

**RECEIVED** Laboratory Services, Inc.2609 West Marland  
Hobbs, New Mexico 88240

APR 06 2009

**HOBBSUCD**

Telephone: (575) 397-3713

*Thistle Unit 11H*  
*H*

FOR: Devon Energy  
P. O. Box 250  
Artesia, New Mexico 88211-0250

SAMPLE: Sta. # 390-12-071  
IDENTIFICATION Thistle #4  
COMPANY: Devon Energy  
LEASE:  
PLANT:

SAMPLE DATA: DATE SAMPLED: 11/12/08 1:25 pm  
ANALYSIS DATE: 11/14/08  
PRESSURE - PSIA 67  
SAMPLE TEMP. °F 67  
ATMOS. TEMP. °F

GAS (XX) LIQUID ( )  
SAMPLED BY: Jared Pittman/AFM  
ANALYSIS BY: Vickie Sullivan

REMARKS: H2S = 0

**COMPONENT ANALYSIS**

| COMPONENT              | MOL<br>PERCENT | GPM   |
|------------------------|----------------|-------|
| Hydrogen Sulfide (H2S) | 0.000          |       |
| Nitrogen (N2)          | 0.787          |       |
| Carbon Dioxide (CO2)   | 0.020          |       |
| Methane (C1)           | 84.360         |       |
| Ethane (C2)            | 9.306          | 2.483 |
| Propane (C3)           | 3.059          | 0.841 |
| I-Butane (IC4)         | 0.485          | 0.158 |
| N-Butane (NC4)         | 0.771          | 0.243 |
| I-Pentane (IC5)        | 0.246          | 0.090 |
| N-Pentane (NC5)        | 0.215          | 0.078 |
| Hexane Plus (C6+)      | 0.751          | 0.326 |
|                        | 100.000        | 4.219 |

  

|                  |      |                       |
|------------------|------|-----------------------|
| BTU/CU.FT. - DRY | 1189 | MOLECULAR WT. 19.6651 |
| AT 14.650 DRY    | 1185 |                       |
| AT 14.650 WET    | 1164 |                       |
| AT 14.73 DRY     | 1192 |                       |
| AT 14.73 WET     | 1171 |                       |

  

|                    |       |
|--------------------|-------|
| SPECIFIC GRAVITY - |       |
| CALCULATED         | 0.677 |
| MEASURED           |       |