

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-045-28408
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL	5. LEASE NUMBER SF-078765
1b. TYPE OF WELL GAS	6. IF INDIAN, ALL. OR TRIBE NAME
2. OPERATOR MERIDIAN OIL INC. 14538	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 7440
4. LOCATION OF WELL 1765' FSL 655' FWL	9. WELL NO. 261
10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL 71629	11. SEC. T. R. M OR BLK. ✓ SEC. 10 T31N R06W NMPM
14. DISTANCE IN MILES FROM NEAREST TOWN 9 MILES S. OF ALLISON	12. COUNTY RIO ARriba
15. DISTANCE FROM PROPOSED LOCATION 655' TO NEAREST PROPERTY OR LEASE LINE.	13. STATE NM
16. ACRES IN LEASE 2460.23	17. ACRES ASSIGNED TO WELL w/ 320.00
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DR. 5000' COMPL., OR APPLIED FOR ON THIS LEASE.	19. PROPOSED DEPTH 3091'
20. ROTARY OR CABLE TOOLS ROTARY	
21. ELEVATIONS (DF, FT, GR, ETC.) 6291' GL	22. APPROX. DATE WORK WILL START

This action is subject to technical and
procedural review pursuant to 43 CFR 3165.3
and appeal pursuant to 43 CFR 3165.4.

23. PROPOSED CASING AND CEMENTING PROGRAM

*SEE OPERATIONS PLAN

24. AUTHORIZED BY: St. Caldwell
REG. DRILLING ENGR.

RECEIVED

NOV 08 1990

OIL CON. DIV

DIST. 3

8/7/90
DATE

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

Ken Townsend

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

NSL-2883

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

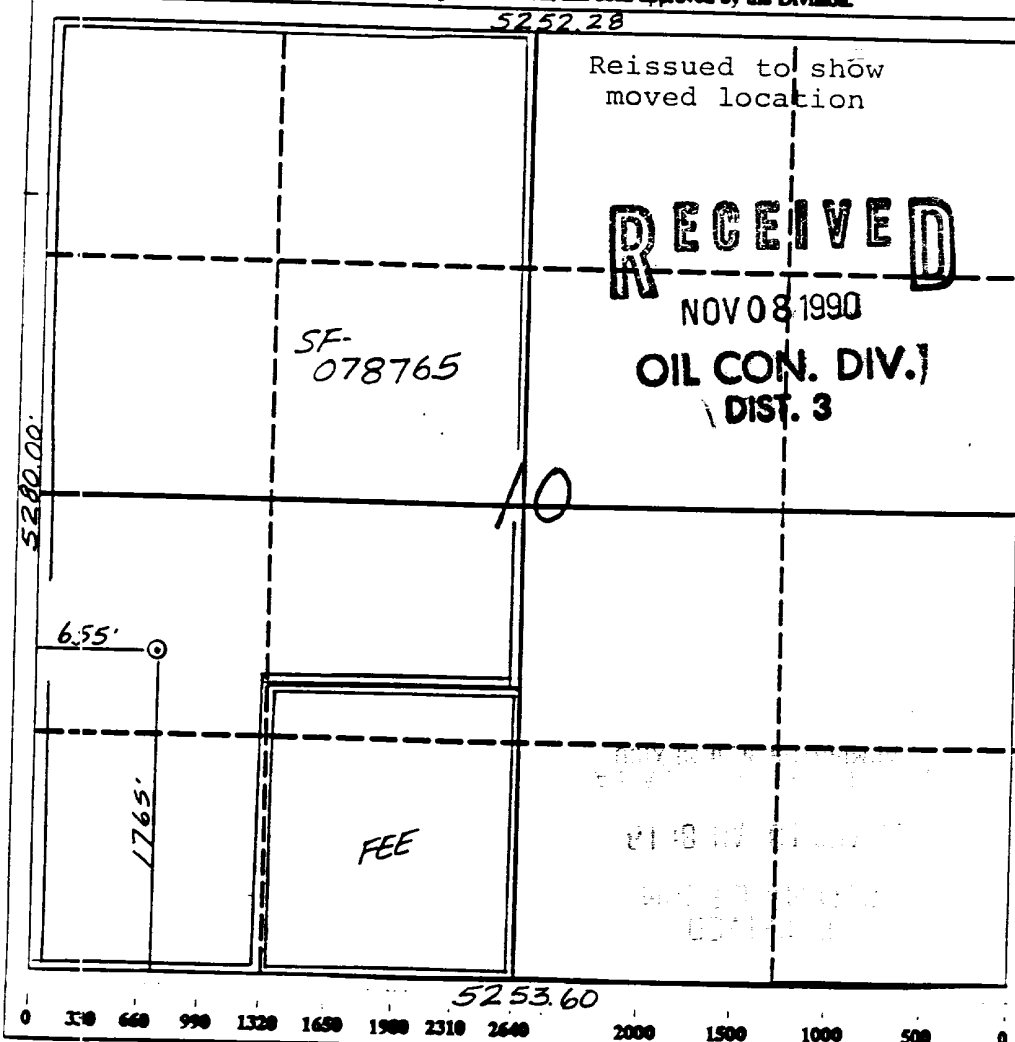
DISTRICT III
1007 Rio Brazos Rd., Aztec, NM 87410

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-078765)		Well No. 261
Unit Letter L	Section 10	Township 31 North	Range 6 West	County San Juan	
Actual Footage Location of Well: 1765 feet from the South line and 655 feet from the West line					
Ground level Elev. 6291'		Producing Formation Fruitland Coal		Pool Basin	
					Dedicated Acreage: 320 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 best of my knowledge and belief.

Signature Peggy Bradfield

Printed Name

Regulatory Affairs

Position

Meridian Oil Inc.

Company

8-7-90

Date

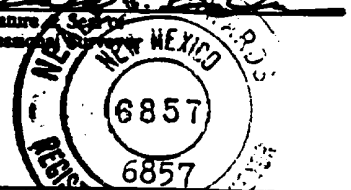
SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

7-25-90

Date Surveyed

Signature of Surveyor
Professional Surveyor



Certificate No.

Neale C. Edwards

Well Name: 261 ROSA UNIT
 Sec. 10 T31N R06W
 BASIN FRUITLAND COAL

1765' FSL 655' FWL
 RIO ARRIBA NEW MEXICO
 Elevation 6291' GL

Formation tops: Surface- SAN JOSE
 Ojo Alamo- 2320
 Kirtland- 2425
 Fruitland- 2915
 Fruitland Coal Top- 2925
 Fruitland Coal Base- 3090
 Pictured Cliffs- 3092

Total Depth- 3091

Logging Program: Mud logs from 2915 to total depth.

Mud Program:	Interval	Type	Weight	Visc.	Fl. Loss
	0 - 200	Spud	8.4 - 8.9	40-50	no contro.
	200 - 3091	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-55
	7 7/8"	0 - 3091	5 1/2"	15.5#	K-55
Tubing Program:		0 - 3091	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.

5 1/2" production casing - float shoe on bottom. Three centralizers run every other joint above shoe. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 2425'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

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 497 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. 1077 cu ft. of slurry, 100% excess to circulate to surface. If hole conditions permit, a 600 ft spacer will be run ahead of the cement slurry to avoid mud contamination of the cement. WOC 12 hours. If cement does not circulate to surface, a temperature log will be run after 8 hours to determine TOC.

Applied for Row

1000

五

6472

