

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

070 FARMINGTON, NM

1a. Type of Work DRILL	5. Lease Number NM-013656
1b. Type of Well GAS	6. If Indian, All. or Tribe
RECEIVED DEC - 8 1994	
2. Operator MERIDIAN OIL <i>145-38</i>	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 <i>7462</i> San Juan 28-6 Unit
	9. Well Number 99M
4. Location of Well 1850' FNL, 1450' FWL Latitude 36° 38' 56", Longitude 107° 25' 19"	10. Field, Pool, Wildcat Blanco Mesa Verde / <i>72319</i> Basin Dakota <i>71599</i>
	11. Sec., Twn, Rge, Mer. <i>F</i> Sec 24, T-28-N, R-6-W NMPM
14. Distance in Miles from Nearest Town 3 miles to Gobernador	12. County Rio Arriba
	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1450'	
16. Acres in Lease	17. Acres Assigned to Well 320 (W/2-MV; N/2-DK)
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 2150'	
19. Proposed Depth 7775'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6500' GR	22. Approx. Date Work will Start 3rd quarter 1994
23. Proposed Casing and Cementing Program See Operations Plan attached	DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"
This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.7	
24. Authorized by: <i>[Signature]</i> Regional Drilling Engineer	Date <i>8/23/94</i>

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

Archaeological Report submitted by Arboles Contract Archaeology Tech Report #540 06-15-94
Threatened and Endangered Species Report submitted by Ecosphere Environmental Services
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

**APPROVED
AS AMENDED**
OCT 07 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 30-039-25474		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 99M
7 OGRID No. 14538		8 Operator Name MERIDIAN OIL INC.			9 Elevation 6500'

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
F	24	28 N	6 W		1850	North	1450	West	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 320/320	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 5286.60' 1850' FEE NM NM-013656 1450' 24 NM SF-0013657 5280.00' 5278.68'		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 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 knowledge and belief. 5-14-94 Date of Survey Signature and Seal of Professional Surveyor 6857 Certificate Number	
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OPERATIONS PLAN

Well Name: San Juan 28-6 Unit #99M
Location: 1850'FNL, 1450'FWL Section 24, T-28-N, R-6-W
 Rio Arriba County, NM
 Latitude 36° 38' 56", Longitude 107° 25' 19"
Formation: Blanco Mesa Verde/Basin Dakota
Elevation: 6500'GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2570'	
Ojo Alamo	2570'	2750'	aquifer
Kirtland	2750'	3072'	
Fruitland	3072'	3327'	gas
Pictured Cliffs	3327'	3512'	gas
Lewis	3512'	3978'	
Intermediate TD	3764'		
Chacra	3978'	5083'	
Mesa Verde	5083'	5083'	gas
Massive Cliff House	5083'	5173'	gas
Menefee	5173'	5527'	gas
Point Lookout	5527'	5893'	gas
Mancos	5893'	6538'	
7" Drilling Liner TD	6093'		
Gallup	6538'	7463'	
Greenhorn	7463'	7523'	
Graneros	7523'	7664'	
Dakota	7664'		gas
TD (4 1/2"liner)	7775'		

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
200-3764'	LSND	8.4-9.1	30-60	no control
3764'-7775'	Gas	n/a	n/a	n/a

