

Grid: 14538
Ref: 7167
Pool: 85920, 72319

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

95 AUG -3 AM 9:31

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

BLM DIST. 3 RIO PUERTO RESOURCE AREA, N.M.

30-037-25305

1a. Type of Work DRILL	RECEIVED AUG 30 1993	5. Lease Number Jicarilla Contract 98
1b. Type of Well GAS		6. If Indian, All. or Tribe Jicarilla Apache
2. Operator MERIDIAN OIL 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 Jicarilla 98 9. Well Number 10A
4. Location of Well 1865' FSL, 1360' FEL Latitude 36° 29' 03", Longitude 108° 09' 48"		10. Field, Pool, Wildcat Tapacitos Pic Cliffs/ Blanco Mesa Verde 11. Sec., Twn, Rge, Mer. J Sec 17, 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 1360'		
16. Acres in Lease	17. Acres Assigned to Well 160 (SE/4) & 320 (S/2)	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 2000'		
19. Proposed Depth 6495'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 7128' 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 C. Libben</u> Regional Drilling Engineer	<u>7/29/93</u> Date	

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY SHIRLEY MONDY Acting TITLE AREA MANAGER DATE AUG 26 1993
RIO PUERTO RESOURCE AREA

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

APPROVED AS AMENDED

Held C-104 For NSL (E) NMOC

Schedule to Appropriation
District Office
State Leases - 4 copies
Fee Leases - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
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

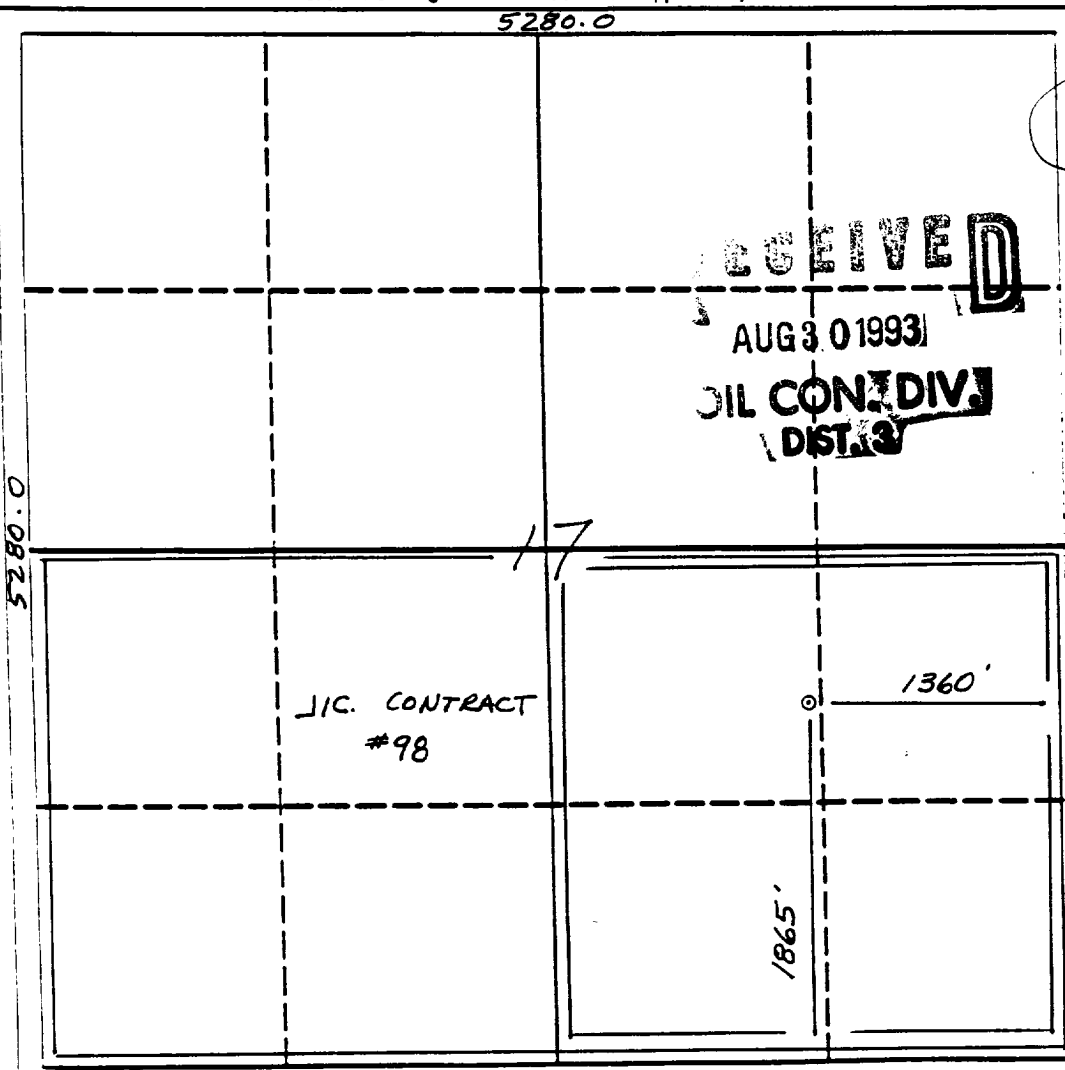
DISTRICT III
1000 Rio Grande S.E., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Meridian Oil Inc.			Lease Jicarilla 98		Well No. 10A
Unit Letter J	Section 17	Township 26 North	Range 3 West	County NMNM	Rio Arriba
Actual Footage Location of Well: 1865 feet from the South line and 1360 feet from the East line					
Cement level Elev. 7128'	Producing Formation Pictured Cliffs/Mesa Verde			Pool Tapacitos/Blanco	Dedicated Acreage 160/320 Acres

- Outline the acreage dedicated to the subject well by colored pencil or Indian 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, unitization, force-pooling, etc.?
☐ Yes ☐ No If answer is "yes" type of consolidation _____
If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary).
No allowable will be assigned to the well until all interests have been consolidated (by commutation, unitization, 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 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.

