

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number SF-079893A Unit Reporting Number
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator MERIDIAN OIL 14538	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 207
4. Location of Well 860' FSL, 615' FEL Latitude 36° 41' 30", Longitude 107° 17' 12"	10. Field, Pool, Wildcat Gov. Pictured Cliffs 77440 11. Sec., Twn, Rge, Mer. (NMPM) P- Sec 30, T-29-N, R-4-W API # 30-039-25573
14. Distance in Miles from Nearest Town 5 miles to Gobernador, NM	12. County Rio Arriba 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 615'	17. Acres Assigned to Well ✓ 160 SE/4
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 2800'	20. Rotary or Cable Tools Rotary
19. Proposed Depth 4540'	22. Approx. Date Work will Start 2nd quarter 1996
21. Elevations (DF, FT, GR, Etc.) 7427' GR	23. Proposed Casing and Cementing Program See Operations Plan attached
24. Authorized by:  Regional Drilling Engineer	DRILLING OPERATIONS PERFORMED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____ DATE _____

Archaeological Report submitted by Arboles Contract Archaeology Technical Report #620 dated 1-31-95
Threatened and Endangered Species Report submitted
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

APPROVED
AS AMENDED

APR 18 1996

DISTRICT MANAGER

NMOC

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <u>30-039-25573</u>		Pool Code 77440	Pool Name Gobernador Pictured Cliffs
Property Code 6861	Property Name Brown		Well Number 207
OGRID No. 14538	Operator Name Meridian Oil Inc.		Elevation 7427'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	30	29 N	4 W		860	South	615	East	R.A.

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres		13 Joint or Infill		14 Consolidation Code		15 Order No.			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

5280.00' 16 5273.40' 30 NMSP-079893A 615' 860' 5280.00' 5254.92'	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief <i>Peggy Bradfield</i> Signature Peggy Bradfield Printed Name Regulatory Affairs Title 1-2-96 Date	
	18 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 6-15-94 Date of Survey Signature and Seal of Registered Surveyor: 6857 Certificate Number	

January 2, 1996

OPERATIONS PLAN

Well Name: Brown #207
Location: 860' FSL, 615' FEL Section 30, T-29-N, R-4-W
 Rio Arriba County, New Mexico
 Latitude 36° 41' 30", Longitude 107° 17' 12"
Formation: Gobernador Pictured Cliffs
Elevation: 7427' GL

Formation:	Top	Bottom	Contents
Surface	San Jose	3685'	
Ojo Alamo	3685'	3900'	aquifer
Kirtland	3900'	4047'	
Fruitland	4047'	4290'	
Fruitland Coal	4177'	4287'	gas
Pictured Cliffs	4290'		gas
Total Depth	4540'		

Logging Program: Mud logs from 3650' to Total Depth.
 CNL/hi res LDT/ML/GR/CAL 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:

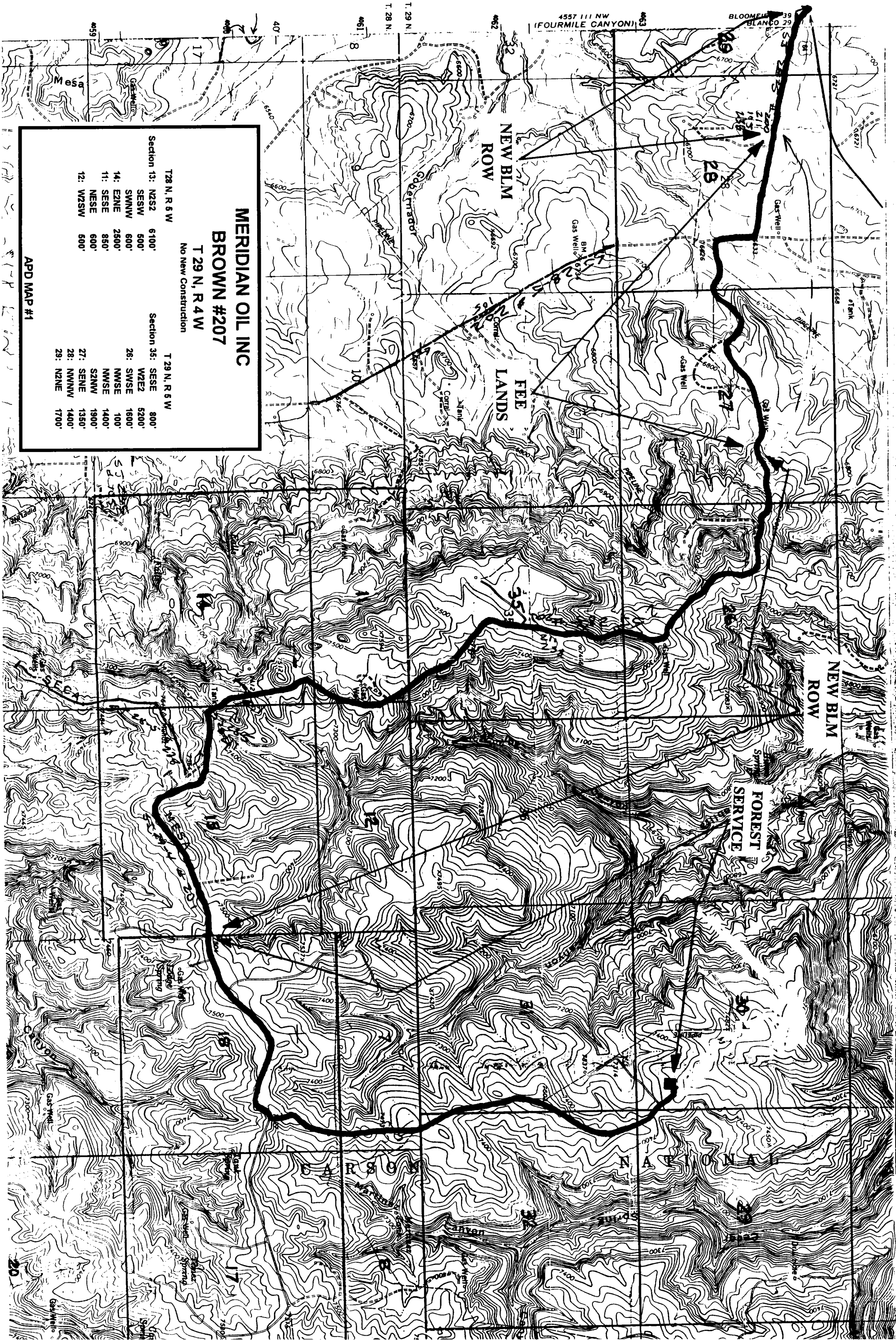
Hole Size	Depth Interval	Csg. Size	Wt.	Grade
12 1/4"	0 - 200'	8 5/8"	24.0#	K-55
7 7/8"	0 - 4540'	4 1/2"	10.5#	K-55

Tubing Program: - 2 3/8", 4.7#, J-55 EUE 8rd tbg landed @ 4540'

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 @ 3900'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 3900'. 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

BROWN #207

T 29 N, R 4 W

No New Construction

T 28 N, R 5 W

Section 13:	N2S2	6100'
	SESW	600'
	SWNW	600'
14:	E2NE	2500'
11:	SESE	850'
12:	W2SW	600'

T 29 N, R 6 W

Section 35:	SESE	800'
	W2E2	5200'
26:	SWSE	1600'
	NWSE	100'
	NWSE	1400'
27:	S2NW	1900'
28:	SENE	1350'
29:	NWNW	1400'
	N2NE	1700'

APD MAP #1