

## N. M. Oil Cons. Division

BUREAU OF LAND MANAGEMENT

ARTIFISIA, NM 88001-0001

Form 3160-5  
(June 1990)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

5. Lease Designation and Serial No.

NM-32324

6. If Indian, Allottee or Tribe Name

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.

SUBMIT IN TRIPLICATE

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7. If Unit or CA, Agreement Designation

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

MAR 25 1995

2. Name of Operator

Mercury Exploration Company

OIL CON. DIV

8. Well Name and No.

M &amp; M Federal #4

3. Address and Telephone No.

P.O. Box 1256, Gaylord, Michigan 49735 (517) 732-0020

9. API Well No.

30-005-61983

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FNL &amp; 660' FEL, Section 20, T20S, R23E

10. Field and Pool, or Exploratory Area

Pecos Slope ABO Gas

11. County or Parish, State

Chaves Co., NM

## CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

- ☒
- Notice of Intent
- 
- ☐
- Subsequent Report
- 
- ☐
- Final Abandonment Notice

## TYPE OF ACTION

- ☒
- Abandonment
- 
- ☐
- Recompletion
- 
- ☐
- Plugging Back
- 
- ☐
- Casing Repair
- 
- ☐
- Altering Casing
- 
- ☐
- Other

- ☐
- Change of Plans
- 
- ☐
- New Construction
- 
- ☐
- Non-Routine Fracturing
- 
- ☐
- Water Shut-Off
- 
- ☐
- Conversion to Injection
- 
- ☐
- Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Proposed operations to plug and abandon well due to uneconomic production.

1. Pull rods and pump
2. Load hole with 9.0 ppg mud and POOH w/ tubing.
3. Set CIBP @ + 2990' and dump 2 sacks cement on top.
4. Spot 10 sack class "C" cement plug (Wt 14.8 ppg. yield 1.32 ft<sup>3</sup> / sack) from 1500' to 1350' thru tubing.
5. Spot 5 sack cement plug as above from 70' to surface thru tubing.
6. Cut off casing 3' below ground level and install dry hole marker from 10' BGL to 4' AGL.
7. Remove surface equipment and reclaim location per BLM specifications.

14. I hereby certify that the foregoing is true and correct

Signed Robert N. WagnerTitle District EngineerDate 3/15/96

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_

Date \_\_\_\_\_

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

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MAR 25 1996

MERCURY EXPLORATION COMPANY OIL CON. DIV.  
DIST. 2

SPUD: 04/26/83

M & M Federal #4  
Sec 20-6S-23E  
Chaves Co., New Mexico  
660' FNL & 660' FEL  
NM-32324

KB: 4107'

GL: 4095'

CURRENT CONDITION

15" CONDUCTOR @ 60'

TOC @ Surface

8-5/8" 24# K-55 STC @ 1452'

TOC @ Surface

4-1/2" 10.5# J-55 STC @ 3486'

TOC @ Surface

102 Jts 2-3/8" Tubing

124 3/4" RODS

SN @ 3208'

EOT @ 3240'

PBTD @ 3440'

ABO Perfs

3004'-3010' 4 SPF

3093'-3102' 2 SPF

3130'-3148' 4 SPF

3154'-3174' 4SPF

TD @ 3500'

RNW 03/01/96

MAR 25 1996

**MERCURY EXPLORATION COMPANY** **OIL CON. DIV.**  
**DIST. 2**

SPUD: 04/26/83

**M & M Federal #4**  
**Sec 20-6S-23E**  
**Chaves Co., New Mexico**  
**660' FNL & 660' FEL**  
**NM-32324**

KB: 4107'

GL: 4095'

**PROPOSED P&A SCHEMATIC**

15" CONDUCTOR @ 60'

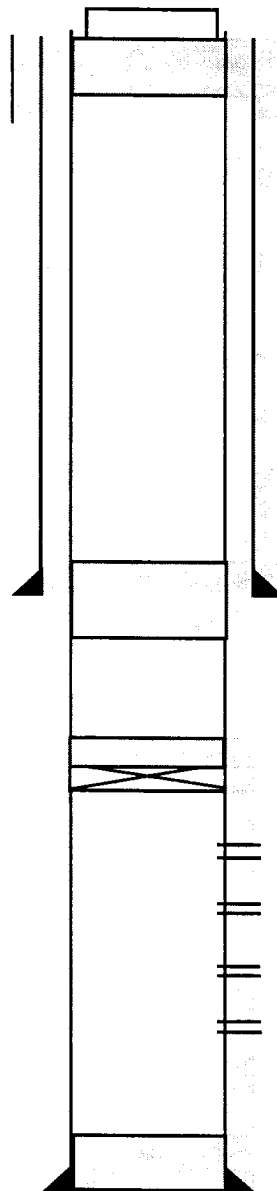
TOC @ Surface

8-5/8" 24# K-55 STC @ 1452'

TOC @ Surface

4-1/2" 10.5# J-55 STC @ 3486'

TOC @ Surface



DRY HOLE MARKER 4' AGL

5 SX PLUG 3'-70'

9 PPG MUD BETWEEN ALL  
PLUGS

10 SX PLUG 1350'-1500'

CIBP @ +/- 2990' W/ 2 SX  
CEMENT ON TOP

ABO Perfs

3004'-3010' 4 SPF

3093'-3102' 2 SPF

3130'-3148' 4 SPF

3154'-3174' 4SPF

TD @ 3500'