

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-089-25366

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APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

COCONINO, NM

1a. Type of Work DRILL	5. Lease Number SF-079521	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator MERIDIAN OIL 14538	7. Unit Agreement Name San Juan 28-5 Unit	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 7460 San Juan 28-5 Unit 9. Well Number 240	
4. Location of Well 1450' FNL, 790' FEL Latitude 36° 37' 15", Longitude 107° 22' 33"	10. Field, Pool, Wildcat Basin Ft Coal/ 71629 S. Blanco PC EXT 11. Sec., Twn, Rge, Mer. H Sec 32, T-28-N, R-5-W NMPM	
14. Distance in Miles from Nearest Town 4 miles to Gobernador, NM	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 790'	17. Acres Assigned to Well 320 N/2; 160 NE/4	
16. Acres in Lease 638.720	This action is subject to technical and procedural review pursuant to 43 CFR 3166.3 and appeal pursuant to 43 CFR 3166.4.	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 600'	20. Rotary or Cable Tools Rotary	
19. Proposed Depth 3500'	21. Elevations (DF, FT, GR, Etc.) 6536' GL	
23. Proposed Casing and Cementing Program See Operations Plan attached.	22. Date Work will Start 11/8/93	
24. Authorized by:  Regional Drilling Engineer	Date	

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MAR 24 1994
OIL CON. DIV.
DIST. 3

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

APPROVED
AS AMENDED

Archaeological Report to be submitted
Threatened and Endangered Species Report to be submitted
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3



NIAA000

MAR 22 1994

DISTRICT MANAGER

Schedule to Assestment
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-182
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, Artesa, NM 88210

DISTRICT III
1000 Rio Seneca 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 San Juan 28-5 Unit		Well No. 240
Unit Letter H	Section 32	Township 28 North	Range 5 West	County Rio Arriba
Actual Footage Location of Well: 1450 feet from the North line and 790 feet from the East line				
Ground level Elev. 6536'	Producing Formation Fruitland Coal/Pic.Cliffs	Pool Basin/S. Blanco	Dedicated Acreage 320/160 Acres	
1. Outline the acreage dedicated to the subject well by colored pencil or machine 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 <u>unitization</u> 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 the best of my knowledge and belief.

Peggy Bradford
Signature

Peggy Bradford

Printed Name

Regulatory Representative

Position

Meridian Oil Inc.

