

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-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 90A
4. Location of Well 1830' FSL, 925' FEL Latitude 36° 45.2, Longitude 107° 35.4	10. Field, Pool, Wildcat 72319 Blanco Mesa Verde/ 71599 Basin Dakota 11. Sec., Twn, Rge, Mer. (NMPM) I Sec 5, T-29-N, R-7-W API # 30-039-25566
14. Distance in Miles from Nearest Town 1 mile to Navajo City, NM	12. County Rio Arriba 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 925'	17. Acres Assigned to Well 315.94 E/2
16. Acres in Lease	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 2000'	
19. Proposed Depth 7530'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6090' 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	Date 3-12-96

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

Archaeological Report submitted by San Juan County Museum Assoc. Technical Report #95-DCA-054 dated 11/95
Threatened and Endangered Species Report to be submitted

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

NMOCD

APPROVED
AS AMENDED
MAR 15 1996
DISTRICT MANAGER

District I
PO Box 19 A, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Bravo 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 30-039-25566	Pool Code 72319/71599	Pool Name Blanco Mesaverde/Basin Dakota
Property Code 7465	Property Name San Juan 29-7 Unit	Well Number 90A
GRID No. 14538	Operator Name MERIDIAN OIL INC.	Elevation 6090'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	5	29 N	7 W		1830	South	925	East	R.A.

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

12 Dedicated Acres E/315.94	13 Joint or Infill E/315.94	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

16	5280.00'		
8	7	6	5
NM 5F-078951			
5			
5192.22'	5281.32'		

RECEIVED
MAR 1 9 1996
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

Peggy Bradfield
Signature
Peggy Bradfield
Printed Name
Regulatory Administrator
Title
3-12-96
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.
10-10-95

Date of Survey
Signature and Seal of Professional Surveyor

NEHE C. EDWARDS
8857
8857
Certificate Number

OPERATIONS PLAN

Well Name: San Juan 29-7 Unit #90A
Location: 1830' FSL, 925' FEL, Sec 5, T-29-N, R-7-W
 Rio Arriba County, NM
 Latitude 36° 45.2, Longitude 107° 35.4
Formation: Blanco Mesa Verde/Basin Dakota
Elevation: 6090' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	1911'	
Ojo Alamo	1911'	2089'	aquifer
Kirtland	2089'	2643'	
Fruitland	2643'	2939'	gas
Pictured Cliffs	2939'	3085'	gas
Lewis	3085'	3626'	gas
Intermediate TD	3235'		
Huerfanito Bentonite	3626'		
Chacra	3919'	4654'	
Massive Cliff House	4654'	4744'	gas
Menefee	4744'	5075'	gas
Point Lookout	5075'	5498'	gas
Mancos	5498'	6415'	
7" Drilling Liner TD	5648'		
Gallup	6415'	7073'	
Greenhorn	7073'	7128'	
Graneros	7128'	7180'	
Dakota	7180'	7431'	gas
Morrison	7431'		
TD (4 1/2" liner)	7530'		

Logging Program:

Mud Logger at 2643'.

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
200-3235'	LSND	8.4-9.0	30-60	no control
3235'-5648'	Gas	n/a	n/a	n/a
5648-7530'	KSND	8.4-9.0	30-60	no control

