

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-039-25309

RECEIVED
BLM

93 AUG -3 AM 9:32

APPLICATION FOR PERMIT TO DRILL, DEEPLY, OR PLUG BACK

DIC 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 12
4. Location of Well 1785' FSL, 1850' FEL Latitude 36° 29' 02", Longitude 107° 10' 58"	10. Field, Pool, Wildcat Tapacitos Pic Cliffs/ Blanco Mesa Verde 11. Sec., Twn, Rge, Mer. J 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 1785'	13. State NM
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 2600'	
19. Proposed Depth 6330'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6970' 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. [Signature]</u> Regional Drilling Engineer	<u>7/24/93</u> Date

PERMIT NO.

SHIRLEY MONDY

APPROVAL DATE

APPROVED BY

Acting AREA MANAGER

TITLE RIO PUERCO RESOURCE AREA

DATE

AUG 26 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

APPROVED AS AMENDED

NMOCD

Submit to Assessor
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 Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

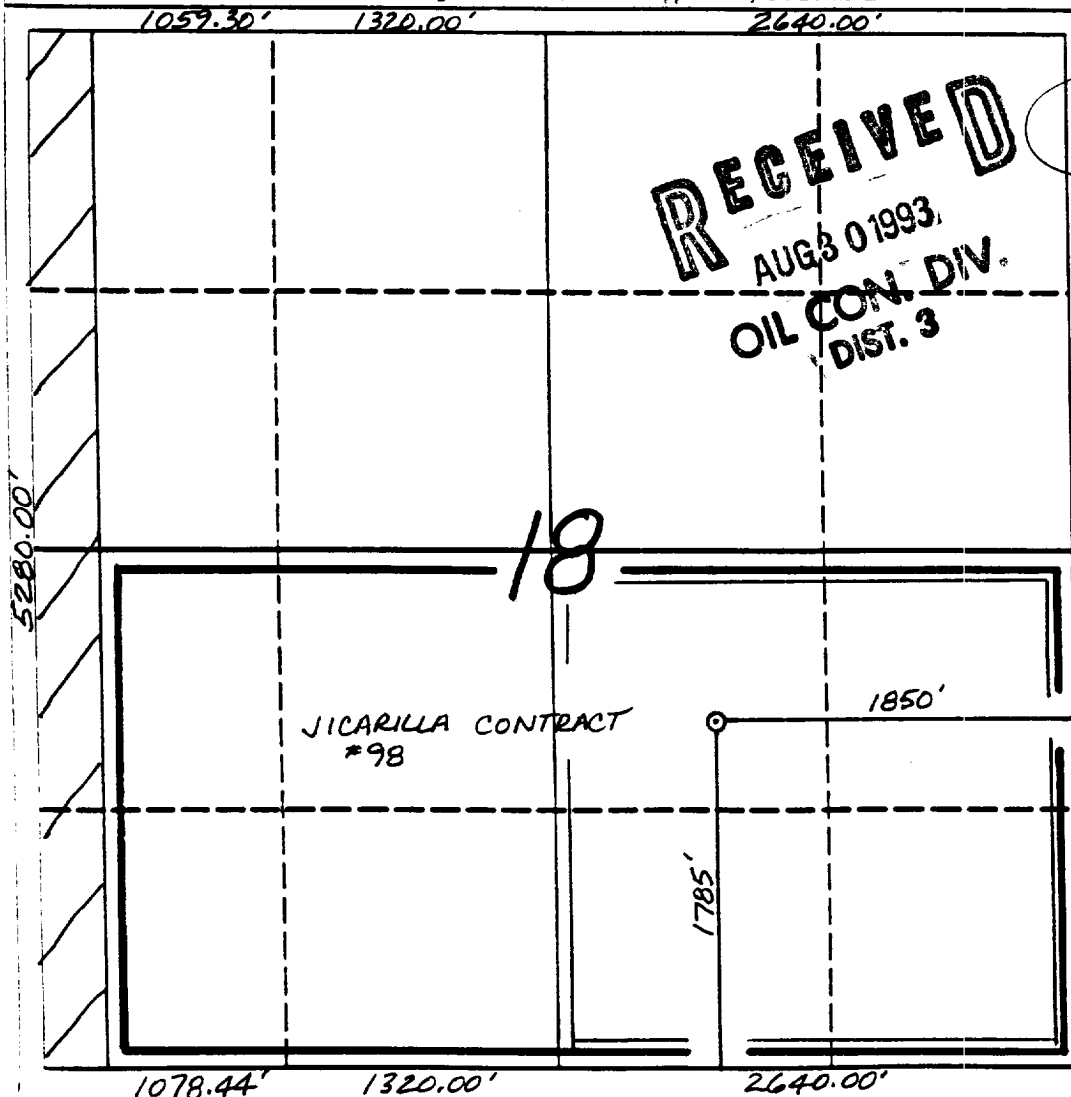
All Distances must be from the outer boundaries of the section

Operator Meridian Oil Inc.		Lease Jicarilla 98		Well No. 12
Unit Letter J	Section 18	Township 26 North	Range 3 West	County Rio Arriba
Actual Footage Location of Well: 1785 feet from the South line and 1850 feet from the East line				
Ground level Elev. 6970'	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 lacquer 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 communitization, 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 communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



RECEIVED
AUG 30 1993
OIL CON. DIV.
DIST. 3

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

Date
7-28-93

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. 6-22-93

Date Surveyed
Neal C. Edwards

Signature of State Professional Surveyor

6857

Certificate No.

