

30-045-28/28

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL	5. LEASE NUMBER SF-078507
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 1605'FNL 1060'FEL	9. WELL NO. 268
10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL	11. SEC. T. R. M OR BLK. 4 SEC. 1 T31N R10W NMPM
14. DISTANCE IN MILES FROM NEAREST TOWN 4 miles east cedar hill	12. COUNTY SAN JUAN
15. DISTANCE FROM PROPOSED LOCATION 1060' TO NEAREST PROPERTY OR LEASE LINE.	13. STATE NM
16. ACRES IN LEASE 2403.26	17. ACRES ASSIGNED TO WELL E/ 292.63
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DR. 500' COMPL., OR APPLIED FOR ON THIS LEASE.	19. PROPOSED DEPTH 3464'
20. ROTARY OR CABLE TOOLS ROTARY	21. APPROX. DATE WORK WILL START
22. ELEVATIONS (DF, FT, GR, ETC.) 6624'GL	23. APPROX. DATE WORK WILL START

This action is subject to technical and procedural review pursuant to 43 CFR 3162.2 and 43 CFR 3165.2.

DRILLING OPERATIONS ACTIVITIES ARE SUBJECT TO COMPLYING WITH ATTACHED "GENERAL REQUIREMENTS".

23. PROPOSED CASING AND CEMENTING PROGRAM

*SEE OPERATIONS PLAN

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

7/19/90
DATE

PERMIT NO. **RECEIVED** APPROVAL DATE

APPROVED BY AUG 13 1990 TITLE DATE

OIL CON. DIV.,

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

406 00 1990
AREA MANAGER

NMOCD

2022-2023

2022-2023
2022-2023
2022-2023
2022-2023

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 1-1-8

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

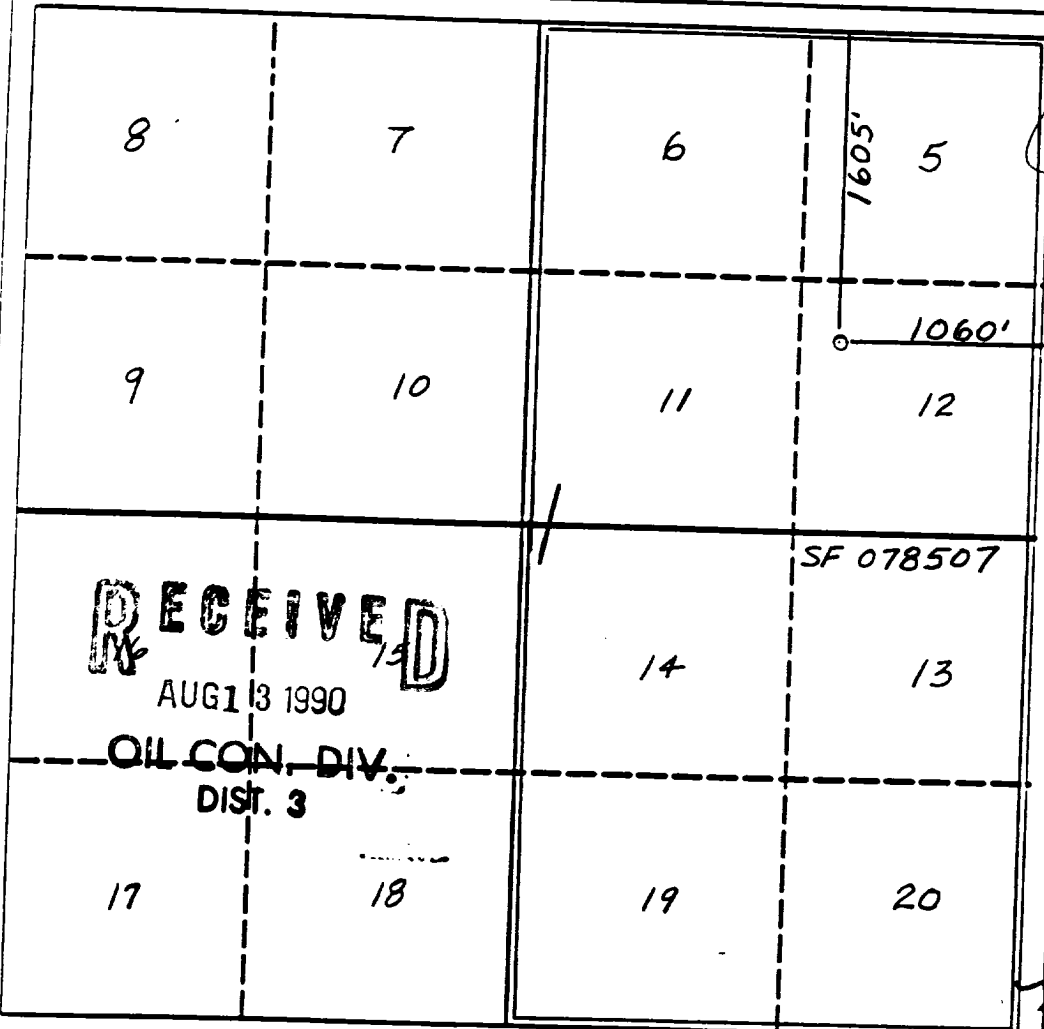
1000 Rio Brazos Rd., Aztec, NM 87410

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 (SF-078507)		Well No. 268
Unit Letter H	Section 1	Township 31 North	Range 10 West	County San Juan	
Actual Footage Location of Well: 1605 feet from the North line and 1060 feet from the East line					
Ground level Elev. 6624'		Producing Formation Fruitland Coal		Pool Basin	
Dedicated Acreage 292.63					Acre

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 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 the best of my knowledge and belief.

