

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
DRILL

1b. Type of Well
GAS

30-039-25382
RECEIVED
APR 04 1994

5. Lease Number

SF-079893A

6. If Indian, All. or Tribe

2. Operator

MERIDIAN OIL

OIL CON. DIV.
DIST. 3

7. Unit Agreement Name

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499

(505) 326-9700

8. Farm or Lease Name

6861 Brown

9. Well Number

200

4. Location of Well

190' FSL, 1915' FWL

Latitude 36° 40' 31", Longitude 107° 17' 42"

10. Field, Pool, Wildcat

71629 Basin Ft Coal/

77440 Gobernador Pic. Cliffs EXT

11. Sec., Twn, Rge, Mer.

Sec 31, T-29-N, R-4-W

NMPM

14. Distance in Miles from Nearest Town

5 miles to Gobernador

12. County

Rio Arriba

13. State

NM

15. Distance from Proposed Location to Nearest Property or Lease Line

190'

16. Acres in Lease

17. Acres Assigned to Well

W/ 318.46/159.61

18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease

1100'

19. Proposed Depth

4540'

20. Rotary or Cable Tools

Rotary

21. Elevations (DF, FT, GR, Etc.)

7418' GR

This notice is to be posted on the well site and approved by the District Manager and approved by the District Manager and approved by the District Manager.

22. Approx. Date Work will Start

2nd quarter 1994

23. Proposed Casing and Cementing Program

See Operations Plan attached

Blowing dust from the well site is a potential hazard to the public and should be avoided. The District Manager should be notified if the dust is blowing from the well site.

24. Authorized By:

Regional Drilling Engineer

Date

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

NMOC

**APPROVED
AS AMENDED**

Archaeological Report submitted by Arboles Contract Archaeology Technical Report #373 dated 11/08/93

Threatened and Endangered Species Report to be submitted

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

SEE ATTACHED FOR

CONDITIONS OF APPROVAL

DISTRICT MANAGER

Hold C-104 For N56

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 11-1-88
BLM

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, Arama, NM 88210

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

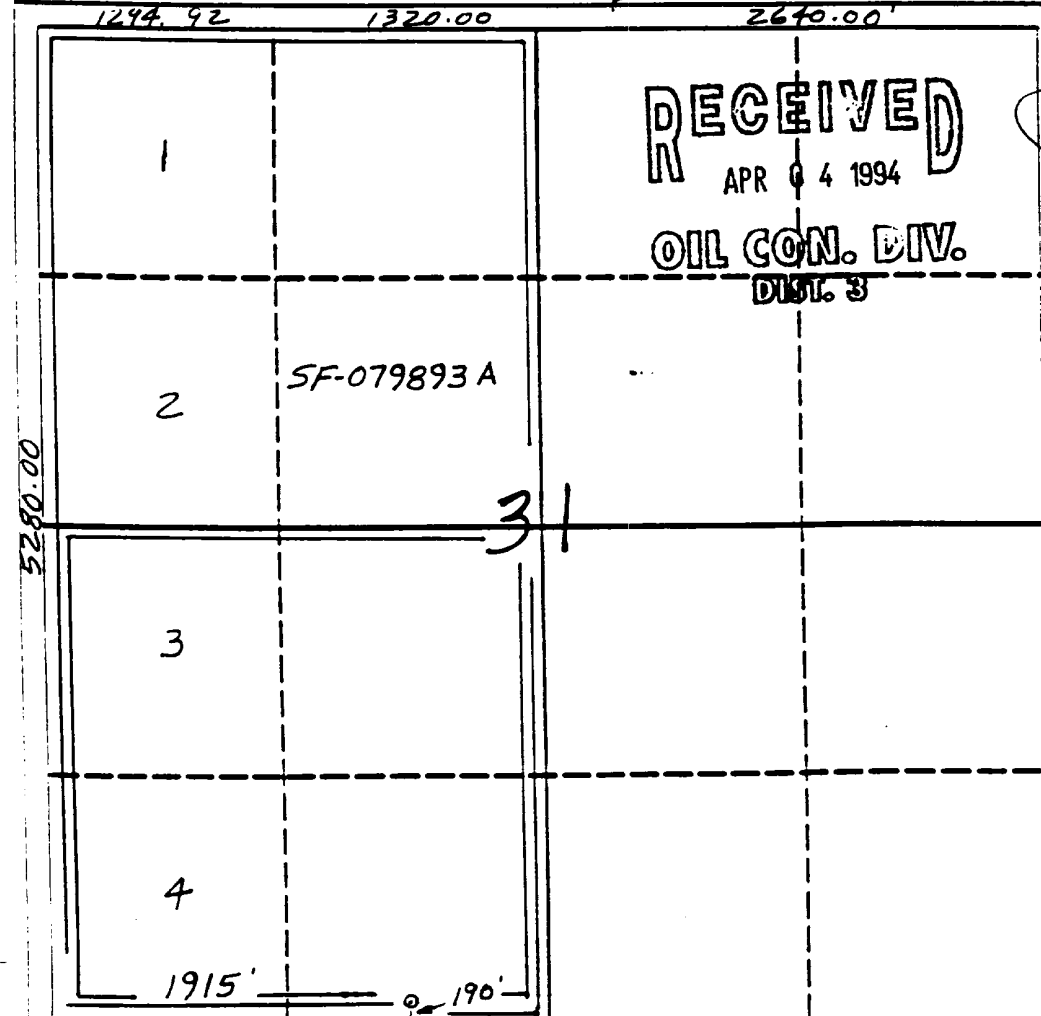
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070 FIVE MILE CANYON, NM

