

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-039-25125
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL
1b. TYPE OF WELL
GAS

2. OPERATOR
MERIDIAN OIL INC.

3. ADDRESS & PHONE NO. OF OPERATOR
P O BOX 4289
FARMINGTON, NM 87499

4. LOCATION OF WELL
1085'FSL 790'FWL

5. LEASE NUMBER
SF-079051
6. IF INDIAN, ALL. OR TRIBE NAME

7. UNIT AGREEMENT NAME
SAN JUAN 28-6 UNIT

8. FARM OR LEASE NAME
SAN JUAN 28-6 UNIT
9. WELL NO.
465

10. FIELD, POOL, OR WILDCAT
BASIN FRUITLAND COAL
11. SEC. T. R. M OR BLK.
M SEC. 33 T28N R06W NMPM

12. COUNTY
RIO ARRIBA
13. STATE
NM

14. DISTANCE IN MILES FROM NEAREST TOWN
8 MILES SW OF GOBERNADOR

15. DISTANCE FROM
PROPOSED LOCATION 790'
TO NEAREST PROPERTY
OR LEASE LINE.

16. ACRES IN LEASE 17. ACRES ASSIGNED TO WELL
1753.380 W/ 325.59 -

18. DISTANCE FROM
PROPOSED LOCATION
TO NEAREST WELL DR. 1000'
COMPL., OR APPLIED
FOR ON THIS LEASE.

19. PROPOSED DEPTH 20. ROTARY OR CABLE TOOLS
3320' ROTARY

21. ELEVATIONS (DF, FT, GR, ETC.)
6531'GL

22. APPROX. DATE WORK WILL START

23. PROPOSED CASING AND CEMENTING PROGRAM

*SEE OPERATIONS PLAN

24. AUTHORIZED BY:

REG. DRILLING ENGR.

RECEIVED

OCT 7 1991

OIL CON. DIV.]

