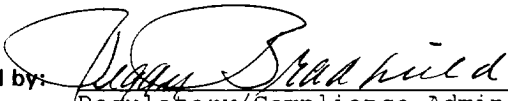


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number SF-078945 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 11A ✓
4. Location of Well 900' FNL, 790' FWL Latitude 36° 45.5, Longitude 107° 34.8	10. Field, Pool, Wildcat 72319 Blanco Mesa Verde/ 71599 Basin Dakota 11. Sec., Twn, Rge, Mer. (NMPM) D Sec 3, T-29-N, R-7-W lat 8 API # 30-039-25564 ✓
14. Distance in Miles from Nearest Town 3 miles to Navajo City	12. County Rio Arriba 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 790'	
16. Acres in Lease	17. Acres Assigned to Well w/r 317.83 w/2 317.83
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1800'	
19. Proposed Depth 7760'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6250' GR ✓	22. Approx. Date Work will Start 2nd quarter 1996
23. Proposed Casing and Cementing Program See Operations Plan attached	DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"
24. Authorized by:  Regulatory/Compliance Administrator	3-12-96 Date

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

Archaeological Report submitted by Arboles Contract Archaeology Technical Report #865
Threatened and Endangered Species Report to be submitted
Note: an APD was submitted 12-04-85 for this location
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

APPROVED
AS AMENDED

MAR 15 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 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

Form C-10
Revised February 21, 199
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

6:12 PM 1:08

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-		Pool Code 72319/71599	Pool Name Blanco Mesaverde/Basin Dakota
Property Code 7465	Property Name San Juan 29-7 Unit		Well Number 11A
OGRID No. 14538	Operator Name MERIDIAN OIL, INC.		Elevation 6250'

10 Surface Location

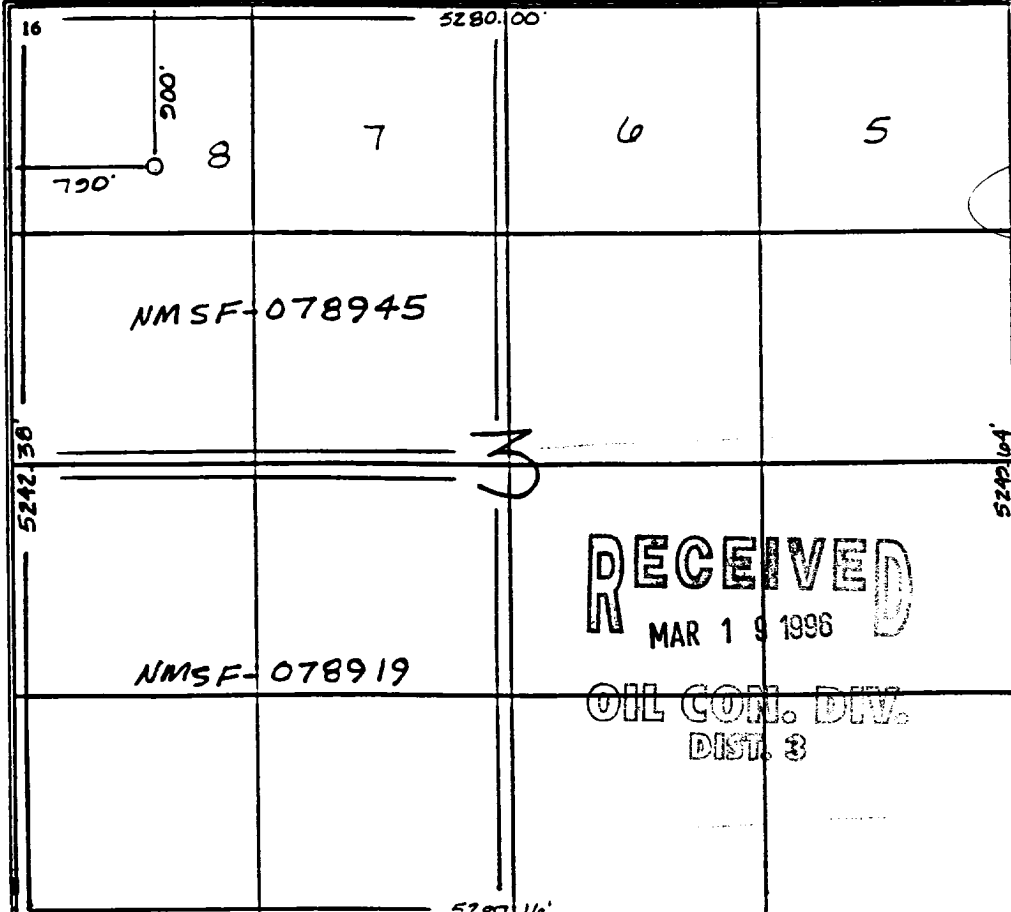
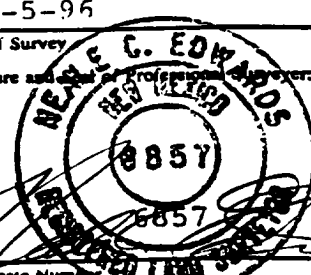
UL or lot no. D	Section 3	Township 29N	Range 7W	Lot Ida	Feet from the 900	North/South line North	Feet from the 790	East/West line West	County R.A.
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11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
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12 Dedicated Acres W/317.83	13 Joint or Infill W/317.83	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. <i>Peggy Bradford</i> Signature Peggy Bradford Printed Name Regulatory Administrator Title 3-12-96 Date	
RECEIVED MAR 19 1996 OIL CON. DIV. DIST. 3				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. 1-5-96 Date of Survey Signature and Seal of Professional Surveyor:  Certificate Number	

