

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-045-27897

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL	5. LEASE NUMBER SF-080376
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 2200' FSL 1275' FWL	9. WELL NO. 259
14. DISTANCE IN MILES FROM NEAREST TOWN 6 MILES SE OF CEDAR HILL	10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL
15. DISTANCE FROM PROPOSED LOCATION 1275' TO NEAREST PROPERTY OR LEASE LINE.	11. SEC. T. R. M OR BLK. L SEC. 9 T31N R09W NMPM
16. ACRES IN LEASE 17. ACRES ASSIGNED TO WELL w/ 314.92	12. COUNTY SAN JUAN
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DR. 800' COMPL., OR APPLIED FOR ON THIS LEASE.	13. STATE NM
19. PROPOSED DEPTH 3499'	20. ROTARY OR CABLE TOOLS ROTARY
21. ELEVATIONS (DF, FT, GR, ETC.) 6638' GL	22. APPROX. DATE WORK WILL START
23. PROPOSED CASING AND CEMENTING PROGRAM *SEE OPERATIONS PLAN	
24. AUTHORIZED BY: <u>Danny Boone for JWC</u> 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 Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-182
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

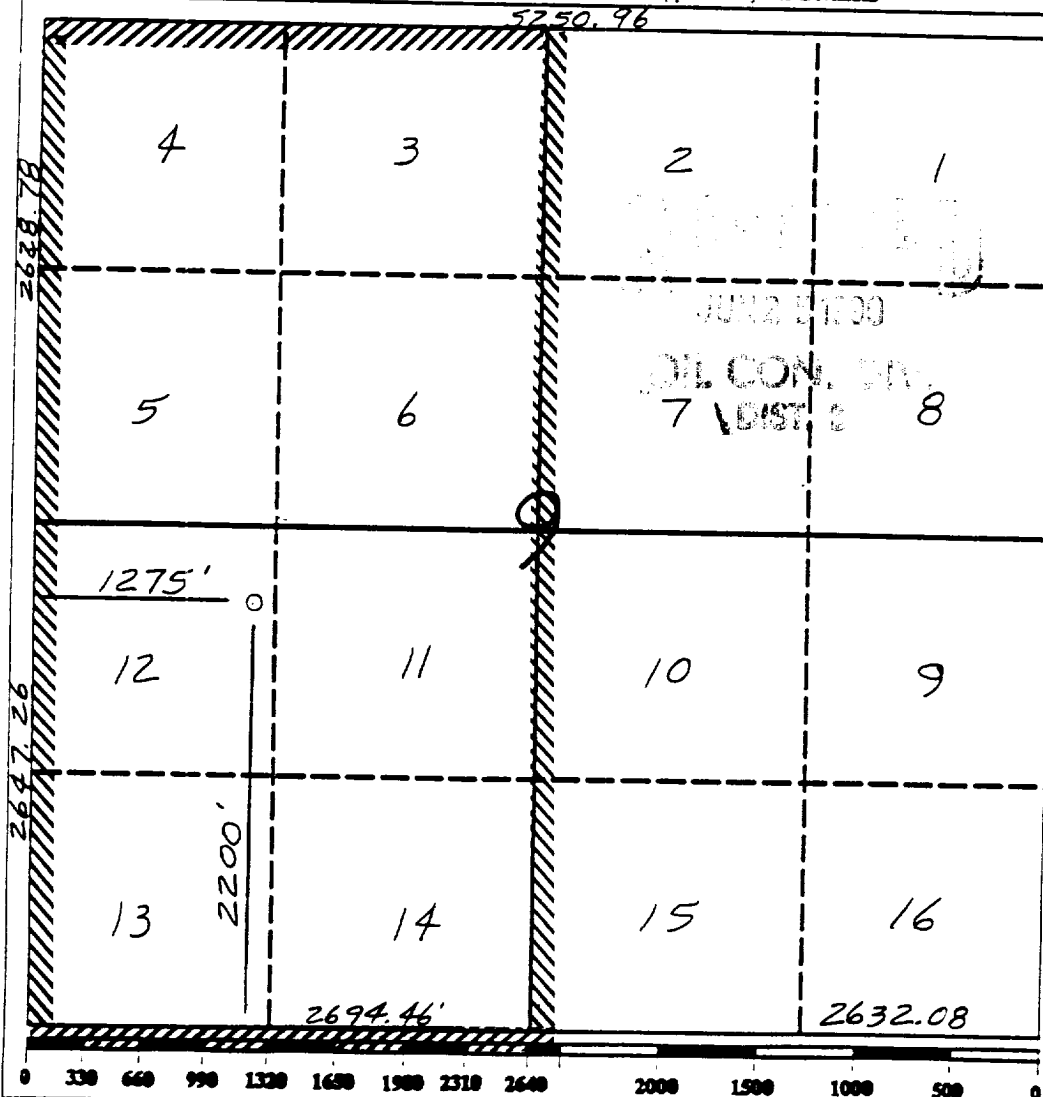
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Meridian Oil Inc.			Lease San Juan 32-9 Unit (SF-080376)		Well No. 259
Unit Letter L	Section 9	Township 31 North	Range 9 West	County San Juan	
Actual Footage Location of Well: 2200 feet from the South line and 1275 feet from the West line					
Ground level Elev. 6638'		Producing Formation Fruitland Coal	Pool Basin	Dedicated Acreage: 314.92 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hectare 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, 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
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 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. 3-21-90

