

Ogrod: 14538
Prop: 7167
Pool: 85920, 72319

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-039-25308

RECEIVED
BLM

93 AUG -3 AM 9:32

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

010 ALBUQUERQUE, N.M.

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	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 11A
4. Location of Well 1850' FNL, 1840' FWL Latitude 36° 29' 19", Longitude 107° 11' 15"	10. Field, Pool, Wildcat Tapacitos Pic Cliffs/ Blanco Mesa Verde 11. Sec., Twn, Rge, Mer. F 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
15. Distance from Proposed Location to Nearest Property or Lease Line 1840'	13. State NM
16. Acres in Lease	17. Acres Assigned to Well 160 (NW/4) & 320 (N/2)
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 800'	
19. Proposed Depth 6310'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6930' 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. L. L. L.</u> Regional Drilling Engineer	<u>7/29/93</u> Date

PERMIT NO. _____

APPROVAL DATE
Acting AREA MANAGER

APPROVED BY SHIRLEY MONDY

TITLE RIO PUERCO RESOURCE AREA DATE AUG 26 1993

Archaeological Report submitted 7-5-93 f/JAAS

Threatened and Endangered Species Report submitted

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

Hold C-104 for NSL
(2)

APPROVED AS AMENDED

NIMOC

Submit to Assessor
District Office
State Lands - 4 copies
Fee Lands - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-182
Revised 1-1-89

OIL CONSERVATION DIVISION

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

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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

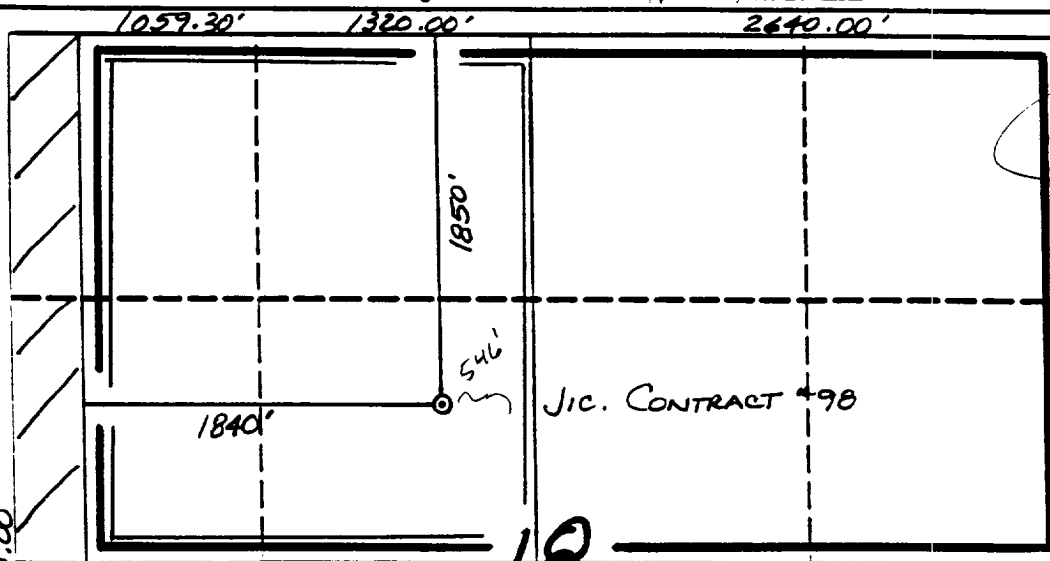
DISTRICT III
1000 Rio Arriba Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Meridian Oil Inc.		Lease Jicarilla 98		Well No. 11A
Unit/Letter F	Section 18	Township 26 North	Range 3 West	County Rio Arriba
Actual Forage Location of Well: 1850' North 1840' West				
Gross Area Elev. 6930'				
Producing Formation Pictured Cliffs/Mesa Verde				
Pool Tapacitos/Blanco				
Dedicated Acreage 160/320 Acres				

- Outline the acreage dedicated to the subject well by corner point or location 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 their 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.

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 & 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

Nebraska Affidavits

Signature of Surveyor
Professional Surveyor

License No. 9357

Signature of Operator

Signature of Assessor

Signature of Notary

Signature of Clerk

Signature of Treasurer

July 29, 1993

OPERATIONS PLAN

Well Name: Jicarilla 98 #11A
Location: 1850'FNL, 1840'FWL Section 18, T-26-N, R-3-W
 Rio Arriba County, New Mexico
 Latitude 36° 29' 19", Longitude 107° 11' 15"
Formation: Tapacitos Pictured Cliffs/Blanco Mesa Verde
Elevation: 6930'GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	3150'	
Ojo Alamo	3150'	3330'	aquifer
Kirtland	3330'	3440'	
Fruitland	3440'	3620'	gas
Pictured Cliffs	3620'	3805'	gas
Lewis	3805'	4565'	
Chacra	4565'	5300'	gas
Mesa Verde	5300'	5400'	gas
Menefee	5400'	5760'	gas
Point Lookout	5760'	6310'	gas
Total Depth	6310'		

