

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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30-039-25372

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

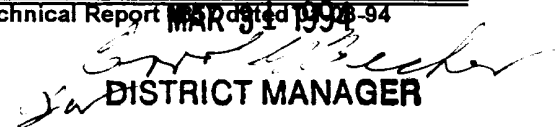
1a. Type of Work DRILL	RECEIVED APR 04 1994	5. Lease Number SF-079893A
1b. Type of Well GAS		6. If Indian, All. or Tribe
2. Operator MERIDIAN OIL 14538	OIL CON. DIV. DIST. 3	7. Unit Agreement Name San Juan 29-4 Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700		8. Farm or Lease Name 7463 San Juan 29-4 Unit 9. Well Number 201
4. Location of Well 1175'FNL, 1190'FEL Latitude 36° 41' 11", Longitude 107° 17' 18"		10. Field, Pool, Wildcat Basin Ft Coal/ 71629 77440 Gobernador Pic.Cliffs EXT 11. Sec., Twn, Rge, Mer. A Sec 31, T-29-N, R-4-W NMPM
14. Distance in Miles from Nearest Town 6 miles to Gobernador	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1175'		
16. Acres in Lease	17. Acres Assigned to Well 320/160 E/2; NE/4	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 3000'		
19. Proposed Depth 4510'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 7337'GR This form is to be used for all drilling operations. It is not to be used for other purposes. It is to be used for all drilling operations. It is not to be used for other purposes. It is to be used for all drilling operations. It is not to be used for other purposes.	22. Approx. Date Work will Start 2nd quarter 1994 DRILLING OPERATIONS SUBJECT TO THE BLM'S REVIEW AND APPROVAL "GENERAL REGULATIONS"	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by:  Regional Drilling Engineer		Date 2/28/94

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____ DATE _____
NMCCD **APPROVED AS AMENDED**

Archaeological Report submitted by Arboles Contract Archaeology Technical Report MAR 31 1994-94

Threatened and Endangered Species Report submitted

NOTE: This format is issued in lieu of U.S. BLM Form 3160-3


DISTRICT MANAGER

Schedule to Applicants
District Office
State Loans - 4 copies
Fee Loans - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-182
Revised 3-1-89
BLM

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

SEP 11 1994 1:16

070 (11/11/94), NM

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Arriba 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.			Well No. 201		
San Juan 29-4 Unit					
Unit Letter A	Section 31	Township 29 North	Range 4 West	County NM/PM	Rio Arriba
Actual Footage Location of Well: 1175 feet from the North line and 1190 feet from the East line					
Ground level Elev. 7337'	Predomant Formation Fruitland Coal/Pic.Cliffs			Pool Basin/Gobernador EXT	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).

