

50-134-24571

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OIL CON. DIV.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG **DIST. 3**

1a. TYPE OF WORK DRILL	5. LEASE NUMBER SF-078766
1b. TYPE OF WELL GAS	6. IF INDIAN, ALL. OR TRIBE NAME
2. OPERATOR MERIDIAN OIL INC.	7. UNIT AGREEMENT NAME ROSA UNIT
3. ADDRESS & PHONE NO. OF OPERATOR P O BOX 4289 FARMINGTON, NM 87499	8. FARM OR LEASE NAME ROSA UNIT
4. LOCATION OF WELL 1040'S 1310'W	9. WELL NO. 260
14. DISTANCE IN MILES FROM NEAREST TOWN 20 MILES FROM GOBERNADOR	10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL
15. DISTANCE FROM PROPOSED LOCATION 1040' TO NEAREST PROPERTY OR LEASE LINE.	11. SEC. T. R. M OR BLK. m SEC. 21 T31N R06W NMPM
16. ACRES IN LEASE 2552.71	12. COUNTY RIO ARRIBA
17. ACRES ASSIGNED TO WELL S/ 320.00	13. STATE NM
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DR. 300' COMPL., OR APPLIED FOR ON THIS LEASE.	19. PROPOSED DEPTH 3225'
21. ELEVATIONS (DF, FT, GR, ETC.) 6350'GL	20. ROTARY OR CABLE TOOLS ROTARY
22. APPROX. DATE WORK WILL START	

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS".

This section is subject to technical and
procedural review pursuant to 43 CFR 3165.4
and appeal pursuant to 43 CFR 3165.4.

23. PROPOSED CASING AND CEMENTING PROGRAM

*SEE OPERATIONS PLAN

24. AUTHORIZED BY:

J. D. Islami
REGULATORY AFFAIRS11/12/89
DATE

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

TITLE _____

DATE _____

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

BMOCD

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

Rosa Unit (SF-078766)

Well No.

260

Unit Letter

Section

Township

Range

County

M

21

31 North

6 West

Rio Arriba

Actual Footage Location of Well:

1040

feet from the

South

line and

1310

feet from the

West

line

Ground level Elev.

6350'

Producing Formation

Fruitland Coal

Pool

Basin

Dedicated Acreage:

320.00

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, 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

Printed Name

J. D. FALCONI

Position

Reg & ENGR

Company

MERIDIAN OIL INC

Date

10/12/89

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. 9-21-89

Date Surveyed

Neale C. Edwards

Signature of Sealed Professional Surveyor

Certificate No.

6857

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OIL CON. DIV.

DIST. 3

1310'

1040'

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

Well Name: 260 ROSA UNIT
 Sec. 21 T31N R06W
 BASIN FRUITLAND COAL

1040'S 1310'W
 RIO ARriba NEW MEXICO
 Elevation 6350'GL

Formation tops: Surface- SAN JOSE
 Ojo Alamo- 2458
 Kirtland- 2561
 Fruitland- 3043
 Fruitland Coal Top- 3119
 Fruitland Coal Base- 3223
 Intermediate TD- 3099
 Total Depth- 3225
 Pictured Cliffs- 3237

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 - 3099	Non-dispersed	8.4 - 9.1	30-60	no control
	3099 - 3225	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 - 3099	7"	20.0#	K-55
	6 1/4"	3049 - 3225	5 1/2"	15.5#	K-55
Tubing Program:		0 - 3225	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.

