

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

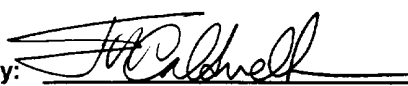
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APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR ~~PLUG BACK~~

OF ALBUQUERQUE, N.M.

1a. Type of Work DRILL	RECEIVED AUG - 4 1993 OIL CON. DIV DIST. 3	5. Lease Number Jic. Contract 96
1b. Type of Well GAS		6. If Indian, All. or Tribe Jicarilla Apache
2. Operator MERIDIAN OIL 14538	7. Unit Agreement Name	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name Jicarilla 96-7165	9. Well Number 3A
4. Location of Well 1650' FSL, 1850' FEL Latitude 36° 29' 54", Longitude 107° 05' 36"	10. Field, Pool, Wildcat Gavilan Pic. Cliffs 72360 Blanco Mesa Verde 72319	11. Sec., Twn, Rge, Mer. J Sec. 12, T-26-N, R-3-W NMPM
14. Distance in Miles from Nearest Town 5 miles to Ojito Store	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1650'	17. Acres Assigned to Well 320/160 E/2 SE/4	
16. Acres in Lease		
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 3000'		
19. Proposed Depth 6350'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 7150' GL	22. Approx. Date Work will Start 2nd quarter 1993	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by:  Regional Drilling Engineer	3/15/93 Date	

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY SHIRLEY MONDY

Acting AREA MANAGER

TITLE PIO BUERCO RESOURCE AREA

DATE AUG 2 1993

Archaeological Report submitted 11-16-92

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

NMCOO

Submit to Asst. Sec.
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-182
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Grande Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

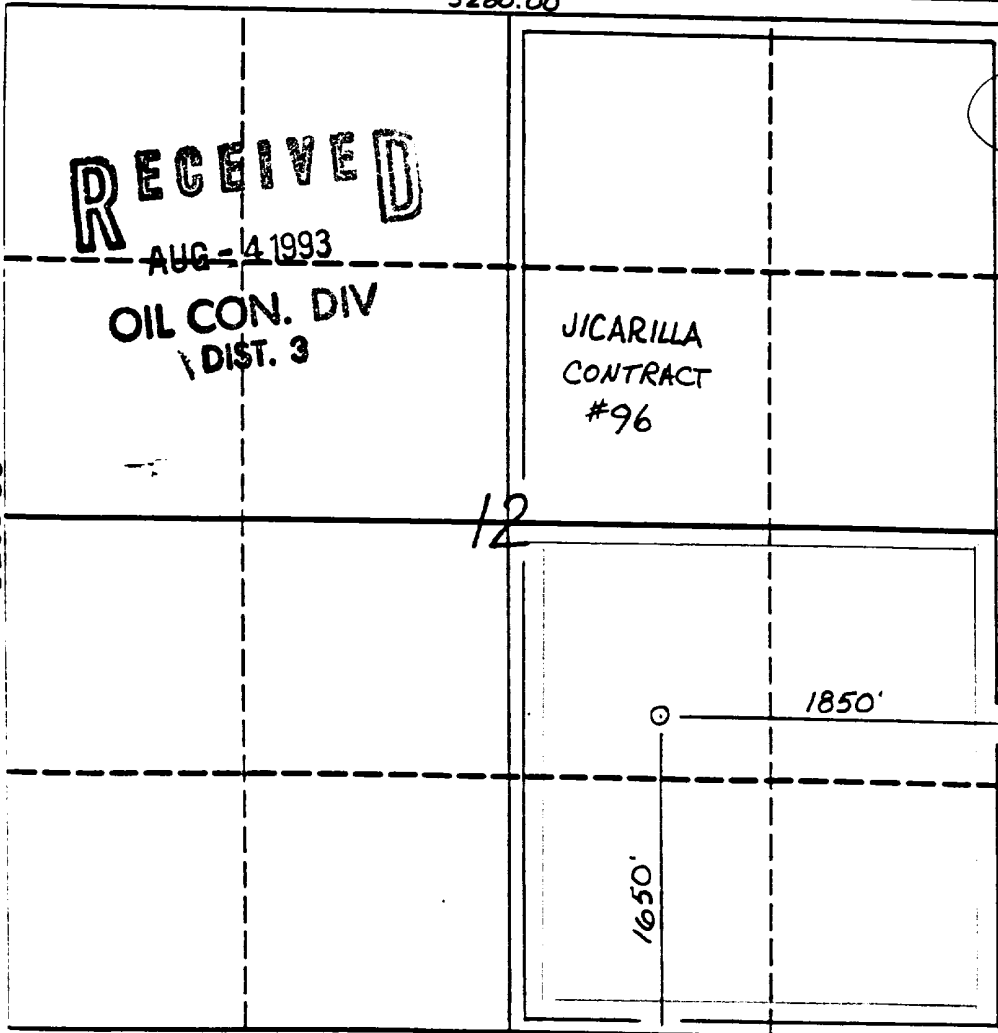
Operator Meridian Oil Inc.		Lease Jicarilla 96		Well No. 3A	
U.S. Letter J	Section 12	Township 26 North	Range 3 West	County Rio Arriba	
Actual Footage Location of Well: 1650 feet from the South line and 1850 feet from the East line					
Ground level Elev. 7150		Produce Formation Pic. Cliffs/Mesa Verde		Pool Gaviland/Blanco	
				Dedicated Acreage: 160/320 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or ink on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been considered by communication, instruction, force-pooling, etc.?
☒ Yes ☐ No If answer is "yes" type of consideration _____

If answer is "no" list the owners and tract descriptions which have actually been considered. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been considered (by communication, instruction, force-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.