Peggy Bradfield
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 supervision, and that the same is true correct to the best of my knowledge and belief.

3-14-90
Date Surveyed

NEALE C. EDWARDS
Signature of Surveyor

Professional Surveyor

REGISTERED LAND SURVEYOR
6857

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

Well Name: 268 SAN JUAN 32-9 UNIT
 Sec. 1 T31N R10W
 BASIN FRUITLAND COAL
 1605'FNL 1060'FEL
 SAN JUAN NEW MEXICO
 Elevation 6624'GL

Formation tops: Surface- SAN JOSE

Ojo Alamo- 1844

Kirtland- 1945

Fruitland- 2985

Fruitland Coal Top- 3169

Fruitland Coal Base- 3459

Pictured Cliffs- 3482

Intermediate TD- 3149

Total Depth- 3464

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 contro.
	400 - 3149	Non-dispersed	8.4 - 9.1	30-60	no contro.
	3149 - 3464	Formation Water	8.4		no contro.

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 - 3149	7"	20.0#	K-55
	6 1/4"	3099 - 3464	5 1/2"	15.5#	K-55
Tubing Program:		0 - 3464	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 @ 1945'. 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.

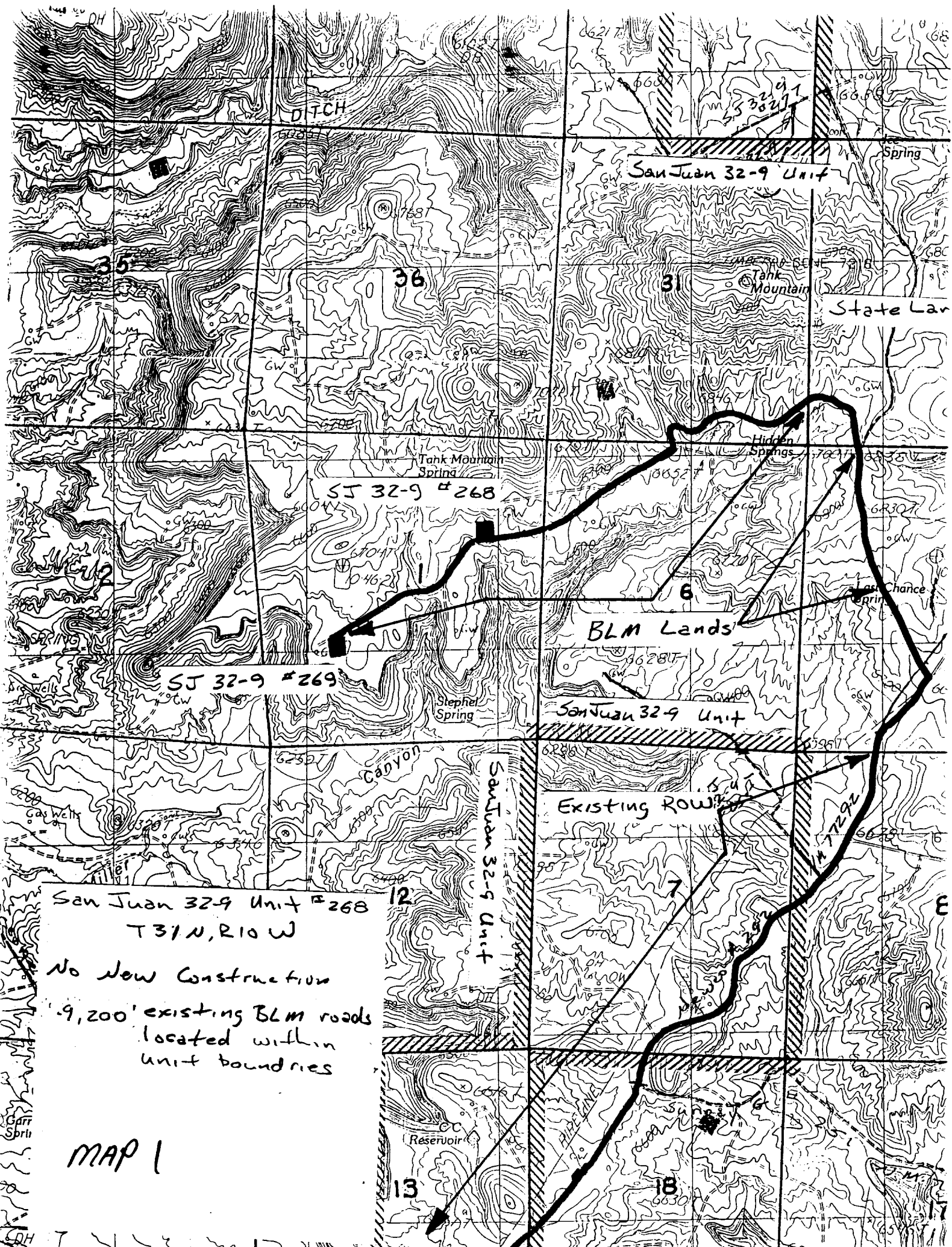
Wellhead Equipment: 9 5/8" x 7" x 2 7/8" x 11" 3000 psi xmas tree assembly.

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 464 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. 1014 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 #268
T31N, R10W

No New Construction
'9,200' existing BLM roads
located within
unit boundaries

MAP 1