Date Surveyed

Signature
Professional Surveyor

NEALE C. EDWARDS
6857
6857
REGISTERED LAND SURVEYOR

Certificate

Neale C. Edwards

Well Name: 259 SAN JUAN 32-9 UNIT
 Sec. 9 T31N R09W
 BASIN FRUITLAND COAL

2200' FSL 1275' FWL
 SAN JUAN NEW MEXICO
 Elevation 6638' GL

Formation tops: Surface- SAN JOSE
 Ojo Alamo- 2142
 Kirtland- 2197
 Fruitland- 3128
 Fruitland Coal Top- 3309
 Fruitland Coal Base- 3496
 Intermediate TD- 3289
 Total Depth- 3499
 Pictured Cliffs- 3502

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 - 3289	Non-dispersed	8.4 - 9.1	30-60	no contro.
	3289 - 3499	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 - 3289	7"	20.0#	K-55
	6 1/4"	3239 - 3499	5 1/2"	15.5#	K-55
Tubing Program:		0 - 3499	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.

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.

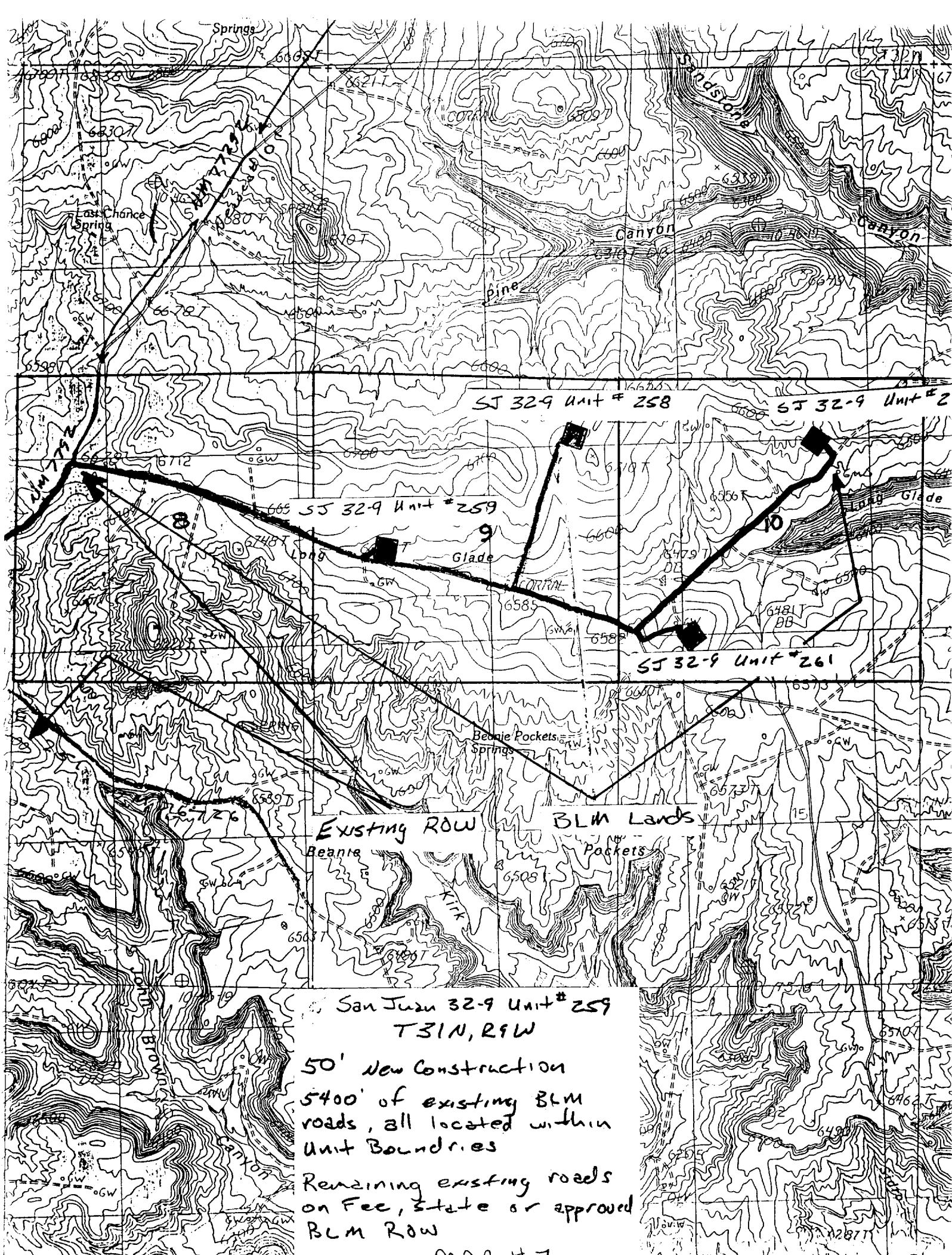
Wellhead Equipment: 9 5/8" x 7" x 2 7/8" x 11" 3000 psi xmas tree assembly.

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 482 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. 1048 cu ft. of slurry, 110% excess to circulate to surface. WOC 12 hours.

5 1/2" liner - do not cement.



San Juan 32-9 Unit #259
T31N, R9W

50' New Construction
5400' of existing BLM
roads, all located within
Unit Boundaries

Remaining existing roads
on Fee, State or approved
BLM ROW