6-28-93

Date Surveyed

C. Edwards
Name

Professional Surveyor

6857

Contract No.

6857

July 29, 1993

OPERATIONS PLAN

Well Name: Jicarilla 98 #10A
Location: 1865'FSL, 1360'FEL Section 17, T-26-N, R-3-W
 Rio Arriba County, New Mexico
 Latitude 36° 29' 03", Longitude 108° 09' 48"
Formation: Tapacitos Pictured Cliffs/Blanco Mesa Verde
Elevation: 7128'GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	3390'	
Ojo Alamo	3390'	3510'	aquifer
Kirtland	3510'	3575'	
Fruitland	3575'	3810'	gas
Pictured Cliffs	3810'	3990'	gas
Lewis	3990'	4750'	
Chacra	4750'	5490'	gas
Mesa Verde	5490'	5560'	gas
Menefee	5560'	5945'	gas
Point Lookout	5945'	6495'	gas
Total Depth	6495'		

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
200-6495'	LSND	8.4-9.1	30-60	no control

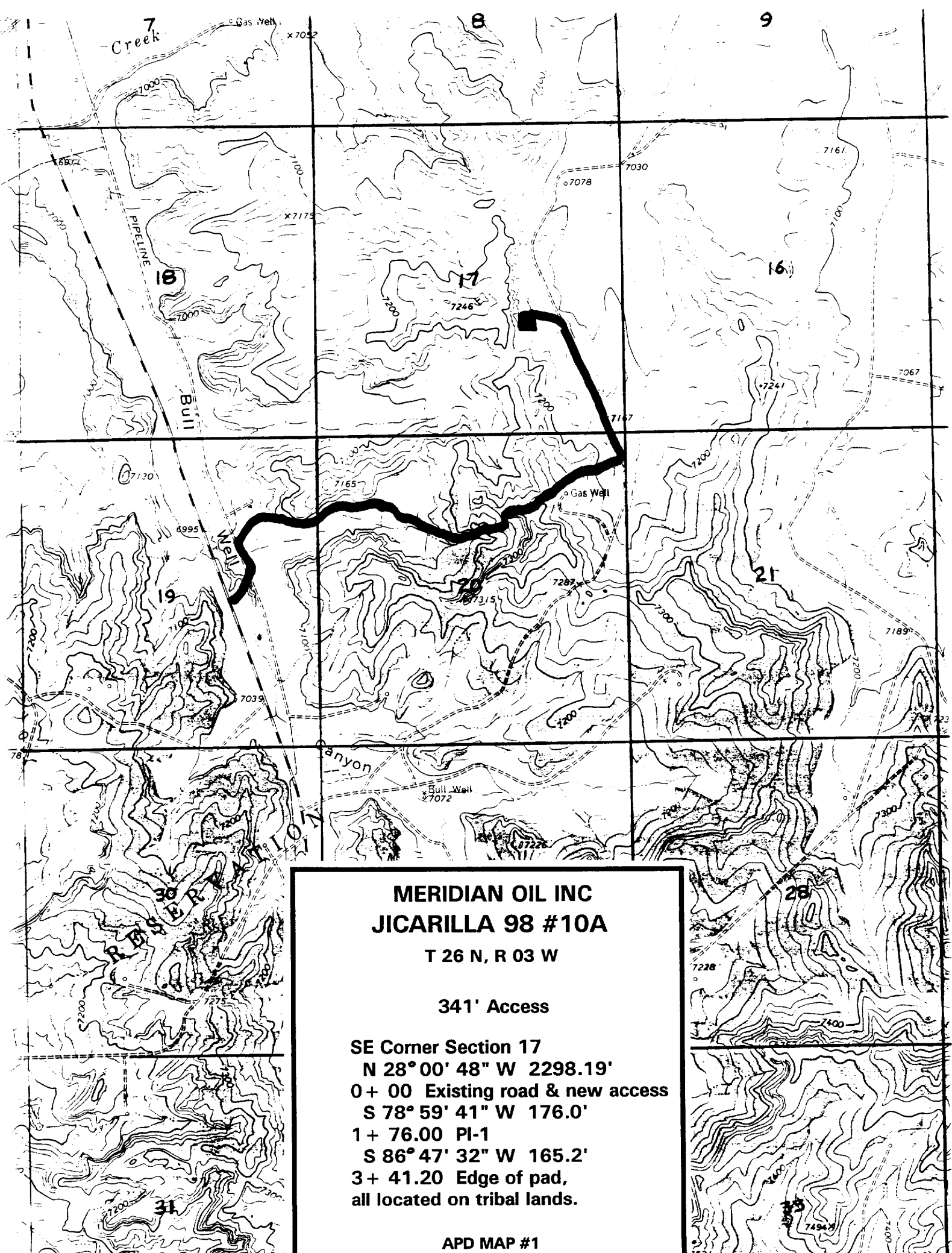
Pit levels will be visually monitored to detect gain or loss of fluid control.

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' - 6495'	4 1/2"	10.5#	K-55

Tubing Program:

0' - 6495' 2 3/8" 4.7# J-55 EUE



**MERIDIAN OIL INC
JICARILLA 98 #10A**

T 26 N, R 03 W

341' Access

SE Corner Section 17

N 28° 00' 48" W 2298.19'

0+ 00 Existing road & new access

S 78° 59' 41" W 176.0'

1+ 76.00 PI-1

S 86° 47' 32" W 165.2'

**3+ 41.20 Edge of pad,
all located on tribal lands.**

APD MAP #1