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Meridian Oil Inc.		Lease Brown	Well No. 200
U.S. Letter N	Section 31	Township 29 North	Range 4 West
County NM/PM		Rio Arriba	
Actual Footage Location of Well: 190 feet from the South line and 1915 feet from the West line			
Ground level Elev. 7418'	Producing Formation Fruitland Coal/Pic. Cliffs	Pool Basin/Gobernador	Dedicated Acreage 318.46/159 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 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 acreage 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 furnished herein is true and complete to the best of my knowledge and belief.	
Signature	<i>Peggy Bradfield</i>
Printed Name	Peggy Bradfield
Position	Regulatory Representative
Company	Meridian Oil Inc.
Date	2-22-94
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	10-5-93
Surveyor	C. EDWARDS
Signature of Surveyor	<i>C. Edwards</i>
Professional Surveyor	9857
Commission No.	

OPERATIONS PLAN

Well Name: Brown #200
Location: 190'FSL, 1915'FWL Section 31, T-29-N, R-4-W
 Rio Arriba County, New Mexico
 Latitude 36° 40' 31", Longitude 107° 17' 42"
Formation: Basin Fruitland Coal/Gobernador Pictured Cliffs
Elevation: 7418'GL

Formation:	Top	Bottom	Contents
Surface	San Jose	3890'	
Ojo Alamo	3890'	3940'	aquifer
Kirtland	3940'	4120'	
Fruitland	4120'	4305'	
Fruitland Coal Top	4200'	4390'	gas
Pictured Cliffs	4305'	4530'	gas
Lewis	4530'		
Total Depth	4540'		

Logging Program: Mud logs from 3850' to Total Depth
 DIL-GR-SP - surface to Total Depth
 GL-GR-SP-CAL/Dens-Neut-GR-CAL - 3850' to Total Depth

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 200'	Spud	8.4-8.9	40-50	no control
200-4540'	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 - 4540'	4 1/2"	10.5#	K-55

