



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 7-1-13 Operator BP America API #30-0 45-11568
Property Name GCU Well No. 205 Location: Unit N Section 17 Township 28 Range 12
Well Status (Shut-In or Producing) Initial PSI: Tubing 18 Intermediate N/A Casing 50 Bradenhead 120

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing	PRESSURE			INTERM	
	BH	Bradenhead Int	Csg	Int	Csg
TIME					
5 min	0		165		
10 min	0		175		
15 min	0		55		
20 min	0		60		
25 min	0		65		
30 min	0		70		

FLOW CHARACTERISTICS	
BRADENHEAD	INTERMEDIATE
Steady Flow <u>/</u>	
Surges	
Down to Nothing	
Nothing	
Gas <u>/</u>	
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 1

INTERMEDIATE N/A

REMARKS:

Gas sample taken - hard blow just 4 seconds
to light at 1 min. Vapors 5-10 (will stop flowing
10 minutes into test. 15-20-25-30

By Ray J. Jerns
Teck
(Position)

Witness Monica Kuehling

E-mail address _____



GCU 205-DK

Dakota

API #: 3004511568000

Sec 17 - T28N - R12W

San Juan County, NM

Well History

10/13/65: Spud date

11/7/65: Completion date

7/12/95: Wellwork. Tagged fill at 6025'. Pulled tubing.

Cleaned out fill. Reperforated. Set tubing at 6034'

There was a Ground Bed Cathodic

Protection Well at this location.

11/17/97: 400' TD; 8 5/8" PVC casing at 20'

Cemented with 4 sx

Anodes placed at 235-360'; Vent pipe perfs: 125
at 360'.

Formation Tops

Pictured Clif 1405

Lewis Shale 1580

Mesaverde 3133

Mancos 4160

Gallup 5070

Base Gallup 5450

Greenhorn 5853

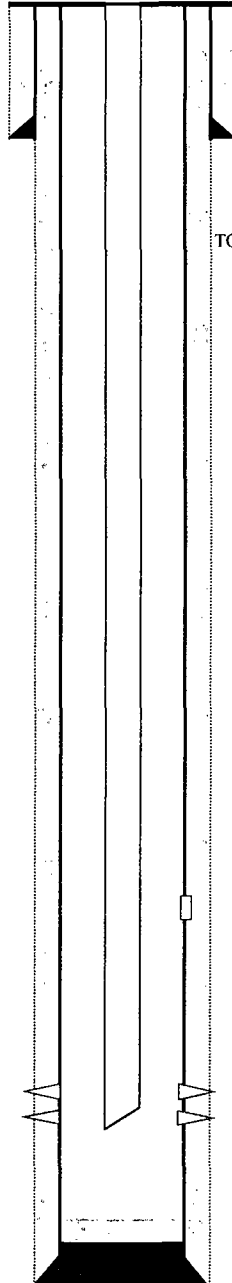
Graneros Sh: 5,915

Granderos D 5,954

Main Dakota 6,060

Tubing Depth
6045.99'

Ground Elevation 5628'
5641' RDB



PBTD 6104'
TD: 6139'

TOC:

Surface Casing Data

Hole Size: 12 1/4"

8 5/8", 24#, J55 ST&C csg at 349'

215 sx Class A

TOC:

Deviation

Depth	Deviation
349	0.5
710	0.5
1158	0.5
1607	0.25
2178	1
2812	1
3022	1
3738	1
4224	0.5
4846	0.5
5205	1
5540	1.25
6138	1.75

Tubing Details

2 3/8", 4.7#, TUBING
2.375" Profile Nipple (2" ID)
2.375" Profile Nipple (1.78" ID)

Length	Top
6032	
1	6003'
1	6045'

DV Tool @ 4247'

Perforation Data

5958-5974
Frac'd w/ 37800 gals water, 40,000# 20/40 sand
6048-6068
6074-6082
Frac'd w/ 36750 gals wtr, 30,000 # 20/40 sand and 10,000# 10/20 sand
Re-perforated DK

Production Casing Data

Hole size: 7 7/8"
4 1/2" 10.5# J55 ST&C casing at 6135'
Stage 1: 500 sx Class C
2nd stage: 1000 sx Class C