

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-078386
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 2475' FSL 915' FWL	9. WELL NO. 265
10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL	11. SEC. T. R. M OR BLK. SEC. 17 T31N R09W NMPM
14. DISTANCE IN MILES FROM NEAREST TOWN 9 MILES FROM AZTEC	12. COUNTY SAN JUAN
	13. STATE NM
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE. 915'	16. ACRES IN LEASE 17. ACRES ASSIGNED TO WELL w/ 313.79
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DR. COMPL., OR APPLIED FOR ON THIS LEASE. 700'	19. PROPOSED DEPTH 20. ROTARY OR CABLE TOOLS 3350' ROTARY
21. ELEVATIONS (DF, FT, GR, ETC.) 6529' GL	22. APPROX. DATE WORK WILL START
23. PROPOSED CASING AND CEMENTING PROGRAM	

*SEE OPERATIONS PLAN

24. AUTHORIZED BY: *[Signature]*

REG. DRILLING ENGR.

RECEIVED

JUL 16 1990

OIL CON. DIV.

DIST. 3

6/1/90
DATE

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

TITLE _____

DATE _____

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

10000

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

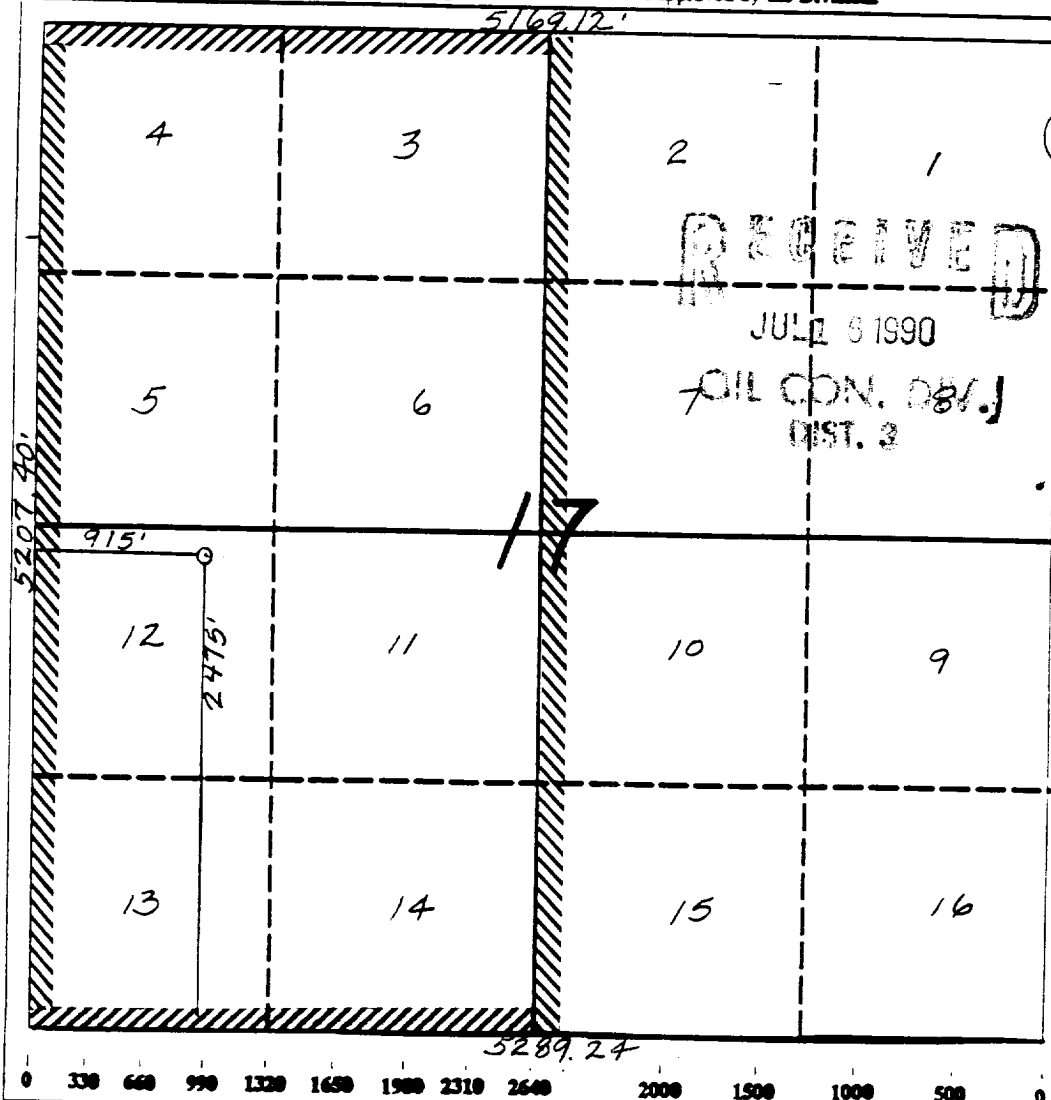
All Distances must be from the outer boundaries of the section

Operator Meridian Oil Inc.			Lease (SF-078386) San Juan 32-9 Unit		Well No. 265
Unit Letter L	Section 17	Township 31 North	Range 9 West	County San Juan	
Actual Footage Location of Well: 2475 feet from the South line and 915 feet from the West line					
Ground level Elev. 6529'	Producing Formation Fruitland Coal		Pool Basin	Dedicated Acreage: 313.79 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or inkline marks 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, 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 Bradford

