

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

30-045-27861
JUN 14 1990
JUN 14 1990 PM 2:05

1a. TYPE OF WORK DRILL	5. LEASE NUMBER SF-080133
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 1185'FNL 1830'FEL	9. WELL NO. 260 E/314.42
10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL	11. SEC. T. R. M OR BLK. SEC. 10 T31N R09W NMPM
14. DISTANCE IN MILES FROM NEAREST TOWN 8 MILES E OF CEDAR HILL	12. COUNTY SAN JUAN
15. DISTANCE FROM PROPOSED LOCATION 1185' TO NEAREST PROPERTY OR LEASE LINE.	13. STATE NM
16. ACRES IN LEASE 17. ACRES ASSIGNED TO WELL 314.42 1292.06	18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DR. 350' COMPL., OR APPLIED FOR ON THIS LEASE.
19. PROPOSED DEPTH 3324'	20. ROTARY OR CABLE TOOLS ROTARY
21. ELEVATIONS (DF, FT, GR, ETC.) 6542'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 18 1990
OIL CON. DIV
5-8-90 DIST. 3
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 Acquisitor-
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

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

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT II
P.O. Drawer DD, Artesa, NM 88210

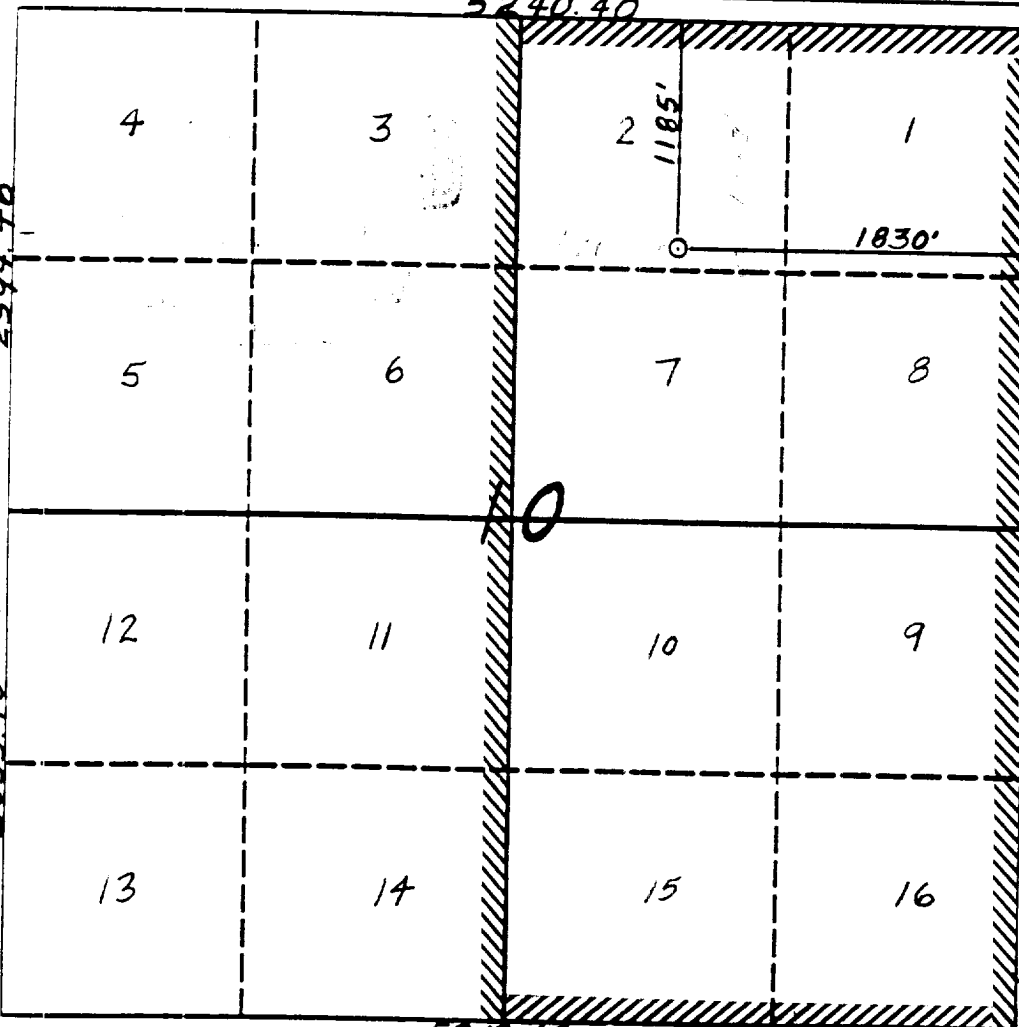
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

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-080133)		Well No. 260
Unit Letter B	Section 10	Township 31 North	Range 9 West	County San Juan
Actual Footage Location of Well: 1185 feet from the North line and 1830 feet from the East line				
Gross level Elev. 6542'	Producing Formation Fruitland Coal		Pool Basin	Dedicated Acreage 314.42 Acres

- Outline the acreage dedicated to the subject well by colored pencil or ink 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
Peggy Bradfield

Position
Regulatory Affairs

Company
Meridian Oil Inc.

