

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
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 Brazos Rd., Aztec, NM 87410

API NO. (assigned by OCD on New Wells)

30-025-30735

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

V-1357

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL ☒

RE-ENTER ☐

DEEPEN ☐

PLUG BACK ☐

b. Type of Well:

OIL
WELL ☒

GAS
WELL ☐

OTHER ☐

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

7. Lease Name or Unit Agreement Name

Mitchell State "16"

2. Name of Operator

Meridian Oil Inc.

8. Well No.

1

3. Address of Operator

21 Desta Drive, Midland, Texas 79705

9. Pool name or Wildcat

North Young (Wolfcamp)

4. Well Location

Unit Letter H : 1650 Feet From The North Line and 990 Feet From The East Line

Section 16

Township 18 South

Range 32 East

NMPM

Lea County

10. Proposed Depth

11,250'

11. Formation

Wolfcamp

12. Rotary or C.T.

Rotary

13. Elevations (Show whether DF, RT, GR, etc.)

3791' GR

14. Kind & Status Plug. Bond

Blanket

15. Drilling Contractor

Unknown Now

16. Approx. Date Work will start

12/20/89

17.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13 3/8"	48#	350'	350 sx	Surface
12 1/4"	8 5/8"	24#	2,900'	1200 sx	Surface
7 7/8"	5 1/2"	15.5# & 17#	11,800'	2100 sx	2700'

Drill 17 1/2" hole to 350'. Set 13 3/8" csg @ 350'. Cmt. w/ 350 sx C1 "C", Circ. Drill 12 1/4" hole to 2900'. Run fluid caliper. Set 8 5/8" csg @ 2900'. Lead w/ 1000 sx Lite "C", tail in w/ 200 sx C1 "C", Circ. Drl to TD to test Middle & Lower Wolfcamp. If commercial run 5 1/2" csg to 11,800. Cmt. w/ sufficient volume to bring above all prospective zones. Est. TOC @ 2700'. Perf and stimulate Wolfcamp for production.

MUD PROGRAM: 0-350' spud mud; 350-2900' brine; 2900-10,700' cut brine and sweeps (chloride 30,000+). 10,700-TD cut brine and Drispac. MW 9.0-9.2 (Solids must be less than 5% w/ VIS 32-36).

BOP PROGRAM: 13 5/8" - 2M annular BOP to be installed on 13 3/8" csg. 10"-3M stack to be installed on 8 5/8" and left on for remainder of drilling. Stack to consist of annular BOP, blind ram BOP, and one pipe ram BOP. Test BOP's after setting 8 5/8" csg with and independent tester.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

SIGNATURE Robert L. Bradshaw TITLE Sr. Staff Env./Reg. Spec. DATE 11/21/89

TYPE OR PRINT NAME Robert L. Bradshaw (915) 686-5678 TELEPHONE NO.