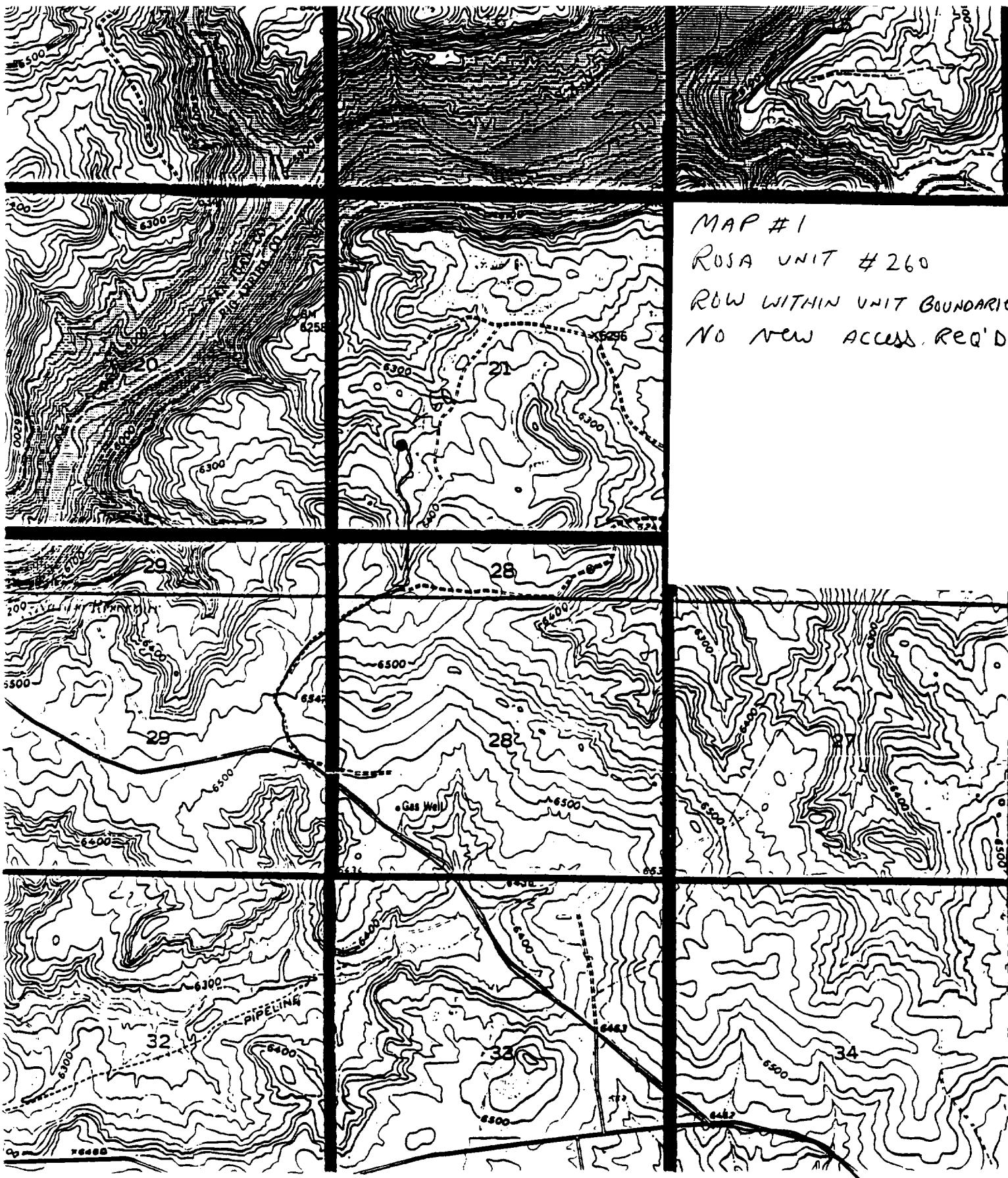
7" intermediate casing - lead with 39 sacks of 65/35 class "B" poz with 6% gel, 2% calcium chloride and 1/2 cu ft. Perlite/sack (10.3 gallons of water/sack) tail with 100 sacks of class "B" with 2% calcium chloride. 193 cu ft. of slurry, 100% excess to cover the Ojo Alamo. Run temperature survey at 8 hours. WOC 12 hours. Test casing to 1500 psi for 30 minutes.

5 1/2" liner - do not cement.

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OIL COAL DIV.



MAP #1
ROSA UNIT #260
ROW WITHIN UNIT BOUNDARIE
NO NEW ACCESS REQ'D