



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
AZTEC DISTRICT OFFICE  
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AZTEC NM 87410  
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[http://emnrd.state.nm.us/ocd/District III/3district.htm](http://emnrd.state.nm.us/ocd/District%20III/3district.htm)

**BRADENHEAD TEST REPORT**

(submit 1 copy to above address)

Date of Test 10-5-2010 Operator Black Hills Gas Resources API #30-0 29247

Property Name Jicarilla 451-3 Well No. 411 Location: Unit      Section 3 Township 29N Range 3W

Well Status(Shut-In or Producing) Initial PSI: Tubing 214 Intermediate      Casing 70 Bradenhead 0

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

| Testing | PRESSURE   |     |           | INTERM |     |
|---------|------------|-----|-----------|--------|-----|
|         | Bradenhead |     |           |        |     |
|         | BH         | Int | Csg       | Int    | Csg |
| TIME    |            |     |           |        |     |
| 5 min   | <u>0</u>   |     | <u>70</u> |        |     |
| 10 min  | <u>0</u>   |     | <u>70</u> |        |     |
| 15 min  | <u>0</u>   |     | <u>70</u> |        |     |
| 20 min  | <u>0</u>   |     | <u>70</u> |        |     |
| 25 min  | <u>0</u>   |     | <u>70</u> |        |     |
| 30 min  | <u>0</u>   |     | <u>70</u> |        |     |

| FLOW CHARACTERISTICS |              |
|----------------------|--------------|
| BRADENHEAD           | INTERMEDIATE |
| Steady Flow          |              |
| Surges               |              |
| Down to Nothing      |              |
| Nothing <u>✓</u>     |              |
| Gas                  |              |
| Gas & Water          |              |
| Water                |              |

If bradenhead flowed water, check all of the descriptions that apply below:

CLEAR      FRESH      SALTY      SULFUR      BLACK     

5 MINUTE SHUT-IN PRESSURE

BRADENHEAD 0

INTERMEDIATE     

REMARKS:

By Chris H. Laught  
Lease operator  
(Position)

Witness     

E-mail address     

