

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

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

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

API NO. (assigned by OCD on New Wells)

30-025-30622

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

LG-4087

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

State "16"

2. Name of Operator

Meridian Oil Inc.

8. Well No.

4

3. Address of Operator

21 Desta Drive, Midland, Texas 79705

9. Pool name or Wildcat

South Corbin (Wolfcamp)

4. Well Location

Unit Letter M: 548 Feet From The South Line and 760 Feet From The West Line

Section 16 Township 18 - South Range 33-East NMPM Lea Country

10. Proposed Depth

11,450'

11. Formation

Wolfcamp

12. Rotary or C.T.

Rotary

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

3851' G.R.

14. Kind & Status Plug. Bond

15. Drilling Contractor

16. Approx. Date Work will start

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. Cl "C"	Circ.
12 1/4"	8 5/8"	24 & 28#	2900'	+1400 sx. Lite "C"	Circ.
7 7/8"	5 1/2"	15.5 & 17#	11,450'	2100 sx. Cl "C" TOC @ 2900'	

Drill 17 1/2" hole to 350'. Set 13 3/8" csg @ 350'. Cmt w/350 sx Cl "C". Circ. Drill 12 1/4" hole to 2900'. Run fluid caliper. Set 8 5/8" csg @ 2900'. Lead w/1200 sx Lite "C". Tail in w/200 sx Cl "C", circ. Drl to TD to test Middle & Lower Wolfcamp. If commercial, run 5 1/2" csg to 11,450'. Cmt w/sufficient volume to bring above all prospective zones. Est TOC @ 2900'. Perf & stimulate Wolfcamp for production.

MUD PROGRAM: 0-350' spud mud; 350-2900' brine; 2900-10,300' cut brine & sweeps (chlorides 30,000+) 10,300-TD cut brine & 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. 11"-3M stack to be installed on 8 5/8" & left on for remainder of drlg. Stack to consist of annular BOP, blind ram BOP & one pipe ram BOP. Test BOP's after setting 8 5/8" csg with an 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 May 23, 1989

TITLE OR PRINT NAME Robert L. Bradshaw

TELEPHONE NO. 915-686-5678

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT I SUPERVISOR

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

MAY 25 1989

Permit Expires 6 Months From Approval  
Date Unless Drilling Underway.

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RECEIVED

MAY 24 1989

OCD  
HOBBS OFFICE

**NEW MEXICO OIL CONSERVATION COMMISSION**  
**WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-162  
 Supersedes C-128  
 Effective 1-4-85

All distances must be from the outer boundaries of the Section.

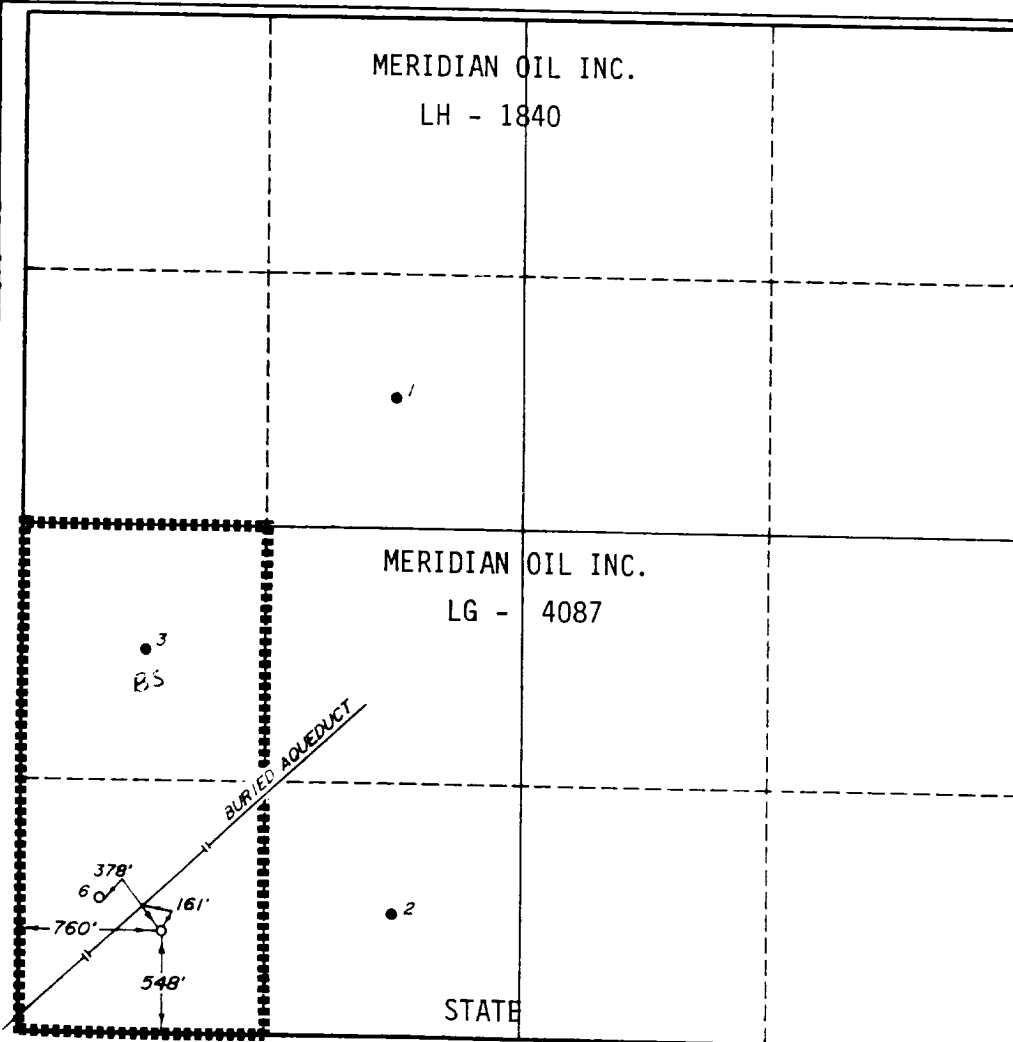
Operator <b>MERIDIAN OIL INC.</b>			Lease <b>STATE "16"</b>		Well No. <b>4</b>
Unit Letter <b>M</b>	Section <b>16</b>	Township <b>18-SOUTH</b>	Range <b>33-EAST</b>	County <b>LEA</b>	
Actual Footage Location of Well: <b>548</b> feet from the <b>SOUTH</b> line and <b>760</b> feet from the <b>WEST</b> line					
Ground Level Elev. <b>3851'</b>	Producing Formation <b>Wolfcamp</b>	Pool <b>S. Corbin</b>		Dedicated Acreage: <b>80</b> Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure 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 interests 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 interests, has been approved by the Commission.



**CERTIFICATION**

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

*Robert L. Bradshaw*

Name  
**Robert L. Bradshaw**  
 Position  
**Sr. Staff Env./Reg. Spec.**  
 Company  
**Meridian Oil Inc.**  
 Date  
**May 23, 1989**

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  
**APRIL 1989**  
 Registered Professional Engineer and/or Registered Land Surveyor  
**V. LYNN BEZNER**  
**NO. 7920**  
 Certificate No.  
**7920**

5/24/89  
173

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**MAY 24 1989**

**OCD  
HOBBS OFFICE**