



NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
1000 RIO BRAZOS ROAD
AZTEC NM 87410
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[http://emrnr.state.nm.us/ocd/District III/3district.htm](http://emrnr.state.nm.us/ocd/District%20III/3district.htm)

OIL CONS. DIV DIST. 3

DEC 06 2012

BRADENHEAD TEST REPORT

(submit 1 copy to above address)

Date of Test 05-22-12 Operator Noble Energy Inc API #30-0 45-31029
Property Name Arnstein Well No. 13 Location: Unit Section 18 Township 31N Range 12W
Well Status (Shut-In or Producing) Initial PSI: Tubing 115 Intermediate Casing 120 Bradenhead 0

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing	PRESSURE					FLOW CHARACTERISTICS	
	Bradenhead			INTERM		BRADENHEAD	INTERMEDIATE
	BH	Int	Csg	Int	Csg		
TIME							
5 min	0		120			Steady Flow <u>NO</u>	
10 min	0		120			Surges <u>NO</u>	
15 min	0		120			Down to Nothing <u>N/A</u>	
20 min	0		120			Nothing <u>YES</u>	
25 min	0		120			Gas <u>NO</u>	
30 min	0		120			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)

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