

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-045-27650

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FEB 16 1990

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR ~~PLUG BACK~~

FARMINGTON RESOURCE AREA

1a. TYPE OF WORK DRILL	5. LEASE NUMBER NM-019413
1b. TYPE OF WELL GAS	6. IF INDIAN, ALL. OR TRIBE NAME
2. OPERATOR MERIDIAN OIL INC.	7. UNIT AGREEMENT NAME
3. ADDRESS & PHONE NO. OF OPERATOR P O BOX 4289 FARMINGTON, NM 87499	8. FARM OR LEASE NAME NEWBERRY COM
4. LOCATION OF WELL 1145'S 830'W	9. WELL NO. 101
14. DISTANCE IN MILES FROM NEAREST TOWN 4 MILES E OF LA PLATA	10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE. 830'	11. SEC. T. R. M OR BLK. M SEC. 5 T31N R12W NMPM
16. ACRES IN LEASE 17. ACRES ASSIGNED TO WELL 397.62 W/ 318.36	12. COUNTY SAN JUAN
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DR. 300' COMPL., OR APPLIED FOR ON THIS LEASE.	13. STATE NM
19. PROPOSED DEPTH 2312'	20. ROTARY OR CABLE TOOLS ROTARY
21. ELEVATIONS (DF, FT, GR, ETC.) 5948'GL	22. APPROX. DATE WORK WILL START
23. PROPOSED CASING AND CEMENTING PROGRAM *SEE OPERATIONS PLAN not warrant title or interest held legal or equitable rights or title to this lease.	
24. AUTHORIZED BY:  REG. DRILLING ENGR.	2/15/90 DATE

PERMIT NO.

RECEIVED

APPROVAL DATE

APPROVED
AS AMENDED

APPROVED BY MAR 1 6 1990

TITLE

DATE

OIL CON. DIV.

DIST. 3

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

MAR 12 1990
AREA MANAGER

Hold C-104 FOR CA 2 C2

10-10-10
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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

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FEB 16 1990

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

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

Operator Meridian Oil Inc.			Lease Newberry Com		Well No. 101
Unit Letter M	Section 5	Township 31 North	Range 12 West	County San Juan	
Actual Footage Location of Well: 1145 feet from the South line and 830 feet from the West line					
Ground level Elev. 5948'		Producing Formation Fruitland Coal	Pool Basin Fruitland Coal	Dedicated Acreage: 318.36 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hectare 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 Communitization Agreement Will Be Obtain
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 best of my knowledge and belief.

Peggy Bradford
Signature

Peggy Bradford

Printed Name

Position

Regulatory Affairs

Company

Meridian Oil Inc.

Date

1-10-90

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 & belief.

Date Surveyed

NEALE O. EDWARDS

Signature of Sealer
Professional Surveyor

NEALE O. EDWARDS
REGISTERED LAND SURVEYOR
6857

Certificate No.

6857

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OIL CON. DIV.
DIST. 13

830'

1145'

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600 6930 7260 7590 7920 8250 8580 8910 9240 9570 9900 0

Well Name: 101 NEWBERRY COM 1145'S 830'W
 Sec. 5 T31N R12W SAN JUAN NEW MEXICO
 BASIN FRUITLAND COAL Elevation 5948'GL

Formation tops: Surface- NACIMIENTO
 Ojo Alamo- 526
 Kirtland- 545
 Fruitland- 1920
 Fruitland Coal Top- 2077
 Fruitland Coal Base- 2311
 Total Depth- 2312
 Pictured Cliffs- 2316

Logging Program: Mud logs from 1920 to total depth.

Mud Program:	Interval	Type	Weight	Visc.	Fl. Loss
	0 - 200	Spud	8.4 - 8.9	40-50	no contro.
	200 - 2312	Non-dispersed	8.4 - 9.5	30-60	no contro.

Casing Program:	Hole Size	Depth Interval	Csg. Size	Weight	Grade
	12 1/4"	0 - 200	8 5/8"	24.0#	K-40
	7 7/8"	0 - 2312	5 1/2"	15.5#	K-55
Tubing Program:		0 - 2312	2 3/8"	4.7#	J-55

Float Equipment: 8 5/8" surface casing - saw tooth guide shoe.

5 1/2" production casing - float shoe on bottom.

Three centralizers run every other joint above shoe.

Wellhead Equipment: 8 5/8" x 5 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.

5 1/2" production casing - lead with 358 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. 809 cu ft. of slurry, 100% excess to circulate to surface. Run temperature survey at 8 hours. WOC 12 hours.

Newberry Com #101
1145' FSL, 830' FWL
Sec. 5, T31N, R12W
No New Construction

Map #1

