



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://emnr.state.nm.us/ocd/District III/3distric.htm>

BRADENHEAD TEST REPORT

(submit 1 copy to above address)

Date of Test 7-19-13 Operator BP America API #30-0 45-31600
Property Name 6C4 Well No. 598 Location: Unit M Section 22 Township 29 Range 12
Well Status (Shut-In or Producing) Initial PSI: Tubing 0 Intermediate N/A Casing 72 Bradenhead 0

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing TIME	PRESSURE				
	Bradenhead		INTERM		
	BH	Int	Csg	Int	Csg
5 min	<u>0</u>		<u>72</u>		
10 min	<u>0</u>		<u>72</u>		
15 min	<u>0</u>		<u>73</u>		
20 min	<u>0</u>		<u>74</u>		
25 min	<u>0</u>		<u>73</u>		
30 min	<u>0</u>		<u>73</u>		

FLOW CHARACTERISTICS	
BRADENHEAD	INTERMEDIATE
Steady Flow	
Surges	
Down to Nothing <u>/</u>	<u>DIST. 3</u>
Nothing	
Gas <u>/</u>	<u>OIL CONS. DIV.</u>
Gas & Water	
Water	<u>RCVD JUL 19 '13</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 N/A

REMARKS:

Puff when opened.

By

Ray Jaksma
Teck

(Position)

Witness

Monica Cadden

E-mail address _____



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RCVD JUL 17 '13
OIL CONS. DIV.
DIST. 3

BRADENHEAD TEST REPORT

(submit 1 copy to above address)

Date of Test 7-17-13 Operator B. American API #30-0 45-31600
Property Name GCU Well No. 598 Location: Unit M Section 22 Township 29 Range 12
Well Status (Shut-In or Producing) Initial PSI: Tubing 2 Intermediate N/A Casing 70 Bradenhead 4

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing TIME	PRESSURE				
	Bradenhead BH	Int	Csg	INTERM Int	Csg
5 min	0		92		
10 min	0		Swelling		
15 min					
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 _____ INTERMEDIATE N/A

REMARKS:

dead at 2 seconds.
Casing not opened - 7 pedo test.
Gas sample taken on 16th

By _____ Witness _____

(Position)

E-mail address _____



bp

CCU 598

Chacra
API # 30-045-31600
T-29N, R-12-W, Sec. 22
San Juan County, New Mexico

History

Spud Date: 06/07/2003

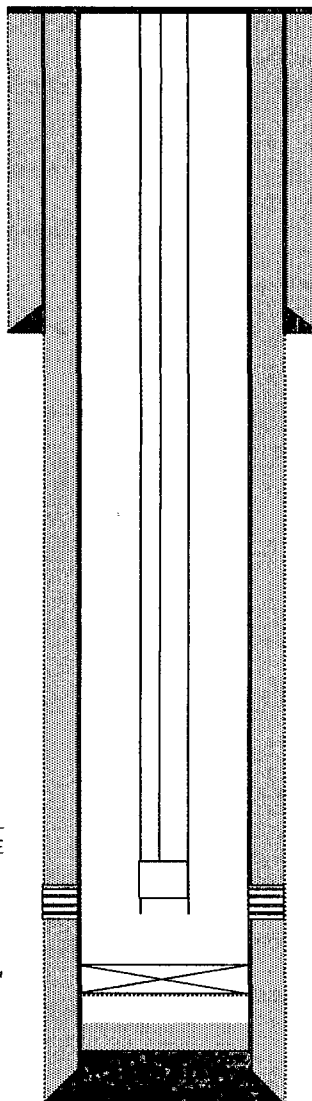
Clean out; Tbg replacement: 9/2004

2007: Ran rods and pump for pumping unit install.

RCVD JUL 17 '13

OIL CONS. DIV.
DIST. 3

5446' KB
5435' GR



Hole Size: 8-1/2"
7" J-55 23#
@ 144' 75 xsx CLS G

Tubing

2 3/8", 4.7#, J-55, EUE
EOT @ 2588'

CIBP Set @ 2630'

CH Perforations (06/2003)

2405' - 2547' w/ 4 JSPF
w/3 JSPF, 3.125in dia. 45 holes

Frac'ed (06/2003)

Frac Chacra w/ 500 gal of 15% HCl acid
followed w/ 65, 882 # 16/30 Brady sand, pmp
70% nitrogen foam

Hole size: 6 - 1/2"
4- 1/2" J-55 10.5#
@ 2667' 244sxs cls G

PBTD: 2630'
TD: 2673'