DIST. 3

9/17/91
DATE

PERMIT NO. APPROVAL DATE

APPROVED BY TITLE DATE

APPROVED
AS AMENDED

NOTE: THIS FORMAT IS ISSUED IN LIEU OF US BLM FORM 3160-3

ARCH REPORT SUBMITTED 09/07/90

OCT 04 1991

AREA MANAGER

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form
Revised

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 00, Artesia, NM 88210

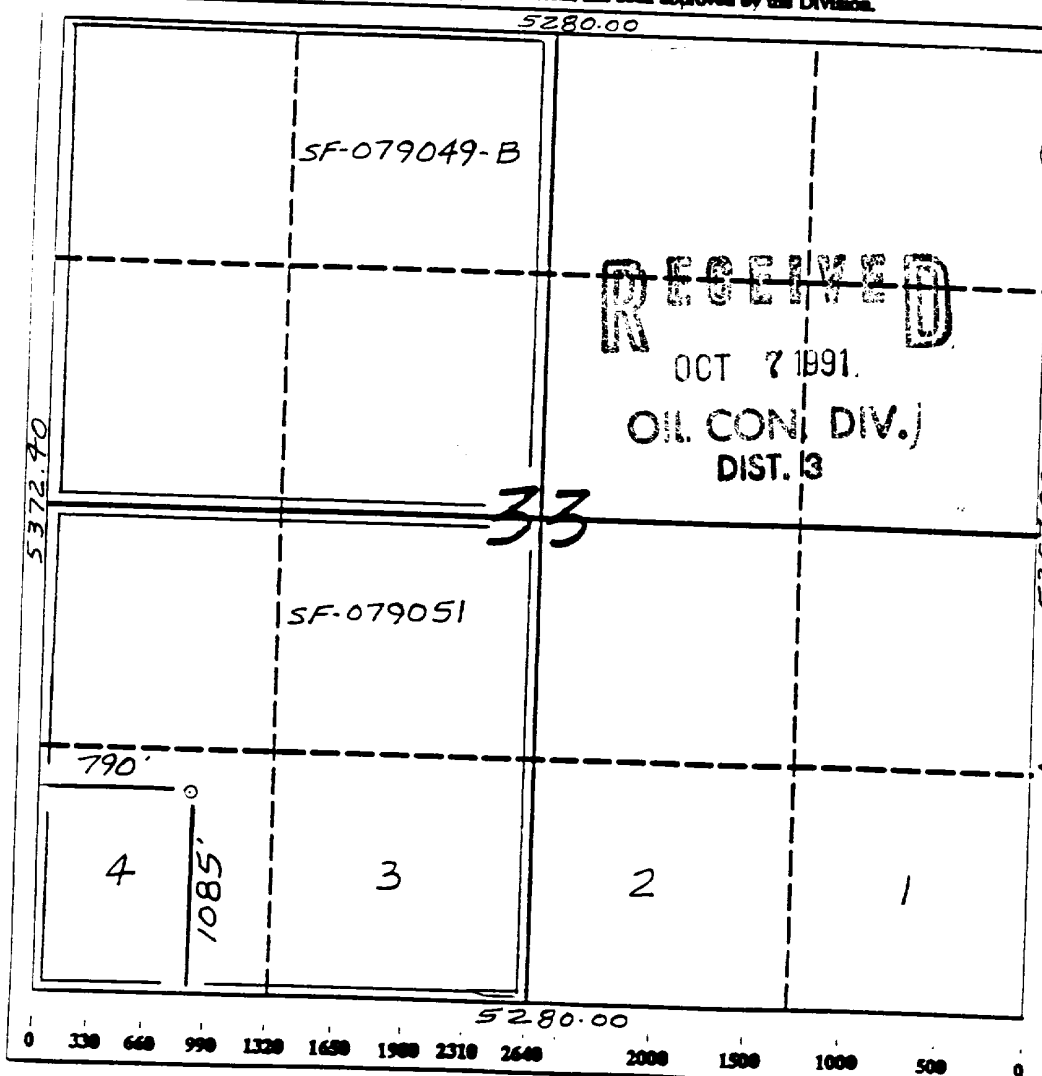
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Meridian Oil Inc.			Lease (SF-079051) San Juan 28-6 Unit		Well No. 465 46
Unit Letter M	Section 33	Township 28 North	Range 6 West	County Rio Arriba	
Actual Footage Location of Well: 1085 feet from the South line and 790 feet from the West line					
Ground level Elev. 6531'		Producing Formation Fruitland Coal		Pool Basin	Dedicated Acres 325.59

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



OPERATOR CERTIFICATE

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

Signature Peggy Bradfield

Printed Name Peggy Bradfield

Regulatory Affa

Position

Meridian Oil Inc

Company

Date 9-17-91

SURVEYOR CERTIFICATE

I hereby certify that the well location on this plat was plotted from the actual surveys made by me or my supervisor, and that the same is correct to the best of my knowledge and belief.

Date Surveyed 8-17-90

Signature [Signature]

Professional Seal



Certificate of Survey
Neale

Well Name: 465 SAN JUAN 28-6 UNIT 1085'FSL 790'FWL
 Sec. 33 T28N R06W RIO ARriba NEW MEXICO
 BASIN FRUITLAND COAL Elevation 6531'GL

Formation tops: Surface- SAN JOSE

Ojo Alamo- 2504

Kirtland- 2646

Fruitland- 2968

Fruitland Coal Top- 3168

Fruitland Coal Base- 3263

Pictured Cliffs- 3273

Total Depth- 3320

Logging Program: Mud logs from 2968 to total depth.

Mud Program:	Interval	Type	Weight	Visc.	Fl. Loss
	0 - 200	Spud	8.4 - 8.9	40-50	no control
	200 - 3320	Non-dispersed	8.4 - 9.5	30-60	no control

Casing Program:	Hole Size	Depth Interval	Csg. Size	Weight	Grade
	12 1/4"	0 - 200	8 5/8"	24.0#	K-55
	7 7/8"	0 - 3320	4 1/2"	10.5#	K-55
Tubing Program:		0 - 3320	2 3/8"	4.7#	J-55

Float Equipment: 8 5/8" surface casing - saw tooth guide shoe. Centralizers will be run in accordance with Onshore Order #2.

