



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)

RCVD JUL 17 '13

BRADENHEAD TEST REPORT

(submit 1 copy to above address)

OIL CONS. DIV.
DIST. 3

Date of Test 7-17-13 Operator BP America API #30-0 45-07171

Property Name GCU Well No. 165 Location: Unit H Section 29 Township 28 Range 12

Well Status (Shut-In or Producing) (Shut-In) Initial PSI: Tubing 128 Intermediate N/A Casing 128 Bradenhead 62

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing	PRESSURE			INTERM	
	Bradenhead				
	BH	Int	Csg	Int	Csg
TIME					
5 min	0		130		
10 min	0		100		
15 min	0		62		
20 min	0		60		
25 min	0		60		
30 min	0		60		

	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 N/A

REMARKS:

BH dead in 2 seconds - Compressor came on in
just 10 minutes
Duff when opened after 5 min. Shut-in
By Ray Pedraza Witness Monica Kullberg
TECH

(Position)

E-mail address _____

**GCU 165-DK**

Dakota
API #: 30-045-26222
Sec 29 - T28N - R12W
San Juan County, NM

Well History

5/27/64: Spud date
7/8/64: Completion date
Well was Cored (5/1964)
Well Servicing (1/13/2005) - Cleanout Fill
Well Servicing (9/15/2008) - Cleanout, New Tbg

FORMATION TOPS

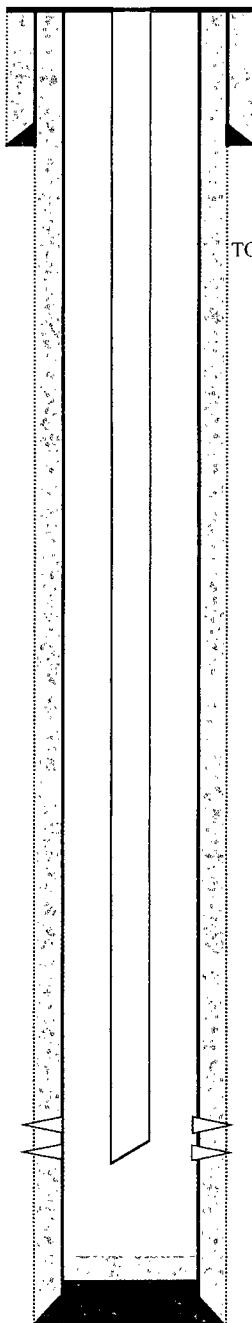
Pictured Clif	1300
Lewis	1450
Mesaverde	2205
Gallup	4922
Dakota	5906

X-nipple @ 5935 (1.875" ID)

F-nipple @ 5941 (1.78" ID)

Tubing Depth
5956'

Ground Elevation
5599 KB



TOC: surf

Surface Casing Data

8 5/8" 24# Csg @ 356'
w/ 250 sx TOC @ surf (circ.)

TOC: surf

Tubing Details

2 3/8" TUBING

Length

DV @ 4108'

Perforation Data

5836' - 5952'

(1) (5913-5952): water/ 2# gel, 35,000 20/40, 15,000 10/20
breakdown pressure = 1600psi, Ptreat = 2914 psi, 51.7 bpm injection
(2) (5836-5856) : water/gel 2#/, 15,000 20/40, 5,000 10/20
Pbreakdown = 3600psi, Ptreat=3462 psi, 27.7 bpm injection

Production Casing Data

Hole Size: 6 1/4"
4 1/2" @ 6015' w/ 353 sx

PBTD: 6067'
TD: 6015'

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BRADENHEAD TEST REPORT

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Date of Test 7-1-13 Operator BPAmerica API #30-0 45-07171
Property Name GCU Well No. 165 Location: Unit 4 Section 29 Township 28 Range 12
Well Status (Shut-In or Producing) Producing Initial PSI: Tubing 248 Intermediate N/A Casing 52 Bradenhead 150

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

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

FLOW CHARACTERISTICS	
BRADENHEAD	INTERMEDIATE
Steady Flow	
Surges	
Down to Nothing	
Nothing	
Gas	
Gas & Water	
Water	

OIL CONS. DIV DIST. 3
JUL 01 2013

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:

Gas sample taken. Water started flowing
at 15 seconds Stopped test.

By _____

Witness _____

(Position)

E-mail address _____