

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-078423 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 57A
4. Location of Well 1850' FNL, 1840' FWL Latitude 36° 44' 33", Longitude 107° 32' 32"	10. Field, Pool, Wildcat 72319 Blanco Mesa Verde/L 71599 Basin Dakota 11. Sec., Twn, Rge, Mer. (NMPM) F Sec 11, T-29-N, R-7-W API # 30-039-25567
14. Distance in Miles from Nearest Town 17 miles southeast of Blanco NM	12. County Rio Arriba 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1840'	17. Acres Assigned to Well 320 W/2
16. Acres in Lease	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1500'	
19. Proposed Depth 7830'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6326' GR	22. Approx. Date Work will Start 2nd quarter 1996
23. Proposed Casing and Cementing Program See Operations Plan attached	DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"
24. Authorized by:  Regulatory/Compliance Administrator	3-12-96 Date

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

Archaeological Report submitted by Arboles Contract Archaeology Technical Report #636 dated 2-22-94
Threatened and Endangered Species Report submitted by Ecosphere Environmental dated 11-28-94
Note: an APD was submitted for this location June 1995 as a single Mesa Verde; please cancel
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

APPROVED
AS AMENDED

MAR 13 1996


DISTRICT MANAGER

NMOCD

District I
PO Box 1988, Hobbs, NM 88241-1988
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1008 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 30-039- 25567		Pool Code 72319/71599		Pool Name Blanco Mesaverde/Basin Dakota	
Property Code 7465		Property Name San Juan 29-7 Unit			Well Number 57A
GRID No. 14538		Operator Name MERIDIAN OIL INC.			Elevation 6326'

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	11	29 N	7 W		1850	North	1840	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 13 Joint or Infill 14 Consolidation Code 15 Order No.

W/320-W/320

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 NM SF-078423 1850' 1840' 5280.00' 5266.80' 5269.44' FEE				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 Administrator Title 3-12-96 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 9-21-94 Date of Survey Signature and Seal of Registered Surveyor 6857 Certificate Number	
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March 5, 1996

OPERATIONS PLAN

Well Name: San Juan 29-7 Unit #57A
Location: 1850' FNL, 1840' FWL Sec 11, T-29-N, R-7-W
 Rio Arriba County, NM
 Latitude 36° 44' 33", Longitude 107° 32' 32"
Formation: Blanco Mesa Verde/Basin Dakota
Elevation: 6326' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2207'	
Ojo Alamo	2207'	2385'	aquifer
Kirtland	2385'	2939'	
Fruitland	2939'	3235'	gas
Pictured Cliffs	3235'	3381'	gas
Lewis	3381'	3922'	gas
Intermediate TD	3531'		
Huerfano Bentonite	3922'	4215'	
Chacra	4215'	4950'	
Massive Cliff House	4950'	5040'	gas
Menefee	5040'	5371'	gas
Point Lookout	5371'	5794'	gas
Mancos	5794'	6711'	
7" Drilling Liner TD	5944'		
Gallup	6711'	7369'	
Greenhorn	7369'	7424'	
Graneros	7424'	7476'	
Dakota	7476'	7727'	gas
Morrison	7727'		
TD (4 1/2" liner)	7830'		

Logging Program:

Mud Logger at 2939'.

Openhole Wireline Logging -

8 3/4" air - AIT/GR/CAL/IPL

6 1/4" mud - AIT/ML/GR-NGT/SP/CAL/IPL/CMR/FMI

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
200-3531'	LSND	8.4-9.0	30-60	no control
3531'-5944'	Gas	n/a	n/a	n/a
5944'-7830'	LSND	8.4-9.0	30-60	no control

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' - 3531'	9 5/8"	36.0#	K-55
	9 5/8" stage tool	@ 2889'		
8 3/4"	3381' - 5944'	7"	23.0#	K-55 liner
6 1/4"	5794' - 7830'	4 1/2"	11.6#	N-80 liner

Tubing Program:

0' - 5800'	2 3/8"	4.7#	K-55
0' - 7830'	2 3/8"	4.7#	K-55

272

32' 30"

274

275

130 000 FEET

276