Company

Date
11-4-93

SURVEYOR CERTIFICATION

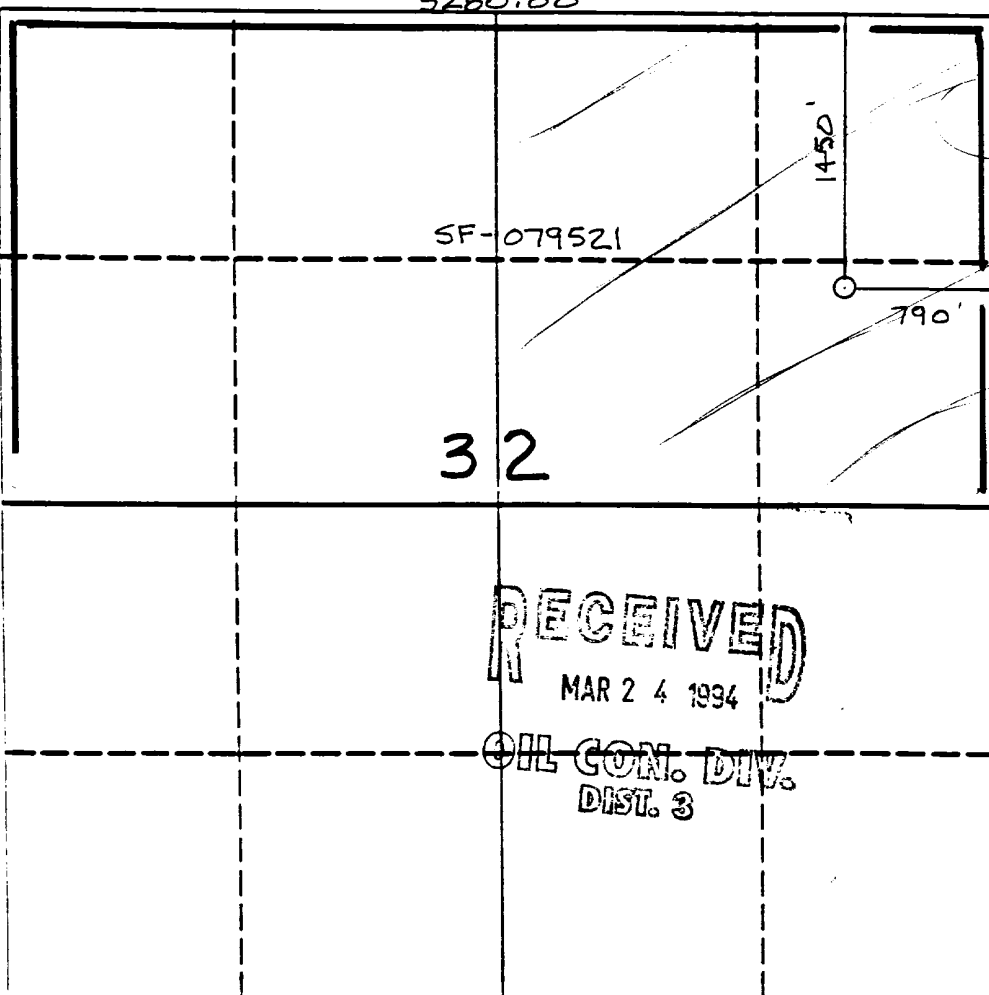
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief. 10-9-93

Date Surveyed
G. EDWARDS

Signature of State Professional Surveyor
6857

Certificate No.

6857



OPERATIONS PLAN

Well Name: San Juan 28-5 Unit #240
Location: 1450'FNL, 790'FEL Section 32, T-28-N, R-5-W
 Rio Arriba County, New Mexico
 Latitude 36° 37' 15", Longitude 107° 22' 33"
Formation: Basin Fruitland Coal/S.Blanco Pictured Cliffs
Elevation: 6536'GL

Formation:	Top	Bottom	Contents
Surface	San Jose	2725'	
Ojo Alamo	2725'	2825'	aquifer
Kirtland	2825'	3085'	
Fruitland	3085'	3367'	
Fruitland Coal Top	3185'	3365'	gas
Pictured Cliffs	3367'	3445'	gas
Lewis	3445'		
Total Depth	3500'		

Logging Program: Mud logs from 2700' to Total Depth
 DIL-GR-SP - surface to Total Depth
 GL-GR-SP-CAL/Dens-Neut-GR-CAL - 2700' to Total Depth

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 200'	Spud	8.4-8.9	40-50	no control
200-3500'	Non-dispersed	8.4-9.5	30-60	no control

Casing Program:

Hole Size	Depth Interval	Csg.Size	Wt.	Grade
12 1/4"	0 - 200'	8 5/8"	24.0#	K-40
7 7/8"	0 - 3500'	4 1/2"	10.5#	K-55

