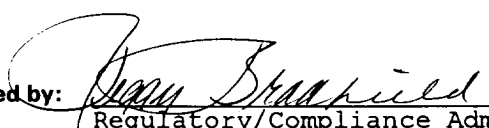


UNITED STATES
DEPARTMENT OF THE INTERIOR
RECEIVED
BUREAU OF LAND MANAGEMENT
BLM

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

95 JUL 24 PM 3:36

1a. Type of Work DRILL 070 FARMINGTON, NM	5. Lease Number SF-078951 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 29-7 Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 7465 San Juan 29-7 Unit 9. Well Number 505R
4. Location of Well 1850' FSL, 940' FEL Latitude 36° 45.1, Longitude 107° 35.4	10. Field, Pool, Wildcat 71629 Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. (NMPM) I Sec 5, T-29-N, R-7-W API # 30-039-25588
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 940'	17. Acres Assigned to Well 315.94 E/2
16. Acres in Lease	20. Rotary or Cable Tools Rotary
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 20'	22. Approx. Date Work will Start
19. Proposed Depth 2873'	23. Proposed Casing and Cementing Program See Operations Plan attached
21. Elevations (DF, FT, GR, Etc.) 6101' GR	24. Authorized by:  Regulatory/Compliance Administrator

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

7-22-95
Date

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

Archaeological Report submitted by San Juan County Museum Assoc. Technical Rep #95-DCA (for SF 29-7-9504)
Threatened and Endangered Species Report submitted

NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

AS AMENDED

AUG 14 1996
DISTRICT MANAGER

NMOCD

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

State of New Mexico
Energy, Minerals & Natural Resources Department

RECEIVED
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

070 FARMINGTON, NM

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 APT Number 30-039-25588		2 Pool Code 71629		3 Pool Name Basin Fruitland Coal	
4 Property Code 7465		5 Property Name San Juan 29-7 Unit			6 Well Number 505R
7 OGRID No. 14538		8 Operator Name Meridian Oil Inc.			9 Elevation 6101'

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
I	5	29 N	7 W		1850	South	940'	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/315.94	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

16				17 OPERATOR CERTIFICATION			
5280.00'				I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief			
8				Signature <i>Peggy Bradford</i>			
7				Printed Name Peggy Bradford			
6				Title Regulatory Administrator			
5				Date 7-22-96			
RECEIVED AUG 20 1996 OIL CON. DIV. DIST. 3				5219.94'			
5281.32'				18 SURVEYOR CERTIFICATION			
5280.00'				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.			
5281.32'				Date of Survey 6-10-96			
5281.32'				Signature and Seal of Professional Surveyor <i>HERB C. EDWARDS</i>			
5281.32'				Certificate Number 9857			

OPERATIONS PLAN

Well Name: San Juan 29-7 Unit #505R
Location: 1850' FSL, 940' FEL Section 5, T-29-N, R-7-W
 Latitude 36° 45.1, Longitude 107° 35.4
 Rio Arriba County, NM
Formation: Basin Fruitland Coal
Elevation: 6101' GL

Formation:	Top	Bottom	Contents
Surface	San Jose	1960'	
Ojo Alamo	1960'	2065'	aquifer
Kirtland	2065'	2640'	
Fruitland	2640'	2870'	gas
Fruitland Coal	2740'	2870'	gas
Total Depth	2873'		

Logging Program: Mud logs from 2700' to Total Depth.

Coring Program: none

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 125'	Spud	8.4-9.0	40-50	no control
125-2700'	Non-dispersed	8.4-9.0	30-60	no control
2700-2873'	Air			

Casing Program:

Hole Size	Depth Interval	Csg. Size	Wt.	Grade
12 1/4"	0' - 125'	9 5/8"	36.0#	K-55
8 3/4"	0' - 2700'	7"	20.0#	K-55
6 1/4"	2600' - 2873'	5 1/2"	15.5#	K-55

Tubing Program:

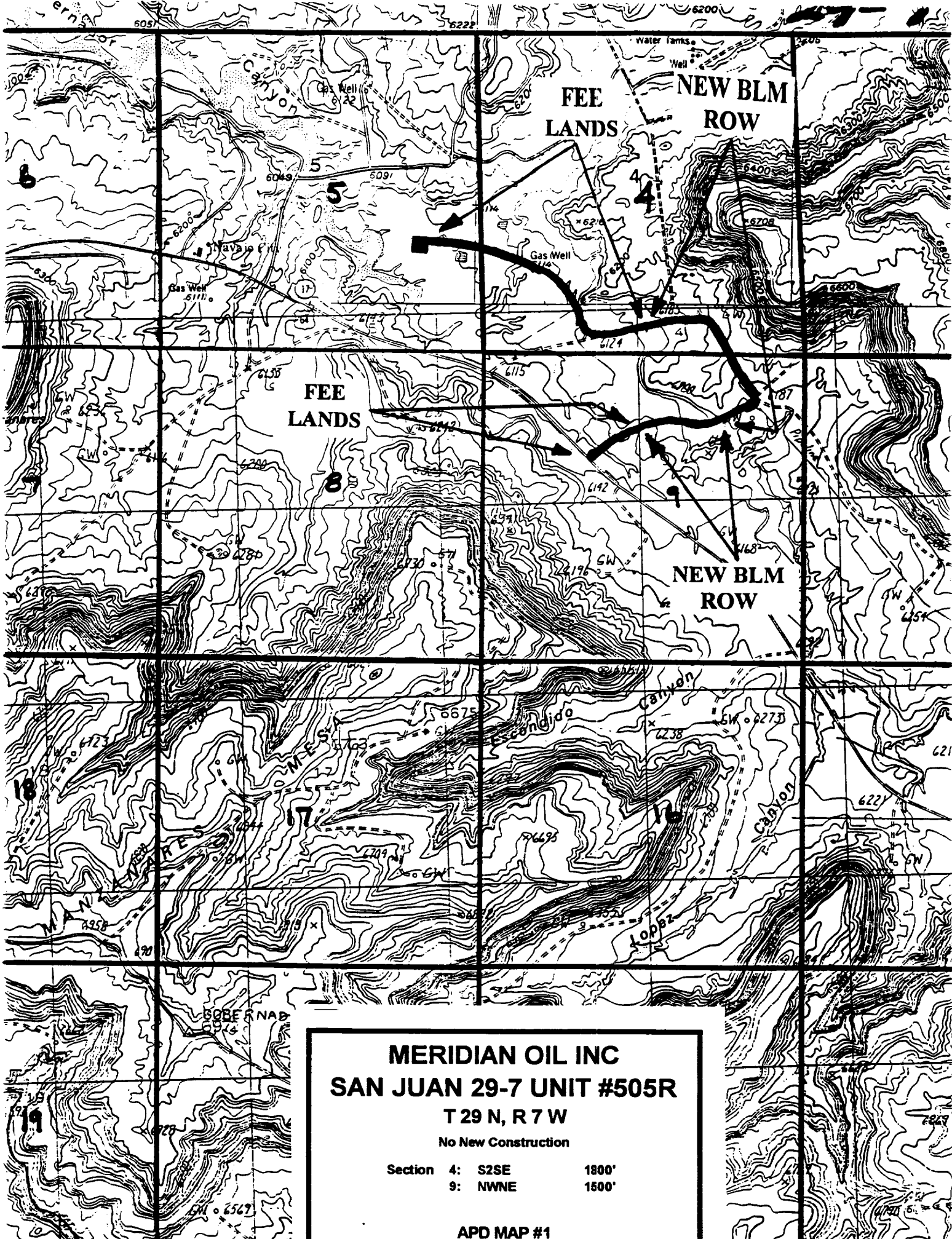
0' - 2873'	2 3/8"	4.7#	J-55
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Float Equipment: 9 5/8" surface casing - saw tooth guide shoe. Centralizers will be run in accordance with Onshore Order #2.

7" intermediate casing - guide shoe and self-fill float collar. Three centralizers run every fourth joint above shoe. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 2065'. 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 100' 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 29-7 UNIT #505R
T 29 N, R 7 W
No New Construction

Section	4: S2SE	1800'
	9: NWNE	1500'

APD MAP #1