OPERATIONS PLAN

Well Name: San Juan 29-7 Unit #11A
Location: 900' FNL, 790' FWL Sec 3, T-29-N, R-7-W
 Rio Arriba County, NM
 Latitude 36° 45.5, Longitude 107° 34.8
Formation: Blanco Mesa Verde/Basin Dakota
Elevation: 6250' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2141'	
Ojo Alamo	2141'	2319'	aquifer
Kirtland	2319'	2873'	
Fruitland	2873'	3169'	gas
Pictured Cliffs	3169'	3315'	gas
Lewis	3315'	3856'	gas
Intermediate TD	3465'		
Huerfanito Bentonite	3856'		
Chacra	4149'	4884'	
Massive Cliff House	4884'	4974'	gas
Menefee	4974'	5303'	gas
Point Lookout	5305'	5728'	gas
Mancos	5728'	6645'	
7" Drilling Liner TD	5878'		
Gallup	6645'	7303'	
Greenhorn	7303'	7458'	
Graneros	7358'	7410'	
Dakota	7410'	7661'	gas
Morrison	7661'		
TD (4 1/2" liner)	7760'		

Logging Program:

Mud Logger at 2870'.

Openhole Wireline Logging -

8 3/4" air - AIT/GR/CAL/IPL

6 1/4" mud - AIT/ML/GR-NGT/SP/CAL/IPL/CMR/FMI

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
200-3465'	LSND	8.4-9.0	30-60	no control
3465'-5878'	Gas	n/a	n/a	n/a
5878'-7760'	LSND	8.4-9.0	30-60	no control

