

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-045-27933

RECEIVED
FARMINGTON, NEW MEXICO

JUN 10 PM 2:16

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL	5. LEASE NUMBER SF-078509
1b. TYPE OF WELL GAS	6. IF INDIAN, ALL. OR TRIBE NAME
2. OPERATOR MERIDIAN OIL INC.	7. UNIT AGREEMENT NAME SAN JUAN 32-9 UNIT
3. ADDRESS & PHONE NO. OF OPERATOR P O BOX 4289 FARMINGTON, NM 87499	8. FARM OR LEASE NAME SAN JUAN 32-9 UNIT
4. LOCATION OF WELL 790' FSL 790' FWL	9. WELL NO. 253
14. DISTANCE IN MILES FROM NEAREST TOWN 5 MILES E OF CEDAR HILL	10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL
15. DISTANCE FROM PROPOSED LOCATION 790' TO NEAREST PROPERTY OR LEASE LINE.	11. SEC. T. R. M OR BLK. M SEC. 5 T31N R09W NMPM
16. ACRES IN LEASE 17. ACRES ASSIGNED TO WELL 2136.900 312.85	12. COUNTY 13. STATE SAN JUAN NM
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DR. 250' COMPL., OR APPLIED FOR ON THIS LEASE.	19. PROPOSED DEPTH 20. ROTARY OR CABLE TOOLS 3469' ROTARY
21. ELEVATIONS (DF, FT, GR, ETC.) 6642' GL	22. APPROX. DATE WORK WILL START JUN 14 1990
23. PROPOSED CASING AND CEMENTING PROGRAM *SEE OPERATIONS PLAN	OIL CON. DIV DIST. 3
24. AUTHORIZED BY: <u>Sammy Boone for SWC</u> REG. DRILLING ENGR.	5-8-90 DATE

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO ALL OF THE ATTACHED
"GENERAL REQUIREMENTS".

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JUN 25 1990

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

APPROVED
JUN 14 1990
AREA MANAGER

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

NMOCD

100-100000
OIL CO. INC.
100-100000

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100-100000

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

JUN 13 PM 2:15

RECEIVED
SANTA FE, NEW MEXICO

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

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

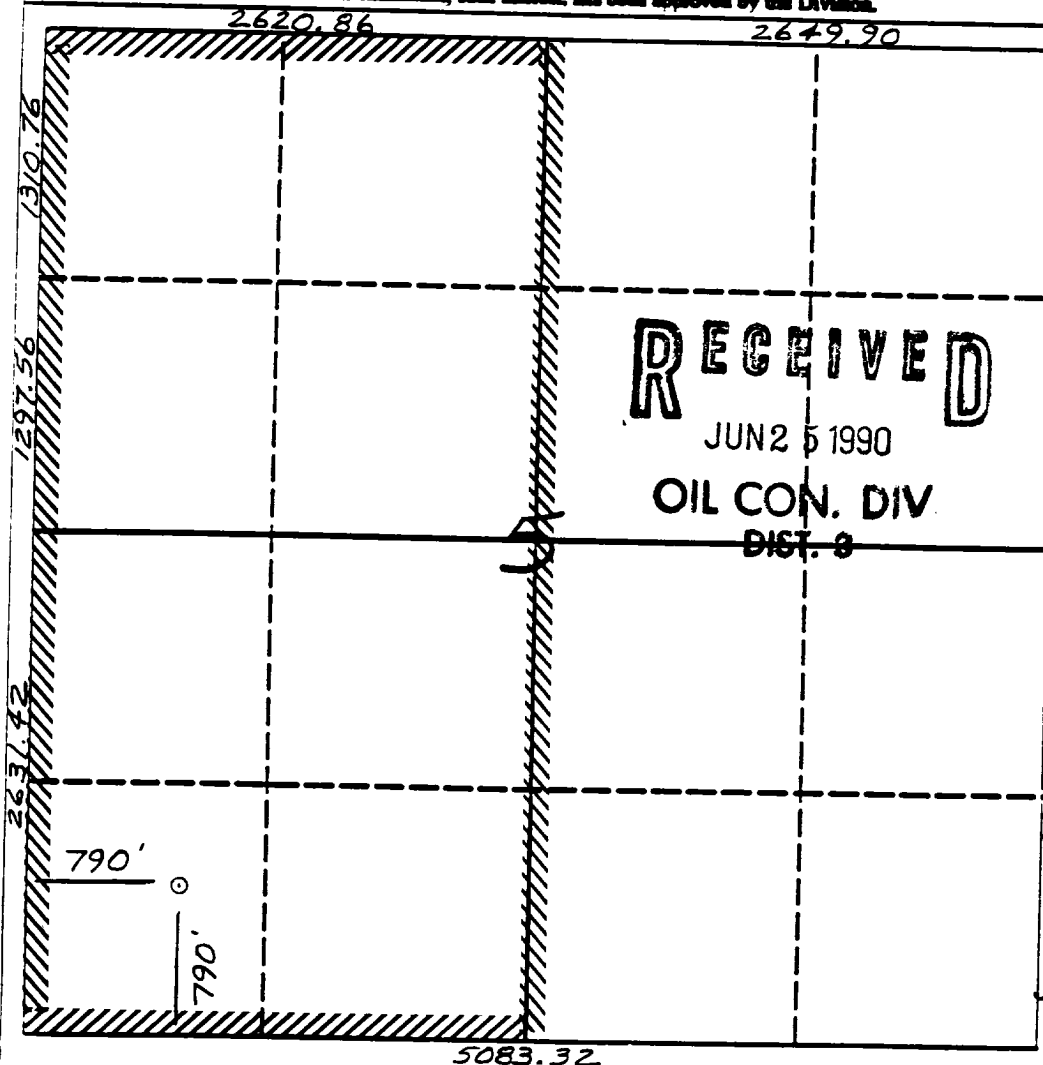
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Meridian Oil Inc.			Lease San Juan 32-9 Unit(SF-078509)			Well No. 253
Unit Letter M	Section 5	Township 31 North	Range 9 West	County San Juan		
Actual Footage Location of Well: 790 feet from the South line and 790 feet from the West line						
Ground level Elev. 6642'		Producing Formation Fruitland Coal Basin			Dedicated Acreage: 312.85 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hectare 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, force-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
5-8-90

Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes, actual surveys made by me or under supervision, and that the same is true correct to the best of my knowledge and belief.

Date Surveyed
NEALE C. EDWARDS

Signature of Surveyor
Professional Surveyor

REGISTERED LAND SURVEYOR
6857

Well Name: 253 SAN JUAN 32-9 UNIT
 Sec. 5 T31N R09W
 BASIN FRUITLAND COAL

790'FSL 790'FWL
 SAN JUAN NEW MEXICO
 Elevation 6642'GL

Formation tops: Surface- SAN JOSE
 Ojo Alamo- 1880
 Kirtland- 1996
 Fruitland- 3087
 Fruitland Coal Top- 3231
 Fruitland Coal Base- 3465
 Intermediate TD- 3210
 Total Depth- 3469
 Pictured Cliffs- 3481

Logging Program: Mud logs from intermediate to total depth.

Mud Program:	Interval	Type	Weight	Visc.	Fl. Loss
	0 - 200	Spud	8.4 - 8.9	40-50	no control
	200 - 3210	Non-dispersed	8.4 - 9.1	30-60	no control
	3210 - 3469	Formation Water	8.4		no control

Casing Program:	Hole Size	Depth Interval	Csg. Size	Weight	Grade
	12 1/4"	0 - 200	9 5/8"	32.3#	H-40
	8 3/4"	0 - 3210	7"	20.0#	K-55
	6 1/4"	3160 - 3469	5 1/2"	15.5#	K-55
Tubing Program:		0 - 3469	2 7/8"	6.5#	J-55

Float Equipment: 9 5/8" surface casing - saw tooth guide shoe. Centralizers will be run in accordance with Onshore Order #2.

7" intermediate casing - guide shoe and self-fill insert float valve. Three centralizers run every other joint above shoe and four centralizers run every other joint across Ojo Alamo. Run insert float one joint above the guide shoe.

5 1/2" production casing - float shoe on bottom and a pre-drilled liner run to the 7" casing with a minimum 50' overlap. Liner hanger is a double slip grip type.

Wellhead Equipment: 9 5/8" x 7" x 2 7/8" x 11" 3000 psi xmas tree assembly.

Cementing:

9 5/8" surface casing - cement with 160 sacks of class "B" cement with 1/4# flocele/sack and 3% calcium chloride (189 cu ft. of slurry, 200% excess to circulate to surface). WOC 12 hours. Test casing to 600 psi for 30 minutes.

7" intermediate casing - lead with 469 sacks of 65/35 class "B" poz with 6% gel, 2% calcium chloride and 1/2 cu ft. Perlite/sack (10.3 gallons of water/sack) tail with 100 sacks of class "B" with 2% calcium chloride. 1023 cu ft. of slurry, 110% excess to circulate to surface. WOC 12 hours.

5 1/2" liner - do not cement.

San Juan 32-9 Unit # 253
T31N, R9W

75' New Construction
9100' of existing BLM
roads, all located within
Unit Boundaries

Remaining existing roads
on Fee, State or approved
BLM ROW

MAP #1

