

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-045-27961

RECEIVED
JUL 2 1990

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 1240' FNL 845' FEL	9. WELL NO. 258
14. DISTANCE IN MILES FROM NEAREST TOWN 5 MILES SE OF CEDAR HILL	10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL
	11. SEC. T. R. M OR BLK. 9 SEC. 9 T31N R09W NMPM
15. DISTANCE FROM PROPOSED LOCATION 845' TO NEAREST PROPERTY OR LEASE LINE.	12. COUNTY SAN JUAN
16. ACRES IN LEASE	13. STATE NM
17. ACRES ASSIGNED TO WELL E/316.35	
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DR. 300' COMPL., OR APPLIED FOR ON THIS LEASE.	19. PROPOSED DEPTH 3526'
	20. ROTARY OR CABLE TOOLS ROTARY
21. ELEVATIONS (DF, FT, GR, ETC.) 6678' GL	22. APPROX. DATE WORK WILL START
23. PROPOSED CASING AND CEMENTING PROGRAM	
*SEE OPERATIONS PLAN	
24. AUTHORIZED BY: <u>Danny Boone</u> for JWC REG. DRILLING ENGR.	

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OIL CON. DIV.
DIST. 3

5-8-90
DATE

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____ DATE _____

NOTE: THIS FORMAT IS ISSUED IN LIEU OF US BLM FORM 3160-3 **Ken Townsend**
FOR

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 1-1-88

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, Artesia, NM 88210

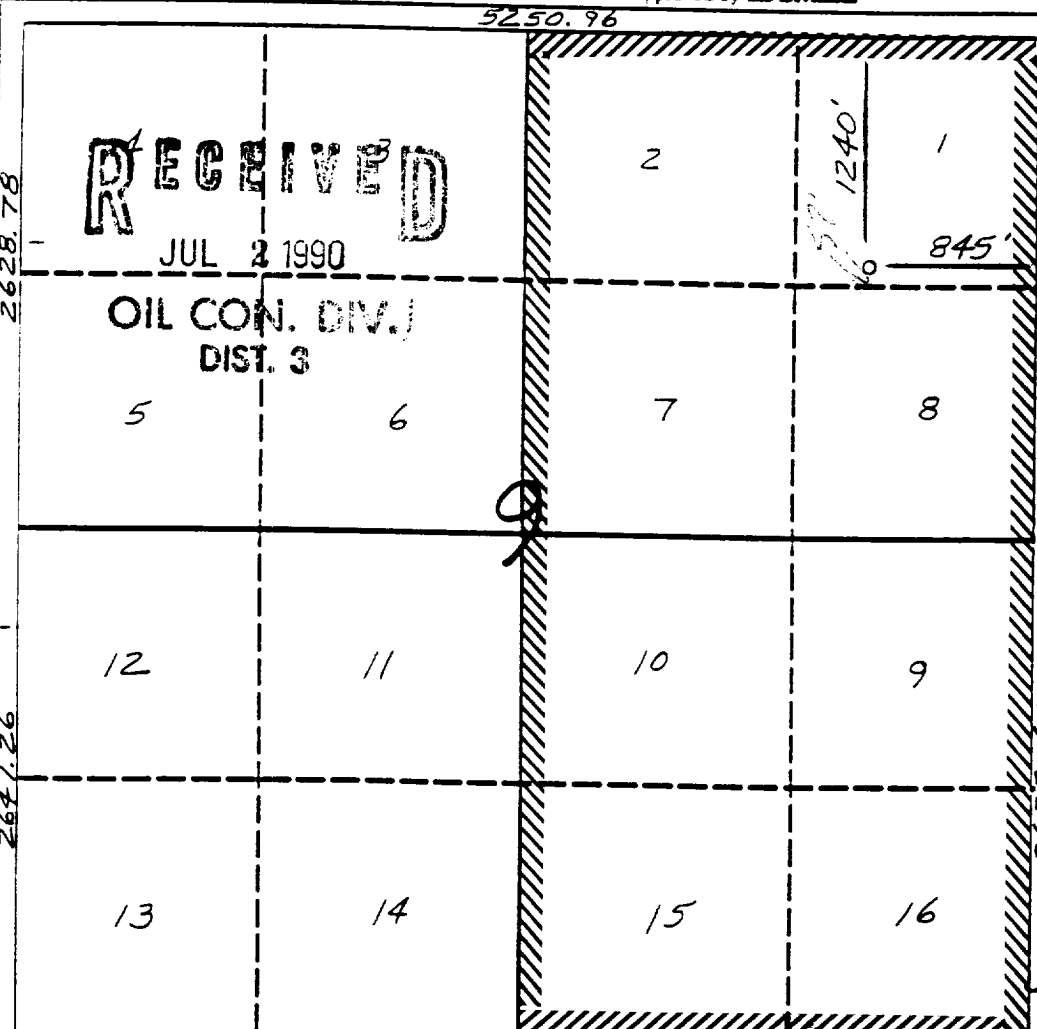
DISTRICT III
1000 Rio Brizos Rd., Aztec, NM 87410

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. 258
Unit Letter A	Section 9	Township 31 North	Range 9 West	County San Juan
Actual Footage Location of Well: 1240 feet from the North line and 845 feet from the East line				
Gross Elev. 6678'	Producing Formation Fruitland Coal		Pool Basin	Dedicated Acreage 316.35 Acres

- Outline the acreage dedicated to the subject well by colored pencil or ink lines 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
NEALE C. EDWARDS

