

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number SF-078943	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator MERIDIAN OIL 14538	7. Unit Agreement Name San Juan 29-7 Unit 7465	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name San Juan 29-7 Unit 9. Well Number 583	
4. Location of Well 1850' FSL, 790' FWL Latitude 36° 45' 10", Longitude 107° 36' 55"	10. Field, Pool, Wildcat Basin Fruitland Coal/ S. Blanco Pic. Cliffs 11. Sec., Twn, Rge, Mer. Sec 6, T-29-N, R-7-W NMPM	
14. Distance in Miles from Nearest Town 1 mile from Navajo City	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 790'	17. Acres Assigned to Well 215.22/110.66 W/2 SW/4	
16. Acres in Lease 530.15	18. Distance from Proposed Location to Nearest Well, Dry, Compl, or Applied for on this Lease 1000'	
19. Proposed Depth 3335'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6269' GR	22. Approx. Date Work will Start 2nd quarter 1993	
23. Proposed Casing and Cementing Program See Operations Plan attached	24. Authorized by: <u>[Signature]</u> Regional Drilling Engineer	

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

APPROVED
AS AMENDED

Archaeological Report to be submitted
Threatened and Endangered Species Report to be submitted
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

APR 09 1993
DISTRICT MANAGER

Submit to Assessor
District Office
State Lands - 4 copies
Fee Lands - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

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 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.		Lease San Juan 29-7 Unit		Well No. 583
U.S. Letter K	Section 6	Township 29 North	Range 7 West	County Rio Arriba

Actual Forage Location of Well:

1850	feet from the	South	line and	790	feet from the	West	line
Ground level Elev. 6269'	Provening Formations Fruitland Coal/Pic.Cliffs		Pool Basin/South Blanco	Distance Acreage 215.22/110.66			

1. Outline the acreage dedicated to the subject well by colored pencil or ink on the plat below.

2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

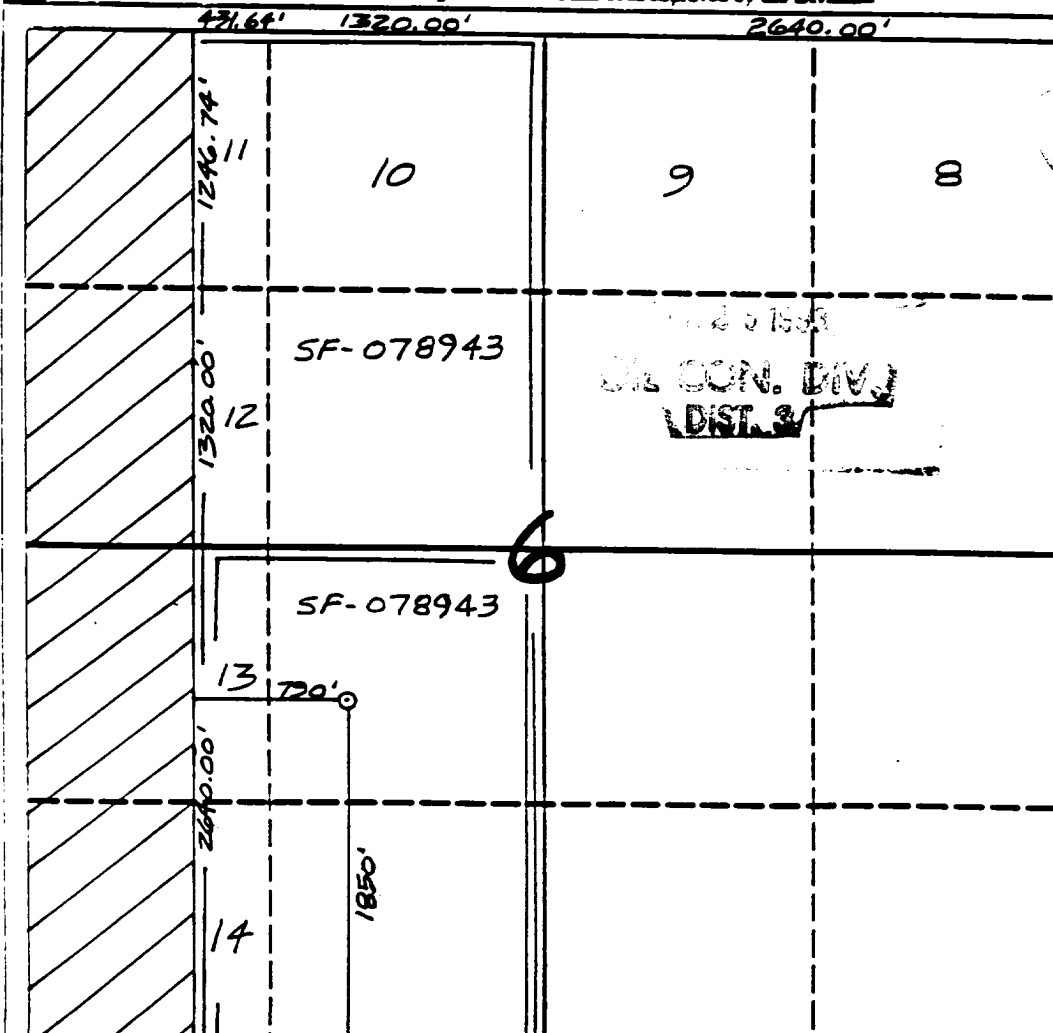
3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by commutation, unitization, force-pooling, etc.?

☒ 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 allowance 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 information contained herein is true and complete to the best of my knowledge and belief.

Signature
Peggy Bradfield

Printed Name
Regulatory Representative

Position
Meridian Oil Inc.

Company
3-10-93

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.

Date Surveyed
2-12-93

Signature
C. EDWARDS

Professional Surveyor
9857

March 11, 1993

OPERATIONS PLAN

Well Name: San Juan 29-7 Unit #583
Location: 1850'FSL, 790'FWL Section 6, T-29-N, R-7-W
 Rio Arriba County, New Mexico
 Latitude 36° 45' 10", Longitude 107° 36' 55"
Formation: Basin Fruitland Coal/S.Blanco Pictured Cliffs
Elevation: 6269'GL

Formation:	Top	Bottom	Contents
Surface	Nacimiento	2215'	
Ojo Alamo	2215'	2295'	aquifer
Kirtland	2295'	2737'	
Fruitland	2737'	3085'	
Fruitland Coal Top	2895'	3075'	gas & salt water
Pictured Cliffs	3085'		gas & salt water
Total Depth	3335'		

Logging Program: Mud logs from 2200' to Total Depth.
 DIL, CNL-LDT from surface to Total Depth.
 Dens-GR-PE, Dens-Neut-GR from 2200' to Total Depth.

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 200'	Spud	8.4-8.9	40-50	no control
200-3335'	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 - 3335'	4 1/2"	10.5#	K-55

Tubing Program:

0 - 3335'	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. Six centralizers run every 3rd joint to the base of the Ojo Alamo @ 2295'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 2295'. 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" 3000 psi xmas tree assembly.

