

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL	5. LEASE NUMBER SE-078285 NM-03187
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 LAMBE COM
4. LOCATION OF WELL 915'N 1330'E	9. WELL NO. 200
10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL	11. SEC. T. R. M OR BLK. B SEC. 21 T31N R10W NMPM
14. DISTANCE IN MILES FROM NEAREST TOWN 6 MILES FROM AZREC	12. COUNTY SAN JUAN
15. DISTANCE FROM PROPOSED LOCATION 915' TO NEAREST PROPERTY OR LEASE LINE.	13. STATE NM
16. ACRES IN LEASE 17. ACRES ASSIGNED TO WELL 958.58 310.41	
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DR. 300' COMPL., OR APPLIED FOR ON THIS LEASE.	19. PROPOSED DEPTH 20. ROTARY OR CABLE TOOLS 2909' ROTARY
21. ELEVATIONS (DF, FT, GR, ETC.) 6149'GL	22. APPROX. DATE WORK WILL START
23. PROPOSED CASING AND CEMENTING PROGRAM *SEE OPERATIONS PLAN	
24. AUTHORIZED BY: <i>[Signature]</i> REG. DIV. <i>[Signature]</i> DIST. 3 <i>[Signature]</i> DATE 4-25-89	

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

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

HOLD 2-104 FOR CA

MOCC

[Signature]

Well Name: 200 LAMBE COM
 Sec. 21 T31N R10W
 BASIN FRUITLAND COAL

915'N 1330'E
 SAN JUAN NEW MEXICO
 Elevation 6149'GL

Formation tops: Surface- NACIMIENTO
 Ojo Alamo- 1235
 Kirtland- 1270
 Fruitland- 2580
 Fruitland Coal Top- 2722
 Fruitland Coal Base- 2909
 Intermediate TD- 2702
 Total Depth- 2909
 Pictured Cliffs- 2910

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 - 2702	Non-dispersed	8.4 - 9.1	30-60	no control
	2702 - 2909	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 - 2702	7"	20.0#	K-55
	6 1/4"	2652 - 2909	5 1/2"	15.5#	K-55
Tubing Program:		0 - 2909	2 7/8"	6.5#	J-55

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 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 106 sacks of class "B" cement with 1/4# flocele/sack 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 - lead with 167 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. 441 lu 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.

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 Lambe Com (NM-03187)		Well No. 200
Unit Letter B	Section 21	Township 31 North	Range 10 West	County San Juan
Actual Footage Location of Well: 915 feet from the North line and 1330 feet from the East line				
Ground level Elev. 6149'	Producing Formation Fruitland Coal		Pool Basin	Dedicated Acreage: 310.41 Acres

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

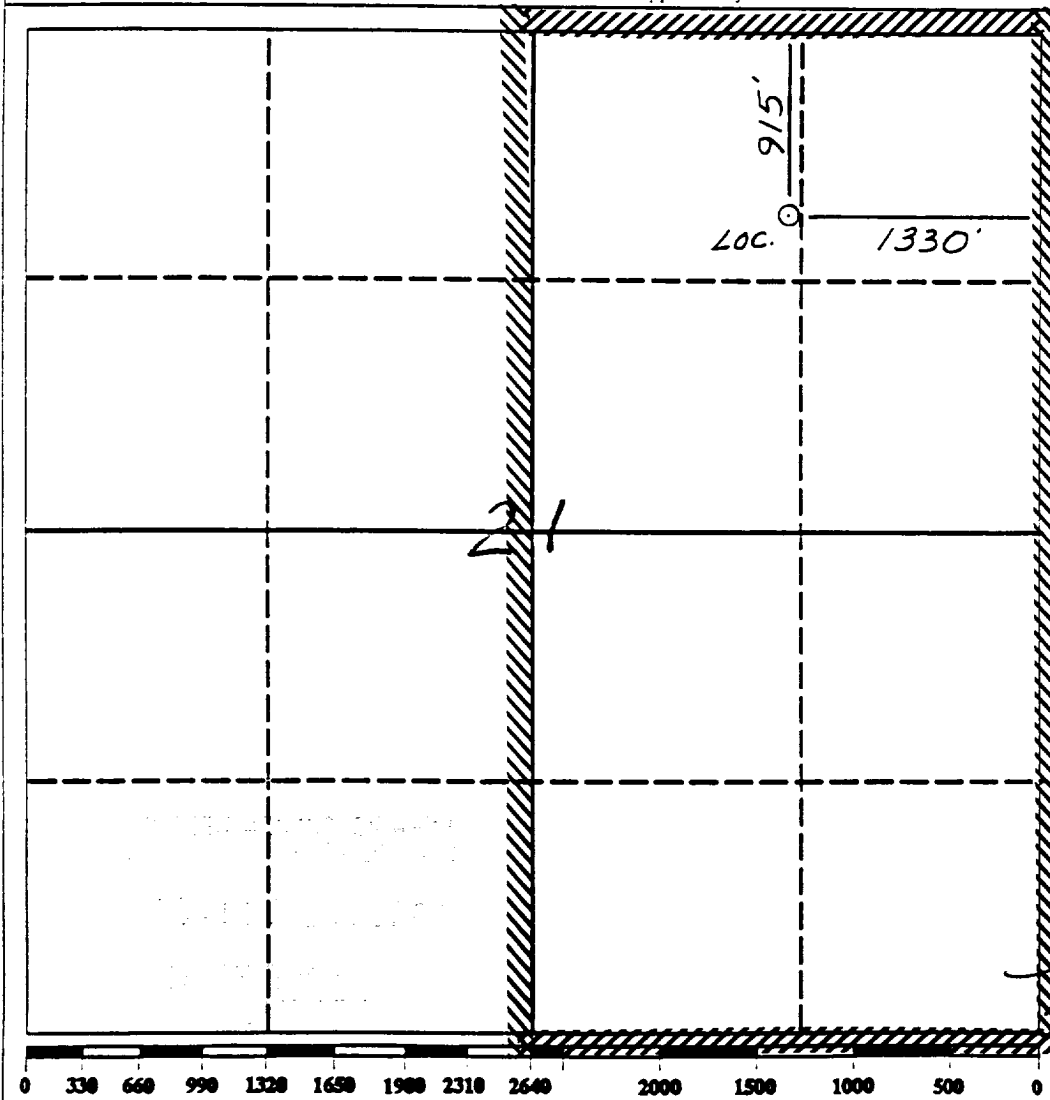
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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 Communitization agreement being

If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) prepared

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
4-25-89

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.

2-22-89

Date Surveyed
Neal E. C. Edwards

Signature of Sealed Professional Surveyor

Certificate No. 6857

