

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-045-29026 ✓

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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-03195A
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 Sullivan ✓ 7555
	9. Well Number 1R
4. Location of Well 1190' FNL, 1190' FEL Latitude 36° 49' 48", Longitude 107° 55' 11"	10. Field, Pool, Wildcat Blanco Mesa Verde ✓ 72319
	11. Sec., Twn, Rge, Mer. 8-A Sec 7, T-30-N, R-10-W ✓ NMPM
14. Distance in Miles from Nearest Town 5 miles to Aztec, NM	12. County San Juan
	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1190'	
16. Acres in Lease 319.670	17. Acres Assigned to Well 319.67 N/2 ✓
18. Distance from Proposed Location to Nearest Well, Dwg, Compl, or Applied for on this Lease 300'	
19. Proposed Depth 5500'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6205' GR	22. Approx. Date Work will Start 4th quarter 1993
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: <i>[Signature]</i> Regional Drilling Engineer	OIL CON. DIV. DIST. 3 10/12/93 Date

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

Archaeological Report to be submitted
Threatened and Endangered Species Report to be submitted
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

APPROVED
AS AMENDED

NOV 17 1993

DISTRICT MANAGER

NMOCD

THE UNIVERSITY OF CHICAGO

Schedule to Appointments
District Office
State Leases - 4 copies
Fee Leases - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89
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OIL CONSERVATION DIVISION

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

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070 FEDERAL RD, NM

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

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

DISTRICT III
1000 Rio Brazos 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 Sullivan		Well No. 1R
Unit Letter A	Section 7	Township 30 North	Range 10 West	County San Juan
Actual Footage Location of Well: 1190 feet from the North line and 1190 feet from the East line				
Ground level Elev. 6205'	Producing Formation Mesa Verde	Pool Blanco	Dedicated Acreage 319.67 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 _____ 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, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.				

8	7	6	5
USA NM - 3195-A		1190'	
9	10	11	12
7			
16	15	14	13
17	18		

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 Rep

Position
Meridian Oil Inc.

Company
10-12-93

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.

9-10-93

Date Surveyed
Needle C. Edwards
Signature of Surveyor
Professional Surveyor
6857

6857

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916 CON. DIV
DIST. 3

10/10/2020

October 12, 1993

OPERATIONS PLAN

Well Name: Sullivan #1R
Location: 1190'FNL, 1190'FEL Section 7, T-30-N, R-10-W
 San Juan County, New Mexico
 Latitude 36° 49' 48", Longitude 107° 55' 11"
Formation: Blanco Mesa Verde
Elevation: 6205'GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	1398'	
Ojo Alamo	1398'	1508'	aquifer
Kirtland	1508'	2471'	
Fruitland	2471'	2810'	gas
Pictured Cliffs	2810'	3045'	gas
Lewis	3045'	3543'	
Intermediate TD	3245'		
Huerfanito Bentonite	3543'	3620'	
Chacra	3620'	4447'	gas
Upper Cliff House	4447'	4415'	gas
Massive Cliff House	4415'	4597'	gas
Menefee	4597'	5005'	gas
Massive Point Lookout	5005'	5135'	gas
Lower Point Lookout	5135'		gas
Total Depth	5500'		

Logging Program:

Openhole Wireline Logging -
 Surface to Intermediate TD : DIL/LDT/CNL/NGT/ML/FMS
 Intermediate TD to Total Depth : DIL/LDT/CNL/Temp
 Mud Logs/Coring/DST -
 Mud logs - 3245' to Total Depth
 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
200-3245'	Weighted	8.4-9.1	30-60	no control
3245-5500'	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' - 3245'	7"	20.0#	K-55
	7" stage tool @ 2400'			
6 1/4"	3095' - 5500'	4 1/2"	10.5#	K-55

Tubing Program:

0' - 5500'	2 3/8"	4.7#	J-55
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