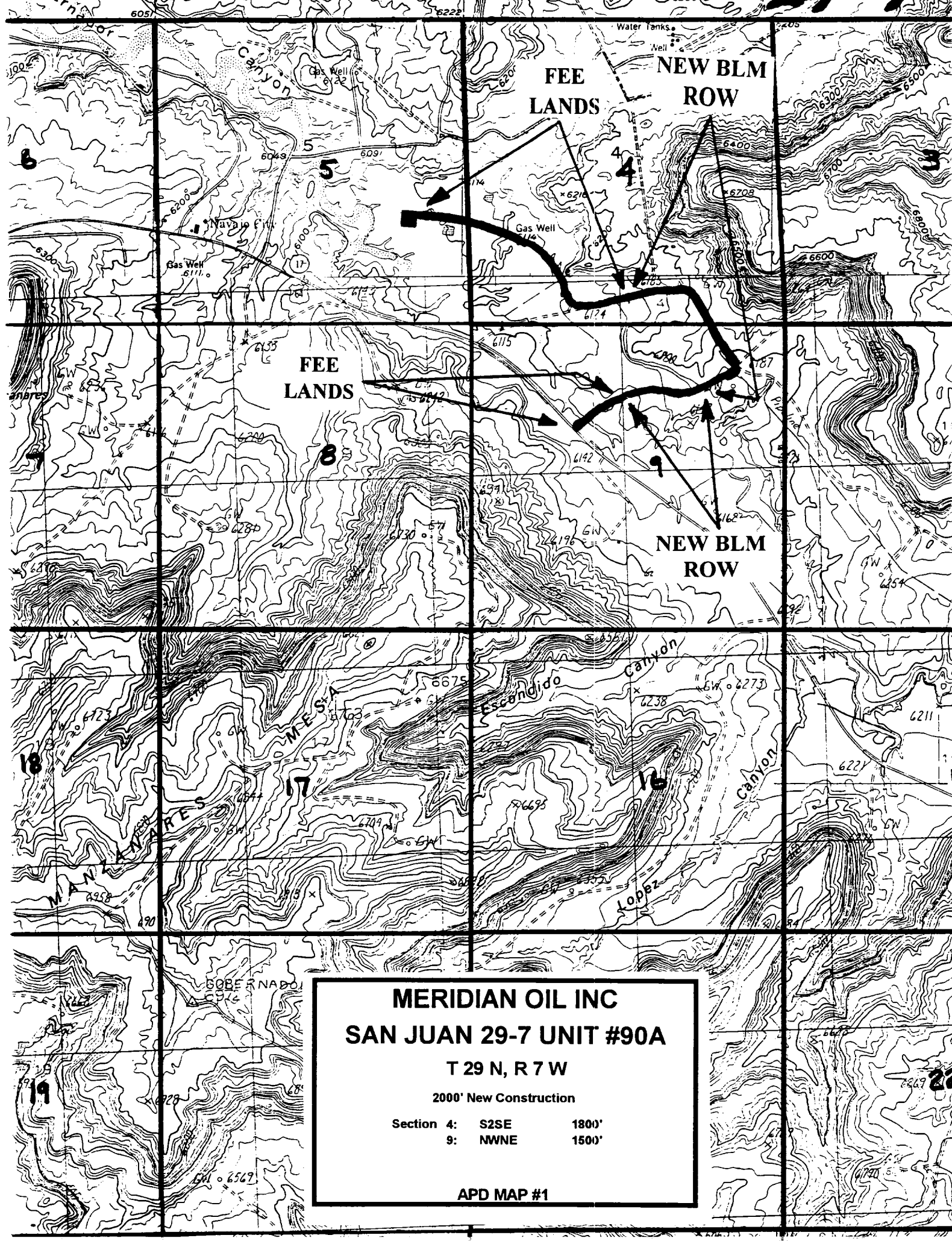
Pit levels will be visually monitored to detect gain or loss of fluid control.

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' - 3235'	9 5/8"	36.0#	K-55
	9 5/8" stage tool @ 2593'			
8 3/4"	3085' - 5648'	7"	23.0#	K-55 liner
6 1/4"	5498' - 7530'	4 1/2"	11.6#	N-80 liner

Tubing Program:

0' - 5800'	2 3/8"	4.7#	K-55
0' - 7530'	2 3/8"	4.7#	K-55



MERIDIAN OIL INC
SAN JUAN 29-7 UNIT #90A
T 29 N, R 7 W
2000' New Construction

Section 4:	S2SE	1800'
9:	NWNE	1500'

APD MAP #1