Signature of Sealer
857

Professional Surveyor

Certificate No.
6857

Well Name: 258 SAN JUAN 32-9 UNIT
 Sec. 9 T31N R09W
 BASIN FRUITLAND COAL

1240'FNL 845'FEL
 SAN JUAN NEW MEXICO
 Elevation 6678'GL

Formation tops: Surface- SAN JOSE
 Ojo Alamo- 2144
 Kirtland- 2215
 Fruitland- 3144
 Fruitland Coal Top- 3302
 Fruitland Coal Base- 3522
 Intermediate TD- 3282
 Total Depth- 3526
 Pictured Cliffs- 3530

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 - 3282	Non-dispersed	8.4 - 9.1	30-60	no control
	3282 - 3526	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 - 3282	7"	20.0#	K-55
	6 1/4"	3232 - 3526	5 1/2"	15.5#	K-55
Tubing Program:		0 - 3526	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.

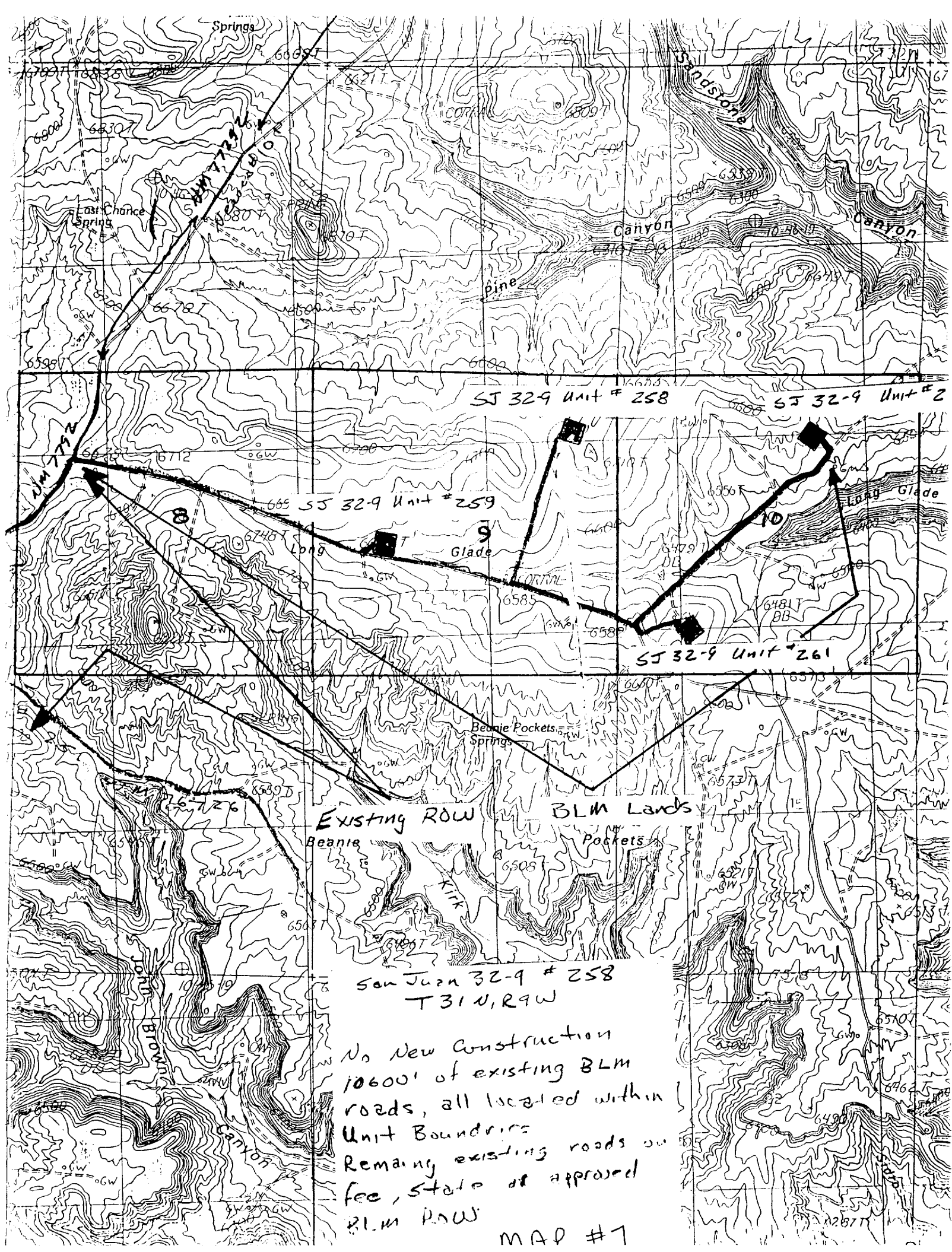
Wellhead Equipment: 9 5/8" x 7" x 2 7/8" x 11" 3000 psi xmas tree assembly.

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 480 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. 1046 cu ft. of slurry, 110% excess to circulate to surface. WOC 12 hours.

5 1/2" liner - do not cement.



SJ 32-9 Unit # 258

SJ 32-9 Unit # 2

SJ 32-9 Unit # 259

SJ 32-9 Unit # 261

Existing ROW

BLM Lands

San Juan 32-9 # 258
T31N, R9W

No New Construction
10600' of existing BLM
roads, all located within
Unit Boundaries
Remaining existing roads on
fee, state or approved
BLM ROW

MAP #1