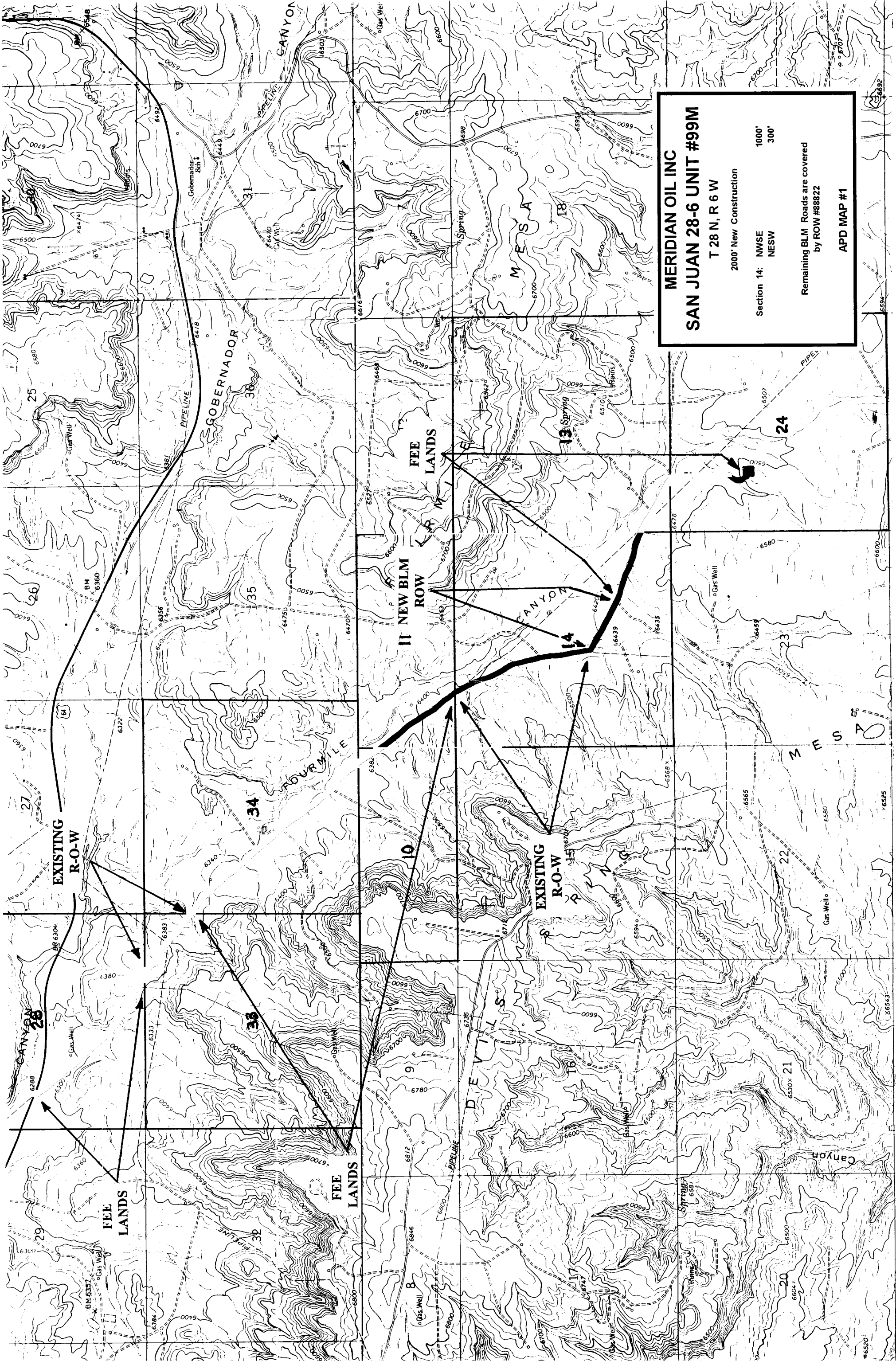
Pit levels will be visually monitored to detect gain or loss of fluid control.

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' - 3764'	9 5/8"	36.0#	K-55
	9 5/8" stage tool @ 3022'			
8 3/4"	3512' - 6093'	7"	23.0#	K-55 liner
6 1/4"	5843' - 7775'	4 1/2"	11.6#	N-80 liner

Tubing Program:

0' - 5800'	2 3/8"	4.7#	K-55
0' - 7775'	2 3/8"	4.7#	K-55



MERIDIAN OIL INC
SAN JUAN 28-6 UNIT #99M
T 28 N, R 6 W
2000' New Construction
Section 14: NWSE
NESW
1000'
300'
Remaining BLM Roads are covered
by ROW #88822
APD MAP #1