

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

30-039-25400 ✓

1a. Type of Work DRILL	5. Lease Number NM-012573
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator MERIDIAN OIL ✓ 14538	7. Unit Agreement Name San Juan 30-6 Unit ✓
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 7469 San Juan 30-6 Unit 9. Well Number 66R ✓
4. Location of Well 255' FSL, 190' FWL Latitude 36° 48' 24", Longitude 107° 33' 09"	10. Field, Pool, Wildcat 72319 Blanco Mesa Verde ✓ 11. Sec., Twn, Rge, Mer. M Sec 14, T-30-N, R-7-W NMPM
14. Distance in Miles from Nearest Town 5 miels to Navajo City	12. County Rio Arriba ✓ 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 190'	This action is subject to technical and procedural review pursuant to 43 CFR 3163.3 and appeal pursuant to 43 CFR 3165.4.
16. Acres in Lease 960.00	17. Acres Assigned to Well 320 W/2 ✓
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 600'	
19. Proposed Depth 5900'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6265' GR	22. Approx. Date Work will Start 1st quarter 1994
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by:  Regional Drilling Engineer	11/10/93 Date

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MAY 12 1994

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

N5L-3384 ✓

NMOCD

APPROVED
AS AMENDED

MAY 09 1994
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 1-1-89

OIL CONSERVATION DIVISION

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

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OFFICE OF THE COMMISSIONER, NM

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

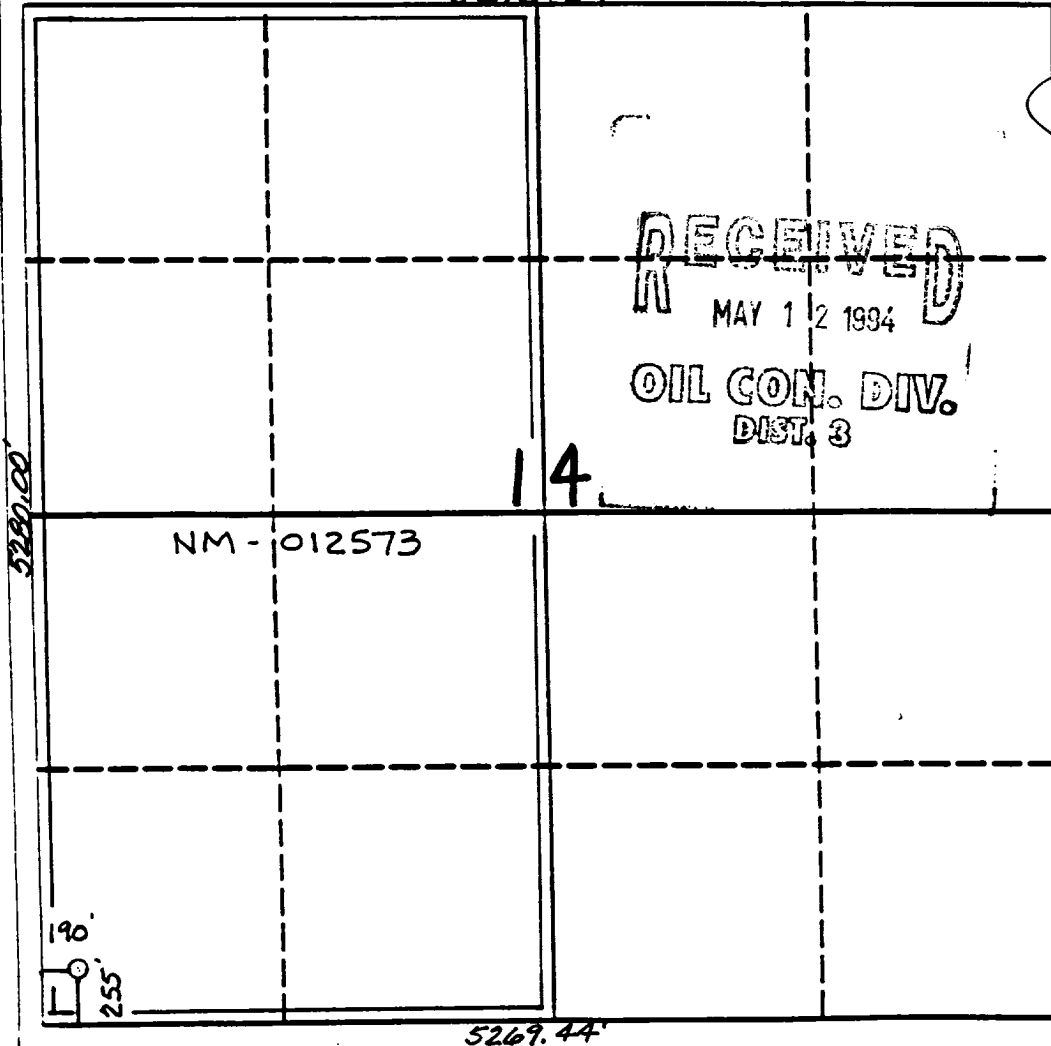
DISTRICT II
P.O. Drawer DD, Azusa, NM 88210

DISTRICT III
1000 Rio Bonito 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 San Juan 30-6 Unit		Well No. 66R
Unit Letter M	Section 14	Township 30 North	Range 7 West	County Rio Arriba
Actual Footage Location of Well: 255 feet from the South line and 190 feet from the West line				
Ground level Elev. 6265'	Producing Formation Mesa Verde	Pool Blanco	Dedicated Acreage: 320 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, forced-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, forced-pooling, or otherwise) or until a non-standard tract, eliminating such interest, has been approved by the Division.				

5276.04



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 Representative

Position
Meridian Oil Inc.

Company
11-8-93

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. 9-26-93

Date Surveyed
C. EDWARDS
Needle

Signature of State
Professional Surveyor

6857

Commission No.

6857

OPERATIONS PLAN

Well Name: San Juan 30-6 Unit #66R
Location: 255' FSL, 190' FWL Section 14, T-30-N, R-7-W
 Rio Arriba County, New Mexico
 Latitude 36° 48' 24", Longitude 107° 33' 09"
Formation: Blanco Mesa Verde
Elevation: 6265' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2107'	
Ojo Alamo	2107'	2362'	aquifer
Kirtland	2362'	2893'	
Fruitland	2893'	3182'	gas
Pictured Cliffs	3182'	3372'	gas
Lewis	3372'	3872'	
Intermediate TD	3520'		
Huerfanito Bentonite	3872'	3922'	
Chacra	3922'	4767'	gas
Upper Cliff House	4767'	5040'	gas
Massive Cliff House	5040'	5082'	gas
Menefee	5082'	5394'	gas
Massive Point Lookout	5394'	5500'	gas
Total Depth	5900'		

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 - 2100' to Total Depth
 Sidewall Cores in Pictured Cliffs
 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
200-3520'	Weighted	8.4-9.1	30-60	no control
3520-5900'	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' - 3520'	7"	20.0#	K-55
	7" stage tool @	2843'		
6 1/4"	3370' - 5900'	4 1/2"	10.5#	K-55

Tubing Program:

0' - 5900' 2 3/8" 4.7# J-55