

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-045-27900

JUN 13 1990 2:06

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL	5. LEASE NUMBER SF-078504
1b. TYPE OF WELL GAS	6. IF INDIAN, ALL. OR TRIBE NAME
2. OPERATOR MERIDIAN OIL INC.	7. UNIT AGREEMENT NAME SAN JUAN 32-9 UNIT
3. ADDRESS & PHONE NO. OF OPERATOR P O BOX 4289 FARMINGTON, NM 87499	8. FARM OR LEASE NAME SAN JUAN 32-9 UNIT
4. LOCATION OF WELL 1105'FNL 800'FEL	9. WELL NO. 286
10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL	11. SEC. T. R. M OR BLK. A SEC. 14 T32N R10W NMPM
14. DISTANCE IN MILES FROM NEAREST TOWN 8 MILES NE OF CEDAR HILL	12. COUNTY SAN JUAN
	13. STATE NM
15. DISTANCE FROM PROPOSED LOCATION 800' TO NEAREST PROPERTY OR LEASE LINE.	16. ACRES IN LEASE 17. ACRES ASSIGNED TO WELL E/302.52
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DR. 800' COMPL., OR APPLIED FOR ON THIS LEASE.	19. PROPOSED DEPTH 20. ROTARY OR CABLE TOOLS 3484' ROTARY
21. ELEVATIONS (DF, FT, GR, ETC.) 6724'GL	22. APPROX. DATE WORK WILL START
23. PROPOSED CASING AND CEMENTING PROGRAM *SEE OPERATIONS PLAN	
24. AUTHORIZED BY: <i>Danny Boone for JWC</i> REG. DRILLING ENGR.	

RECEIVED
JUN 25 1990

OIL CON. DIV.
DIST. 3
5-8-90
DATE

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

APPROVED

JUN 14 1990

AREA MANAGER

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

Submit to Assignments
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

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, Artesa, NM 88210

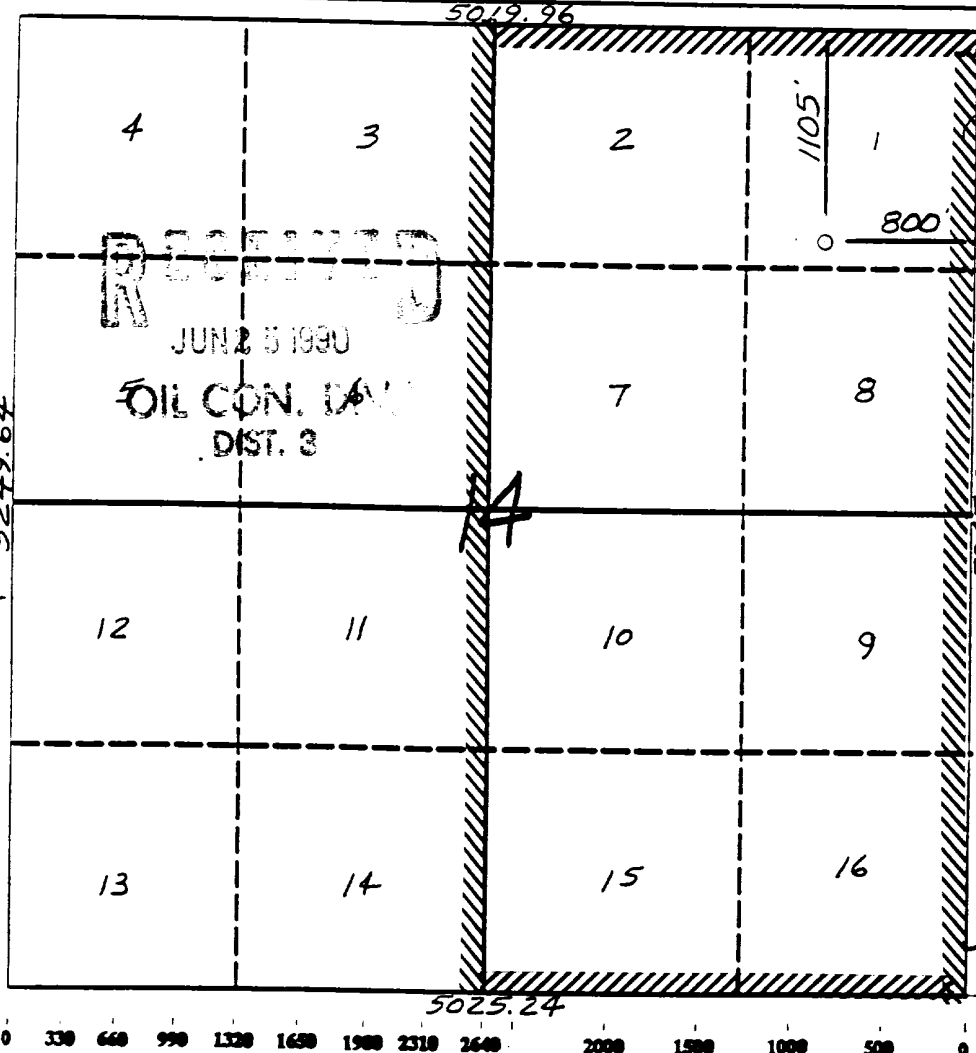
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Meridian Oil Inc.			Lease San Juan (SF-078504) 32-9 Unit		Well No. 286
Unit Lease A	Section 14	Township 32 North	Range 10 West	County NMNM San Juan	
Actual Footage Location of Well: 1105 feet from the North line and 800 feet from the East line					
Ground Level Elev. 6724'	Producing Formation Fruitland Coal		Pool Basin	Dedicated Acreage: 302.52 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or lacquer 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, forced-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, 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
5-8-90

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.

Date Surveyed
Neal C. Edwards

Signature of Surveyor
Professional Surveyor

REGISTERED LAND SURVEYOR

Certificate No.

6857

Well Name: 286 SAN JUAN 32-9 UNIT
 Sec. 14 T32N R10W
 BASIN FRUITLAND COAL

1105'FNL 800'FEL
 SAN JUAN NEW MEXICO
 Elevation 6724'GL

Formation tops: Surface- SAN JOSE

Ojo Alamo- 1678

Kirtland- 1810

Fruitland- 3090

Fruitland Coal Top- 3196

Fruitland Coal Base- 3482

Pictured Cliffs- 3490

Intermediate TD- 3176

Total Depth- 3484

Logging Program: Mud logs from intermediate to total depth.

Mud Program:	Interval	Type	Weight	Visc.	Fl. Loss
	0 - 400	Spud	8.4 - 8.9	40-50	no control
	400 - 3176	Non-dispersed	8.4 - 9.1	30-60	no control
	3176 - 3484	Formation Water	8.4		no control

Casing Program:	Hole Size	Depth Interval	Csg. Size	Weight	Grade
	12 1/4"	0 - 400	9 5/8"	32.3#	H-40
	8 3/4"	0 - 3176	7"	20.0#	K-55
	6 1/4"	3126 - 3484	5 1/2"	15.5#	K-55
Tubing Program:		0 - 3484	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 and four centralizers run every other joint across Ojo Alamo. Run insert float one joint above the guide shoe. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 1810'. 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 319 sacks of class "B" cement with 1/4# flocele/sack and 3% calcium chloride (376 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 468 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. 1023 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.

Section 32-9 Unit #291

T 31N, R 9W

100' New Construction
8500' of existing BLM roads, all located within
Unit boundaries
All remaining existing roads located on fee, state applied for ROW and existing ROW and

800' S2SW Section 7, T32N, R9W existing BLM roads off lease