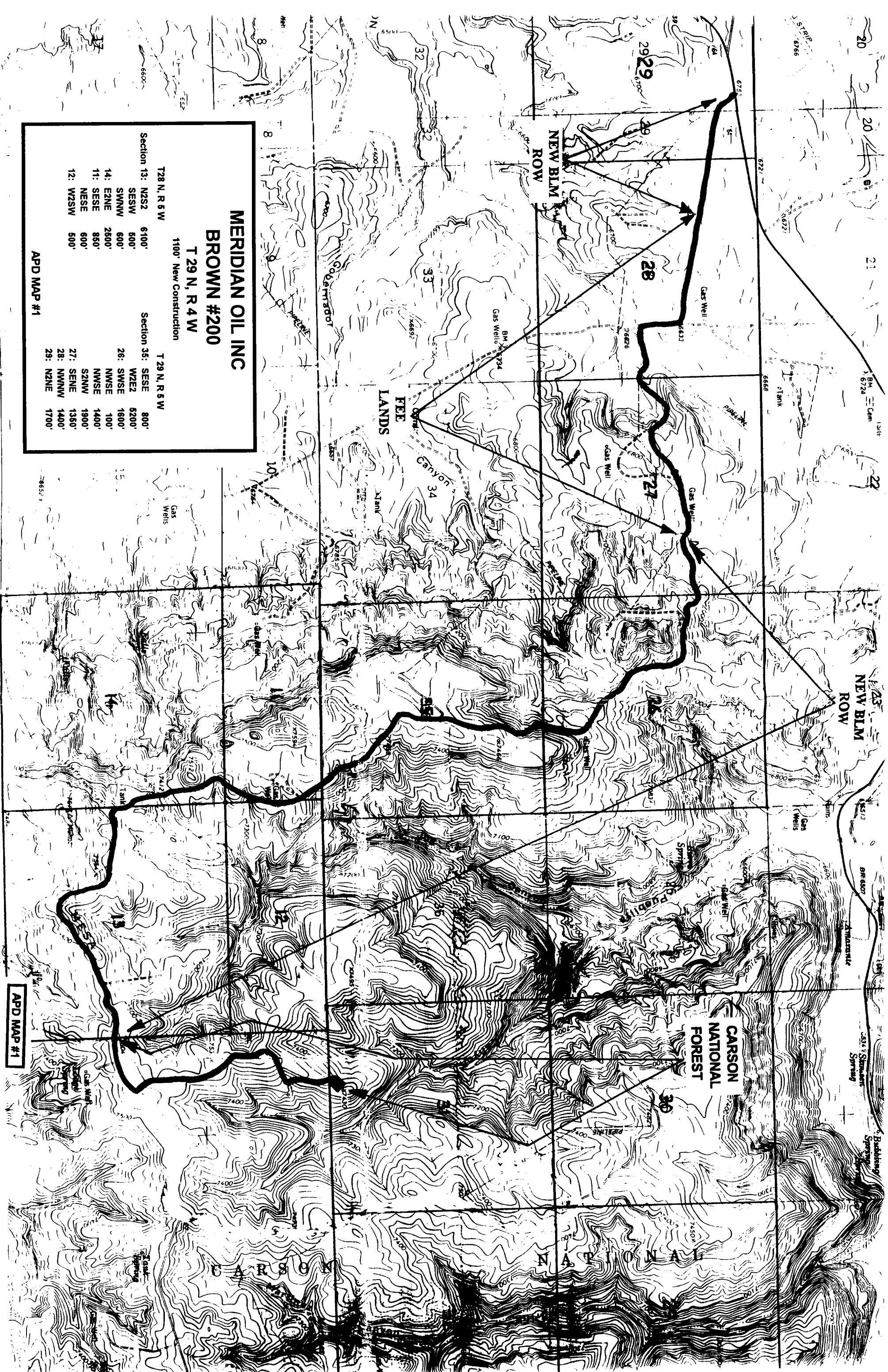
Tubing Program:

0 - 4540'	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 @ 3940'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 3940'. 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.



BROWN #200

T 29 N, R 4 W
1100' New Construction

T28 N, R 5 W

T 29 N, R 5 W

Section 13: N2S2 6100'

Section 35: SESE 800'

SESW 500'

W2E2 5200

14. E2NE 2500'

20. 2100 NWSE 100'

11: SESE 850'

NWSE 1400'

NESE 600'

S2NW 1900'

APD MAP #1

APD MAP #1