

UNITED STATES

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

55 JUL -3 AM 8:04

1a. Type of Work DRILL	5. Lease Number SF-079487A Unit Reporting Number
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator MERIDIAN OIL 14538	7. Unit Agreement Name San Juan 30-4 Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 7467 San Juan 30-4 Unit 9. Well Number 40
4. Location of Well 2450' FSL, 2270' FEL Latitude 36° 47' 48", Longitude 107° 15' 32"	10. Field, Pool, Wildcat 71629 Basin Ft Coal/ 72400 E. Blanco Pic.Cliffs/ 72319 Blanco MV 11. Sec., Twn, Rge, Mer. (NMPM) J Sec 21, T-30-N, R-4-W API # 30-039-15538
14. Distance in Miles from Nearest Town 12 miles to Gobernador, NM	12. County Rio Arriba 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 2270'	17. Acres Assigned to Well 320/160/320 E/2 SE/4
16. Acres in Lease	
18. Distance from Proposed Location to Nearest Well, Dwg. Compl. or Applied for on this Lease 2200'	
19. Proposed Depth 7350'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 7605' GR	22. Approx. Date Work will Start 3rd quarter 1995
23. Proposed Casing and Cementing Program See Operations Plan attached	DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"
24. Authorized by: <i>[Signature]</i> Regional Drilling Engineer	Date <i>6/30/95</i>

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

TITLE _____

DATE _____

APPROVED
AS AMENDED

Archaeological Report submitted by Arboles Contract Archaeology Technical Report #750 dated 4-10-95
Threatened and Endangered Species Report to be submitted
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

AUG 21 1995
DISTRICT MANAGER

MCCO

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

PO Box 2088, Santa Fe, NM 87504-2088
JUL -3 AM 8:04

Form C-10
Revised February 21, 1999
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

070 FARMINGTON, NM

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-25538		Pool Code 71629/72400/72319		Pool Name Basin Fruitland Coal/E Blanco PC/Blanco Mesaverde	
Property Code 7467	Property Name San Juan 30-4 Unit			Well Number 40	
OGRID No. 14538	Operator Name Meridian Oil Inc.			Elevation 7605'	

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
J	21	30 N	4 W		2450	South	2270	East	R.A.

