



NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
1000 RIO BRAZOS ROAD
AZTEC NM 87410
(505) 334-6178 FAX: (505) 334-6170
[http://emnrd.state.nm.us/ocd/District III/3district.htm](http://emnrd.state.nm.us/ocd/District%20III/3district.htm)

OIL CONS. DIV DIST. 3

BRADENHEAD TEST REPORT

(submit 1 copy to above address)

DEC 06 2012

Date of Test 05-01-12 Operator Noble Energy Inc API #30-0 45-31211
Property Name Duke Well No. 1C Location: Unit Section 13 Township 31N Range 3W
Well Status (Shut-In or Producing) Initial PSI: Tubing 160 Intermediate Casing 160 Bradenhead 0

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing	PRESSURE				
	BH	Bradenhead		INTERM	
		Int	Csg	Int	Csg
TIME					
5 min	0		160		
10 min	0		160		
15 min	0		160		
20 min	0		160		
25 min	0		160		
30 min	0		160		

FLOW CHARACTERISTICS	
BRADENHEAD	INTERMEDIATE
Steady Flow <u>NO</u>	
Surges <u>NO</u>	
Down to Nothing <u>N/A</u>	
Nothing <u>YES</u>	
Gas <u>NO</u>	
Gas & Water <u>NO</u>	
Water <u>NO</u>	

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 Isaac Bass

Witness

Pumper
(Position)

E-mail address ibass@nobleenergyinc.com

ca