6857

July 29, 1993

OPERATIONS PLAN

Well Name: Jicarilla 98 #12
Location: 1785'FSL, 1850'FEL Section 18, T-26-N, R-3-W
 Rio Arriba County, New Mexico
 Latitude 36° 29' 02", Longitude 107° 10' 58"
Formation: Tapacitos Pictured Cliffs/Blanco Mesa Verde
Elevation: 6970'GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	3175'	
Ojo Alamo	3175'	3355'	aquifer
Kirtland	3355'	3465'	
Fruitland	3465'	3645'	gas
Pictured Cliffs	3645'	3830'	gas
Lewis	3830'	4590'	
Chacra	4590'	5325'	gas
Mesa Verde	5325'	5425'	gas
Menefee	5425'	5780'	gas
Point Lookout	5780'	6330'	gas
Total Depth	6330'		

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
200-6330'	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' - 6330'	4 1/2"	10.5#	K-55

Tubing Program:

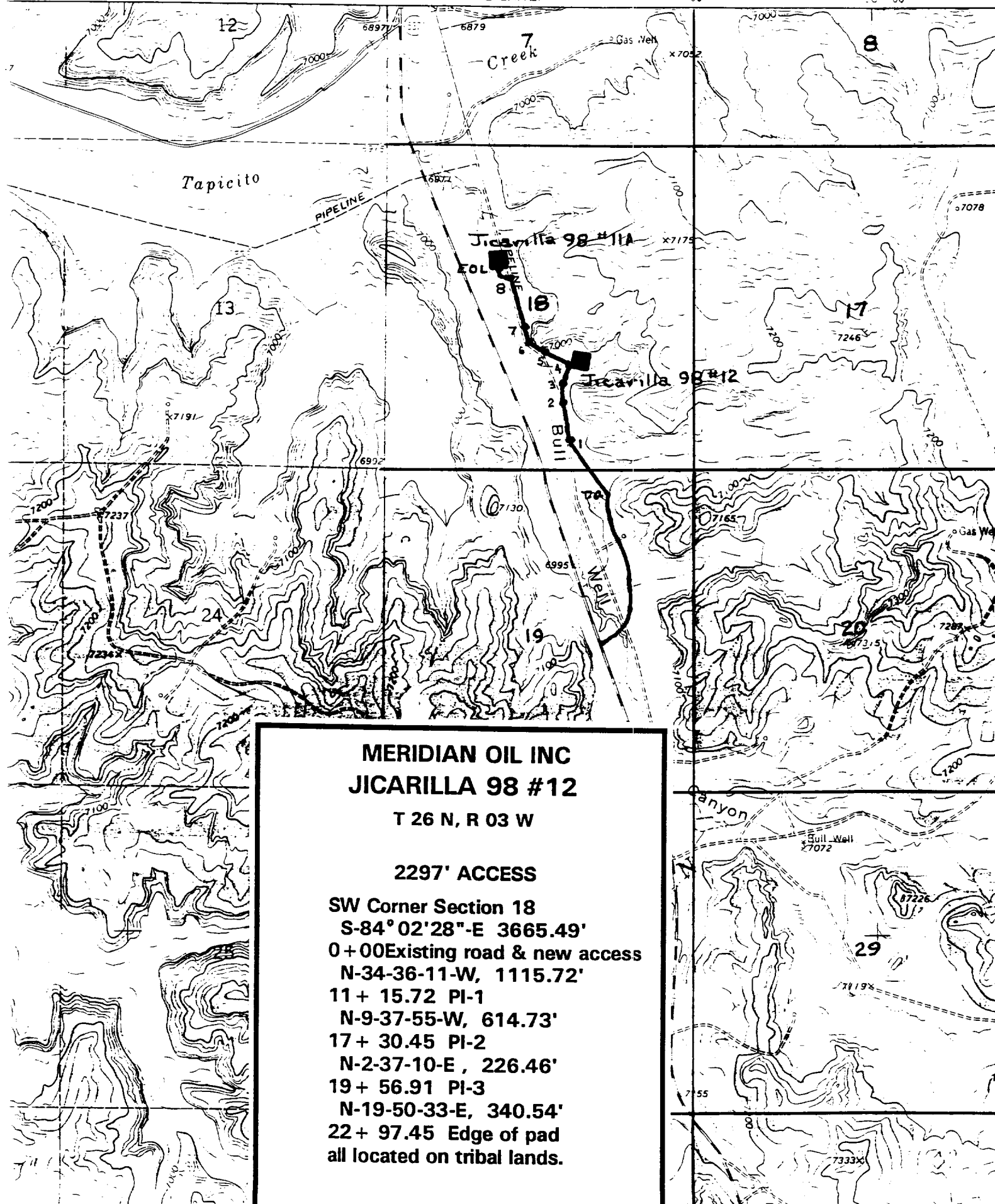
0' - 6330'	2 3/8"	4.7#	J-55 EUE
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302 12'30"

4557 11 SW
(PINE LAKE)

305

10' 306



**MERIDIAN OIL INC
JICARILLA 98 #12**

T 26 N, R 03 W

2297' 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 Edge of pad
all located on tribal lands.**