

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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30-039-25364

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

070 10000000, NM

1a. Type of Work DRILL	5. Lease Number SF-079520A	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator MERIDIAN OIL 14538	7. Unit Agreement Name San Juan 28-5 Unit	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 7460 San Juan 28-5 Unit 9. Well Number 230	
4. Location of Well 1290' FNL, 2314' FEL Latitude 36° 38' 09", Longitude 107° 18' 22"	10. Field, Pool, Wildcat Basin Fruitland Coal/71629 S. Blanco Pic. Cliffs EXT 11. Sec., Twn, Rge, Mer. 18 Sec 25, T-28-N, R-5-W NMPM	
14. Distance in Miles from Nearest Town 6 miles to Gobernador	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1290'	17. Acres Assigned to Well 344.64 N/2; 184.64 NE/4	
16. Acres in Lease 1207.120		
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 70'		
19. Proposed Depth 3940'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6775' GR	22. Approx. Date Work will Start 4th quarter 1993	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by:  Regional Drilling Engineer	OIL CON. L. 9/21/93 DIST. 3	

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MAR 24 1994

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

Archaeological Report submitted 05-1-93 Technical Report #228- Arboles Contract Archaeology
Threatened and Endangered Species Report to be submitted
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

APPROVED
AS AMENDED

MAR 22 1994

DISTRICT MANAGER

Held c-184 for PC NSL @

Submit to Adjudicator
District Office
State Loans - 4 copies
Fee Loans - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

RECEIVED
SLM Form C-102
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

02 SEP 27 PM 2:37

GTO FARMINGTON, NM

DISTRICT II
P.O. Drawer 00, Arama, NM 88210

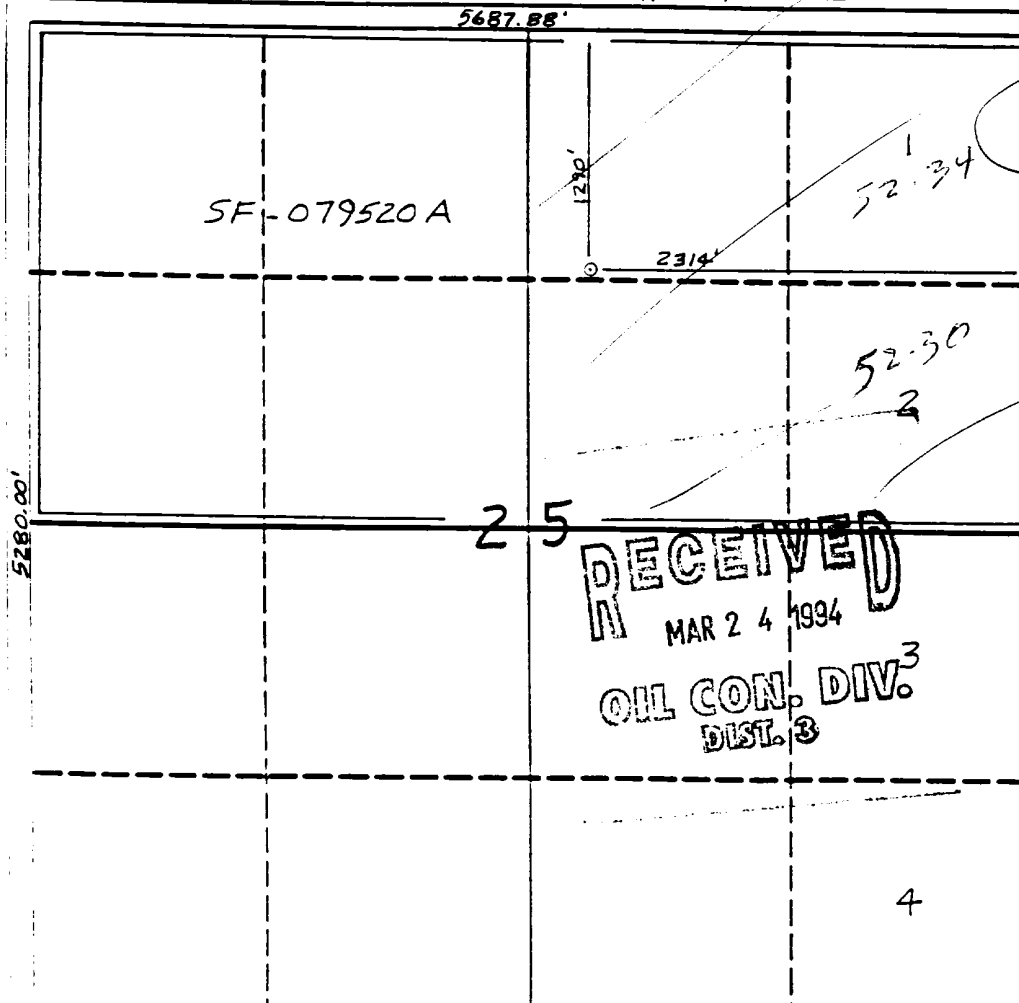
DISTRICT III
1000 Rio Arriba Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Meridian Oil Inc.				Lot San Juan 28-5 Unit		Well No. 230	
Unit Letter B	Section 25	Township 28 North	Range 5 West	County Rio Arriba			
Actual Forage Location of Well: 1290 feet from the North line and 2314 feet from the East line							
Ground level Elev. 6775'		Producing Formation Fruitland Coal/Pic. Cliffs		Pool Basin/S. Blanco		Dedicated Acreage 344.64/184.64 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or ink 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, forced-pooling, etc.?
☒ Yes ☐ No If answer is "yes" type of consolidation- unitization
If answer is "no" list the owners and their 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.

