

DISTRICT I  
P.O.Box 1980, Hobbs, NM 88241-1980

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III  
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

Form C-107  
Revised 4-1-91

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APPLICATION FOR MULTIPLE COMPLETION

|                                                                      |          |                             |            |
|----------------------------------------------------------------------|----------|-----------------------------|------------|
| Operator                                                             | Address  |                             |            |
| Merit Energy Company 12222 Merit Drive, Suite 1500, Dallas, Tx 75251 |          |                             |            |
| Lease                                                                | Well No. | Unit Ltr. - Sec - Twp - Rge | County     |
| Jicarilla E                                                          | 8M       | K 15 26N 4W                 | Rio Arriba |

All applicants for multiple completion must complete Items 1 and 2 below.

| 1. The following facts are submitted:                                                                                                          | Upper Zone        | Intermediate Zone | Lower Zone   |
|------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------|--------------|
| a. Name of Pool and Formation                                                                                                                  | Blanco Mesa Verde |                   | Basin Dakota |
| b. Top and Bottom of Pay Section (Perforations)                                                                                                | 5598-5676         |                   | 7643-7703    |
| c. Type of production (Oil or Gas)                                                                                                             | Gas               |                   | Gas          |
| d. Method of Production (Flowing or Artificial Lift)                                                                                           | Flowing           |                   | Flowing      |
| e. Daily Production<br><input checked="" type="checkbox"/> Actual<br><input type="checkbox"/> Estimated<br>Oil Bbls.<br>Gas MCF<br>Water Bbls. | 320 MCF           |                   | 5 MCF        |

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DIST. 3

2. The following must be attached:
- Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
  - Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
  - Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)

OPERATOR:

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

Signature Sheryl J. Carruth

Printed Name & Title Sheryl J. Carruth Regulatory Mgr

Date 7-19-95 Telephone (214)701-8377

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY ERNIE BUSCH

Title: DEPUTY OIL & GAS INSPECTOR, DIST. #?

Date: JUL 25 1995

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

FILING INSTRUCTIONS:

- District Approval -- See rule 112-A-B -- Submit 4 copies of Form C-107 with attachments to appropriate district office.
- Division Director Administrative Approval -- See Rule 112-C -- Submit 2 copies of Form C-107 with attachments to Division office in Santa Fe and 2 copies of Form C-107 with attachments to appropriate district office.
- Multiple completions not qualifying for District or Division Director approval may be set for hearing as outlined in Rule 112-A-E.

Jicarilla E # 8E  
SW/4 Sec 15 26N-4W

1.9" 1" CT

8 5/8" 24" @ 346'  
w/ 240 ss Class G  
Circ to Surface

2 3/8" Hg (253, 6) @ 1528'

Dual Pkr @ 5551

DV tool @ 5484'

5598' w/ 516 ss Class G lead  
5676' 110 ss RSC 10-1  
Circ to Surface

Pkr @ 7620'

Perfs (OK): 7643, 45, 46, 47, 48, 7854, 55, 56  
7763, 63, 65, 66, 7801, 02, 03

Frac: 60 Quality N<sub>2</sub> Foam  
w/ 118,000# 20/40  
24,000# Resin

CIBP @ 7865' w/ 10' Cmt

4 1/2" 10.5" @ 11.6" @ 7900'

w/ 130 ss Class G lead  
240 ss POZ - M.C. L-1

PBTD 7855'  
TD 7900'

MV