

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 30-045-28945 ✓	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator MERIDIAN OIL ✓ 14538	7. Unit Agreement Name	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 7499 Seymour ✓ 9. Well Number 7A ✓	
4. Location of Well 425' FSL, 790' FEL Latitude 36° 52' 39", Longitude 107° 44' 36"	10. Field, Pool, Wildcat 72319 Blanco Mesa Verde ✓ 11. Sec., Twn, Rge, Mer. P Sec 23, T31N, R9W ✓ NMPM	
14. Distance in Miles from Nearest Town 7 miles from Navajo Dam	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 425'	17. Acres Assigned to Well 320 E/2 313.63	
16. Acres in Lease 156.330	18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1300'	
19. Proposed Depth 5708'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6083' GR	22. Approx. Date Work will Start 2nd quarter 1993	
23. Proposed Casing and Cementing Program See Operations Plan attached	RECEIVED APR 1 1993 OIL CON. DIV. DIST. 3	
24. Authorized by: <u>[Signature]</u> Regional Drilling Engineer	Date <u>3/3/93</u>	

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

Archaeological Report submitted 1-2-93
Threatened and Endangered Species Report submitted 1-31-93

NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

APPROVED
AS AMENDED

MAR 30 1993

DISTRICT MANAGER

NMOCD

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 1-1-89

OIL CONSERVATION DIVISION

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

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

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Meridian Oil Inc.		Lease Seymour	
Unit Lease P	Section 23	Township 31 North	Range 9 West
		County NMNM	San Juan

Actual Footage Location of Well: 425 feet from the South line and 790 feet from the East line			
Ground level Elev. 6083'	Producing Formation Mesa Verde	Pool Blanco	Dedicated Acreage 320-313.63 Acres

- Outline the acreage dedicated to the subject well by colored pencil or ink on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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 14-08-001-917

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, eliminating such interest, has been approved by the Division.

5232.48			
4	3	2	1
USA NMSF 078505			
5	6	7	8
23			
12	11	10	9
USA NMNM 03601			
13	14	15	16
5169.12			
425' 790'			

OPERATOR CERTIFICATION

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

Peggy Bradford
Signature

Peggy Bradford
Printed Name

Regulatory Affairs
Position

Meridian Oil Inc.
Company

2-26-93
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. 12-04-92

Date Surveyed
New Mexico
Signature of Professional Surveyor
6857

C. Edwards
Professional Surveyor
6857

March 3, 1993

OPERATIONS PLAN

Well Name: Seymour #7A
Location: 425' FSL, 790' FEL Section 23, T-31-N, R-09-W
 San Juan County, New Mexico
 Latitude 36° 52' 39", Longitude 107° 44' 36"
Formation: Blanco Mesa Verde
Elevation: 6083' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	1693'	
Ojo Alamo	1693'	1786'	aquifer
Kirtland	1786'	2474'	
Fruitland	2474'	2953'	gas
Pictured Cliffs	2953'	3142'	gas
Lewis	3142'	3755'	
Intermediate TD	3342'		
Chacra	3755'	4478'	
Mesa Verde	4478'		gas & oil
Upper Cliff House	4478'	4766'	
Massive Cliff House	4766'	4827'	
Menefee	4827'	5158'	
Massive Point Lookout	5158'	5299'	
Lower Point Lookout	5299'		
Total Depth	5708'		

Logging Program:

Openhole Wireline Logging -
 Surface to Total Depth : CNL/GR
 Intermediate TD to Total Depth : DIL/LDT/Temp
 Mud Logs/Coring/DST -
 Mud logs - Intermediate TD to Total Depth
 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
200-3342'	Weighted	8.4-9.1	30-60	no control
3342-5708'	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' - 3342'	7"	20.0#	K-55
6 1/4"	3192' - 5708'	4 1/2"	10.5#	K-55

Tubing Program:

0' - 5708' 2 3/8" 4.7# J-55