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
200-6310'	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' - 6310'	4 1/2"	10.5#	K-55

Tubing Program:

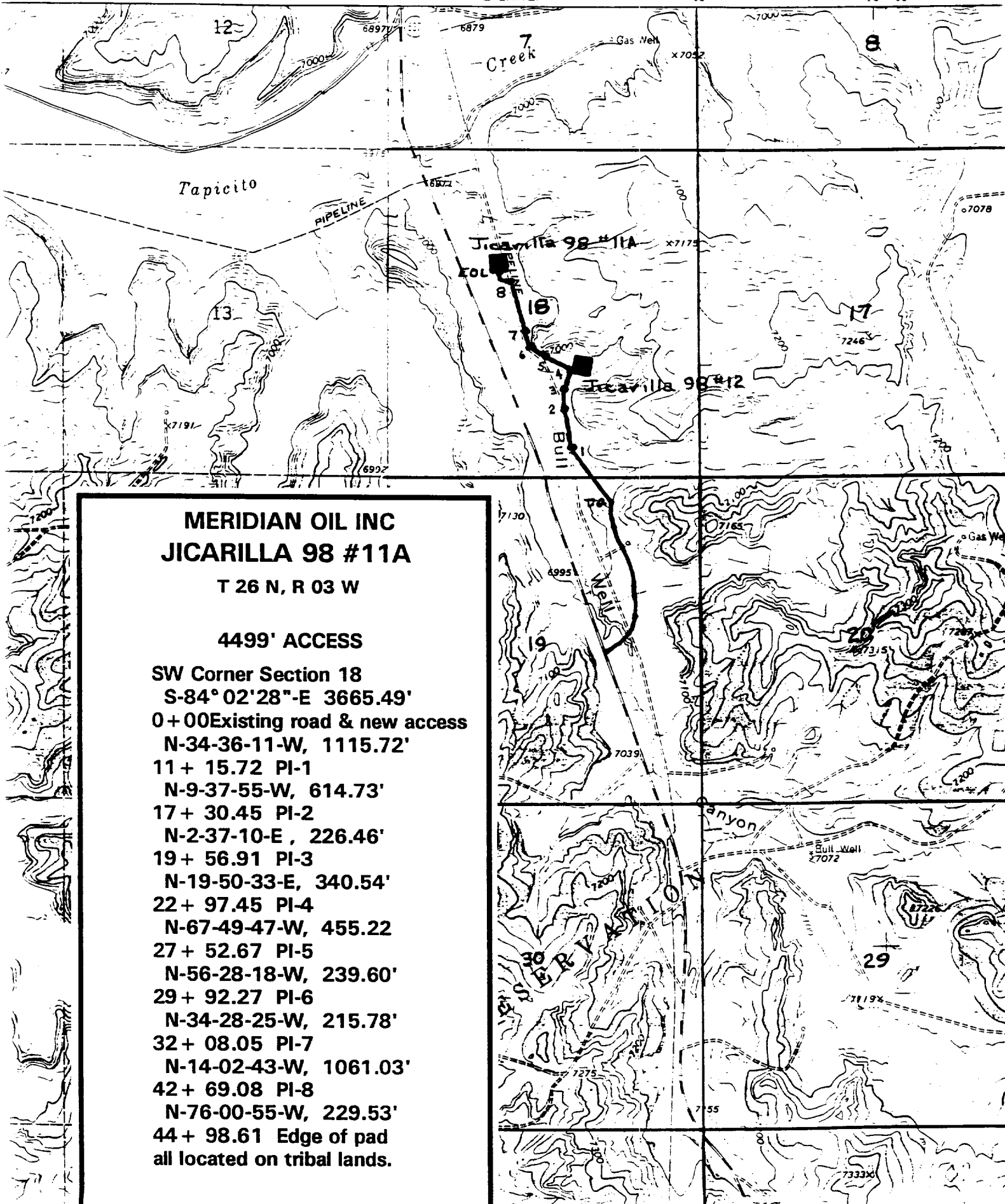
0' - 6310' 2 3/8" 4.7# J-55 EUE

302 1230

-557 11 SW
PINE LAKE

305

10' 306



MERIDIAN OIL INC
JICARILLA 98 #11A

T 26 N, R 03 W

4499' ACCESS

SW Corner Section 18

S-84° 02' 28"-E 3665.49'

0+00 Existing road & new access

N-34-36-11-W, 1115.72'

11+ 15.72 PI-1

N-9-37-55-W, 614.73'

17+ 30.45 PI-2

N-2-37-10-E, 226.46'

19+ 56.91 PI-3

N-19-50-33-E, 340.54'

22+ 97.45 PI-4

N-67-49-47-W, 455.22

27+ 52.67 PI-5

N-56-28-18-W, 239.60'

29+ 92.27 PI-6

N-34-28-25-W, 215.78'

32+ 08.05 PI-7

N-14-02-43-W, 1061.03'

42+ 69.08 PI-8

N-76-00-55-W, 229.53'

44+ 98.61 Edge of pad

all located on tribal lands.