

30-045-27660

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL	5. LEASE NUMBER SF-078509
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 1300' FNL 1285' FEL	9. WELL NO. 254
	10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL
	11. SEC. T. R. M OR BLK. A SEC. 6 T31N R09W NMPM
14. DISTANCE IN MILES FROM NEAREST TOWN 4 MILES E OF CEDAR HILL	12. COUNTY SAN JUAN
	13. STATE NM
15. DISTANCE FROM PROPOSED LOCATION 1285' TO NEAREST PROPERTY OR LEASE LINE.	16. ACRES IN LEASE 2136.90
	17. ACRES ASSIGNED TO WELL 315.84
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DR. 300' COMPL., OR APPLIED FOR ON THIS LEASE.	19. PROPOSED DEPTH 3477'
	20. ROTARY OR CABLE TOOLS ROTARY
21. ELEVATIONS (DF, FT, GR, ETC.) 6635' 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.	

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JUN 18 1990

OIL CON. DIV

DIST. 3

5-8-90

DATE

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

NOTE: THIS FORMAT IS ISSUED IN LIEU OF US BLM FORM 3160-3. JUN 14 1990
AREA MANAGER

NMOCD

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 1-2-8

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

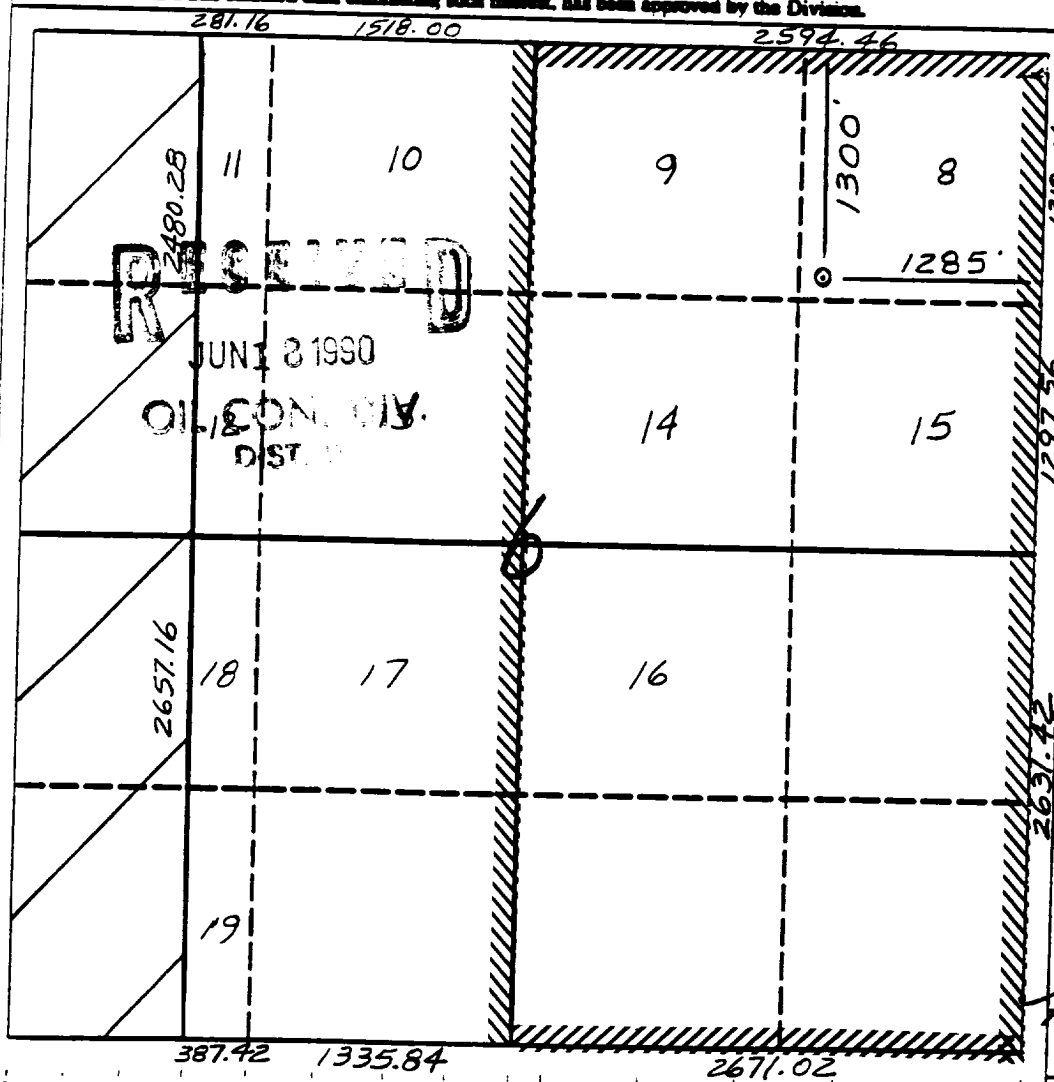
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

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 Unit (SF-0785097)		Well No. 254
Unit Letter A	Section 6	Township 31 North	Range 9 West	County San Juan	
Actual Footage Location of Well: 1300 feet from the North line and 1285 feet from the East line					
Ground level Elev. 6635'		Producing Formation Fruitland Coal		Pool Basin	Dedicated Acreage: 315.84

- Outline the acreage dedicated to the subject well by colored pencil or highlighter 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 commutation, 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 commutation, 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 info contained herein is true and complete to the best of my knowledge and belief. Signature: <u>Peggy Bradfield</u> Printed Name: <u>Peggy Bradfield</u> Position: <u>Regulatory Affairs</u> Company: <u>Meridian Oil Inc.</u> Date: <u>5-9-90</u>	
SURVEYOR CERTIFICATION I hereby certify that the well location 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. Date Surveyed: <u>8-6-89</u> Signature: <u>Neale C. Edwards</u> Professional Surveyor Certificate No. <u>857</u>	

Well Name: 254 SAN JUAN 32-9 UNIT
 Sec. 6 T31N R09W
 BASIN FRUITLAND COAL

1300'FNL 1285'FEL
 SAN JUAN NEW MEXICO
 Elevation 6635'GL

Formation tops: Surface- SAN JOSE
 Ojo Alamo- 2140
 Kirtland- 2210
 Fruitland- 3085
 Fruitland Coal Top- 3258
 Fruitland Coal Base- 3473
 Intermediate TD- 3238
 Total Depth- 3477
 Pictured Cliffs- 3489

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 - 3238	Non-dispersed	8.4 - 9.1	30-60	no contro
	3238 - 3477	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 - 3238	7"	20.0#	K-55
	6 1/4"	3188 - 3477	5 1/2"	15.5#	K-55
Tubing Program:		0 - 3477	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 473 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. 1032 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 # 254
T 31N, R 9W

150' New Construction
500' of existing BLM
roads, all located within
Unit Boundaries

Remaining existing roads
on Fee, State or approved
BLM ROW

MAP #1

