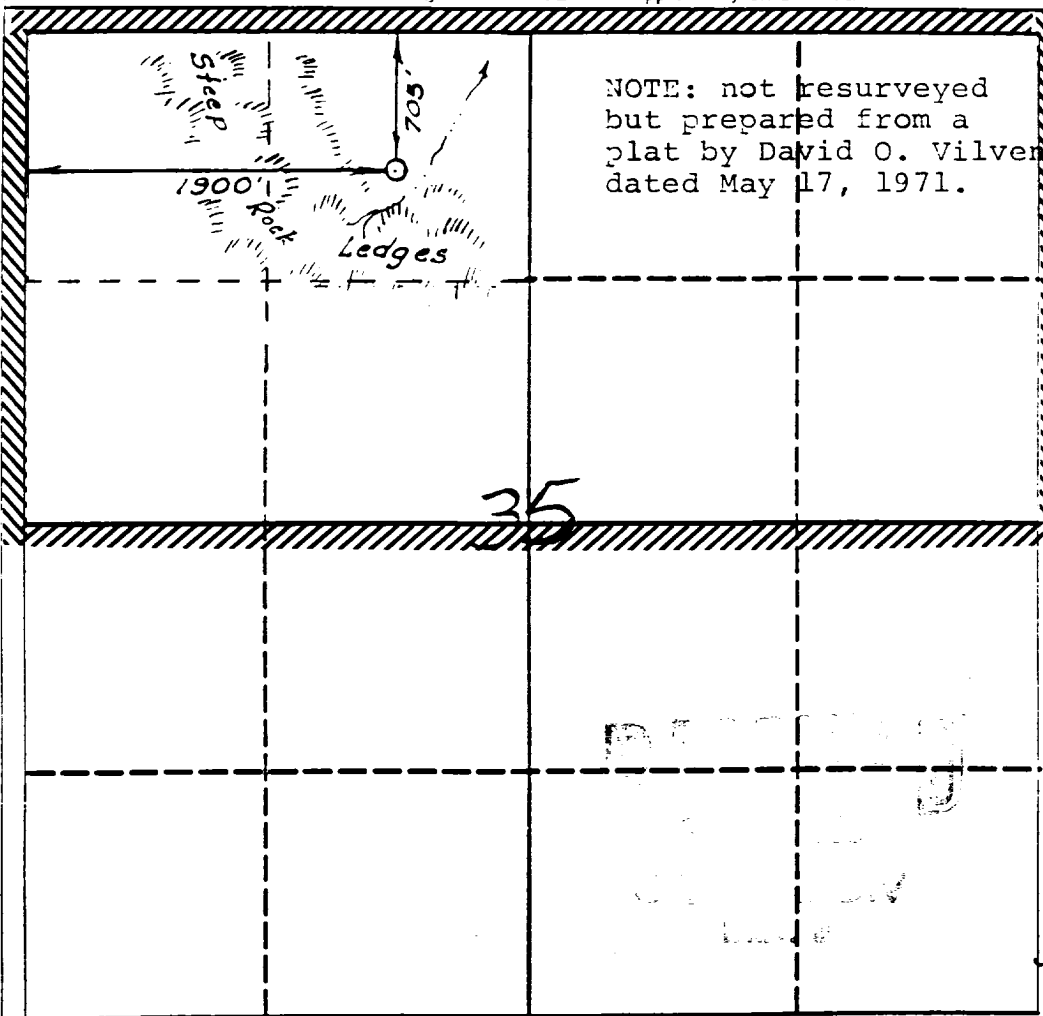
All Distances must be from the outer boundaries of the section

Operator Meridian Oil Inc.		Lease Howell (SF-078566A)		Well No. 10
Unit Letter C	Section 35	Township 28N	Range 8W	County NMPM San Juan
Actual Footage Location of Well: 705 feet from the North line and 1900 feet from the West line				
Ground level Elev. 6216' GL	Producing Formation Fruitland Coal	Pool Basin	Dedicated Acreage: 320 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or lacquer 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, 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
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.

Date Surveyed
Neal E. Edwards
Signature of Seal of Professional Surveyor

6857
REGISTERED LAND SURVEYOR
Certificate No.

6857