

30-045-28102

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 1170' FNL 1700' FEL	5. LEASE NUMBER SF-078504 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. 288 10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL 11. SEC. T. R. M OR BLK. <u>B</u> SEC. 23 T32N R10W NMPM
14. DISTANCE IN MILES FROM NEAREST TOWN 4 miles cedar hill 15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE. 1170' 18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DR. COMPL., OR APPLIED FOR ON THIS LEASE. 300' 21. ELEVATIONS (DF, FT, GR, ETC.) 6867' GL	12. COUNTY SAN JUAN 13. STATE NM 16. ACRES IN LEASE 2430.36 17. ACRES ASSIGNED TO WELL 300.92 This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4. 19. PROPOSED DEPTH 3656' 20. ROTARY OR CABLE TOOLS ROTARY DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS". 22. APPROX. DATE WORK WILL START

23. PROPOSED CASING AND CEMENTING PROGRAM

*SEE OPERATIONS PLAN

24. AUTHORIZED BY: [Signature]
REG. DRILLING ENGR

AUG 08 1990

RECEIVED
OIL CON. DIV.
DIST. 3

7/18/90
DATE

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

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

NMOC D

Submit to Appropriate
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, 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 (SF-078504) San Juan 32-9 Unit		Well No. 288
Unit Letter B	Section 23	Township 32 North	Range 10 West	County NMNM San Juan	
Actual Footage Location of Well: 1170' feet from the North line and 1700' feet from the East line					
Ground level Elev. 6867'	Producing Formation Fruitland Coal		Pool Basin	Dedicated Acreage: 300.92 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure 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, 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, 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 best of my knowledge and belief.

Signature
Peggy Bradfield

Printed Name
Regulatory Affairs

Position
Meridian Oil Inc.

Company
7-18-90

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
3-31-90

Signature
Professional Surveyor

NEALE C. EDWARDS
6857
6857
REGISTERED LAND SURVEYOR

Certificate No.
Neale C. Edwards

RECEIVED

AUG 08 1990

OIL CON. DIV.
DIST. 3

23

5249.64'

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

Well Name: 288 SAN JUAN 32-9 UNIT
 Sec. 23 T32N R10W
 BASIN FRUITLAND COAL

1170'FNL 1700'FEL
 SAN JUAN NEW MEXICO
 Elevation 6867'GL

Formation tops: Surface- SAN JOSE

Ojo Alamo- 1518

Kirtland- 1620

Fruitland- 3227

Fruitland Coal Top- 3395

Fruitland Coal Base- 3653

Pictured Cliffs- 3666

Intermediate TD- 3375

Total Depth- 3656

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 contro.
	200 - 3375	Non-dispersed	8.4 - 9.1	30-60	no contro.
	3375 - 3656	Formation Water	8.4		no contro.

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 - 3375	7"	20.0#	K-55
	6 1/4"	3325 - 3656	5 1/2"	15.5#	K-55
Tubing Program:		0 - 3656	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 @ 1620'. 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 160 sacks of class "B" cement with 1/4# flocele/sack and 3% calcium chloride (189 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 496 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. 1075 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.

Applied
for ROW

ADO

247

50' 248

4

300' New Construction

20,700' existing BLM roads
located within
unit boundaries

San Juan 32-9 Unit

Existing BLM
Roads in Unit

5J 32-9 #285

5 J 32-9 H 228

Applied for ROW
and Fee Lands.

Don't even say a word.