

Acrid: 14538
Prop: 7167
Pool: 85920, 72319

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK N.M.

010 ALBUQUERQUE 70-039-25307

1a. Type of Work DRILL	5. Lease Number Jicarilla Contract 98
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 98 7167 9. Well Number 11
4. Location of Well 1165' FNL, 1450' FEL Latitude 36° 29' 26", Longitude 108° 10' 53"	10. Field, Pool, Wildcat Tapacitos Pic Cliffs/ 85920 Blanco Mesa Verde 72319 11. Sec., Twn, Rge, Mer. 15 Sec 18, T-26-N, R-3-W NMPM
14. Distance in Miles from Nearest Town 35 miles to Dulce, NM	12. County Rio Arriba 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1165'	17. Acres Assigned to Well 160 (NE/4) & 320 (N/2)
16. Acres in Lease	
18. Distance from Proposed Location to Nearest Well, Drig. Cont. or Applied for on this Lease 500'	20. Rotary or Cable Tools Rotary
19. Proposed Depth 6470'	
21. Elevations (DF, FT, GR, Etc.) 7078' GR	22. Approx. Date Work will Start 3rd quarter 1993
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: <u>Donald E. Walker</u> Regional Drilling Engineer	<u>7/29/93</u> Date

PERMIT NO. _____

APPROVED BY SHIRLEY MONDY

APPROVAL DATE _____
Acting AREA MANAGER
TITLE RIO PUERCO RESOURCE AREA DATE AUG 19 1993

Archaeological Report submitted 7-5-93 /JAAS