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County

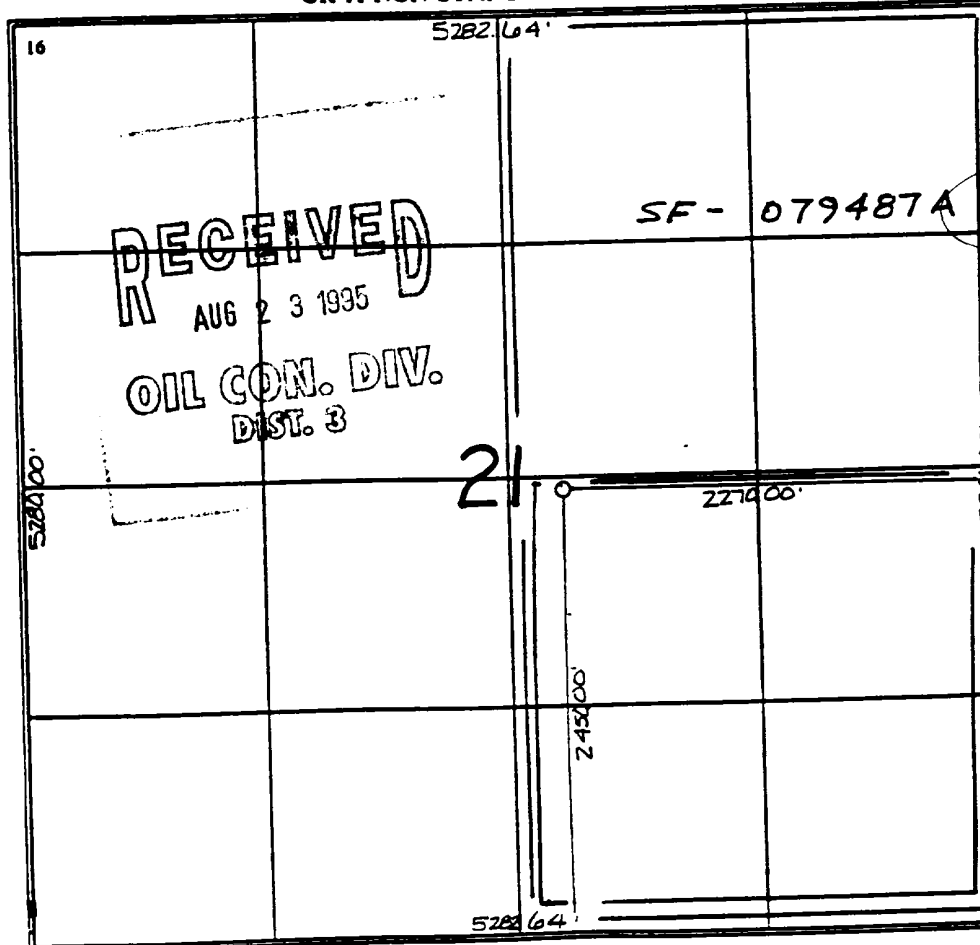
12 Dedicated Acres
E/320-160-E/320

13 Joint or Infill

14 Consolidation Code

15 Order No.

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



17 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 Affairs
Title
Date
6-19-95

18 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 belief.

Date of Survey
3-25-95
Signature and Title of Surveyor

NEHE C. EDWARDS
8837
6867
Certification Number

June 19, 1995

OPERATIONS PLAN

Well Name: San Juan 30-4 Unit #40
Location: 2450' FSL, 2270' FEL Section 21, T-30-N, R-4-W
 Rio Arriba County, New Mexico
 Latitude: 36° 47' 48", Longitude 107° 15' 32"
Formation: Basin Fruitland Coal/Blanco Pic. Cliffs/Blanco Mesa Verde
Elevation: 7605' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	3716'	
Ojo Alamo	3716'	3974'	aquifer
Kirtland	3974'	4201'	
Fruitland	4201'	4318'	gas
Fruitland Coal Top	4278'	4301'	gas
Pictured Cliffs	4318'	4651'	gas
Lewis	4651'	5366'	
Intermediate TD	4850'		
Huerfanito Bentonite	5366'	5391'	
Navajo City	5391'	5666'	
Otero	5666'	6266'	
Upper Cliff House	6266'	6518'	gas
Massive Cliff House	6518'	6576'	gas
Menefee	6576'	6789'	gas
Massive Point Lookout	6789'	6846'	gas
Lower Point Lookout	6846'		
Total Depth	7350'		

Logging Program:

Openhole Wireline Logging -
 Surface to Intermediate : DIL-GR, FDC-CNL & ML
 Intermediate TD to Total Depth : DIL-GR, FDC-CNL & Temp
 Mud Logs/Coring/DST -
 Mud logs - 4100' to Total Depth
 Coring - Fruitland Coal 4278-4308'
 Mesa Verde 6437-97', 6527-6617', 6827-57', 6957-7017'
 DST - none

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 200'	Spud	8.4-8.9	40-50	no control
200-4850'	LSND	8.4-9.1	30-60	no control
4850-7350'	Gas/Mist	n/a	n/a	n/a

Pit levels will be visually monitored to detect gain or loss of fluid control.

Casing Program:

<u>Hole Size</u>	<u>Depth Interval</u>	<u>Csg. Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0' - 200'	9 5/8"	36.0#	K-55
8 3/4"	0' - 4850'	7"	23.0#	K-55
6 1/4"	4700' - 7350'	4 1/2"	10.5#	K-55

Tubing Program:

0' - 7350'	2 3/8"	4.7#	J-55 EUE
0' - 3000'	1 1/2"	2.76#	J-55 IJ

