

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	RECEIVED MAY 26 1993 OIL CON. DIV. DIST. 3	5. Lease Number SF-078389A
1b. Type of Well GAS		6. If Indian, All. or Tribe
2. Operator MERIDIAN OIL 14538		7. Unit Agreement Name San Juan 32-9 Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700		8. Farm or Lease Name 7423 San Juan 32-9 Unit 9. Well Number 4R
4. Location of Well 1600' FNL, 710' FEL Latitude 36° 54' 56", Longitude 107° 49' 45"		10. Field, Pool, Wildcat 72319 Blanco Mesa Verde 11. Sec., Twn, Rge, Mer. H Sec 12, T-31-N, R-10-W NMPM
14. Distance in Miles from Nearest Town 4 miles from Cedar Hill, NM		12. County San Juan
		13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 710'		
16. Acres in Lease 1116.760		17. Acres Assigned to Well 276.36 E/2
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 300'		
19. Proposed Depth 6158'	This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6535' GR		22. Approx. Date Work will Start 2nd quarter 1993
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by:  Regional Drilling Engineer		Date: 5/13/93

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

Archaeological Report submitted 4-12-93
Threatened and Endangered Species Report to be submitted

APPROVED
AS AMENDED

MAY 24 1993
DISTRICT MANAGER

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-182
Revised 1-1-80

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Bravo Rd., Aztec, NM 87410

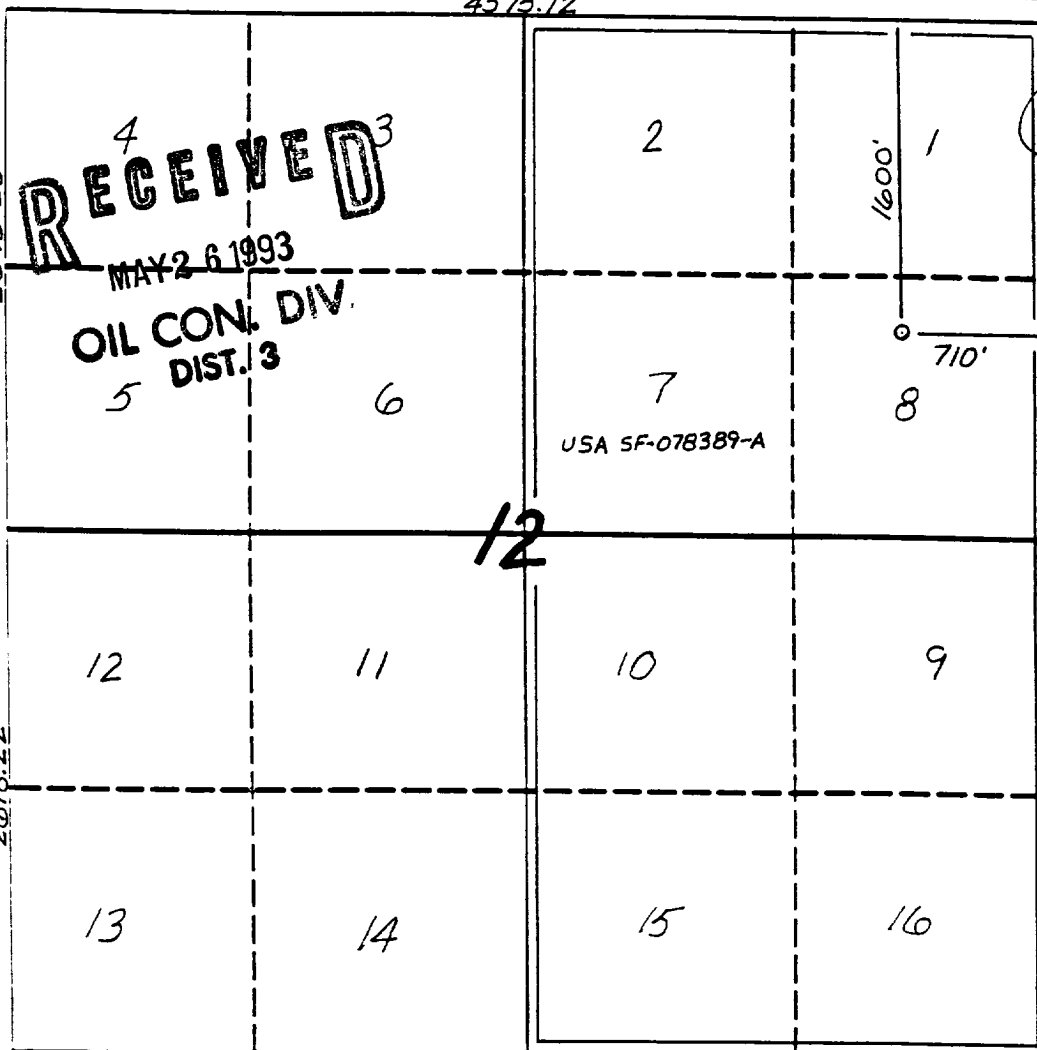
OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator		Meridian Oil Inc.		Lease		San Juan 32-9 Unit	
Unit	Section	Township	Range	County	San Juan		4R
H	12	31 North	10 West				
Actual Footage Location of Well:							
1600		North		line and		710	East
feet from the				feet from the		line	
Ground level Elev.		Producing Formation		Foot		Dedicated Acreage:	
6535'		Mesa Verde		Blanco		276.36 Acres	
1. Outline the acreage dedicated to the subject well by colored pencil or ink on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.? ☒ Yes ☐ No If answer is "yes" type of consolidation <u>unitization</u> If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, force-pooling, or otherwise) or until a non-standard unit, encompassing such interest, has been approved by the Division.							



