


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-079519A 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 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 245	
4. Location of Well 915'FNL, 1475'FEL Latitude 36° 39' 04", Longitude 107° 20' 32"	10. Field, Pool, Wildcat Basin Ft Coal 71429 11. Sec., Twn, Rge, Mer. (NMPM) 13 Sec 22, T-28-N, R-5-W API # 30-039-25523	
14. Distance in Miles from Nearest Town 5 miles to Gobernador, NM	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 915'	17. Acres Assigned to Well ✓ 320 N/2	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 100'	20. Rotary or Cable Tools Rotary	
19. Proposed Depth 3605'	22. Approx. Date Work will Start 3rd quarter 1995	
21. Elevations (DF, FT, GR, Etc.) 6690'GR	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 # 760 dated 4/95
Threatened and Endangered Species Report to be submitted
NOTE: This format is issued in lieu of U.S. BLM Form 3160

NMOCD

APPROVED
AS AMENDED
JUN 09 1995
DISTRICT MANAGER

District I
PO Box 1988, Hobbs, NM 88241-1988
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1008 Rio Bravo Rd., Aztec, NM 87418
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 30-039-25523	Pool Code 71629	Pool Name Basin Fruitland Coal
Property Code 7460	Property Name San Juan 28-5 Unit	Well Number 245
OGRID No. 14538	Operator Name Meridian Oil Inc.	Elevation 6690'

10 Surface Location

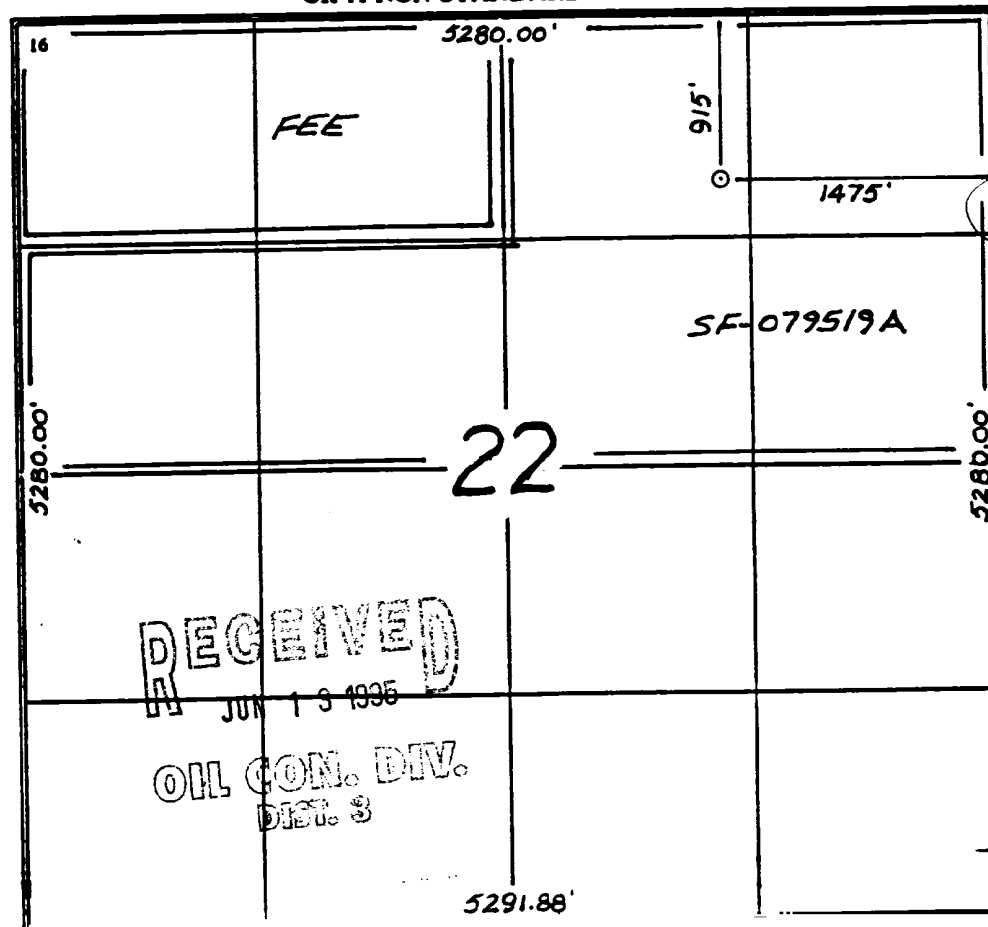
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
B	22	28 N	5 W		915	North	1475'	East	R.A.

