

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-078424 Unit Reporting Number	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator MERIDIAN OIL 14538	7. Unit Agreement Name San Juan 29-7 Unit	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 7465 San Juan 29-7 Unit 9. Well Number 147	
4. Location of Well 1450' FSL, 990' FWL Latitude 36° 42', 30" Longitude 107° 34' 53"	10. Field, Pool, Wildcat 72359 Blanco Pic. Cliffs EXT 11. Sec., Twn, Rge, Mer. (NMPM) L Sec 21, T-29-N, R-7-W API # 30-039-25499	
14. Distance in Miles from Nearest Town 4 miles to Navajo City	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 990'	17. Acres Assigned to Well SW/4 160	
16. Acres in Lease	18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 80'	
19. Proposed Depth 3770'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6858' GR	22. Approx. Date Work will Start 2nd quarter 1995	
23. Proposed Casing and Cementing Program See Operations Plan attached	DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"	
24. Authorized by: [Signature] Regional Drilling Engineer	Date 3/15/95	

PERMIT NO. **RECEIVED** APPROVAL DATE
APPROVED BY APR 10 1995 TITLE DATE

OIL CON. DIV.

Archaeological Report submitted by Arboles Contractor Archaeology Technical Report #751
Threatened and Endangered Species Report submitted by Ecosystem
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

APPROVED
AS AMENDED

NMOCD

APR 03 1995
DISTRICT MANAGER

District I
PO Box 1988, Hobbs, NM 88241-1988
District II
P.O. Drawer DD, Artesia, NM 88211-0719
District III
1000 Mio Hrasos 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
Free Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-25499		Pool Code 72359	Pool Name Blanco Pictured Cliffs EXT
Property Code 7465	Property Name San Juan 29-7 Unit		Well Number 147
OGRID No. 14538	Operator Name Meridian Oil Inc.		Elevation 6858'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Ids	Feet from the	North/South line	Feet from the	East/West line	County
L	21	29 N	7 W		1450	South	990	West	R.A.

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ids	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 160		Joint or Infill		Consolidation Code		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

16	5278.68'	21	SF-078424	990'	1450'	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
<div>RECEIVED APR 10 1995 OIL CON. DIV. DIST. 3</div>							Signature <i>Peggy Bradfield</i>
							Printed Name Peggy Bradfield
							Title Regulatory Affairs
							Date 3-10-95
							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.
							Date of Survey 2-9-95
							Signature and Seal of Registered Professional Surveyor <i>HEALEY C. EDWARDS</i>
							Certificate Number 9857

OPERATIONS PLAN

Well Name: San Juan 29-7 Unit #147
Location: 1450'FSL, 990'FWL Section 21, T-29-N, R-7-W
 Rio Arriba County, New Mexico
 Latitude 36° 42' 30", Longitude 107° 34' 53"
Formation: Blanco Pictured Cliffs
Elevation: 6858'GL

Formation:	Top	Bottom	Contents
Surface	San Jose	2750'	
Ojo Alamo	2750'	2815'	aquifer
Kirtland	2815'	3300'	
Fruitland	3300'	3615'	
Fruitland Coal Top	3360'	3612'	gas
Pictured Cliffs	3615'		gas
Total Depth	3770'		

Logging Program: Mud logs from 2750' 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
200-3770'	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 - 3770'	4 1/2"	10.5#	K-55

Tubing Program: - 2 3/8", 4.7#, J-55 EUE 8rd tbg landed @ 3770'

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 @ 2815'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 2815'. 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.

RECEIVED

MAR 22 1995

BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE

NEW BLM
ROW

EXISTING
R-O-W

**MERIDIAN OIL INC
SAN JUAN 29-7 UNIT #147**

T 29 N, R 7 W

No New Construction

Section 21:	NWSW	1200'
20:	N2SE	2400'
	SWNE	700'
	S2NW	2200'
	NWNW	1200'
19:	NENE	900'
18:	S2S2	4000'

Remaining BLM Roads are covered by ROW's
NM 80710 and 77308

APD MAP #1