

30-045-27994

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 2495' FSL 790' FWL 14. DISTANCE IN MILES FROM NEAREST TOWN 7 MILES SE OF CEDAR HILL 15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE. 790' 18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DR. 1900' COMPL., OR APPLIED FOR ON THIS LEASE. 21. ELEVATIONS (DF, FT, GR, ETC.) 6662' GL	5. LEASE NUMBER SF-078438 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. 267 10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL 11. SEC. T. R. M OR BLK. SEC. 18 T31N R09W NMPM 12. COUNTY SAN JUAN 13. STATE NM 16. ACRES IN LEASE 17. ACRES ASSIGNED TO WELL w/201.47 DRILLING AND CEMENTING ARE SPECIALLY INSPECTED AND ATTACHED TO THE PERMIT RECORD. 19. PROPOSED DEPTH 20. ROTARY OR CABLE TOOLS 3477' ROTARY This action is subject to technical and procedural review pursuant to 43 CFR 3163.3 and appeal pursuant to 43 CFR 3165.4. 22. APPROX. DATE WORK WILL START
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23. PROPOSED CASING AND CEMENTING PROGRAM

*SEE OPERATIONS

RECEIVED

JUL 16 1990

24. AUTHORIZED BY: 

REG. DRILLING ENGR **OIL CON. DIV.**
DIST. 3

6/7/90
DATE

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

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

Handwritten notes:
10-1-100 6-1-100 4-1-100
10-1-100 6-1-100 4-1-100

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 1-1-80

OIL CONSERVATION DIVISION

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT II
P.O. Drawer DD, Arama, 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-078438) San Juan 32-9 Unit		Well No. 267
Unit Lease K	Section 18	Township 31 North	Range 9 West	County San Juan	
Actual Footage Location of Well: 2495 feet from the South line and 790 feet from the West line					
Ground level Elev. 6662'		Producing Formation Fruitland Coal Basin		Dedicated Acreage 201.47 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or ink on the plat below.

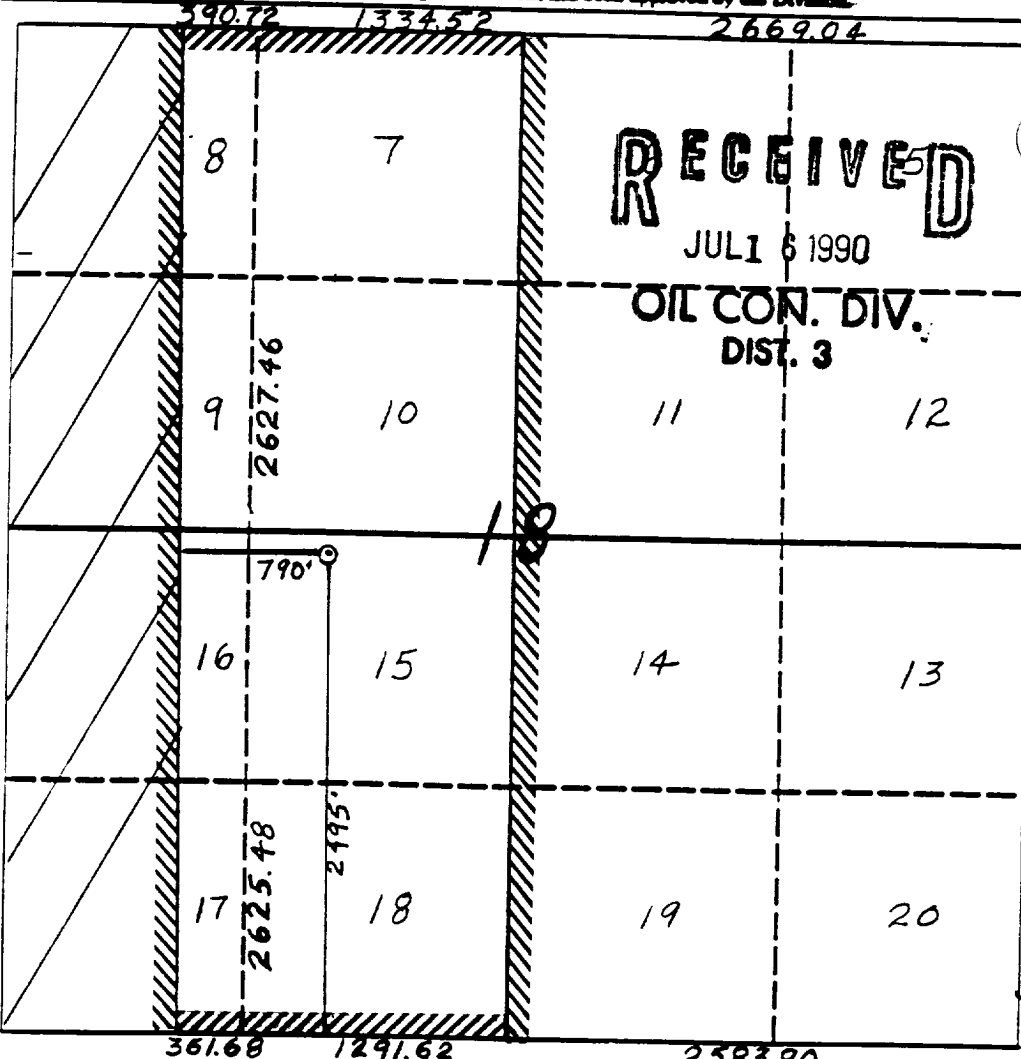
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by 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 well 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.