(This space for State Use)
ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

NOV 27 1989

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WELL LOCATION AND ACREAGE DEDICATION PLAT

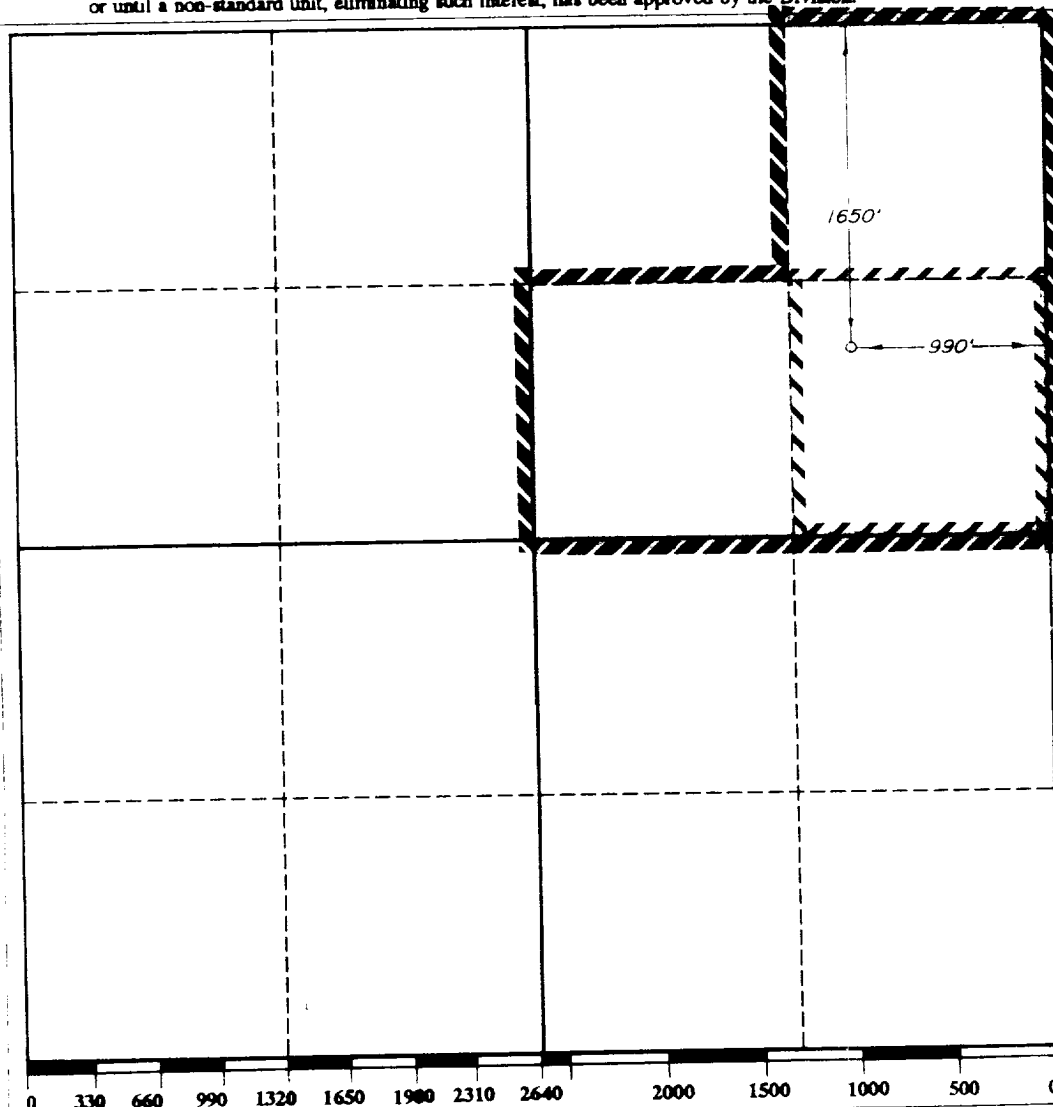
All Distances must be from the outer boundaries of the section

Operator MERIDIAN OIL INC.			Lease Mitchell State "16"		Well No. 1
Unit Letter H	Section 16	Township 18-SOUTH	Range 32-EAST	County LEA	

Actual Footage Location of Well:

1650 feet from the **NORTH** line and **990** feet from the **EAST** line
Ground level Elev. **3791'** Producing Formation **Wolfcamp** Pool **North Young** Dedicated Acreage: **40** Acres

- Outline the acreage dedicated to the subject well by colored pencil or hatchure 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.



OPERATOR CERTIFICATION

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

Signature *Robert L. Bradshaw*
Printed Name **Robert L. Bradshaw**
Position **Sr. Staff Env./Reg. Spec.**
Company **Meridian Oil Inc.**
Date **November 21, 1989**

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.

Date Surveyed **NOVEMBER 21, 1989**

Signature & Seal of Professional Surveyor

V. LYNN BEZNER
NO. 7920
REGISTERED LAND SURVEYOR

NOV 21/14/92

173

RECEIVED

NOV 22 1989

OCD
HOBBS OFFICE