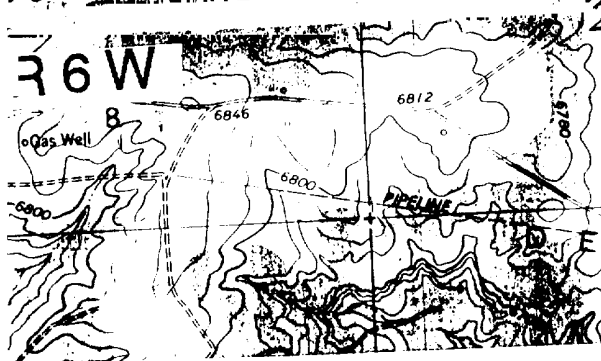
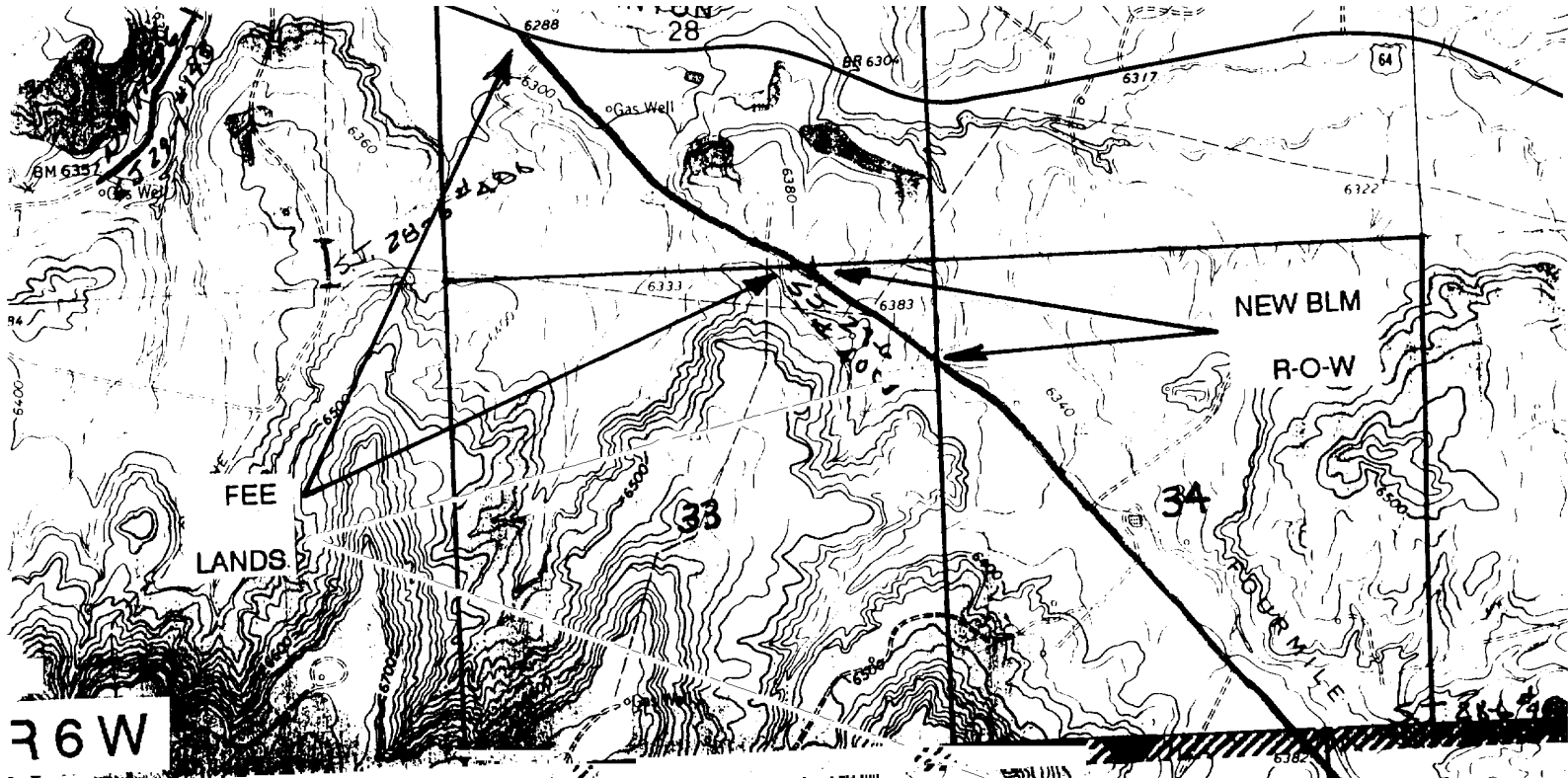
4 1/2" production casing - guide shoe on bottom. Float valve one joint off bottom. Three centralizers run every other joint above shoe. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 2646'. Stage tool @ 2646'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