Date
5-8-90

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
3-15-90

Signature of Surveyor
Noble O. Edwards

Professional Surveyor
857

REGISTERED LAND SURVEYOR
Noble O. Edwards

Certificate No.
6857

Well Name: 260 SAN JUAN 32-9 UNIT
 Sec. 10 T31N R09W
 BASIN FRUITLAND COAL

1185'FNL 1830'FEL
 SAN JUAN NEW MEXICO
 Elevation 6542'GL

Formation tops: Surface- SAN JOSE
 Ojo Alamo- 2041
 Kirtland- 2090
 Fruitland- 2971
 Fruitland Coal Top- 3218
 Fruitland Coal Base- 3321
 Intermediate TD- 3200
 Total Depth- 3324

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 - 3200	Non-dispersed	8.4 - 9.1	30-60	no control
	3200 - 3324	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 - 3200	7"	20.0#	K-55
	6 1/4"	3150 - 3324	5 1/2"	15.5#	K-55
Tubing Program:		0 - 3324	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.

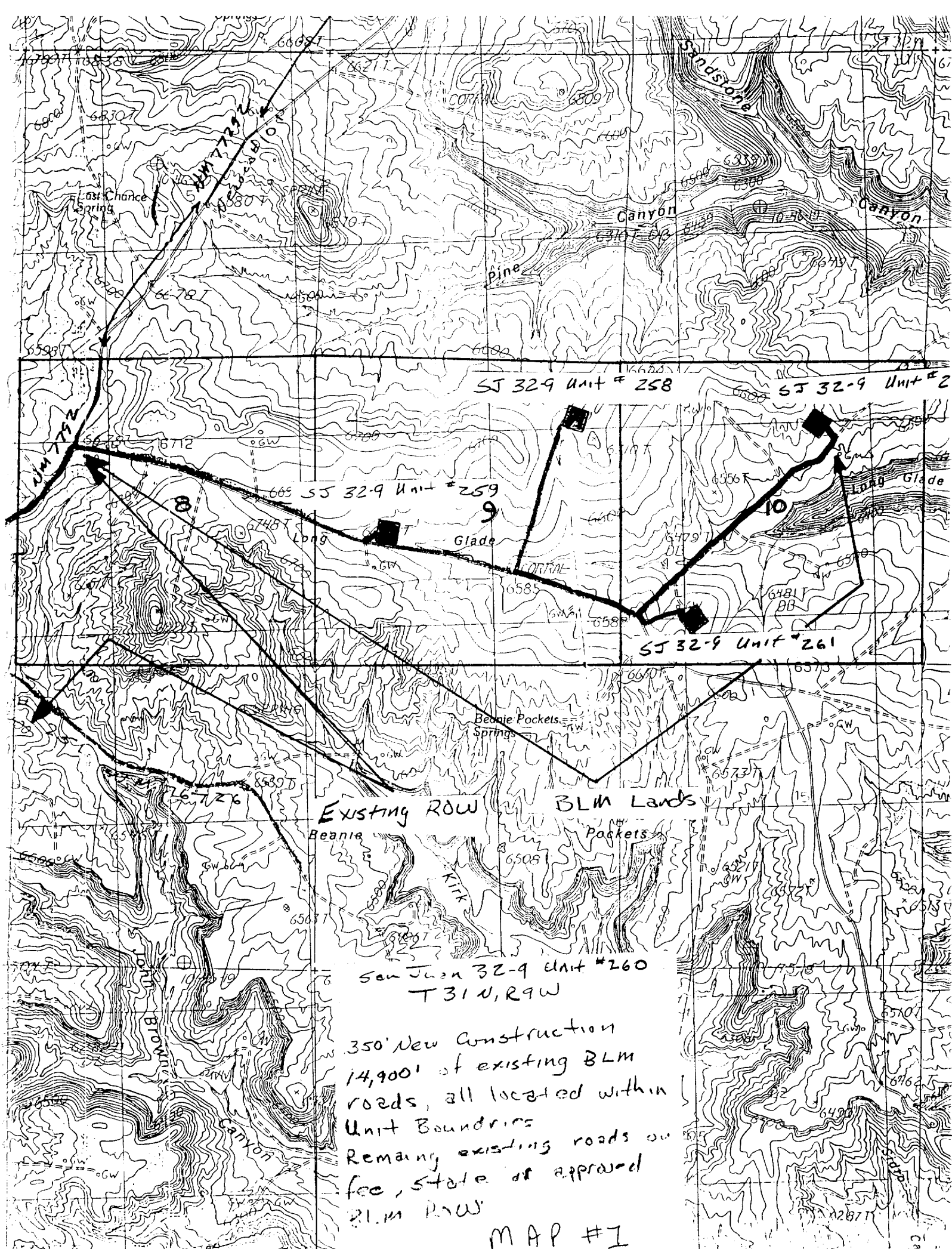
Wellhead Equipment: 9 5/8" x 7" x 2 7/8" x 11" 3000 psi xmas tree assembly.

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 467 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. 1020 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 #258

San Juan 32-9 Unit #2

San Juan 32-9 Unit #259

San Juan 32-9 Unit #261

San Juan 32-9 Unit #260
T31N, R9W

350' New Construction
14,900' of existing BLM
roads, all located within
Unit Boundaries
Remaining existing roads on
fee, state or approved
BLM ROW

MAP #1