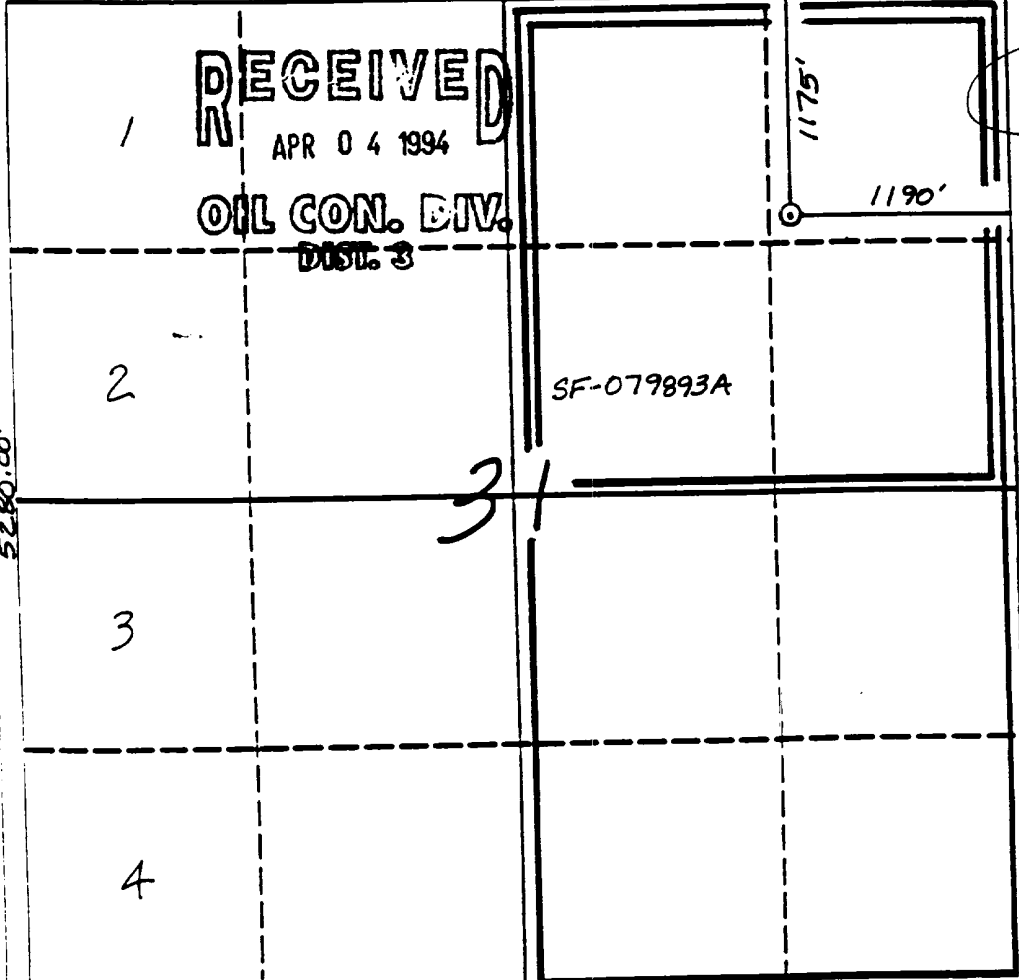
3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been considered by communitization, unitization, forced-pooling, etc.?

☒ Yes ☐ No If answer is "yes" type of communitization unitization

If answer is "no" list the owners and tract descriptions which have actually been communitized. (Use reverse side of this form if necessary.)

No allowable well be assigned to the well until all interests have been considered (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.

1294.92' 1320.00' 2640.00'



OPERATOR CERTIFICATION

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

Peggy Bradfield
Signature

Peggy Bradfield

Printed Name
Regulatory Representative

Position
Meridian Oil Inc.

Company

Date
2-22-94

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.

9-22-93

Date Surveyed
C. EDWARDS

Signature
C. Edwards

Professional Surveyor

8857

State of New Mexico

Surveyor's Seal

Surveyor's Seal

Surveyor's Seal

Surveyor's Seal

Surveyor's Seal

February 24, 1994

OPERATIONS PLAN

Well Name: San Juan 29-4 Unit #201
Location: 1175'FNL, 1190'FEL Section 31, T-29-N, R-4-W
 Rio Arriba County, New Mexico
 Latitude 36° 41' 11", Longitude 107° 17' 18"
Formation: Basin Fruitland Coal/Gobernador Pictured Cliffs
Elevation: 7337'GL

Formation:	Top	Bottom	Contents
Surface	San Jose	3600'	
Ojo Alamo	3600'	3760'	aquifer
Kirtland	3760'	4085'	
Fruitland	3960'	4160'	
Fruitland Coal Top	4015'	4295'	gas
Pictured Cliffs	4160'	4500'	gas
Lewis	4500'		
Total Depth	4510'		

Logging Program: Mud logs from 3550' to Total Depth
 DIL-GR-SP - surface to Total Depth
 GL-GR-SP-CAL/Dens-Neut-GR-CAL - 3550' to Total Depth

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 200'	Spud	8.4-8.9	40-50	no control
200-4510'	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 - 4510'	4 1/2"	10.5#	K-55