Wellhead Equipment: 8 5/8" x 4 1/2" x 2 3/8" x 11" 3000 psi xmas tree assembly

Cementing:

8 5/8" surface casing - cement with 211 sacks of class "B" cement with 1/4# flocele/sack and 3% calcium chloride (248 cu ft. of slurry, 200% excess to circulate to surface). WOC 12 hours. Test casing to 600 psi for 30 minutes.

4 1/2" production casing - First stage: Lead with 70 sacks of 65/35 Class "B" pozmix with 6% gel, 2% CaCl₂, 5#/sack Gilsonite, and 1/4#/sack Flocele. Tail with 130 sacks Class "B" with 2% CaCl₂. Second Stage: Lead with 190 ~~345~~ sacks of 65/35 Class "B" pozmix with 6% gel, 2% CaCl₂, 5#/sack Gilsonite, and 1/4#/sack Flocele. Tail with 60 sacks Class "B" with 2% CaCl₂. WOC 12 hours. If cement does not circulate to surface, a temperature log will be run after 8 hours to determine TOC. for 30 minutes.



JAUN 28-6 UNIT #465

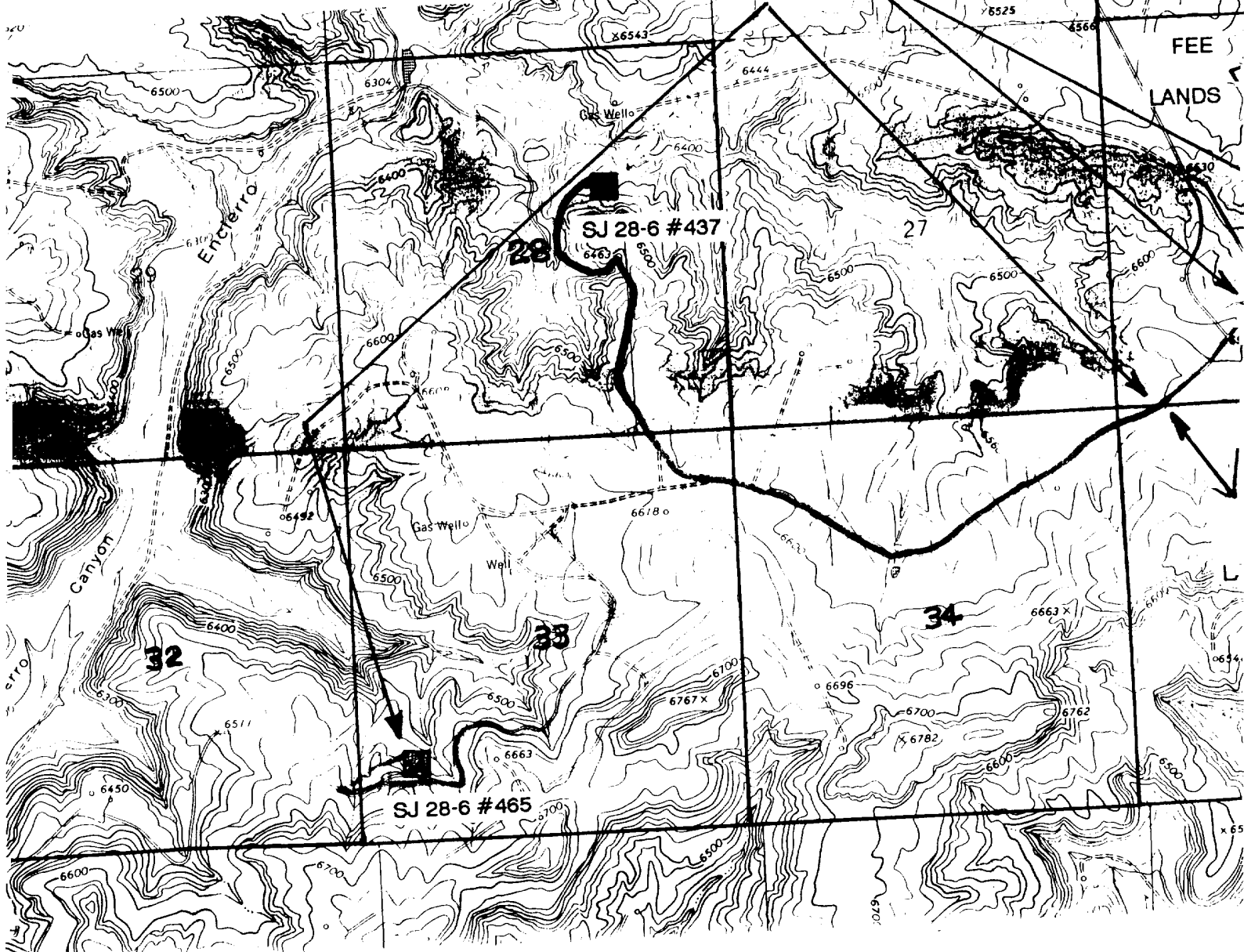
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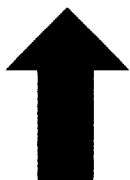
New Construction

