

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Geology, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-101
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

| | | |
|---|-------------------------------------|---|
| ¹ Operator Name and Address. Merit Energy Company 12222 Merit Drive, Suite 1500 Dallas, Texas 75251 | | ² OGRID Number 014591 |
| | | ³ API Number 30 - 015-25253 |
| ⁴ Property Code 007685 | ⁵ Property Name Henry | ⁶ Well No. 2 |

⁷ Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| I | 22 | 22S | 27E | | 1570 | South | 990 | East | Eddy |

⁸ Proposed Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|------------------------------|---------|----------|-------|---------|-------------------------------|------------------|---------------|----------------|--------|
| ⁹ Proposed Pool 1 | | | | | ¹⁰ Proposed Pool 2 | | | | |

| | | | | |
|-----------------------------------|--|---|------------------------------------|---|
| ¹¹ Work Type Code A | ¹² Well Type Code G | ¹³ Cable/Rotary | ¹⁴ Lease Type Code P | ¹⁵ Ground Level Elevation 3098.3 GR |
| ¹⁶ Multiple No | ¹⁷ Proposed Depth 12252 P.B. | ¹⁸ Formation Lower Morrow | ¹⁹ Contractor NA | ²⁰ Spud Date |

²¹ Proposed Casing and Cement Program

| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC |
|-----------|-------------|--------------------|---------------|-----------------|---------------|
| 17 1/2 | 13 3/8 | 54.5 | 230 | 10 | Surface |
| 12 1/4 | 10 3/4 | 51 | 2120 | 50 | Surface |
| 9 1/2 | 7 5/8 | 29.7 | 9014 | 1160 | 4100 |
| 6 1/2 | 5 | 18 | 8634-12290 | 500 | Circulated |

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Deepening within casing. See attached procedure.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Vanessa Russell

Printed name:

Vanessa Russell

Title:

Sr. Production Administrator

Date:

2-27-96

Phone:

(214) 701-8377

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY TIM W. GUM

Title:

DISTRICT II SUPERVISOR

Approval Date:

3-5-96

Expiration Date:

3-5-97

Conditions of Approval:

Attached ☐