

30-045-2838

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL 1b. TYPE OF WELL GAS 2. OPERATOR MERIDIAN OIL INC. 3. ADDRESS & PHONE NO. OF OPERATOR P O BOX 4289 FARMINGTON, NM 87499 4. LOCATION OF WELL 1875'FSL 1265'FWL	5. LEASE NUMBER SF-078507 6. IF INDIAN, ALL. OR TRIBE NAME 7. UNIT AGREEMENT NAME SAN JUAN 32-9 UNIT 8. FARM OR LEASE NAME SAN JUAN 32-9 UNIT 9. WELL NO. 295 10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL 11. SEC. T. R. M OR BLK. SEC. 26 T32N R10W NMPM
14. DISTANCE IN MILES FROM NEAREST TOWN 2 MILES NE OF CEDAR HILL	12. COUNTY SAN JUAN 13. STATE NM
15. DISTANCE FROM PROPOSED LOCATION 1265' TO NEAREST PROPERTY OR LEASE LINE.	16. ACRES IN LEASE 240.22 17. ACRES ASSIGNED TO WELL w/ 300.76
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DR. 1000' COMPL., OR APPLIED FOR ON THIS LEASE.	19. PROPOSED DEPTH 3778' 20. ROTARY OR CABLE TOOLS ROTARY
21. ELEVATIONS (DF, FT, GR, ETC.) 6952'GL	22. APPROX. DATE WORK WILL START

23. PROPOSED CASING AND CEMENTING PROGRAM

*SEE OPERATIONS PLAN

24. AUTHORIZED BY:

REG. DRILLING ENGR.

RECEIVED

JUL 31 1990

DATE

OIL CON. DIV.

PERMIT NO. _____

APPROVAL DATE **DIST. 3**

APPROVED BY _____

TITLE _____

DATE _____

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

NMOC

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

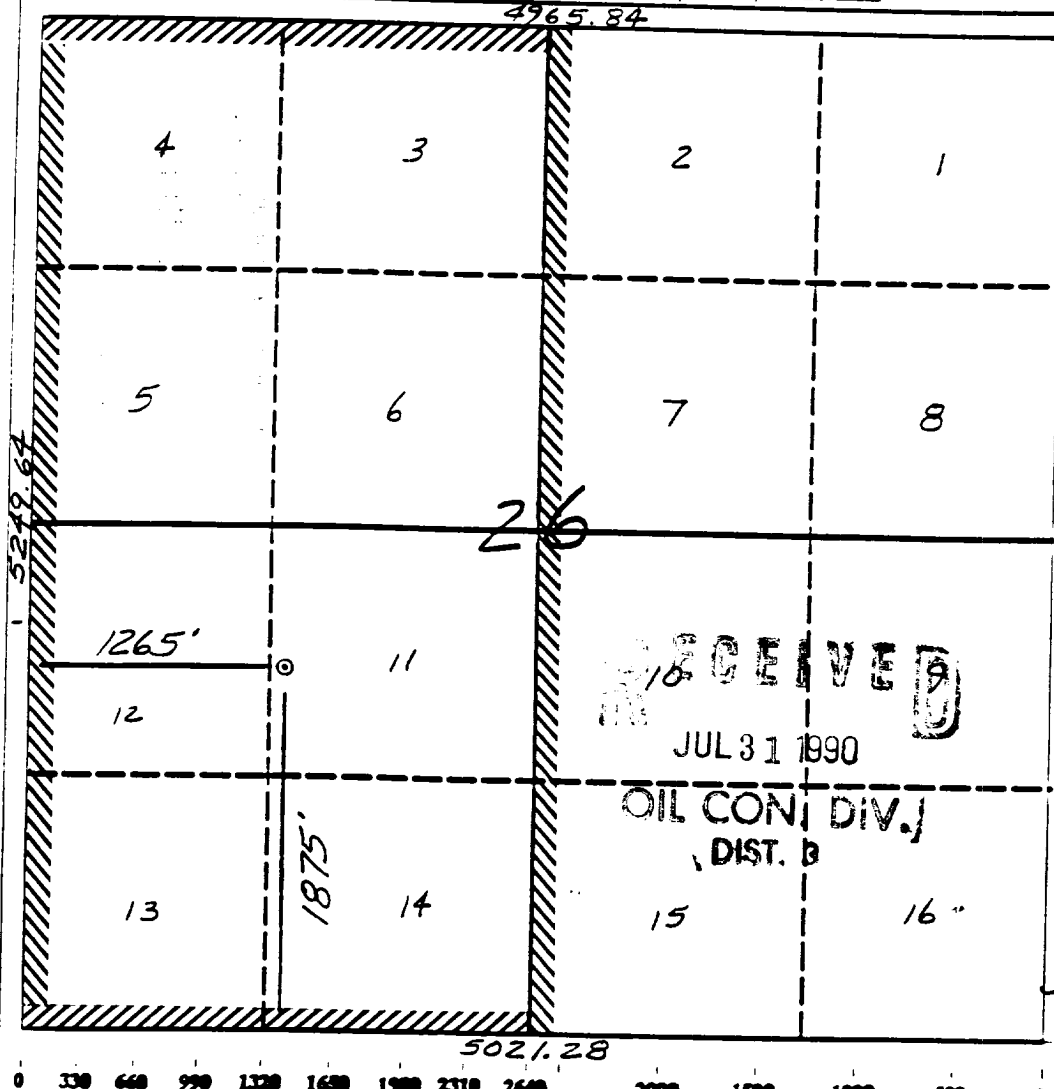
DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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 32-9 Unit (SF-078507)		Well No. 295
Unit Letter K	Section 26	Township 32 North	Range 10 West	County San Juan	
Actual Footage Location of Well: 1875 feet from the South line and 1265 feet from the West line					
Ground level elev. 9952'		Producing Formation Fruitland Coal	Pool Basin	Dedicated Acreage: 300.76 Acres	