Threatened and Endangered Species Report submitted
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

NMOCD

Schedule to Assignment
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, Arama, NM 88210

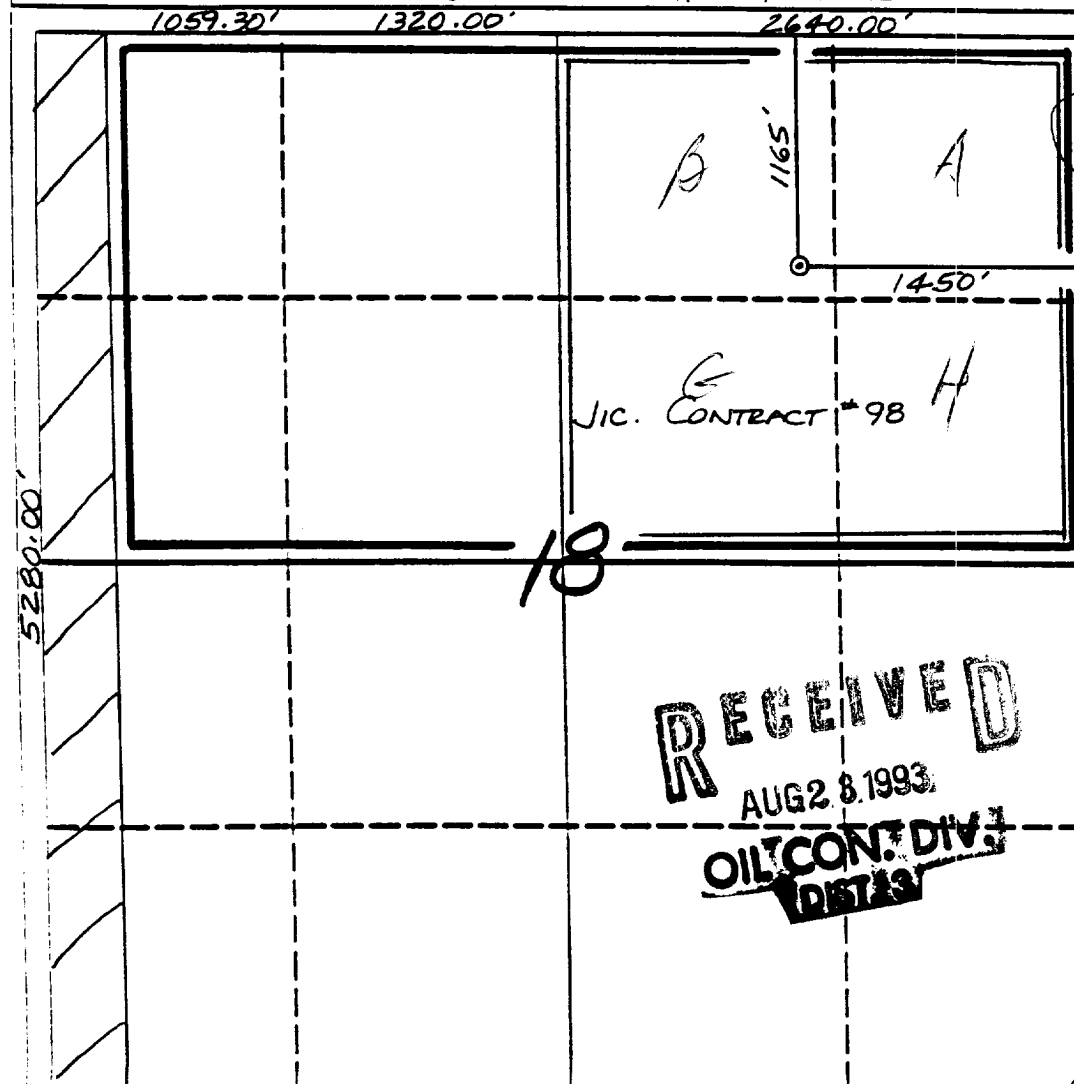
DISTRICT III
1000 Rio Grande Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator		Lease		Well No.	
Meridian Oil Inc.		Jicarilla 98		11	
Unit Letter	Section	Township	Range	County	
B	18	26 North	3 West	NM/M	
Actual Footage Location of Well:					
1165 feet from the		North	line and	1450 feet from the	East
Ground level Elev.		Producing Formation		Pool	
7078'		Pictured Cliffs/Mesa Verde		Tapacitos/Blanco	
				Debitment Average:	
				160/320 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or machine marks 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 consolidated by commutation, unconsolidation, force-pooling, etc.?
☐ Yes ☐ No If answer is "yes" type of consolidation _____
If answer is "no" list the owners and their descriptions which have actually been consolidated. (Use reverse side of this form if necessary).
No allowance will be assigned to the well until all interests have been consolidated (by commutation, unconsolidation, force-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