Printed Name **Peggy Bradford**

Position **Regulatory Affairs**

Company **Meridian Oil Inc.**

Date **6-1-90**

Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of 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 **4-4-90**

Signature Neale C. Edwards
Professional Surveyor

NEW MEXICO
REGISTERED LAND SURVEYOR
6857
Neale C. Edwards

Well Name: 265 SAN JUAN 32-9 UNIT
 Sec. 17 T31N R09W
 BASIN FRUITLAND COAL

2475' FSL 915' FWL
 SAN JUAN NEW MEXICO
 Elevation 6529' GL

Formation tops: Surface- SAN JOSE

Ojo Alamo- 2041

Kirtland- 2083

Fruitland- 2969

Fruitland Coal Top- 3163

Fruitland Coal Base- 3347

Pictured Cliffs- 3358

Intermediate TD- 3143

Total Depth- 3350

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 - 3143	Non-dispersed	8.4 - 9.1	30-60	no control
	3143 - 3350	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 - 3143	7"	20.0#	K-55
	6 1/4"	3093 - 3350	5 1/2"	15.5#	K-55
Tubing Program:		0 - 3350	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 @ 2083'. 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.

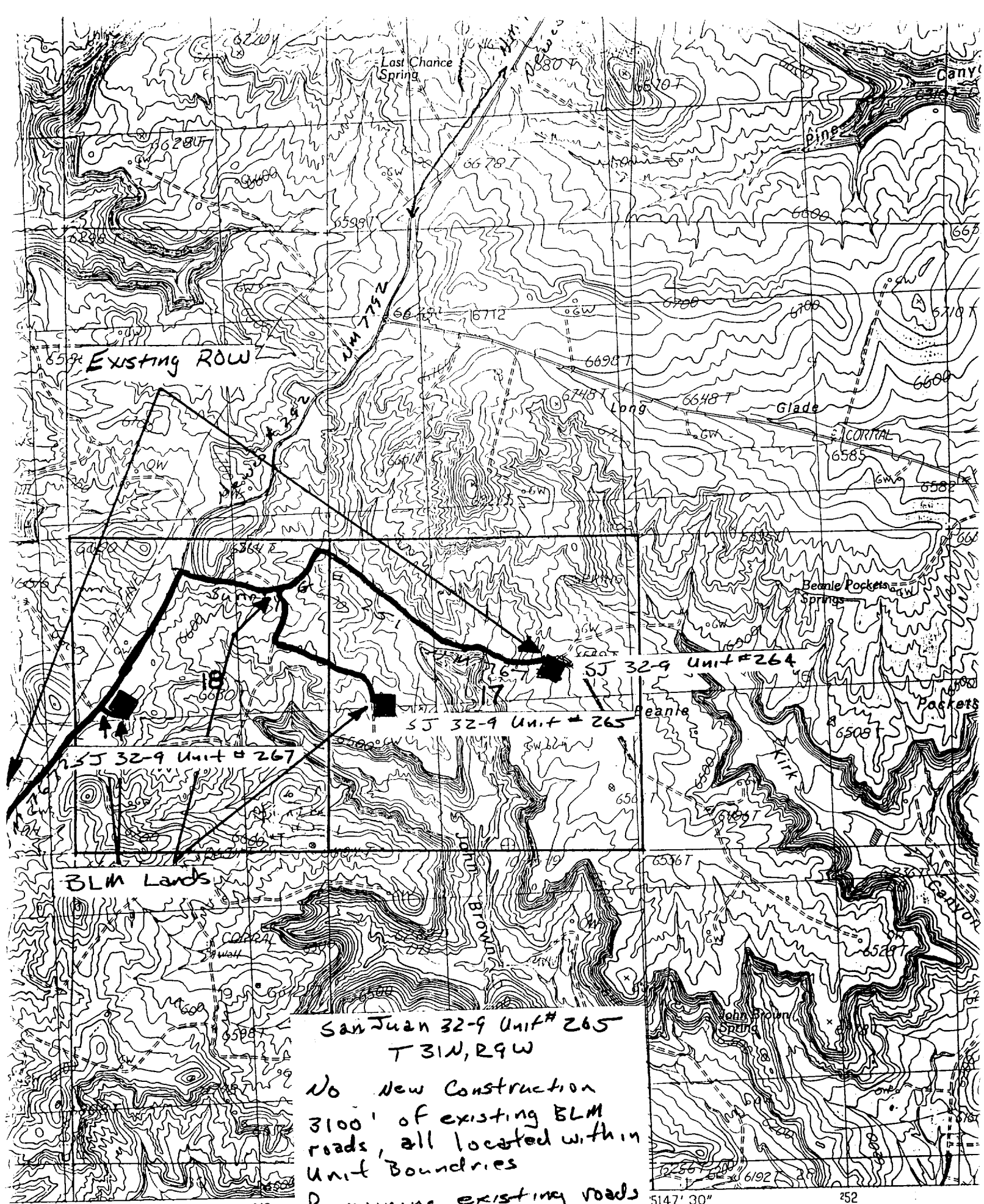
Wellhead Equipment: 9 5/8" x 7" x 2 7/8" x 11" 3000 psi xmas tree assembly.

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. 1002 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# 265
T 31N, R 9W

No New Construction
3100' of existing BLM
roads, all located within
Unit Boundaries
Remaining existing roads
on Fee, State or approved
BLM ROW MAP #1