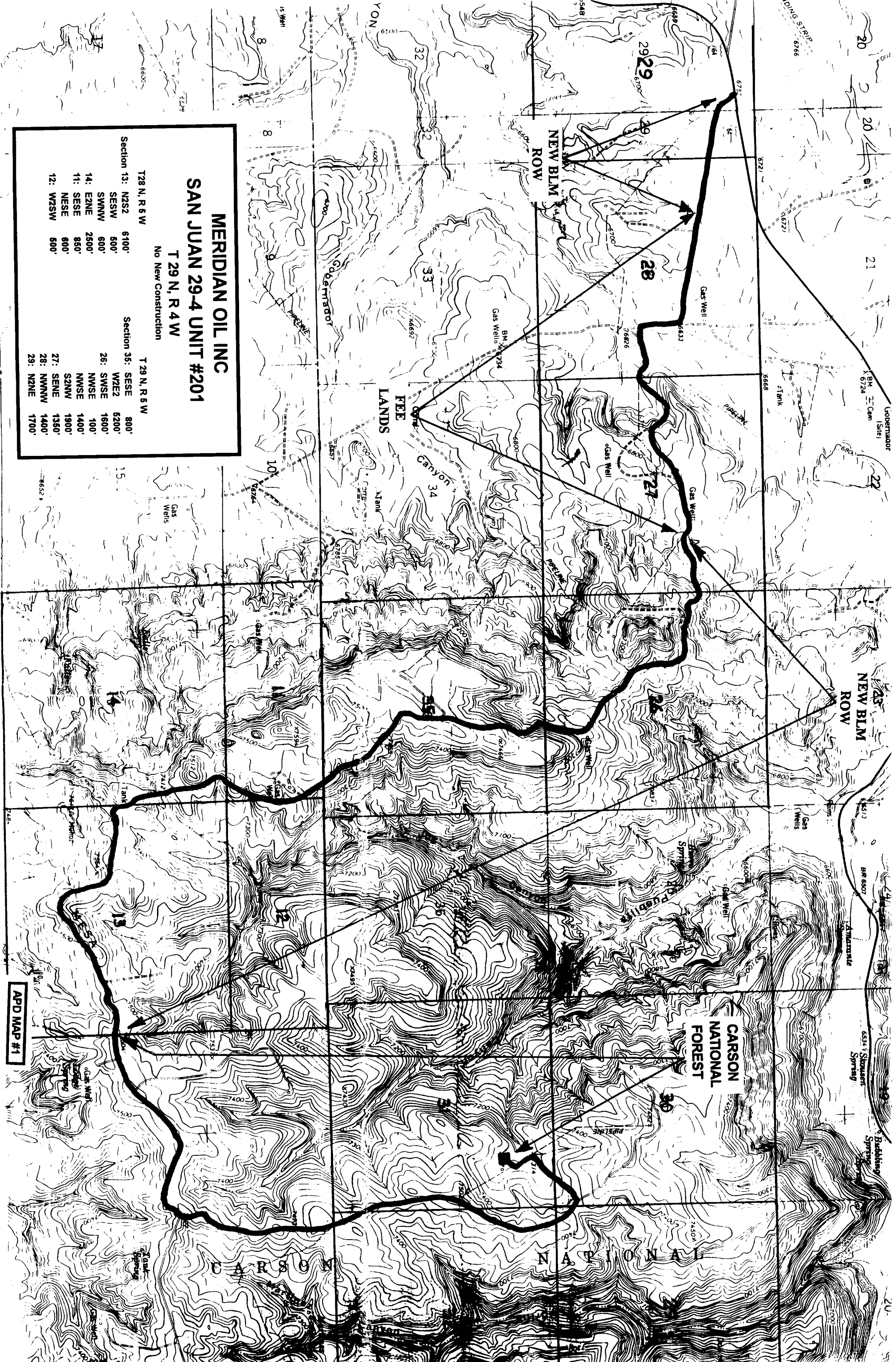
Tubing Program:

0 - 4510'	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 @ 3760'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 3760'. 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 29-4 UNIT #201

T 29 N, R 4 W

No New Construction

T 28 N, R 5 W

T 29 N, R 5 W

Section 13: N2S2	6100'	Section 35: SESE	800'
SESW	600'	W2E2	6200'
S2NW	600'	SWSE	1600'
14: E2NE	2600'	NWSE	100'
11: SESE	850'	NWSE	1400'
NESE	600'	S2NW	1900'
12: W2SW	600'	27: SENE	1350'
		28: NWNW	1400'
		29: N2NE	1700'

APD MAP #1