Peggy Bradfield
Signature

Peggy Bradfield

Printed Name

Regulatory Affairs

Position

Meridian Oil Inc.

Company

4-20-93

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.

2-12-93
Date Surveyed

C. Edwards
Signature

Professional Surveyor

9857

OPERATIONS PLAN

Well Name: San Juan 28-5 Unit #230
Location: 1290'FNL, 2314'FEL Section 25, T-28-N, R-05-W
 Rio Arriba County, New Mexico
 Latitude 36° 38' 09", Longitude 107° 18' 22"
Formation: Basin Fruitland Coal/So.Blanco Pictured Cliffs
Elevation: 6775'GL

Formation:	Top	Bottom	Contents
Surface	San Jose	3070'	
Ojo Alamo	3070'	3240'	aquifer
Kirtland	3240'	3450'	
Fruitland	3450'	3666'	
Fruitland Coal Top	3560'	3660'	gas
Pictured Cliffs	3666'	3940'	gas
Total Depth	3940'		

Logging Program: Mud logs from 3400' to Total Depth.
 IND, Dens, Neut, GR, ML to TD.

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 200'	Spud	8.4-8.9	40-50	no control
200-3940'	Non-dispersed	8.4-9.5	30-60	no control

Casing Program:

Hole Size	Depth Interval	Csg.Size	Wt.	Grade
12 1/4"	0 - 200'	8 5/8"	24.0#	K-40
7 7/8"	0 - 3940'	4 1/2"	10.5#	K-55

Tubing Program:

0 - 3940'	2 3/8"	4.7#	J-55
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Float Equipment: 8 5/8" surface casing - saw tooth guide shoe.
 Centralizers will be run in accordance with Onshore Order #2.

4 1/2" production casing - float shoe on bottom. Three centralizers run every other joint above shoe. Four centralizers run every 3rd joint to the base of the Ojo Alamo @ 3240'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 3240'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

Wellhead Equipment: 8 5/8" x 4 1/2" x 2 3/8" x 11" 2000 psi xmas tree assembly.

MERIDIAN OIL INC
SAN JUAN 28-5 UNIT #230

T 28 N, R 5 W

No New Construction

Section 25: SWNE	1100'	Section 20: S2SE	2600'
SENW	300'	NWSE	500'
36 W2NW	2000'	N2SW	1500'
34 N2NE	3200'	S2SW	1300'
27 S2SW	2500'	19: NESE	2300'
28 NWNW	1100'	E2NE	2700'
21 SWSW	900'	18: E2E2	5500'
		7: NESE	1200'
		8: NWNW	500'

