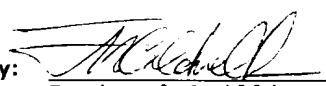


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number USF-079393 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 27-5 Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 7454 San Juan 27-5 Unit 9. Well Number 330 ✓
4. Location of Well 795' FSL, 1135' FWL Latitude 36° 35' 52", Longitude 107° 23' 12"	10. Field, Pool, Wildcat Basin Ft Coal 71629- 11. Sec., Twn, Rge, Mer. (NMPM) M Sec 5, T-27-N, R-5-W API # 30-039-25522 ✓
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 795'	
16. Acres in Lease	17. Acres Assigned to Well 319.18 W/2 81
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 100'	
19. Proposed Depth 3465'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6666' GR	22. Approx. Date Work will Start 3rd quarter 1995
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by:  Regional Drilling Engineer	Date 5/22/95

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

Archaeological Report submitted by Arboles Contract Archaeology Technical Report #761 dated 4-11-95
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

JUN 04 1995

DISTRICT MANAGER

District I
PO Box 1988, Hobbs, NM 88241-1988
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Hrazos 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

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-25522	Pool Code 71629	Pool Name Basin Fruitland Coal
Property Code 7454	Property Name San Juan 27-5 Unit	Well Number 330
OGRID No. 14538	Operator Name Meridian Oil Inc.	Elevation 6666'

10 Surface Location

UL or lot no. M	Section 5	Township 27 N	Range 5 W	Lot Idn	Feet from the 795	North/South line South	Feet from the 1135	East/West line West	County R.A.
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11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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12 Dedicated Acres W/319.18	13 Joint or Infill	14 Consolidation Code	15 Order No.
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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

4	3	2	1
S.F.-079393			
5			
RECEIVED JUN 13 1995 OIL CON. DIV. DIST. 3			
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 5-10-95 Date			
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 3-24-95 Signature and Seal of Registered Professional Surveyor N.E.C. EDWARDS 8857 8857 Certificate Number			

OPERATIONS PLAN

Well Name: San Juan 27-5 Unit #330
Location: 795' FSL, 1135' FWL, Section 5, T-27-N, R-5-W
 Rio Arriba County, NM
Formation: Basin Fruitland Coal
Elevation: 6666' GL

Formation:	Top	Bottom	Contents
Surface	San Jose	2778'	
Ojo Alamo	2778'	2968'	aquifer
Kirtland	2968'	3228'	
Fruitland	3228'	3468'	
Fruitland Coal Top	3293'	3464'	gas & salt water
Pictured Cliffs	3468'		
Total Depth	3465'		

Logging Program: Mud logs from 2800' to Total Depth.

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 200'	Spud	8.4-8.9	40-50	no control
200-3290'	Non-dispersed	8.4-9.1	30-60	no control
3290-3465'	Formation Water	8.4		no control

Casing Program:

Hole Size	Depth Interval	Csg. Size	Wt.	Grade
12 1/4"	0' - 200'	9 5/8"	32.3#	H-40
8 3/4"	0' - 3290'	7"	20.0#	K-55
6 1/4"	3150' - 3465'	5 1/2"	15.5#	K-55

Tubing Program:

0' - 3465'	2 3/8"	4.7#	J-55
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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. Run insert float one joint above guide shoe. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 2968'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

5 1/2" production casing - float shoe on bottom and 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 3/8" x 11" 3000 psi xmas tree assembly.

MERIDIAN OIL INC

SAN JUAN 27-5 UNIT #330

T 27 N, R 5 W

No New Construction

T27N, R5W

Section 6: W2W2

6: NENE

31: E2E2

32: NWNW

30: E2E2

19: E2E2

18: E2E2

7: SESE

8: NWSW

4400'

700'

6400'

300'

5500'

5400'

5500'

1500'

600'

APD MAP #1

