

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

04 FEB 11 1994

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

02 ALBUQUERQUE, N.M.

30-039-25394 ✓

1a. Type of Work
DRILL

1b. Type of Well
GAS

RECEIVED
MAY - 2 1994

5. Lease Number
SF-080472

6. If Indian, All. or Tribe

2. Operator

MERIDIAN OIL
1453P

OIL CON. DIV.
DIST. 3

7. Unit Agreement Name

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499

(505) 326-9700

8. Farm or Lease Name

6934 Cullins Federal ✓

9. Well Number

6

4. Location of Well

1510' FSL, 2390' FEL

Latitude 36° 20' 11", Longitude 107° 09' 39"

10. Field, Pool, Wildcat

39189 W. Lindrith G1 Dakota ✓

11. Sec., Twn, Rge, Mer.

J Sec 4, T-24-N, R-3-W
NMPM

14. Distance in Miles from Nearest Town

35 miles Counselors

12. County

Rio Arriba

13. State

NM

15. Distance from Proposed Location to Nearest Property or Lease Line

1510'

16. Acres in Lease

17. Acres Assigned to Well

160 SE/4 ✓

18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease

2000'

19. Proposed Depth

8000'

20. Rotary or Cable Tools

Rotary

21. Elevations (DF, FT, GR, Etc.)

7057' GL

22. Approx. Date Work will Start

2nd quarter 1994

23. Proposed Casing and Cementing Program

See Operations Plan attached

24. Authorized by:

Regional Drilling Engineer

2-4-94

Date

PERMIT NO.

APPROVAL DATE

APPROVED BY

SARAH MONDY

AREA MANAGER

TITLE

DATE

APR 29 1994

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

256-3373

NMOCD

Schedule to Accompany:
District Office -
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-183
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

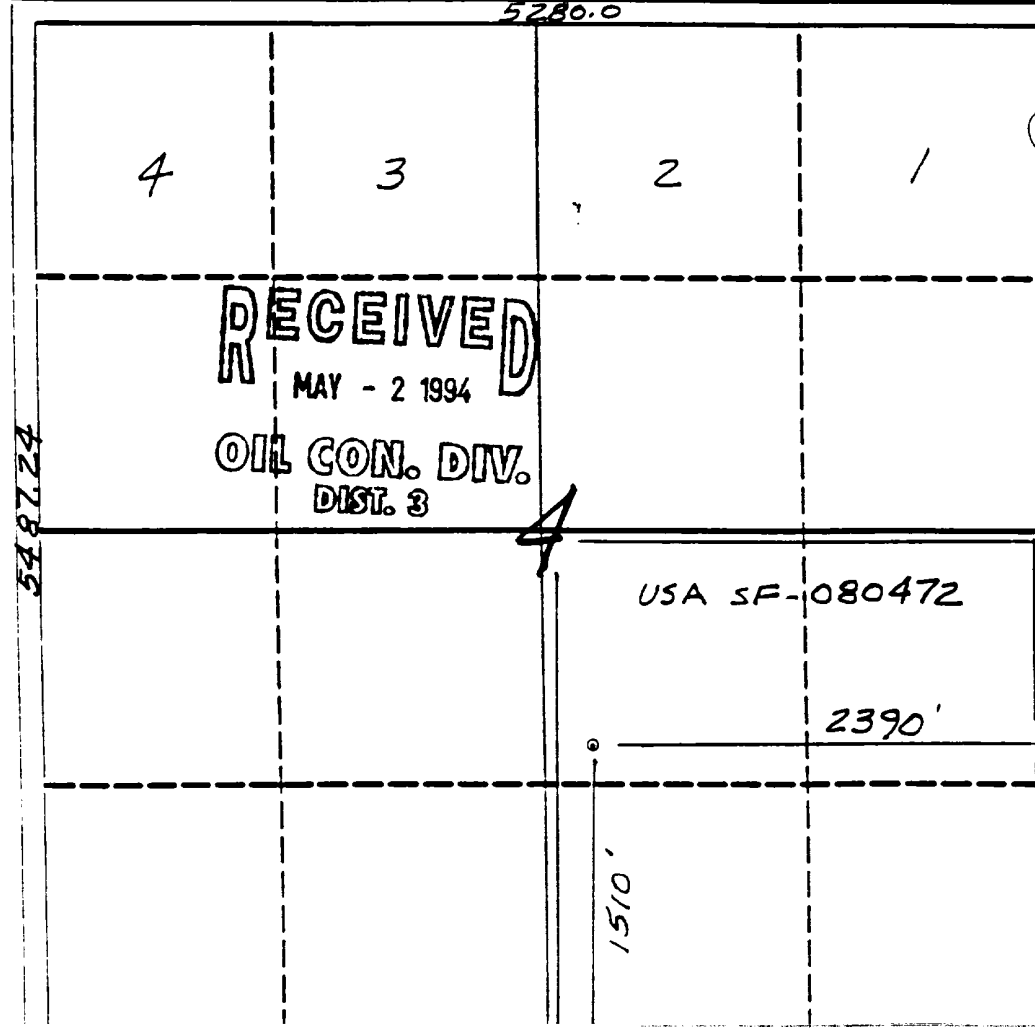
DISTRICT II
P.O. Drawer 00, Arama, NM 88210

