

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐

GAS
WELL ☒

OTHER ☐

2. NAME OF OPERATOR

Meridian Oil Inc.

3. ADDRESS OF OPERATOR

PO Box 4289, Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

995'S, 830'W

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15 miles from Gobernador, NM

15. LOCATION FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

830'

16. NO. OF ACRES IN LEASE

Unit 319.10

17. NO. OF ACRES ASSIGNED
TO THIS WELL

319.10

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

500'

19. PROPOSED DEPTH

3500'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6569' GL 6542

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

and appeal pursuant to 43 CFR 3165.4
PROPOSED CASING AND CEMENTING PROGRAM

22. APPROX. DATE WORK WILL START*

23. *GENERAL CONDITIONS AND WORKING ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL CONDITIONS AND WORKING ARE"

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	32.3#	200'	125 cf. circulated
8 3/4"	7"	20.0#	3330'	277 cf cover Ojo Alamo
6 1/4"	5 1/2" liner	15.5#	3500'	do not cement

The Fruitland coal formation will be completed.

A 3000 psi WP and 6000 psi test double gate preventer equipped with
blind and pipe rams will be used for blow out prevention on this well.

This gas is dedicated.

The W/2 of Section 1 is dedicated to this well

RECEIVED
MAY 19 1989
OIL CON. DIV.
DIST. 2

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED [Signature] TITLE Regulatory Affairs DATE 02-21-89

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

holds legal title

or title to this

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the

OPERATIONS PLAN

Well Name : San Juan 31-6 Unit #209

Date: 14-Dec-88

I. Location: 995'S, 830'W, Sec. 1, T-30-N, R-7-W, Rio Arriba Co., NM
Field: Basin Fruitland Coal Elevation ft GL: 6569

II. Geology:

A. Formation Tops:	Surface- San Jose	Fruitland Top-	3350
	Ojo Alamo-	Fruitland Base-	3500
	Kirtland-	Intermediate TD-	3330
	Fruitland Sand-	Total Depth-	3500

B. Logging Program: Mud logs from intermediate to total depth.

III. Drilling:

A: Mud Program: Mud from surface to Total Depth.

IV. Materials:

A. Casing Program:	Hole Size	Depth	Csg. Size	Weight	Grade
	12 1/4"	200	9 5/8"	32.3#	H-40
	8 3/4"	3330	7"	20.0#	K-55
	6 1/4"	3500	5 1/2"	15.5#	K-55

B. Float Equipment: 9 5/8" surface casing - Saw Tooth guide shoe.

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

5 1/2" production liner - 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.

C. Tubing: 3500 of 2 7/8", 6.5#, J-55 8rd EUE tubing with a seating nipple one joint off bottom and expendable check valve on bottom.

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

V. Cementing:

9 5/8" surface casing-use 106 sks. of Class B cement with 1/4# flocele/sk. and 3% calcium chloride(125 cu.ft. of slurry, 100% excess to circulate to surface). WOC 12 hours. Test casing to 600 psi for 30 minutes.

7" intermediate casing-use 82 sks. of 65/35 Class "B" Poz with 6% gel, 2% calcium chloride and 1/2 cu.ft. Perlite/sk. (10.3 gallons of water/sk.) followed by 100 sks. of Class B with 2% calcium chloride (277 cu.ft. of slurry, 100% excess to cover the Ojo Alamo. Run temperature survey at 8 hours. WOC 12 hours. Test casing to 1500 psi for 30 minutes.

5 1/2" liner - Do not cement.

Compiled by: pab

Submit to Appropriate
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, 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 31-6 Unit (SF-079000)		Well No. 209
Unit Letter L	Section 1	Township 30 North	Range 7 West	County Rio Arriba
Actual Footage Location of Well: 2500 feet from the South line and 1120 feet from the West line				
Ground level Elev. 6542'	Producing Formation Fruitland Coal		Pool Basin	Dedicated Acreage: 319.10 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.

Reissued to show moved location

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
Peggy Bradfield

Position
Regulatory Affairs

Company
Meridian Oil Inc.

Date
3-28-89

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.
3-20-89

Date Surveyed
Neale C. Edwards

Signature & Seal of
Professional Surveyor

NEALE C. EDWARDS
Professional Surveyor
Certificate No. 56857

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0