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Peggy Bradfield
Signature

Peggy Bradfield

Printed Name

Regulatory Affairs

Position

Meridian Oil Inc.

Company

5-11-93

Date

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.

12-11-92

Date Surveyed

Needle Creek

Signature of Surveyor

Professional Surveyor

9857

[Signature]

Signature

Signature

Signature

6857

OPERATIONS PLAN

Well Name: San Juan 32-9 Unit #4R
Location: 1600'FNL, 710'FEL Section 12, T-31-N, R-10-W
 San Juan County, New Mexico
 Latitude 36° 54' 56", Longitude 107° 49' 45"
Formation: Blanco Mesa Verde
Elevation: 6535'GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	1850'	
Ojo Alamo	1850'	1882'	aquifer
Kirtland	1882'	2968'	gas
Fruitland	2968'	3353'	gas
Pictured Cliffs	3353'	3603'	gas
Lewis	3603'	4118'	gas
Intermediate TD	3800'		
Chacra	4118'	4900'	gas
Mesa Verde	4900'		gas
Massive Cliff House	4900'	5268'	gas
Menefee	5268'	5608'	gas
Massive Point Lookout	5608'	5711'	gas
Lower Point Lookout	5711'		gas & oil
Total Depth	6158'		

Logging Program:

Openhole Wireline Logging -
 Surface to TD : CNL/GR
 Intermediate TD to Total Depth : DIL/LDT/Temp
 Mud Logs/Coring/DST -
 Mud logs - none
 Coring - none
 DST - none

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
200-3800'	Weighted	8.4-9.1	30-60	no control
3800-6158'	Gas/Mist	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>
12 1/4"	0' - 200'	9 5/8"	32.3#	H-40
8 3/4"	0' - 3800'	7"	20.0#	K-55
	7" stage tool @ 2800'			
6 1/4"	3650' - 6158'	4 1/2"	10.5#	K-55

Tubing Program:

0' - 6158' 2 3/8" 4.7# J-55

MERIDIAN OIL INC
SAN JUAN 32-9 UNIT #4R

T 31 N, R 10 W

100' New Construction

T 31 N, R 10 W

Section 12: SENE 1000'
NESE 500'

T 31 N, R 09 W

Section 07: NWSW 600'
E2SW 1500'
SWSE 700'

Remaining BLM Roads are covered by ROW's
NM 77292, NM 76726.

APD MAP #1

