

ConocoPhillips Company  
3401 E. 30<sup>th</sup> Street  
Farmington, NM 87402



Mr. Brandon Powell  
Oil Conservation Division  
Aztec District Office  
1000 Rio Brazos Road  
Aztec, NM 87410

September 27, 2011

RE: Marx Federal 1 (RBDMS BP1124553742)  
API# 3004511898  
Sec. 20, T30N, R11W

*Approved BP 10/28/11*

Dear Mr. Powell:

On September 2, 2011 a letter was received in regards to the Marx Federal 1 having a Bradenhead test failure and remedial activity was needed before December 2, 2011. On September 8, 2011 ConocoPhillips contacted you in regards to this letter and the original BH test being a failure because a plunger in the well was in cycle. A specialist conducted a BH test for thirty minutes and the BH had 10# and casing had 134# initially and then started to increase. We requested a witnessed test to conduct another Bradenhead Test to correct this issue. Attached is the Bradenhead test performed on September 14, 2011 with Monica Kuehling being the OCD representative.

If further details or information is needed regarding the above mentioned wells please contact me at (505) 326-9837.

Sincerely,

A handwritten signature in cursive script that reads "Crystal Tafoya".

Crystal Tafoya  
Staff Regulatory Technician



*A*



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://emnrds.state.nm.us/ocd/DistrictIII/3distric.htm>

**BRADENHEAD TEST REPORT**

(submit 1 copy to above address)

Date of Test 9-14-11 Operator COP API #30-0 45-11898

Property Name MARX FEDERAL Well No. # 1 Location: Unit P Section 20 Township 30 Range 11

Well Status (Shut-In or Producing) Initial PSI: Tubing 102 Intermediate NA Casing 127 Bradenhead 1

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing TIME	PRESSURE				
	Bradenhead			INTERM	
	BH	Int	Csg	Int	Csg
5 min	0	NA	132		
10 min	0		135		
15 min	0		137		
20 min					
25 min					
30 min					

	FLOW CHARACTERISTICS	
	BRADENHEAD	INTERMEDIATE
Steady Flow		
Surges		
Down to Nothing	✓	
Nothing		
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 NA

REMARKS: BRAD, BLEW DOWN TO ZERO IN 7 SECONDS THRU A 3/4" BALL VALVE.

By \_\_\_\_\_

Witness Mona Cushing

(Position)

E-mail address \_\_\_\_\_