UNITED STATES DEPARTMENT OF THE INTERIOR RECEDENCEAU OF LAND MANAGEMENT

RECEDUREAU OF LAND MANAGEMENT

1850' FSL, 940' FEL Latitude 36° 45.1, Longitude 107° 35.4 Latitude 36° 45.1, Longitude 107° 35.4 11. Sec., Twn, Rge. Mer. (NMPM) Letitude 36° 45.1, Longitude 107° 35.4 12. Sec. 5, T-29-N, R-7-W API # 30-039-2556 13. State Rio Arriba NM 15. Distance from Proposed Location to Nearest Property or Lease Line 940' 16. Acres in Lease 17. Acres Assigned to Well 315.94 E/2 18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 20' This action is subject to technical and proposed Depth procedural review pursuant to 43 CFR 3185.3 20. Rotary or Cable Tools and appeal pursuant to 43 CFR 3185.4. 21. Elevations (DF, FT, GR, Etc.) 6101' GR 23. Proposed Casing and Cementing Program See Operations Plan attached Regulatory/Compliance Administrator Approval Date PERMIT NO. Approval Date		AP	PLICATION FOR PERMIT TO DRILL, DEEPEN	, OR PLUG BACK .
2. Operator MERIDIAN OIL AUG 2 0 1996 7. Unit Agreement Name San Juan 29-7 Unit San Juan 29-7 Unit San Juan 29-7 Unit 8. Farm or Lease Name FO Box 4289, Farmington, NM 87499 8. Farm or Lease Name FO Box 4289, Farmington, NM 90, Will ATAM For 329, Proposed Lease Name FO Box 4289, Farmington, NM 90, Will ATAM FOR 329, Proposed Lease Name FO Box 4289, Farmington, NM 90, Will ATAM FOR 329, Proposed Lease Name FO Box 4289, Farmington, NM 90, Will ATAM FOR 329, Proposed Lease Name FO Box 4289, Farmington, NM 90, Will ATAM FOR 329, Proposed Lease Name FO Box 4289, Farmington, NM 90, Will ATAM FOR 329, Proposed Lease Name FO Box 4289, Proposed Lease Name FOR 329, Proposed Lease Name FO Box 4289, Proposed Lease Name FO Box 4	1a.		070 FARMINGTON, NM	SF-078951
MERIDIAN OLL Mess & Phone No. of Operator PO Box 4289, Farmington, NM 87499 8 3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 8 (505) 326-9700 4. Location of Well 1850' FSL, 940' FEL Latitude 36° 45.1, Longitude 107° 35.4 Distance in Miles from Nearest Town 1 mile from Navajo City 10. Field, Pool, Wildcat 11. Sec., Twn, Rge, Mer. (NMPM) Lesc 5, T-29-N, R-7-W API # 30-039-2556. 14. Distance in Miles from Nearest Town 1 mile from Navajo City 15. Distance from Proposed Location to Nearest Property or Lease Line 940' 16. Acres in Lease 17. Acres Assigned to Well 315.94 E/2 18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 20' This action is accipate to technical and 19. Proposed Depth procedural review pursuant to 43 CFR 3185.3 20. Rotary or Cable Tools and appeal pursuant to 43 CFR 3185.4 21. Elevations (DF, FT, GR, Etc.) 22. Approx. Date Work will Start 6101' GR 23. Proposed Casing and Cementing Program See Operations Plan attached Regulatory/Compliance Administrator Approval Date Approval Date	1b.		PECEIVED	6. If Indian, All. or Tribe
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23. Proposed Casing and Cementing Program See Operations Plan attached 24. Authorized by: Say State of Example Casiman Authorized Base of the Companies Authorized B	19.	Proposed Depth	procedural review pursuant to 45 CFR 3186.4	20. Rotary or Cable Tools Rotary
See Operations Plan attached DANDING CREATIONS AUTHORIZED A SUBJECT TO COMPLIANCE WITH ATTAC TOSNERAL REQUIREMENTS': T-22-96 Regulatory/Compliance Administrator Date PERMIT NO. APPROVAL DATE	21.		, GR, Etc.)	22. Approx. Date Work will Start
Regulatory/Compliance Administrator Date PERMIT NO. APPROVAL DATE	23.			- CARLLING CHECATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHE "GENERAL REQUIREMENTS"
	24.	Authorized by:	May Draphield Regulatory/Compliance Administrator	
APPROVED BY TITLE DATE	PERMIT NO.		APPROVAL DAT	TE
	APPRO	VED BY	TITLE	DATE

Archaeological Report submitted by San Juan County Museum Assoc. Technical Rep #95-DCA(for/\$1/291090ED)

Threatened and Endangered Species Report submitted

AS AMENDED

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

tale e-ray for NSL

NMOCD

DISTRICT MANAGER

District I PO Bez 1988, Hobbs, NM 88241-1988 District II State of New Mexico
Energy, Minerals & Netural Resources Department

Form C-102 Revised February 21, 1994 Instructions on back

District II PO Drawer DD, Artesia, NM 88211-0719 RECEIVED
OIL CONSERVATION DIVISION
Submit to A

Submit to Appropriate District Office
State Lease - 4 Copies

District III 1008 Rio Brazos Rd., Aztoc, NM 87410 District IV PO Box 2088 Santa Fe, NM 8750412088, PH 3: 36

Fee Lease - 3 Copies

District IV PO Box 2008, Santa Fe, NM 87504-2088 AMENDED REPORT WELL LOCATION AND ACREAGE DEDICATION PLAT API Number ² Pool Code 30-039-25588 Basin Fruitland Coal 71629 * Well Number Property Name * Property Code 505R San Juan 29-7 Unit 7465 "Elevation OGRID No. 1 Operator Name 6101' Meridian Oil Inc. 14538 ¹⁰ Surface Location North/South line Feet from the East/West line County UL or lot no. Section Township Range Lot Ida Feet from the 940' East R.A. 1850 South 29 N 7 W 5 Ι 11 Bottom Hole Location If Different From Surface Feet from the North/South line East/West line Lot Ida County UL or lot so. Section Township Range 13 Dedicated Acres 13 Joint or Infill 16 Consolidation Code 15 Order No. $\Xi/315.94$ 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 5280.30' OPERATOR CERTIFICATION 16 I hereby certify that the information contain true and complete to the best of my knowledge and belief 8 5 7 6 rapiel RECEIVED Peggy Bradfield Printed Name Regulatory Administrator 7-22-96 NM5F-078951 Date 18SURVEYOR CERTIFICATION **DIST.** 3 I hereby certify that the well location shown on this plat was piotted from field notes of actual surveys made by n or under my supervision, and that the se 940 correct to the best of my belief. 6-10-96 Date of Survi

528132'

Page 1 July 22, 1996

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:

Hol	le Size	Depth	Ιr	nterval	Csg.	Size	Wt.	Grade
12	1/4"	0'	-	125'	9	5/8"	36.0#	K-55
8	3/4"	0'	_	2700 '	7"	1	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

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.