Signature: *Peggy Bradfield*

Printed Name: Peggy Bradfield

Position: Regulatory Affairs

Company: Meridian Oil Inc.

Date: 6-6-90

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Well Name: 267 SAN JUAN 32-9 UNIT
 Sec. 18 T31N R09W
 BASIN FRUITLAND COAL

2495'FSL 790'FWL
 SAN JUAN NEW MEXICO
 Elevation 6662'GL

Formation tops: Surface- SAN JOSE

Ojo Alamo- 1885

Kirtland- 1941

Fruitland- 3128

Fruitland Coal Top- 3166

Fruitland Coal Base- 3475

Pictured Cliffs- 3479

Intermediate TD- 3146

Total Depth- 3477

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 - 3146	Non-dispersed	8.4 - 9.1	30-60	no control
	3146 - 3477	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 - 3146	7"	20.0#	K-55
	6 1/4"	3096 - 3477	5 1/2"	15.5#	K-55
Tubing Program:		0 - 3477	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 @ 1941'. 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.

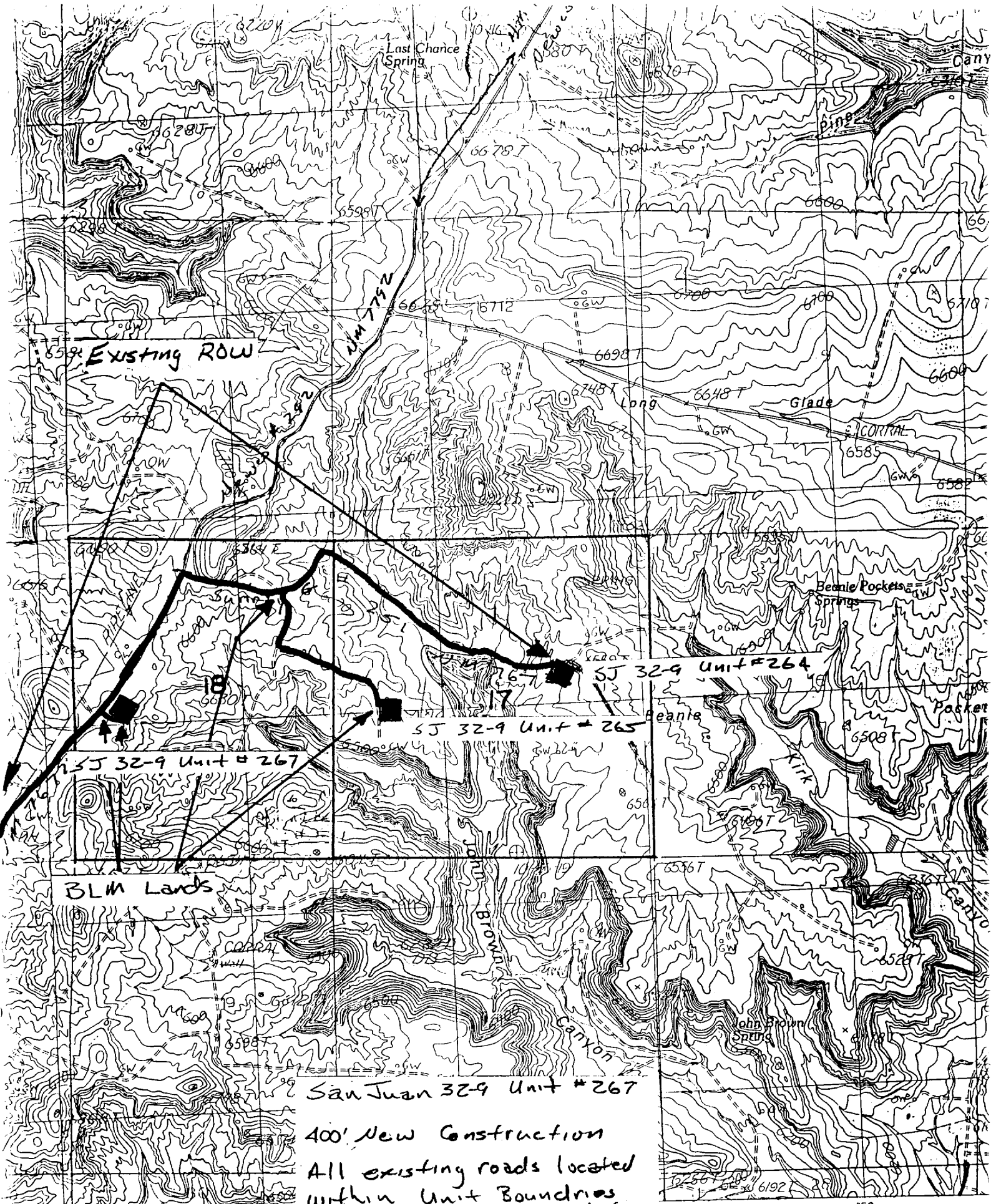
Wellhead Equipment: 9 5/8" x 7" x 2 7/8" x 11" 3000 psi xmas tree assembly.

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 458 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. 1003 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.



San Juan 32-9 Unit #267

400' New Construction
All existing roads located
within Unit Boundries
and are on Fee, State
or Existing ROW

MAD #1

NEW MEXICO