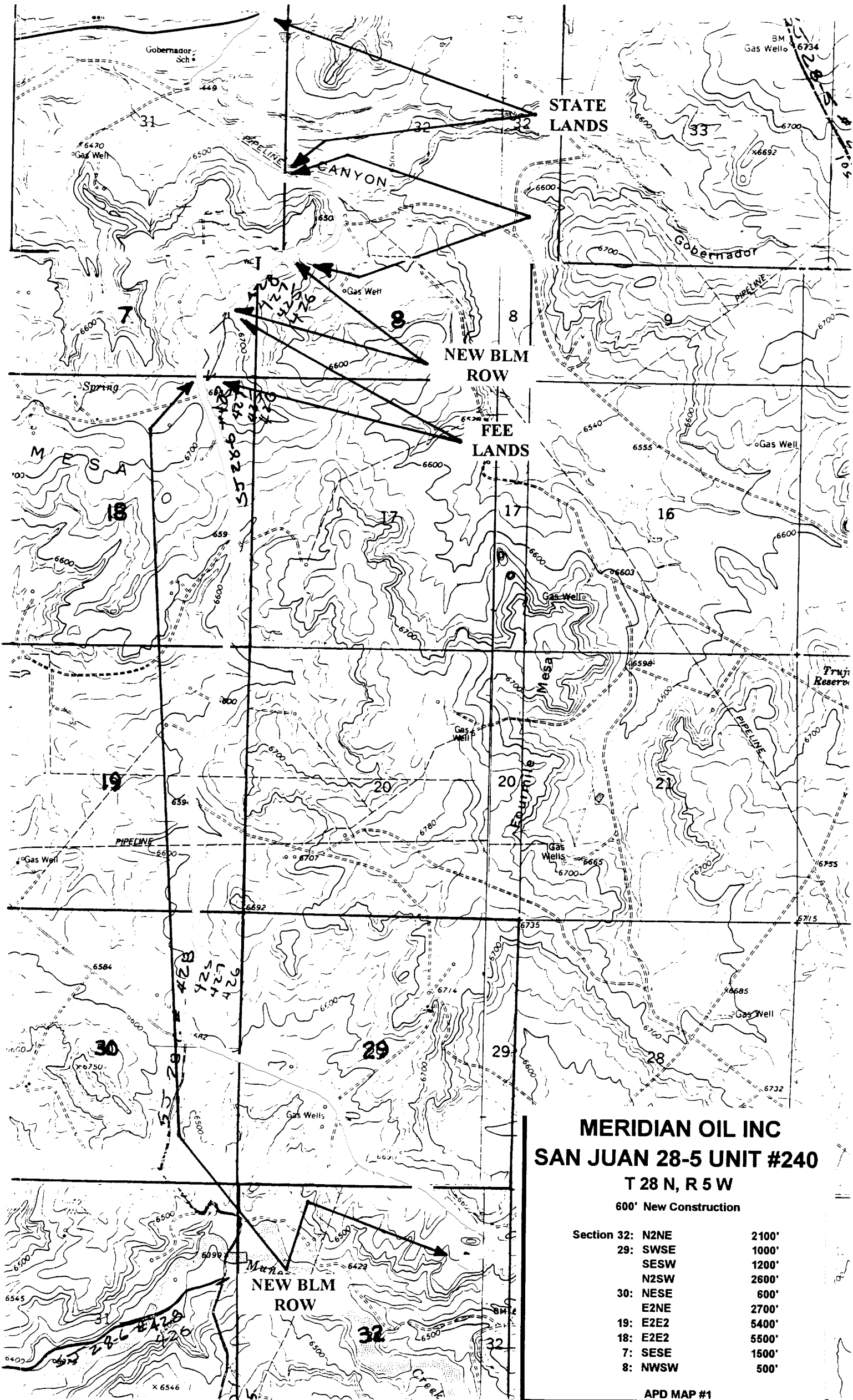
Tubing Program:

0 - 3500'	2 3/8"	4.7#	J-55
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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 - float shoe on bottom. Three centralizers run every other joint above shoe. Four centralizers run every 3rd joint to the base of the Ojo Alamo @ 2825'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 2825'. 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" 2000 psi xmas tree assembly.



MERIDIAN OIL INC
SAN JUAN 28-5 UNIT #240
T 28 N, R 5 W
600' New Construction

Section 32:	N2NE	2100'
29:	SWSE	1000'
	SESW	1200'
	N2SW	2600'
30:	NESE	600'
	E2NE	2700'
19:	E2E2	5400'
18:	E2E2	5500'
7:	SESE	1500'
8:	NWSW	500'