5280.00



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

Position

Meridian Oil Inc.

Company

2-3-93

Date

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 knowledge and belief. 11-5-92

Date Surveyed

C. Edwards
Signature

Professional Surveyor

6857

Continuation No.

6857

March 10, 1993

OPERATIONS PLAN

Well Name: Jicarilla 96 #3A
Location: 1650'FSL, 1850'FEL Section 12, T-26-N, R-3-W
 Rio Arriba County, New Mexico
 Latitude 36° 29' 54", Longitude 107° 05' 36"
Formation: Gavilan Pictured Cliffs/Blanco Mesa Verde
Elevation: 7150'GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	3355'	
Ojo Alamo	3355'	3435'	aquifer
Kirtland	3435'	3485'	
Fruitland	3485'	3645'	gas
Pictured Cliffs	3645'	3850'	gas
Lewis	3850'	5450'	
Mesa Verde	5450'	5520'	gas & oil
Menefee	5520'	5845'	
Point Lookout	5845'	6345'	
Mancos	6345'		
Total Depth	6350'		

Logging Program:

Mud Logs/Coring/DST -
 Mud logs - 3400' to Total Depth
 Coring - none
 DST - none

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
200-6350'	LSND	8.4-9.1	30-60	no control

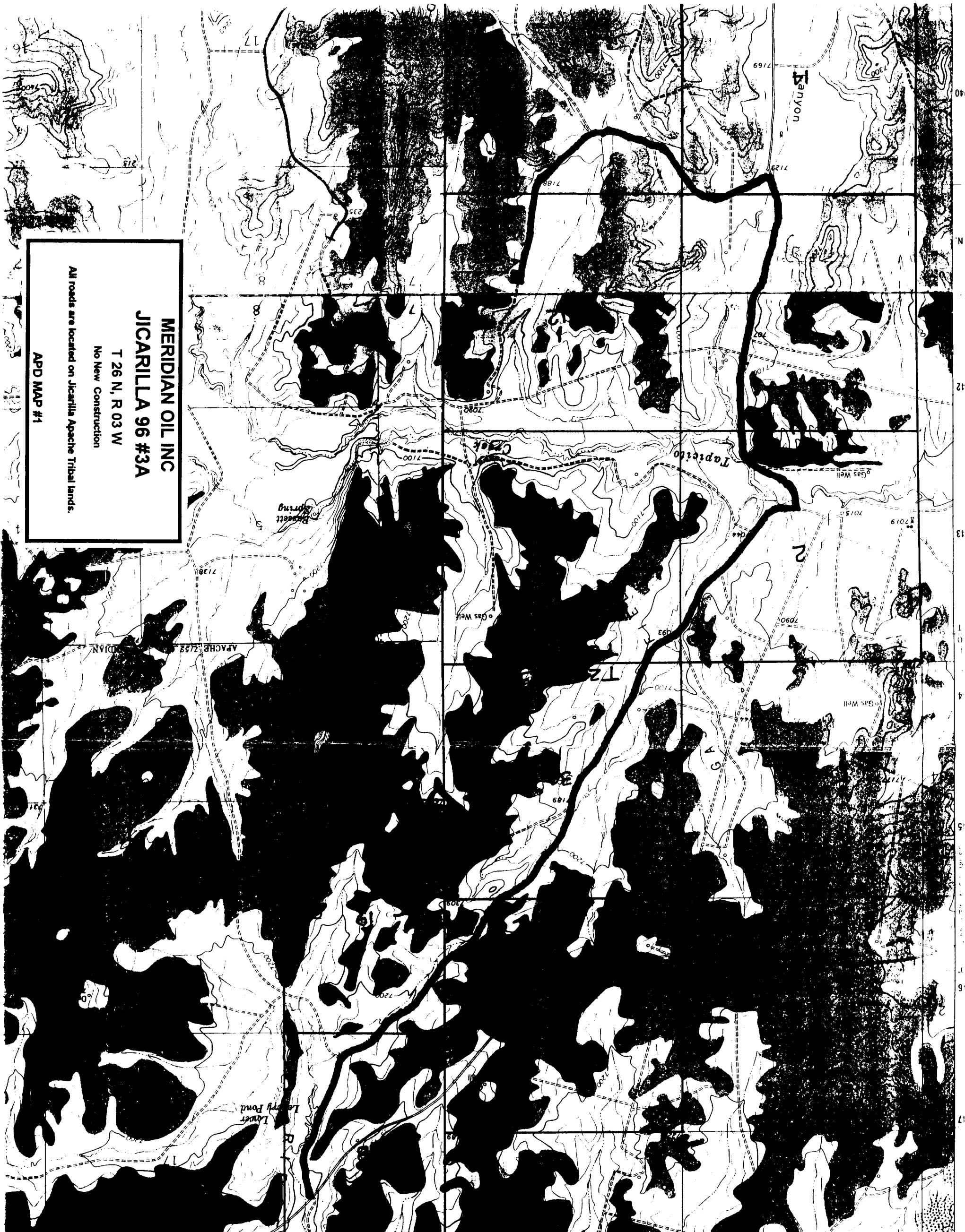
Pit levels will be visually monitored to detect gain or loss of fluid control.

Casing Program:

<u>Hole Size</u>	<u>Depth Interval</u>	<u>Csg.Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0' - 200'	8 5/8"	24.0#	K-55
7 7/8"	0' - 6350'	4 1/2"	10.5#	K-55

Tubing Program:

0' - 6350'	2 3/8"	4.7#	J-55 EUE
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MERIDIAN OIL INC
JICARILLA 96 #3A

T 26 N, R 03 W
No New Construction

All roads are located on Jicarilla Apache Tribal lands.

APD MAP #1