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 Representative

Position

Meridian Oil Inc.

Company

7-28-93

Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was placed from field notes 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.

6-22-93

Date Surveyed

C. Edwards
Name

Professional Surveyor

3357

Signature No.

July 29, 1993

OPERATIONS PLAN

Well Name: Jicarilla 98 #11
Location: 1165'FNL, 1450'FEL Section 18, T-26-N, R-3-W
 Rio Arriba County, New Mexico
 Latitude 36° 29' 26", Longitude 108° 10' 53"
Formation: Tapacitos Pictured Cliffs/Blanco Mesa Verde
Elevation: 7078'GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	3350'	
Ojo Alamo	3350'	3470'	aquifer
Kirtland	3470'	3560'	
Fruitland	3560'	3755'	gas
Pictured Cliffs	3755'	3950'	gas
Lewis	3950'	4710'	
Chacra	4710'	5445'	gas
Mesa Verde	5445'	5545'	gas
Menefee	5545'	5920'	gas
Point Lookout	5920'	6470'	gas
Total Depth	6470'		

Logging Program:

Mud Logs/Coring/DST -
 Mud logs - 3500' 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
200-6470'	LSND	8.4-9.1	30-60	no control

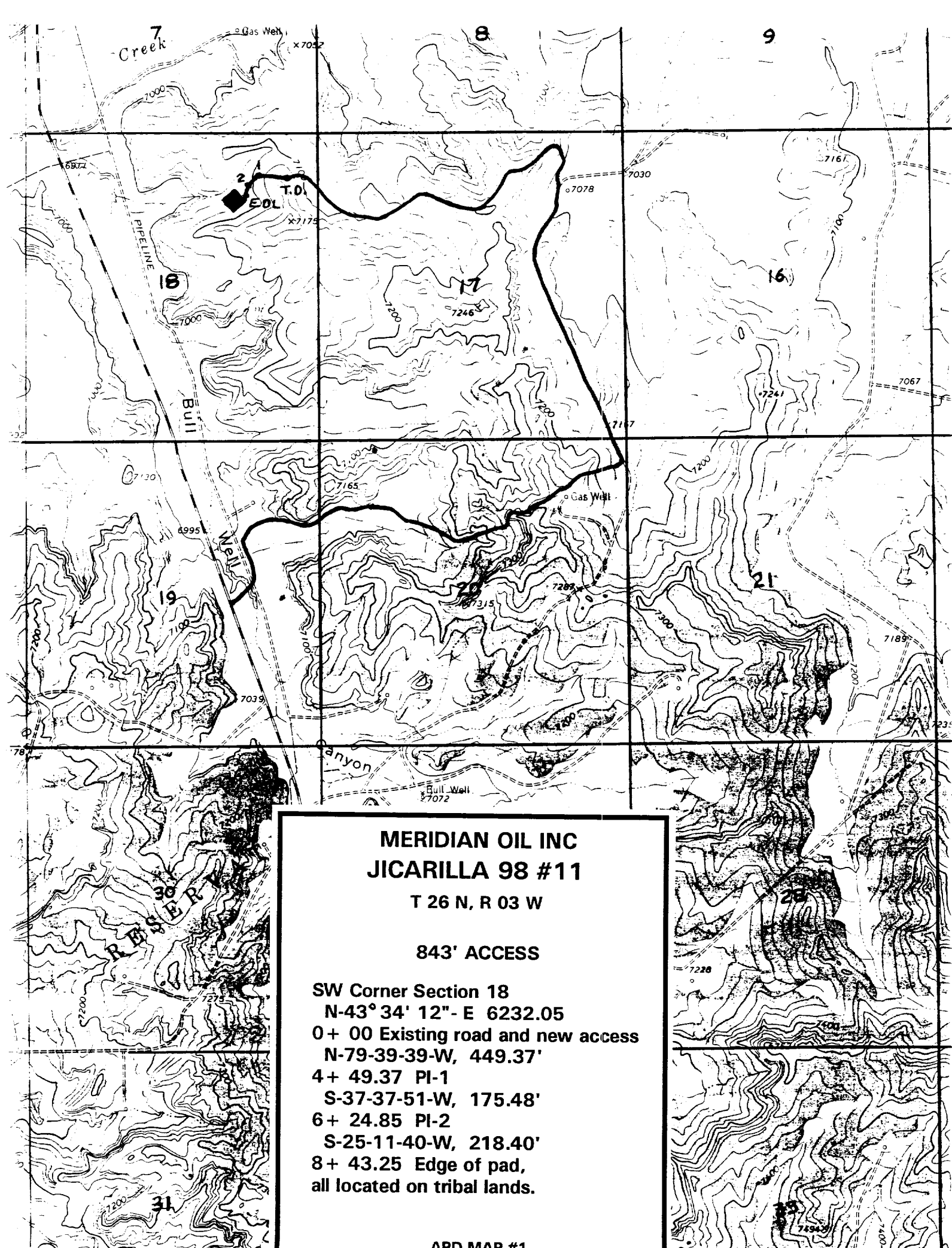
Pit levels will be visually monitored to detect gain or loss of fluid control.

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' - 6470'	4 1/2"	10.5#	K-55

Tubing Program:

0' - 6470' 2 3/8" 4.7# J-55 EUE



**MERIDIAN OIL INC
JICARILLA 98 #11**

T 26 N, R 03 W

843' ACCESS

SW Corner Section 18

N-43° 34' 12"- E 6232.05

0+ 00 Existing road and new access

N-79-39-39-W, 449.37'

4+ 49.37 PI-1

S-37-37-51-W, 175.48'

6+ 24.85 PI-2

S-25-11-40-W, 218.40'

**8+ 43.25 Edge of pad,
all located on tribal lands.**