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

Dedicated Acres N/320	Joint or Infill	Consolidation Code	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



17 OPERATOR CERTIFICATION

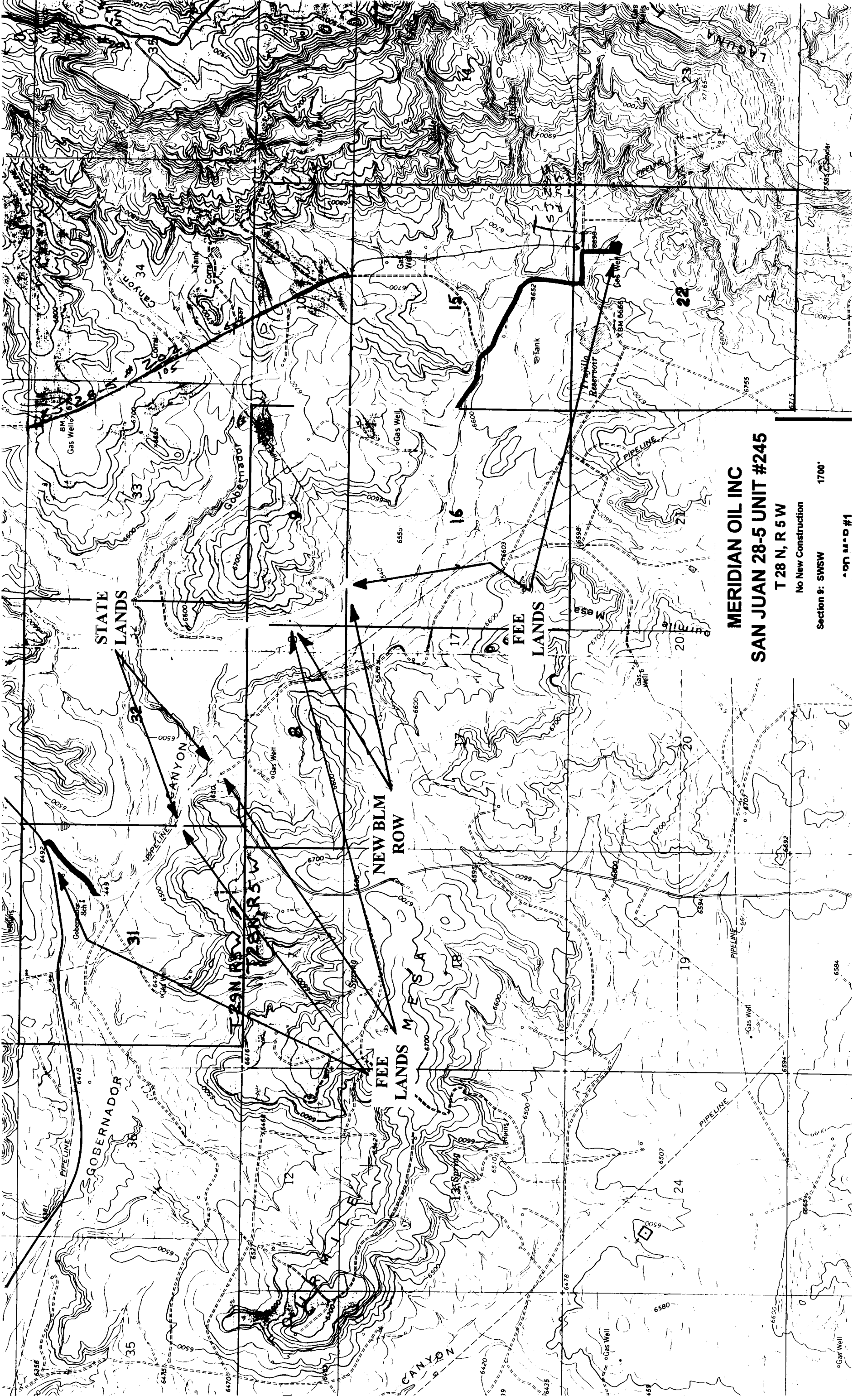
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

Peggy Bradfield
Signature
Peggy Bradfield
Printed Name
Regulatory Affairs
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.

3-17-95
Date of Survey
Signature and Seal of Professional Surveyor
HERNANDEZ
8857
8857
Certificate No.



MERIDIAN OIL INC
SAN JUAN 28-5 UNIT #245

T 28 N, R 5 W

No New Construction

Section 9: SWSW 1700'

ON M.D.#1

OPERATIONS PLAN

Well Name: San Juan 28-5 Unit #245
Location: 915' FNL, 1475' FEL, Section 22, T-28-N, R-5-W
 Rio Arriba County, NM
Formation: Basin Fruitland Coal
Elevation: 6690' GL

Formation:	Top	Bottom	Contents
Surface	San Jose	2935'	
Ojo Alamo	2935'	3085'	aquifer
Kirtland	3085'	3400'	
Fruitland	3400'	3606'	
Fruitland Coal Top	3440'	3605'	gas & salt water
Pictured Cliffs	3606'		
Total Depth	3605'		

Logging Program: Mud logs from 2850' to Total Depth.

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 200'	Spud	8.4-8.9	40-50	no control
200-3470'	Non-dispersed	8.4-9.1	30-60	no control
3470-3605'	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' - 3470'	7"	20.0#	K-55
6 1/4"	3320' - 3605'	5 1/2"	15.5#	K-55

Tubing Program:

0' - 3605'	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 @ 3085'. 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.