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P.O. Box 1980, Hobbs, NM 88240

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-104 Revised 1-1-89 See Instructions

DISTRICT II P.O. Drawer DD, Artena, NM 88210

## OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410

REQUEST FOR ALLOWABLE AND AUTHORIZATION

| ī   |                             | O TRA  | NSI     | PORT OIL                  | AND NA   | ATURAL                  | GAS        |  |                           |                   |             |  |
|---|-----------------------------|--|---------|---------------------------|--|-------------------------|------------|--|---------------------------|-------------------|-------------|--|
| Merit Energy Company  3   |                             |  |         |                           |  |                         |            |  | API No.<br>1-025-23183    |                   |             |  |
| Address 12221 Merit Drive, Su   | ite 1040                    | ), Dal   | las,    | , TX 752                  | 51   |                         |            | <del> </del>                           |                           |                   |             |  |
| Reason(s) for Filing (Check proper box)  New Well  Recompletion   |                             |  |         |                           |  |                         |            |  |                           |                   |             |  |
| Change in Operator  | Casinghead                  | i Gas  |         | lensate                   |  |                         |            | ······                                 |                           |                   |             |  |
| ond address of previous operator Bri  | dge Oil                     | Compa  | ny,     | L. P.,                    | 12404 P  | ark Cen                 | itral      | l Dr.,                                 | Ste 40                    | O, Dalla          | s,TX 7525   |  |
| II. DESCRIPTION OF WELL   | AND LEA                     |  |         | <u>.</u>                  |  |                         |            |  |                           |                   |             |  |
| Lease Name<br>Humphrey Queen Unit   |                             | Well No.   |         | Name, Includi<br>nglie Ma | -  |                         | Que        |  | of Lease<br>Federal or Fe |                   | ease No.    |  |
| Location Unit Letter  | _ :£                        | 5  | _ Feet  | From The                  | W  | ne and                  | 100        | Fe                                     | et From The               | S                 | Line        |  |
| Section 3 Townsh  | ip 255                      | S  | Rang    | ge 37E                    | , 1  | NMPM,                   |            |  | Lea                       |                   | County      |  |
| III. DESIGNATION OF TRAN  | SPORTE                      | R OF O   | IL A    | ND NATU                   | RAL GAS  | 5                       |            |  |                           |                   |             |  |
| Name of Authorized Transporter of Oil  NOT APPLICABLE - WATE  | Address (G                  | Address (Give address to which approved copy of this form is to be sent) |         |                           |  |                         |            |  |                           |                   |             |  |
| Name of Authorized Transporter of Casinghead Gas or Dry Gas   |                             |  |         |                           | Address (Give address to which approved copy of this form is to be sent) |                         |            |  |                           |                   |             |  |
| If well produces oil or liquids, give location of tanks.  | Unit                        | Sec.   | Twp.    | . Rge.                    | ls gas actually connected? When ?  |                         |            |  |                           | <del> </del>      |             |  |
| If this production is commingled with that IV. COMPLETION DATA  | from any other              | er lease or  | pool, į | give comming              | ing order nu   | nber:                   |            |  |                           |                   |             |  |
| Designate Type of Completion  | - (X)                       | Oil Well   | \       | Gas Well                  | New Wel  | Workove                 | e <b>r</b> | <b>Deepen</b>                          | Plug Back                 | Same Res'v        | Diff Res'v  |  |
| Date Spudded  | Date Compl. Ready to Prod.  |  |         |                           | Total Depth  |                         |            |  | P.B.T.D.                  |                   |             |  |
| Elevations (DF, RKB, RT, GR, etc.)  | Name of Producing Formation |  |         |                           | Top Oil/Gas Pay  |                         |            |  | Tubing Dep                | Tubing Depth      |             |  |
| Perforations  |                             |  |         |                           |  |                         |            |  |                           | Depth Casing Shoe |             |  |
| , lore out  | T                           | UBING.   | CAS     | SING AND                  | CEMENT   |                         |            |  |                           |                   | _           |  |
| HOLE SIZE   | CASING & TUBING SIZE        |  |         |                           | DEPTH SET  |                         |            |  | SACKS CEMENT              |                   |             |  |
|   |                             |  |         |                           | !  |                         |            |  |                           |                   |             |  |
|   | <u> </u>                    |  |         |                           | ·  | ····                    |            |  |                           |                   |             |  |
| V. TEST DATA AND REQUE<br>OIL WELL (Test must be after  |                             |  |         |                           | be equal to o  | or exceed top           | allowa     | ble for this                           | depth or be               | for full 24 hav   | <b>75</b> l |  |
| Date First New Oil Run To Tank  | Date of Test                |  |         |                           | Producing Method (Flow, pump, gas lift, etc.)                            |                         |            |  |                           |                   |             |  |
| Length of Test  | Tubing Pressure             |  |         |                           | Casing Pressure  |                         |            |  | Choke Size                |                   |             |  |
| Actual Prod. During Test  | Oil - Bbis.                 |  |         |                           | Water - Bbis.  |                         |            |  | Gas- MCF                  |                   |             |  |
| GAS WELL  |                             |  |         |                           |  |                         |            | -                                      | <del></del>               |                   |             |  |
| Actual Prod. Test - MCF/D   | Length of I                 | [est   |         |                           | Bbls. Condensate/MMCF  |                         |            |  | Gravity of Condensate     |                   |             |  |
| Testing Method (pitot, back pr.)  | Tubing Pressure (Shut-in)   |  |         |                           | Casing Pressure (Shut-in)  |                         |            |  | Choke Size                |                   |             |  |
| VI. OPERATOR CERTIFIC   | ATE OF                      | COMI   | PLIA    | NCE                       |  |                         |            | ······································ |                           | <del></del>       |             |  |
| I hereby certify that the rules and regulations of the Oil Conservation  Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. |                             |  |         |                           | OIL CONSERVA   |                         |            |  |                           |                   |             |  |
| and and conquere to the oest of my  | Liuwicage 20                | ki Dellel.   |         |                           | Dat  | e Appro                 | ved        |  | JA                        | N 17'9            | <u> </u>    |  |
| Signature Signature   |                             |  |         |                           |  | By Orig. Signed by      |            |  |                           |                   |             |  |
| Joe A. Marek Executive Vice President   |                             |  |         |                           | -  | Paul Kauts<br>Geologist |            |  |                           |                   |             |  |
| 1/15/92   | 214/                        | /701 <u>-</u> 8  |         |                           | Title  | e                       | Mine.      |  |                           |                   | ·-          |  |
| Date  |                             | Tele   | ephone  | No.                       | 11   |                         |            |  |                           |                   | •           |  |

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted weils.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.

4) Separate Form C-104 must be filed for each pool in multiply completed wells.