

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
DRILL

1b. Type of Well
GAS

RECEIVED
JUN 1 1993

5. Lease Number

SF-078423

6. If Indian, All. or Tribe

2. Operator

MERIDIAN OIL

14538

OIL CON.
DIST.

7. Unit Agreement Name

San Juan 29-7 Unit

7465

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499

(505) 326-9700

8. Farm or Lease Name

San Juan 29-7 Unit

9. Well Number

519

4. Location of Well

790' FNL, 1535' FEL

Latitude 36° 44' 40", Longitude 107° 35' 22"

10. Field, Pool, Wildcat

71629 Basin Ft Coal / ✓ 66725
S. Blanco Pie. Cliffs UNDES pc.

11. Sec., Twn, Rge, Mer.

Sec 8, T-29-N, R-7-W
NMPM

14. Distance in Miles from Nearest Town

6 miles SE of Abe's Store

12. County

Rio Arriba

13. State

NM

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

790'

16. Acres in Lease

2400

17. Acres Assigned to Well

320/160 E/2 & NE/4

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

300'

19. Proposed Depth

3260' 3195

20. Rotary or Cable Tools

Rotary

21. Elevations (DF, FT, GR, Etc.) This action is subject to technical and

6210' GR

procedural review pursuant to 43 CFR 3165.3
and appeal pursuant to 43 CFR 3165.4.

22. Approx. Date Work will Start

2nd quarter 1993

23. Proposed Casing and Cementing Program

See Operations Plan attached

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS".

24. Authorized by:

ER Rous for
Regional Drilling Engineer

4/5/93
Date

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

TITLE _____

APPROVED
AS AMENDED

Archaeological Report to be submitted

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

OK

NMOCD

MAY 2 1993
DISTRICT MANAGER

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
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, Artesa, NM 88210

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

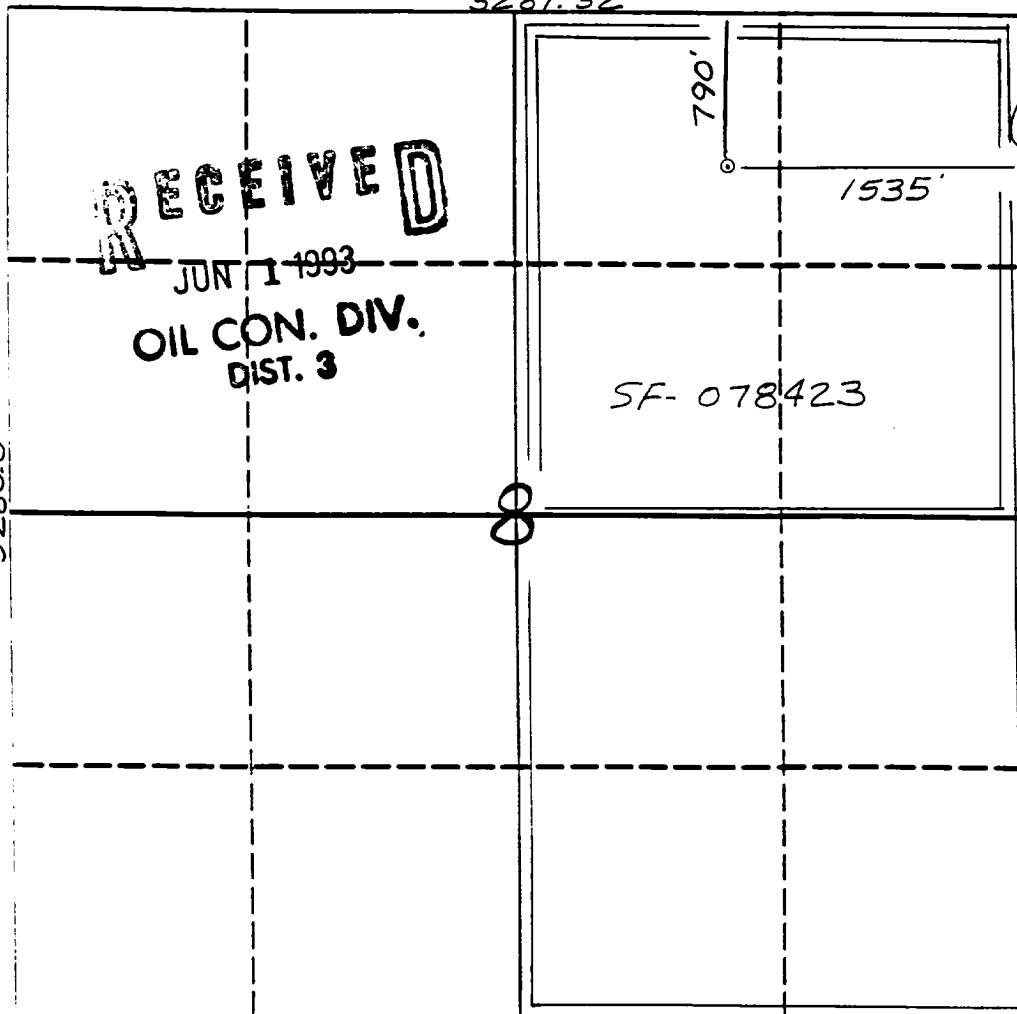
WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Meridian Oil Inc.		Lease San Juan 29-7 Unit		Well No. 519
Unit Letter B	Section 8	Township 29 North	Range 7 West	County NMED Rio Arriba

