

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

94 AUG 24 PM 2:42

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

070 FARMINGTON, NM

1a. Type of Work DRILL	RECEIVED SEP - 2 1994	5. Lease Number SF-079363
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 28-6 Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700		8. Farm or Lease Name 7462 San Juan 28-6 Unit 9. Well Number 109M
4. Location of Well 1850' FSL, 1555' FEL Latitude 36° 36' 04", Longitude 107° 24' 51"		10. Field, Pool, Wildcat 72319 Blanco Mesa Verde/ 71599 Basin Dakota 11. Sec., Twn, Rge, Mer. J Sec 1, T-27-N, R-6-W NMPM
14. Distance in Miles from Nearest Town 7 miles to Gobernador	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1555'	API #: 30-039-25450	
16. Acres in Lease	17. Acres Assigned to Well E/2 320.105/2 320.10	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 800'		
19. Proposed Depth 7705'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6485' GR	22. Approx. Date Work will Start 3rd quarter 1994	
23. Proposed Casing and Cementing Program This action is subject to See Operations Plan attached procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.		DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"
24. Authorized by: 	Regional Drilling Engineer	Date 8/23/94

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

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

**APPROVED
AS AMENDED**

AUG 31 1994

DISTRICT MANAGER

NMOCD

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

070 FARMINGTON, NM

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-25450	² Pool Code 72319/71599	³ Pool Name Blanco Mesa Verde/Basin Dakota
⁴ Property Code 7462	⁵ Property Name San Juan 28-6 Unit	⁶ Well Number 109M
⁷ OGRID No. 14538	⁸ Operator Name MERIDIAN OIL INC.	⁹ Elevation 6485'

¹⁰ Surface Location

UL or lot no. J	Section 1	Township 27 N	Range 6 W	Lot Idn	Feet from the 1850	North/South line South	Feet from the 1555	East/West line East	County R.A.
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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
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¹² Dedicated Acres 320/320.10	¹³ Joint or Infill I	¹⁴ Consolidation Code	¹⁵ Order No.
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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

¹⁶ 4 3 2 1 RECEIVED SEP - 2 1994 OIL CON. DIV. DIST. 3 SF-079363 1555' 1850' 5211.36'	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Signature Peggy Bradfield Printed Name Regulatory Representative Title 8-15-94 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 belief. 5-18-94 Date of Survey Signature and Seal of Surveyor NEALE G. EDWARDS 6857 6857 Certificate Number
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OPERATIONS PLAN

Well Name: San Juan 28-6 Unit #109M
Location: 1850'FSL, 1555'FEL Section 1, T-27-N, R-6-W
 Rio Arriba County, NM
 Latitude 36° 36' 04", Longitude 107° 24' 51"
Formation: Blanco Mesa Verde/Basin Dakota
Elevation: 6485'GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2557'	
Ojo Alamo	2557'	2763'	aquifer
Kirtland	2763'	2967'	
Fruitland	2967'	3280'	gas
Pictured Cliffs	3280'	3464'	gas
Lewis	3464'	3876'	
Intermediate TD	3614'		
Chacra	3876'	4956'	
Mesa Verde	4956'	4956'	gas
Massive Cliff House	4956'	5110'	gas
Menefee	5110'	5450'	gas
Point Lookout	5450'	5813'	gas
Mancos	5813'	6453'	
7" Drilling Liner TD	6013'		
Gallup	6453'	7383'	
Greenhorn	7383'	7445'	
Graneros	7445'	7602'	
Dakota	7602'		gas
TD (4 1/2"liner)	7705'		

Logging Program:

Openhole Wireline Logging -
 DIL/LDT/CNL/Temp/NGT/GR/CAL/FMS

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 200'	Spud	8.4-8.9	40-50	no control
200-3614'	LSND	8.4-9.1	30-60	no control
3600-7705'	Gas	n/a	n/a	n/a

Pit levels will be visually monitored to detect gain or loss of fluid control.

Casing Program:

<u>Hole Size</u>	<u>Depth Interval</u>	<u>Csg.Size</u>	<u>Wt.</u>	<u>Grade</u>
17 1/2"	0' - 200'	13 3/8"	48.0#	K-55
12 1/4"	0' - 3614'	9 5/8"	36.0#	K-55
	9 5/8" stage tool @ 2917'			
8 3/4"	3464' - 6013'	7"	23.0#	K-55 liner
6 1/4"	5863' - 7705'	4 1/2"	11.6#	N-80 liner

Tubing Program:

0' - 5800'	2 3/8"	4.7#	K-55
0' - 7705'	2 3/8"	4.7#	K-55