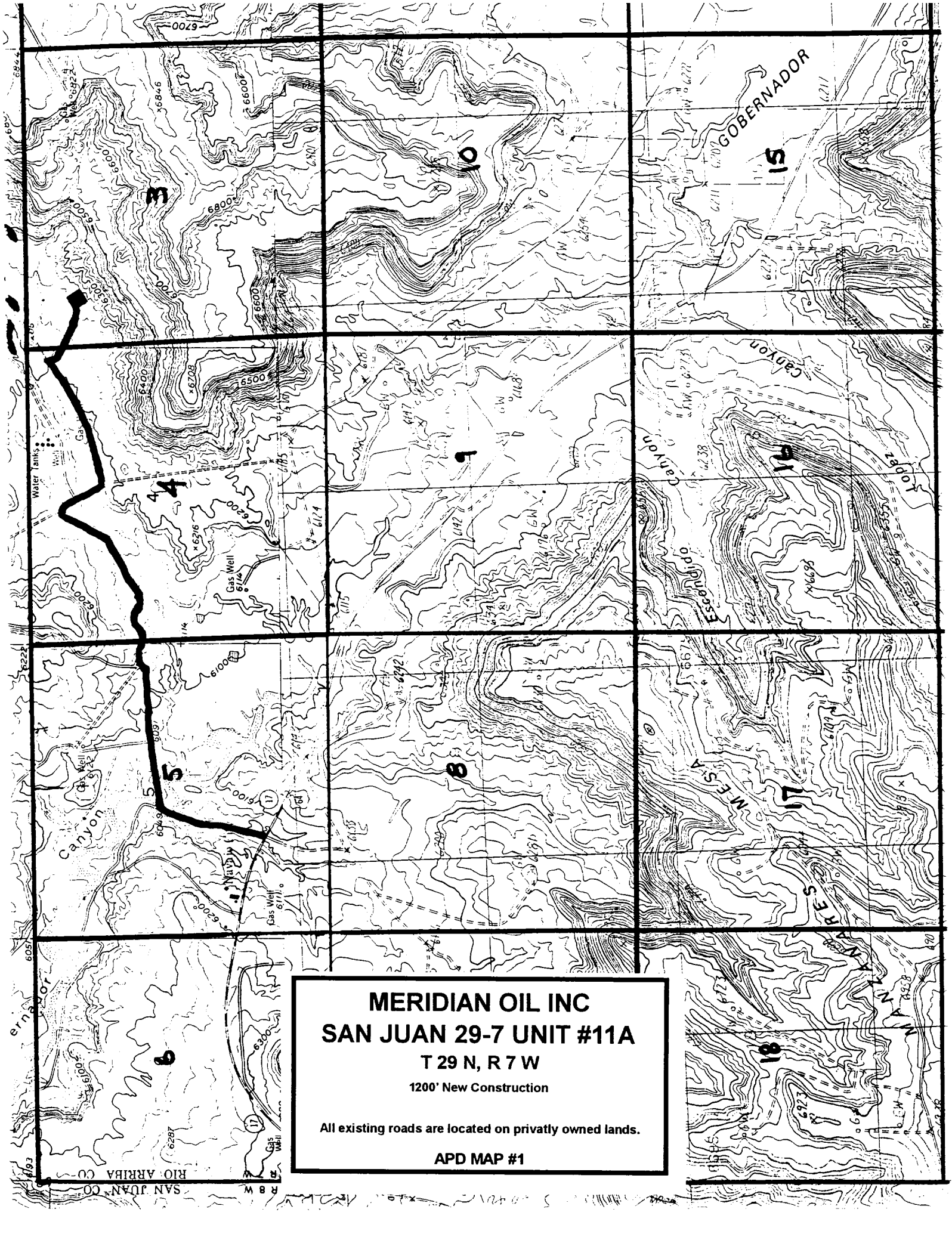
Pit levels will be visually monitored to detect gain or loss of fluid control.

Casing Program:

<u>Hole Size</u>	<u>Depth Interval</u>	<u>Csg. Size</u>	<u>Wt.</u>	<u>Grade</u>
17 1/2"	0' - 200'	13 3/8"	48.0#	K-55
12 1/4"	0' - 3465'	9 5/8"	36.0#	K-55
	9 5/8" stage tool @ 2823'			
8 3/4"	3315' - 5878'	7"	23.0#	K-55 liner
6 1/4"	5728' - 7760'	4 1/2"	11.6#	N-80 liner

Tubing Program:

0' - 5800'	2 3/8"	4.7#	K-55
0' - 7760'	2 3/8"	4.7#	K-55



MERIDIAN OIL INC
SAN JUAN 29-7 UNIT #11A
T 29 N, R 7 W
1200' New Construction

All existing roads are located on privately owned lands.

APD MAP #1