



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)

BRADENHEAD TEST REPORT

(submit 1 copy to above address)

Date of Test 8/23/05 Operator BP America Prod Co API #30-0 45-27853

Property Name Miller 32 6 10 Well No. 1 Location: Unit H Sec 10 Twp 32N Rng 06W

Well Status(Producing) Initial PSI: Tubing 100 Intermediate Casing 181 Bradenhead 0

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing	PRESSURE				
	Bradenhead		INTERM		
	BH	Int	Csg	Int	Csg
TIME	0		181		
5 min					
10 min					
15 min					
20 min					
25 min					
30 min					

	FLOW CHARACTERISTICS	
	BRADENHEAD	INTERMEDIATE
Steady Flow		
Surges		
Down to Nothing		
Nothing	X	
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 INTERMEDIATE

REMARKS:

NMOCD form completed by Chris Sandoz on 7/24/14 based on COGCC form dated 8/23/05

By Efrain Vaquera

Witness

Tech
(Position)

E-mail address

OIL CONS. DIV DIST. 3

JUL 29 2014

Witness:

BLM COGC Colorado Bradenhead Test Report 300452853e

Lease #

Fm (FT) Well Name/Number: Miller 32-6-10 #1

API #

CA #

Fm () Operator: BP America Critical Area: Date: 8-23-05

CA #

Fm () Q/Q: 664E SEC: 10 Twn: 32 Rng: 6 Fed / Ind / State / Fed / Min

Well Status (circle one): Flowing Shut-in Clock/Intermittent Gas Lift Pumping Injection Plunger Lift

Number of Casing Strings (circle one): Two Three Liner

STEP 1: RECORD ALL TUBING AND CASING PRESSURES AS FOUND.

STEP 2: SAMPLE NOW, IF INTERMEDIATE OR SURFACE CASING PRESSURE > 25 PSI. (In sensitive areas, 5 PSI.)

STEP 3: BRADENHEAD TEST

Buried Valve? Confirmed open?

With gauges monitoring production, intermediate casing and tubing pressures, open surface casing (bradenhead) valve. (If no intermediate casing, monitor only the production casing and tubing pressure.) Record pressures at five minute intervals. Define characteristic of flow in "Bradenhead Flow" column using letter designations below:

O = No flow; C = Continuous; D = Down to 0; V = Vapor; H = Water H2O; M = Mud; W = Whisper; S = Surge; G = Gas

BRADENHEAD SAMPLE TAKEN (circle)			
Yes	No	Gas	Liquid
	<u>No</u>		
Character of Bradenhead Fluid:			
Clear	Fresh	Salty	Sulfur Black
Sample Cylinder Number:			

STEP 1:	Tubing Fm ()	Tubing Fm ()	Production Casing Fm ()	Interm Casing	Surface Casing
Record all pressures as found		100	181		Q

STEP 3: BRADENHEAD TEST

Elapsed Time (Min:Sec)	Tubing Fm ()	Tubing Fm ()	Prod Casing	Interm Casing	Bradenhead Flow
00:		100	181		Q
05:		End Test			
10:					
15:					
20:					
25:					
30:					
Note instantaneous Bradenhead PSIG at end of test:					Q

STEP 4: INTERMEDIATE CASING TEST

Buried Valve? Confirmed open?

With gauges monitoring production casing and tubing pressures, open the intermediate casing valve. Record pressures at five minute intervals. Characterize flow in "Intermediate Flow" column using letter designations below:

O = No flow; C = Continuous; D = Down to 0; V = Vapor; H = Water H2O; M = Mud; W = Whisper; S = Surge; G = Gas

INTERMEDIATE SAMPLE TAKEN (circle)			
Yes	No	Gas	Liquid
Character of Intermediate Fluid:			
Clear	Fresh	Salty	Sulfur Black
Sample Cylinder Number:			

STEP 4: INTERMEDIATE CASING TEST				
Elapsed Time (Min:Sec)	Tubing Fm ()	Tubing Fm ()	Production Casing	Intermediate Flow
00:				
05:				
10:				
15:				
20:				
25:				
30:				
Note instantaneous Intermediate PSIG at end of test:				

Remarks:

STEP 5: Send report to BLM within 30 days and to COGC within 10 days. Include wellbore diagram (if not previously submitted or if wellbore configuration has changed since prior diagram). Attach gas and liquid analysis if sampled. See reverse for details.

Test Performed by: Efrain Vazquez Title: Tech Phone Number: 505-947-4226

and certified true and correct. En Vazquez Date: 8-23-05

Witnessed By: Witness Title: Agency: M13