

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	RECEIVED SEP 19 1994	5. Lease Number Jic. Contract 95
1b. Type of Well GAS		6. If Indian, All. or Tribe Jicarilla Apache
2. Operator MERIDIAN OIL 14538	OIL CON. DIV. DIST. 3	7. Unit Agreement Name
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700		8. Farm or Lease Name 7164 Jicarilla 95 9. Well Number 11
4. Location of Well 880' FSL, 935' FEL Latitude 36° 32' 24", Longitude 107° 06' 28"		10. Field, Pool, Wildcat 96243 Wildcat Companero Gallup 71599 Basin Dakota 11. Sec., Twn, Rge, Mer. P Sec 26, T-27-N, R-3-W NMPM
14. Distance in Miles from Nearest Town 40 miles to Counselors, NM	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 880'	API #: 30-039-25457	
16. Acres in Lease	17. Acres Assigned to Well 160 SE/4; 320 E/2	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 180'		
19. Proposed Depth 8680'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 7310'	22. Approx. Date Work will Start 2nd quarter 1994	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>ER Bauer for</u> Regional Drilling Engineer	Date <u>3/29/94</u>	

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY (Original Signed) HECTOR A. VILLALOBOS TITLE AREA MANAGER
RIO PUERCO RESOURCE AREA DATE SEP 16 1994

Archaeological Report to be submitted
Threatened and Endangered Species Report to be submitted
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

Submit to appropriate
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

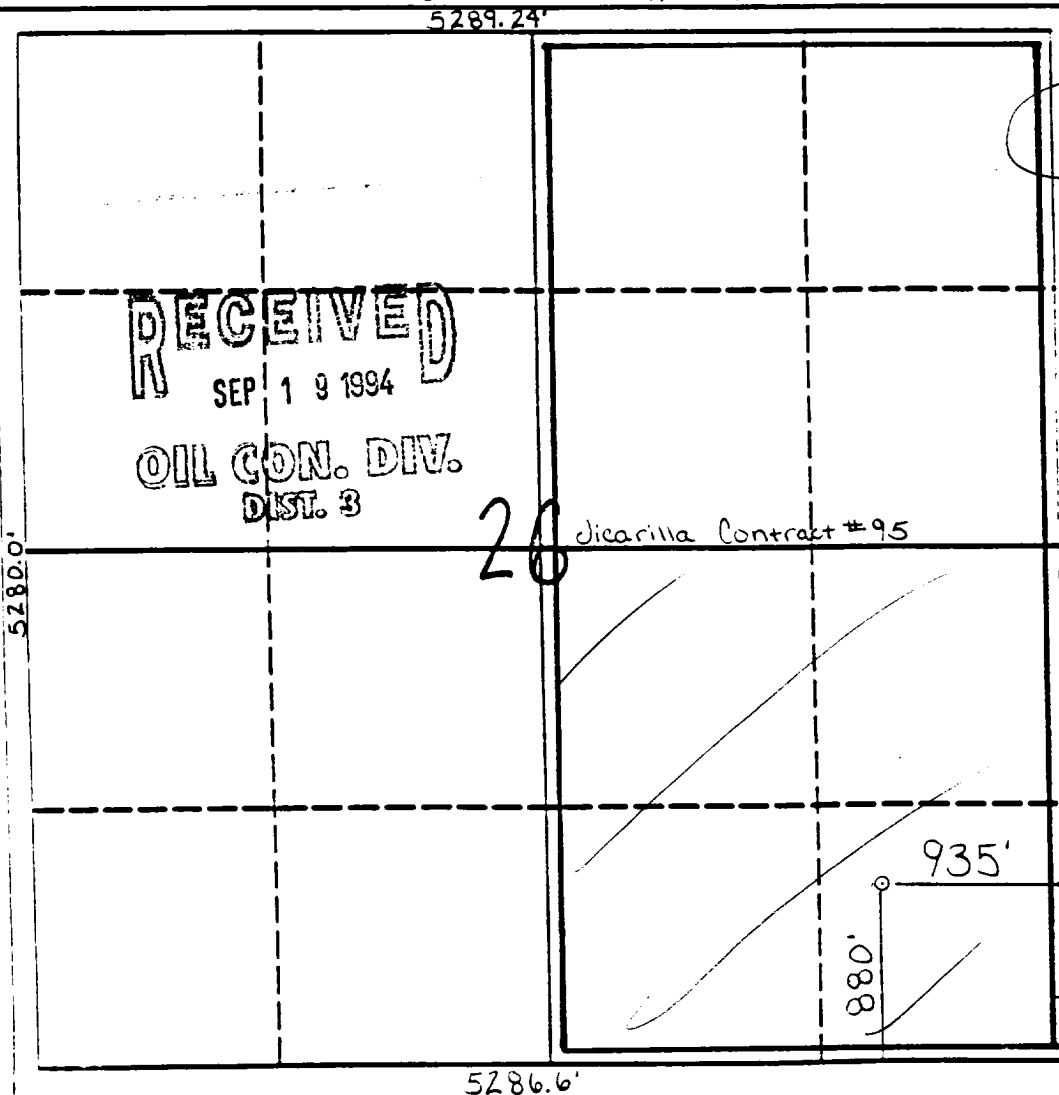
DISTRICT II
P.O. Drawer 00, Artesia, NM 88210