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 Cullins Federal		Well No. 6
Unit Letter J	Section 4	Township 24 North	Range 3 West	County Rio Arriba
Actual Footage Location of Well: 1510 feet from the South line and 2390 feet from the East line.				
Ground level elev. 7057'	Producing Formation Gallup Dakota	Pool West Lindrith	Dedicated Acreage 160 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 what 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-consolidated unit, eliminating 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 Representative

Position

Meridian Oil Inc.
Company

2-1-94
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.

11-11-93
Date Surveyed

G. EDWARDS
Name

Professional Surveyor
Signature

9857

COMMISSIONER

February 4, 1994

OPERATIONS PLAN

Well Name: Cullins Federal #6
Location: 1510' FSL, 2390' FEL, Section 4, T-24-N, R-3-W
 Rio Arriba County, New Mexico
Formation: West Lindrith Gallup Dakota
Elevation: 7057' GL

Formation Tops:

Surface	San Jose	Menefee	5060'
Ojo Alamo	2950'	Point Lookout	5485'
Kirtland	3035'	Mancos	5860'
Fruitland	3045'	Gallup	6595'
Pictured Cliffs	3280'	Greenhorn	7465'
Lewis	3395'	Graneros	7520'
Chacra	4170'	Dakota	7550'
Cliff House	4910'	Morrison	7950'
		Total Depth	8000'

Logging Program: Mud logs from 3000' to Total Depth.
 GR-DIL-SP; LDT-CNL-DIL; Microlog; MRIL

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
200-8000'	Non-dispersed	8.4-9.5	30-60	no 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'	8 5/8"	24.0#	K-4055
7 7/8"	0 - 6800' 8000'	4 1/2"	10.5#	K-55

Tubing Program:

0 - 8000'	2 3/8"	4.7#	J-55
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Float Equipment: 8 5/8" surface casing- saw tooth guide shoe.
 Centralizers to be run in accordance with Onshore Order #2.

4 1/2" production casing - float shoe on bottom. Three centralizers run every other joint above shoe. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 3035'. Standard centralizers thereafter every fourth joint up to base of surface pipe.

Wellhead Equipment: 8 5/8" x 4 1/2" x 2 3/8" x 11" 3000 psi xmas tree assembly.

Cementing:

8 5/8" surface casing - cement w/210 sx Class "B" cement with 1/4# flocele/sx and 3% calcium chloride (250 cu.ft. of slurry, 200% excess to circulate to surface). WOC 12 hrs. Test casing to 600 psi/30 minutes.

