

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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30-045-29010 ✓

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

070 Farmington, NM

1a. Type of Work DRILL	5. Lease Number SF-078439
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator MERIDIAN OIL 74538	7. Unit Agreement Name
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name Johnston Federal 7208
	9. Well Number 6R ✓
4. Location of Well 1540' FSL, 880' FWL Latitude 36° 51' 07", Longitude 107° 45' 20"	10. Field, Pool, Wildcat Blanco Mesa Verde ✓ 72319
	11. Sec., Twn, Rge, Mer. 12 L Sec 35, T-31-N, R-9-W NMPM
14. Distance in Miles from Nearest Town 4 miles to Navajo Dam	12. County San Juan
	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 880'	
16. Acres in Lease 2434.230	17. Acres Assigned to Well 314.67 W/2 25 ✓
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 800'	
19. Proposed Depth 5709'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6102' GR	22. Approx. Date Work will Start 4th quarter 1993
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by:  Regional Drilling Engineer	OIL CON. DIV. DIST. 3 Date 10/4/93

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

Archaeological Report submitted 04-21-93 by Arboles Contract Archaeology Technical Report #210
Threatened and Endangered Species Report submitted 05-23-93
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

APPROVED
AS AMENDED

OCT 25 1993

DISTRICT MANAGER

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

State of New Mexico
Energy, Minerals and Natural Resources Department

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Form C-182
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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070 FACILITATION, NM

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

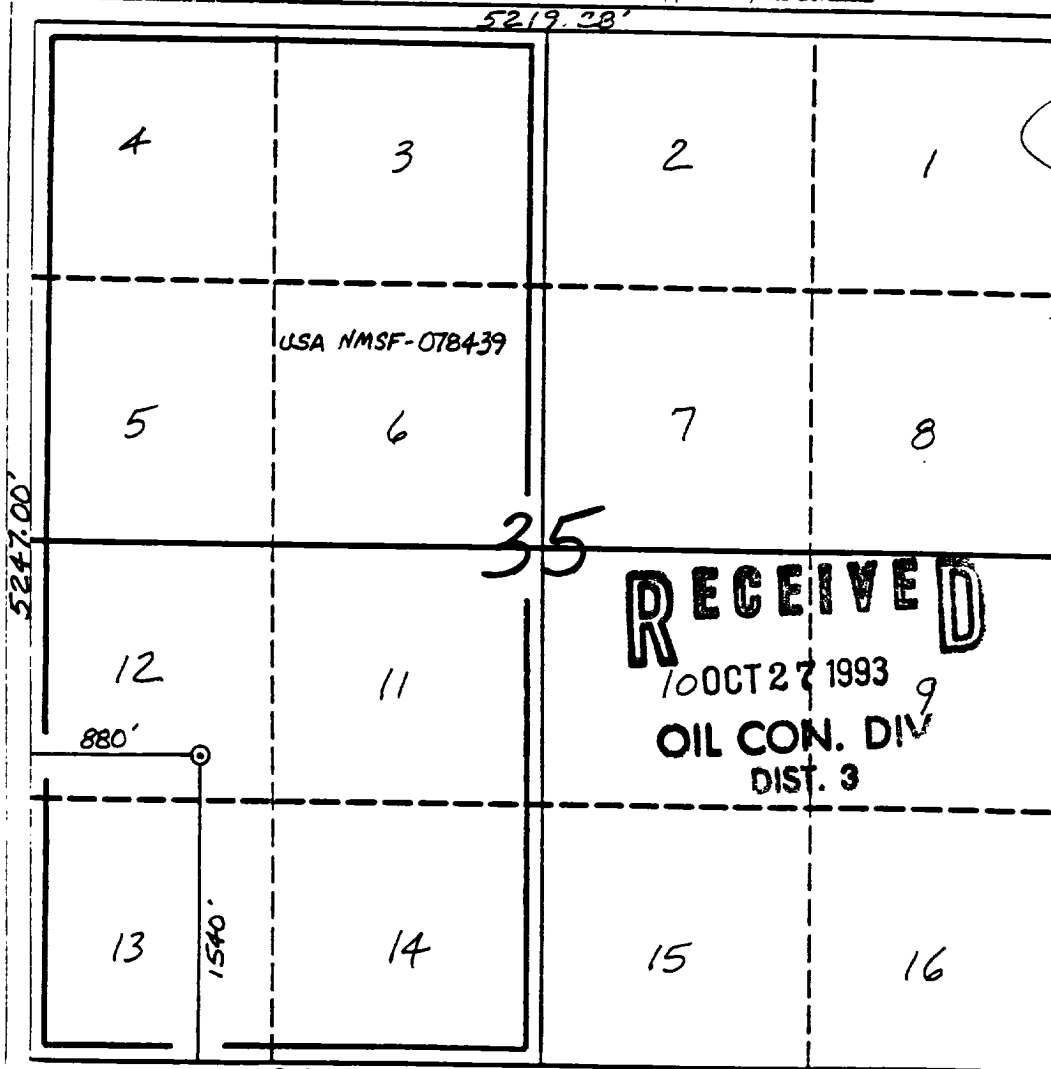
DISTRICT II
P.O. Drawer DD, Artesa, NM 88210

DISTRICT III
1000 Rio Grande 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 Johnston Federal		Well No. 6R	
Unit Later L	Section 35	Township 31 North	Range 9 West	County San Juan	
Actual Footage Location of Well: 1540 feet from the South line and 880 feet from the West line					
Ground level Elev. 6102'	Producing Formation Mesa Verde		Pool Blanco	Dedicated Acreage: 314.6725 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 commutation, 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 commutation, unitization, force-pooling, or otherwise) or until a non-standard unit, communitization, or other 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

10-2-93

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.

1-25-93

Date Surveyed
C. EDWARDS

Signature
C. Edwards

Professional Surveyor

9357

License No.

OPERATIONS PLAN

Well Name: Johnston Federal #6R
Location: 1540' FSL, 880' FWL Section 35, T-31-N, R-9-W
 San Juan County, New Mexico
 Latitude 36° 51' 07", Longitude 107° 45' 20"
Formation: Blanco Mesa Verde
Elevation: 6102' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	1698'	
Ojo Alamo	1698'	1738'	aquifer
Kirtland	1738'	2469'	
Fruitland	2469'	2926'	gas
Pictured Cliffs	2926'	3062'	gas
Lewis	3062'	3713'	
Intermediate TD	3260'		
Chacra	3713'	4447'	gas
Mesa Verde	4447'		gas
Massive Cliff House	4728'	4801'	gas
Menefee	4801'	5159'	gas
Massive Point Lookout	5159'		gas
Lower Point Lookout	5289'		gas
Total Depth	5709'		

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 - 3260' 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
200-3260'	Weighted	8.4-9.1	30-60	no control
3260-5709'	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' - 3260'	7"	20.0#	K-55
	7" stage tool @ 2400'			
6 1/4"	3110' - 5709'	4 1/2"	10.5#	K-55

Tubing Program:

0' - 5709' 2 3/8" 4.7# J-55