DISTRICT III
1000 Rio Bonito 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 95 Well No. 11
Unit Lease Section 26 Township 27 North Range 3 West County Rio Arriba
Actual Footage Location of Well: 880 feet from the South line and 935 feet from the East line
Ground level Elev. 7310' Producing Formation Gallup/Dakota Pool 96243 Dedicated Acreage: 160/320 Acres
1. Outline the acreage dedicated to the subject well by colored pencil or ink on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been considered by communication, unconsent, 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 allowance will be assigned to the well until all interests have been considered (by communication, unconsent, force-pooling, or otherwise) or until a non-consent suit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

I hereby certify that the information connected herein is true and complete to the best of my knowledge and belief.

Peggy Bradfield
Signature

Peggy Bradfield

Printed Name

Regulatory Representative

Position

Meridian Oil Inc.

Company

3-27-94

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. 10-23-93

Date Surveyed
Needle C. Edwards

Signature of Surveyor
Professional Surveyor

6857

California No.

6857

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September 9, 1994

OPERATIONS PLAN

Well Name: Jicarilla 95 #11
Location: 880' FSL, 935' FEL Section 26, T-27-N, R-3-W
 Rio Arriba County, New Mexico
 Latitude 36° 32' 24", Longitude 107° 06' 28"
Formation: Wildcat Companero Gallup/Basin Dakota
Elevation: 7310' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	3595'	
Ojo Alamo	3595'	3755'	aquifer
Kirtland	3755'	3855'	
Fruitland	3855'	3965'	gas
Pictured Cliffs	3965'	5770'	gas
Mesa Verde	5770'	5850'	salt water
Mencio	5850'	6100'	salt water
Point Lookout	6100'	6600'	gas & oil
Mancos	6600'	7165'	
Gallup	7165'	7815'	gas & oil
Juana Lopez	7815'	8115'	
Greenhorn	8115'	8175'	
Graneros	8175'	8240'	gas & oil
Dakota	8240'		gas & oil
Total Depth	8680'		

Logging Program:

Mud Logs/Coring/DST -
 Mud logs - 3550 to TD
 Coring - none
 DST - none
 Electric logs - DIL/SP/GR; CDL/CNL/GR; ML

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
200-4100'	LSND	8.4-9.1	30-60	no control
4100-8000'	Air	n/a		
8000-8600'	LSND	8.4-9.1	30-60	no control