- Outline the acreage dedicated to the subject well by colored pencils or facsimile 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 commutation, 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 commutation, 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.

Peggy Bradfield
Signature
Peggy Bradfield

Printed Name
Regulatory Affairs

Position
Meridian Oil Inc.

Company
10-26-90

Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes or 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.

2-25-90
Date Surveyed
NEALE C. EDWARDS
Signature of Seeker
Professional Surveyor 857

REGISTERED LAND SURVEYOR
6857
Certificate No.

Well Name: 295 SAN JUAN 32-9 UNIT
 Sec. 26 T32N R10W
 BASIN FRUITLAND COAL

1875'FSL 1265'FWL
 SAN JUAN NEW MEXICO
 Elevation 6952'GL

Formation tops: Surface- SAN JOSE

Ojo Alamo- 2098

Kirtland- 2203

Fruitland- 3363

Fruitland Coal Top- 3521

Fruitland Coal Base- 3775

Pictured Cliffs- 3788

Intermediate TD- 3501

Total Depth- 3778

Logging Program: Mud logs from intermediate to total depth.

Mud Program:	Interval	Type	Weight	Visc.	Fl. Loss
	0 - 500	Spud	8.4 - 8.9	40-50	no control
	500 - 3501	Non-dispersed	8.4 - 9.1	30-60	no control
	3501 - 3778	Formation Water	8.4		no control

Casing Program:	Hole Size	Depth Interval	Csg. Size	Weight	Grade
	12 1/4"	0 - 500	9 5/8"	32.3#	H-40
	8 3/4"	0 - 3501	7"	20.0#	K-55
	6 1/4"	3451 - 3778	5 1/2"	15.5#	K-55
Tubing Program:		0 - 3778	2 7/8"	6.5#	J-55

Float Equipment: 9 5/8" surface casing - saw tooth guide shoe. Centralizers will be run in accordance with Onshore Order #2.

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. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 2203'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

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 399 sacks of class "B" cement with 1/4# flocele/sack and 3% calcium chloride (470 cu ft. of slurry, 200% excess to circulate to surface). WOC 12 hours. Test casing to 600 psi for 30 minutes.

7" intermediate casing - lead with 524 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. 1131 cu ft. of slurry, 110% 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.

5 1/2" liner - do not cement.

BLM Lands

Applied
for ROW
SS 32-9
Unit #291

San Juan 32-9 Unit

San Juan 32-9 Unit

San Juan 32-9 Unit

San Juan 32-9 Unit #295
T 32N, R 10W

No New Construction

20,500' existing BLM
located within
Unit boundaries

Remaining roads on
State, SS 32-9 #291
applied for ROW and
existing ROW

MAD #1

Mount Nebo

MESA

CANYON

Spring