

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

NOV 12 1992

OIL CON. DIV.

30-039-25237
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK WELL NO. 3

1a. TYPE OF WORK DRILL	5. LEASE NUMBER SF-079051-A
1b. TYPE OF WELL GAS	6. IF INDIAN, ALL. OR TRIBE NAME
2. OPERATOR MERIDIAN OIL INC. ✓ 14538	7. UNIT AGREEMENT NAME SAN JUAN 28-6 UNIT ✓
3. ADDRESS & PHONE NO. OF OPERATOR P O BOX 4289 FARMINGTON, NM 87499	8. FARM OR LEASE NAME SAN JUAN 28-6 UNIT 7462
4. LOCATION OF WELL 2100' FNL 1530' FEL	9. WELL NO. 453 ✓
14. DISTANCE IN MILES FROM NEAREST TOWN 10 MI S/W OF GOVERNADOR	10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL 71629 ✓
15. DISTANCE FROM PROPOSED LOCATION 1530' TO NEAREST PROPERTY OR LEASE LINE.	11. SEC. T. R. M OR BLK. G SEC. 5 T27N R06W NMPM
16. ACRES IN LEASE 17. ACRES ASSIGNED TO WELL 321.16 320.88 ✓ This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.	12. COUNTY RIO ARRIBA
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DR. 400' COMPL., OR APPLIED FOR ON THIS LEASE.	13. STATE NM
21. ELEVATIONS (DF, FT, GR, ETC.) 6691' GL	22. APPROX. DATE WORK WILL START

23. PROPOSED CASING AND CEMENTING PROGRAM

*SEE OPERATIONS PLAN

24. AUTHORIZED BY: [Signature]
REG. DRILLING ENGR.

9/21/92
DATE

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

APPROVED
AS AMENDED

NOTE: THIS FORMAT IS ISSUED IN LIEU OF US BLM FORM 3160-3.

ARCH REPORT SUBMITTED 10/01/90

OK (9)

NMOCD

NOV 09 1992
[Signature]
AREA MANAGER

Submit to Appropriate
District Office
State Leases - 4 copies
Fee Leases - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

RECEIVED
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, Artesia, 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 28-6 Unit		Well No. 453
Unit Letter G	Section 5	Township 27 North	Range 6 West	County Rio Arriba	
Actual Footage Location of Well: 2100 feet from the North line and 1530 feet from the East line					
Ground level Elev. 6691'		Producing Formation Fruitland Coal		Pool Basin	
Dedicated Acreage: 320.88 Acres					

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

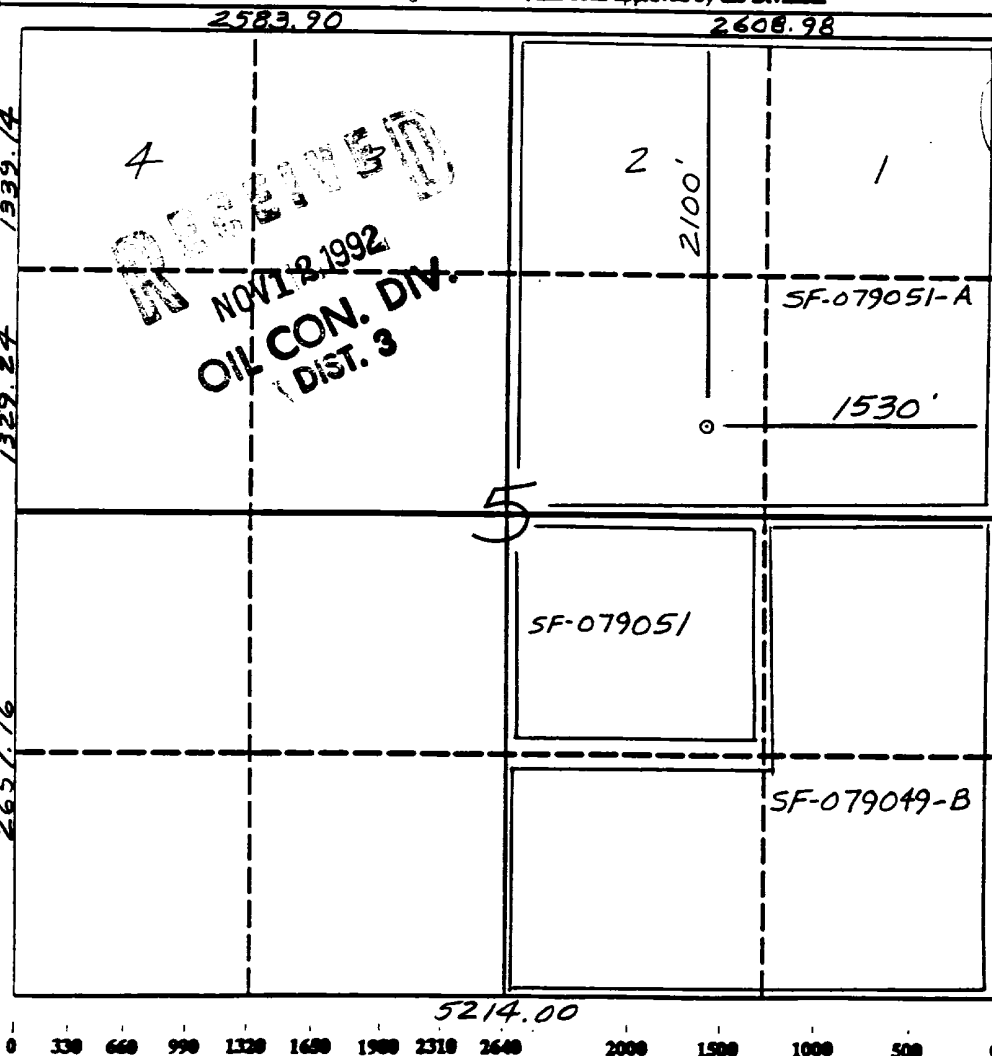
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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 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, forced-pooling, or otherwise) or until a non-standard 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.

Signature
Peggy Bradfield

Printed Name
Regulatory Affairs

Position
Meridian Oil Inc.

Company

Date
9-18-92

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.

8-28-90

Date Surveyed

Signature
Professional Surveyor



Certificate No.
Neale C. Edwards

OPERATIONS PLAN

Well Name: San Juan 28-6 Unit #453
Location: 2100'FNL, 1530'FEL Section 5, T-27-N, R-6-W
 Rio Arriba County, New Mexico
Formation: Basin Fruitland Coal
Elevation: 6691'GL

Formation Tops:	Top	Bottom	Contents
Surface	San Jose	2735'	
Ojo Alamo	2735'	2785'	aquifer
Kirtland	2785'	3110'	gas
Fruitland	3110'	3205'	gas
Fruitland Coal Top	3205'	3396'	gas & salt water
Pictured Cliffs	3397'		gas
Total Depth	3440'		

Logging Program: Mud logs from 3050' to Total Depth.
 IND, Dens, Neut, GR, ML

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 200'	Spud	8.4-8.9	40-50	no control
200-3440'	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' - 3440'	4 1/2"	10.5#	K-55

Tubing Program:

0' - 3440'	2 3/8"	4.7#	J-55
------------	--------	------	------

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. Two (2) turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 2785'. 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, 200% excess to circulate to surface). WOC 12 hrs. Test casing to 600 psi/30 minutes.