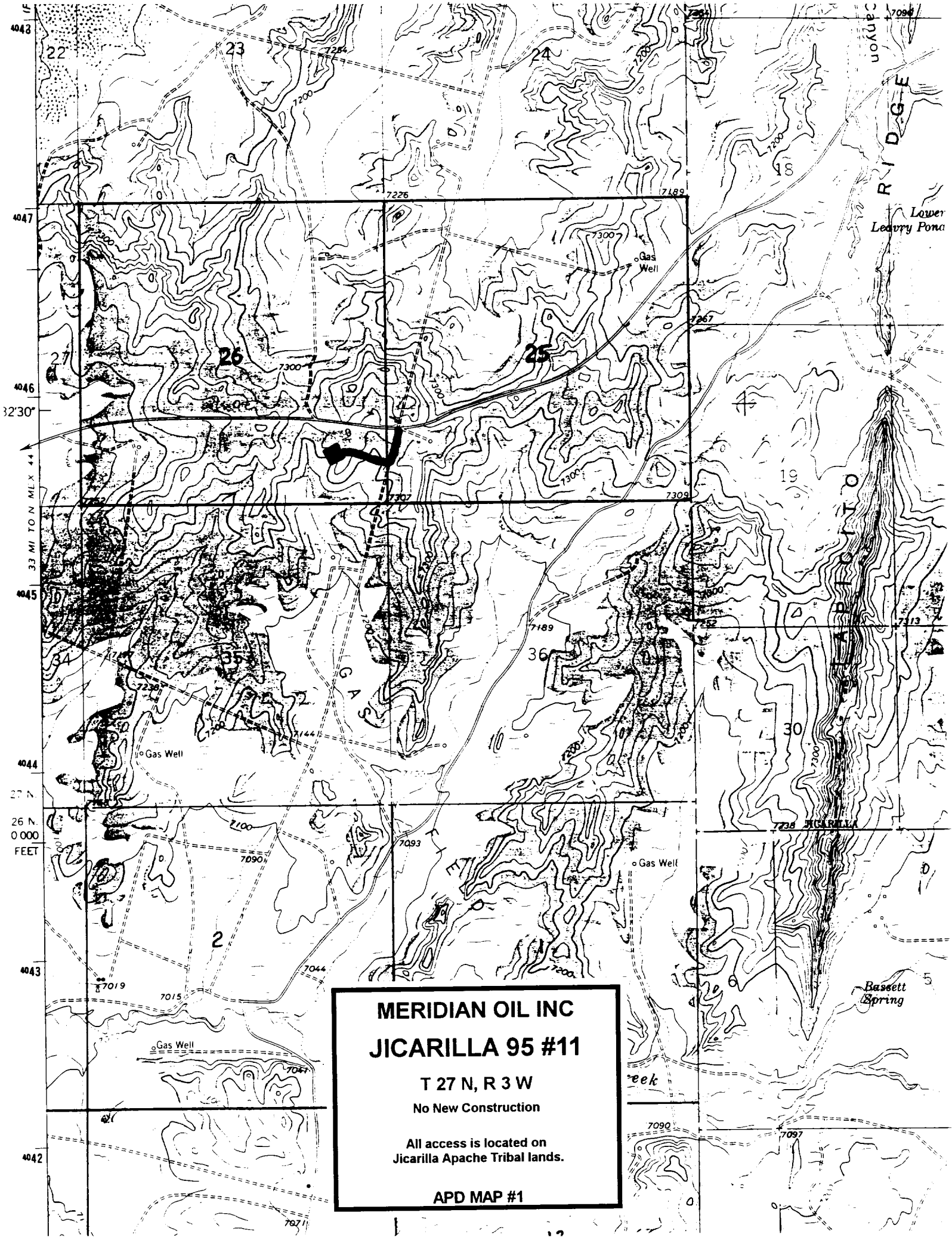
Pit levels will be visually monitored to detect gain or loss of fluid control.

Casing Program:

<u>Hole Size</u>	<u>Depth Interval</u>	<u>Csg. Size</u>	<u>Wt.</u>	<u>Grade</u>
17 1/2"	0' - 200'	13 3/8"	54.5#	K-55
12 1/4"	0' - 3271'	9 5/8"	36.0#	K-55
12 1/4"	3271' - 4100'	9 5/8"	40.0#	K-55
8 3/4"	3950' - 6900'	7"	23.0#	K-55
8 3/4"	6900' - 8000'	7"	26.0#	L-80
6 1/8"	7850' - 8680'	4 1/2"	11.6#	N-80

Tubing Program:

0' - 8650' 2 3/8" 4.7# J-55 EUE



MERIDIAN OIL INC
JICARILLA 95 #11

T 27 N, R 3 W
No New Construction

All access is located on
Jicarilla Apache Tribal lands.

APD MAP #1