BLM ROW:

SECTION 33:	S2SW	2300'
	NESW	200'
	NWSE	1600'
	SWNE	1000'
	NENW	1200'
	N2NE	2800'
32:	SESE	600'

MERIDIAN OIL INC





LTR



Job separation sheet

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NOV 20 1991

OIL CON. DIV.]

6. If Indian, All.or
Tribe Name

7. Unit Agreement Name
San Juan 28-6 Unit

8. Well Name & Number
San Juan 28-6 Unit #465

9. API Well No.
30-039-25125

10. Field and Pool
Basin Fruitland Coal

11. County and State
Rio Arriba County, NM

Type of Submission

Type of Action

x Subsequent Report

Final Abandonment

Abandonment

Recompletion

Plugging Back

Casing Repair

Altering Casing

x Other - spud & cmt csg

Change of Plans

New Construction

Non-Routine Fracturing

Water Shut Off

Conversion to Injection

10-15-91 Spud @ 1:00 am. TD 230'. Ran 5 jts 8 5/8", 24.0#, K-55 csg, 211' set @ 223'. Cmt'd w/210 sx Class "B" cmt w/3% calcium chloride and 1/4#/sx flocele (246 cu.ft.). Circ 7 bbl. to surface. WOC 12 hrs. PT 600#/30 min, ok.

10-19-91 TD 3324'. Ran 77 jts 4 1/2", 10.5#, K-55 8rd ST&C csg, 3312' set @ 3324'. Cmt'd first stage w/70 sx Class "B" 65/35 Poz w/6% gel, 2% calcium chloride, 5#/sx gilsonite, 1/4#/sx flocele (124 cu.ft.), tailed w/130 sx Class "B" cmt w/2% calcium chloride (154 cu.ft.) circulated 3 bbl. to surface; second stage w/630 sx Class "B" 65/35 Poz w/6% gel, 2% calcium chloride, 5#/sx gilsonite and 1/4#/sx flocele (1115 cu.ft.), tailed w/80 sx Class "B" cmt w/2% calcium chloride (94 cu.ft.). Circulated 50 bbls. to surface. WOC. Stage tool set @ 2638'.

14. I hereby certify that the foregoing is true and correct

Signed 1994 *Drasfeld* Title Regulatory Affairs Date 11-5-91

(This space for Federal or State office use)

APPROVED BY _____
CONDITION OF APPROVAL, IF ANY:

TITLE

DATE _____

NOV 10 1991

FARMINGTON RESOURCE AREA

BY