Actual Footage Location of Well:				
790	feet from the North	line and	1535	feet from the East line
Ground level Elev. 6210'	Producing Formation Fruitland Coal/Pic.Cliffs	Pool Basin/S. Blanco	Dedicated Acreage: 320/160 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, force-pooling, etc.?
☒ Yes ☐ No If answer is "yes" type of consolidation unitization
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, alienating 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

Date
4-5-93

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.

3-31-93
Date Surveyed

C. EDWARDS
Name

Professional Surveyor

6857

[Signature]
Certificate No.

6857

April 5, 1993

OPERATIONS PLAN

Well Name: San Juan 29-7 Unit #519
Location: 790'FNL, 1535'FEL Section 8, T-29-N, R-7-W
 Rio Arriba County, New Mexico
 Latitude 36° 44' 40", Longitude 107° 35' 22"
Formation: Basin Fruitland Coal/S.Blanco Pictured Cliffs
Elevation: 6210'GL

Formation Tops:	Top	Bottom	Contents
Surface	San Jose	667'	
Ojo Alamo	2066'	2200'	aquifer
Kirtland	2200'	2710'	
Fruitland	2710'	3025'	
Fruitland Coal Top	2805'	3005'	gas
Pictured Cliffs	3025'	3195'	gas
Total Depth	3195'		

Logging Program: Surface to Total Depth: IND-SP-GR
 1900-Total Depth: HR Dens, Neut, GR, Cal
 2000-Total Depth: Mud logs
 2600-Total Depth: HR Dens, PE, GR, ML, SP

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 200'	Spud	8.4-8.9	40-50	no control
200-3195'	Non-dispersed	8.4-9.1	30-60	no control

Casing Program:

Hole Size	Depth Interval	Csg.Size	Wt.	Grade
12 1/4"	0' - 200'	8 5/8"	24.0#	K-40
7 7/8"	0' - 3195'	4 1/2"	10.5#	K-55

Tubing Program:

0' - 3195'	2 3/8"	4.7#	J-55
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Float Equipment: 8 5/8" surface casing - saw tooth guide shoe.
 Centralizers will be run in accordance with Onshore Order #2.

4 1/2" production casing - float shoe on bottom. Three (3) centralizers run every other joint above shoe, five (5) centralizers every third joint to the base of the Ojo Alamo. Standard centralizers thereafter every fourth joint up to the base of the 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 with 210 sx Class "B" cement with 1/4# flocele/sx and 3% calcium chloride (250 cu.ft. of slurry, 100% excess to circulate to surface). WOC 12 hrs. Test casing to 600 psi/30 minutes.

