

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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OLM

30-145-21523

SL 11:37 PM 11/30/91

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

RECEIVED

1a. TYPE OF WORK
DRILL

1b. TYPE OF WELL
GAS

AUG 1 1991

OIL CON. DIV.

DIST. 3

2. OPERATOR
MERIDIAN OIL INC.

14538

3. ADDRESS & PHONE NO. OF OPERATOR
P O BOX 4289
FARMINGTON, NM 87499

4. LOCATION OF WELL
1010'FSL 1115'FEL

5. LEASE NUMBER

SF-080376

6. IF INDIAN, ALL. OR TRIBE NAME

7. UNIT AGREEMENT NAME

SAN JUAN 32-9 UNIT

8. FARM OR LEASE NAME

SAN JUAN 32-9 UNIT 7423

9. WELL NO.

112

10. FIELD, POOL, OR WILDCAT
UNDESIGNATED PICTURED CLIFFS

11. SEC. T. R. M OR BLK.

SEC. 9 T31N R09W NMPM

14. DISTANCE IN MILES FROM NEAREST TOWN
9 MILES FROM AZTEC

12. COUNTY

SAN JUAN

13. STATE

NM

15. DISTANCE FROM
PROPOSED LOCATION 1010'
TO NEAREST PROPERTY
OR LEASE LINE.

16. ACRES IN LEASE 17. ACRES ASSIGNED TO WELL
158.60

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
3650' ROTARY

21. ELEVATIONS (DF, FT, GR, ETC.)
6595'GL

22. APPROX. DATE WORK WILL START

23. PROPOSED CASING AND CEMENTING PROGRAM

*SEE OPERATIONS PLAN

24. AUTHORIZED BY:

Donner Boone
REG. DRILLING ENGR.

6-20-91
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 04/02/91

JUL 30 1991
AREA MANAGER

NUCCD

Submit to Assessor
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

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ELN

91 JUN 24 PM 1:37

013 PM 1:37

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

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

DISTRICT III
1000 Rio Branco 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		Well No. 112
Unit Letter P	Section 9	Township 31 North	Range 9 West	County San Juan	
Actual Footage Location of Well: 1010 feet from the South line and 1115 feet from the East line					
Ground level elev. 6595'		Producing Formation Pictured Cliffs		Pool Undesignated	Dedicated Acreage: 158.6 Acres

- Outline the acreage dedicated to the subject well by colored pencil or machine marks 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, 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.

5250.96

RECEIVED

AUG 1 1991.

OIL CON. DIV.
DIST. 3

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

6-19-91

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.

3-18-91

Date Surveyed

Signature of Surveyor
Professional Surveyor



Certificate No.

Neale C. Edwards

2594.46

2632.08

0 330 660 990 1320 1650 1980 2310 2640

Well Name: 112 SAN JUAN 32-9 UNIT 1010' FSL 1115' FEL
 Sec. 9 T31N R09W SAN JUAN NEW MEXICO
 UNDESIGNATED PICTURED CLIFFS Elevation 6595' GL

Formation tops: Surface- SAN JOSE

Ojo Alamo- 2059

Kirtland- 2139

Fruitland- 3061

Fruitland Coal Top- 3217

Fruitland Coal Base- 3439

Pictured Cliffs- 3453

Total Depth- 3650

Logging Program: Mud logs from 3061 to total depth.

Mud Program:	Interval	Type	Weight	Visc.	Fl. Loss
	0 - 200	Spud	8.4 - 8.9	40-50	no control
	200 - 3650	Non-dispersed	8.4 - 9.5	30-60	no control

Casing Program:	Hole Size	Depth Interval	Csg. Size	Weight	Grade
	12 1/4"	0 - 200	8 5/8"	24.0#	K-55
	7 7/8"	0 - 3650	4 1/2"	10.5#	K-55
Tubing Program:		0 - 3650	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 - guide shoe on bottom. Float valve one joint off bottom. Three centralizers run every other joint above shoe. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 2139'. Stage tool @ 2139'. 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 211 sacks of class "B" cement with 1/4# flocele/sack and 3% calcium chloride (248 cu ft. of slurry, 200% excess to circulate to surface). WOC 12 hours. Test casing to 600 psi for 30 minutes.

4 1/2" production casing - First stage: Lead with 200 sacks of 65/35 Class "B" pozmix with 6% gel, 2% CaCl₂, 5#/sack Gilsonite, and 1/4#/sack Flocele. Tail with 300 sacks Class "B" with 2% CaCl₂, (706 cu.ft., 100% excess to circulate stage tool @ 2100'). Second stage: Lead with 270 sacks of 65/35 Class "B" pozmix with 6% gel, 2% CaCl₂, 5#/sack gilsonite, and 1/4#/sack Flocele. Tail with 406 sacks Class "B" with 2% CaCl₂, (960 cu. ft., 100% excess to circulate to surface). WOC 12 hours. If cement does not circulate to surface, a temperature log will be run after 8 hours to determine TOC.

San Juan 32-9 Unit #112

T 31 N, R 09 W

No New Construction

Section 9: N2S2	4400'
8: NESE	900'
S2N2	3500'

Remaining existing roads are on
existing BLM ROW: NM 76726
NM 77292

MERIDIAN OIL INC

