



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 7-19-13 Operator BP America API #30-0 45-24556
Property Name GCU (bmg) Well No. 179E Location: Unit J Section 26 Township 29 Range 12
Well Status (Shut-In or Producing) Producing Initial PSI: Tubing 0 Intermediate 175 Casing 210 Bradenhead 175

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing	PRESSURE				
	BH	Bradenhead	INTERM	Int	Csg
		Int	Csg		
TIME					
5 min	<u>1</u>		<u>210</u>		
10 min	<u>1</u>		<u>210</u>		
15 min	<u>1</u>		<u>210</u>		
20 min	<u>1</u>		<u>210</u>		
25 min	<u>0</u>		<u>210</u>		
30 min	<u>0</u>		<u>210</u>		

FLOW CHARACTERISTICS	
BRADENHEAD	INTERMEDIATE
Steady Flow	
Surges	
Down to Nothing	<u>✓</u>
Nothing	<u>DIST. 3</u>
Gas	<u>OIL CONC. DIV.</u>
Gas & Water	<u>RCVD JUL 19 '13</u>
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 175

REMARKS:

Gas sample taken - 1st blow 16 seconds -
2nd blow at 27 seconds - mid light blow at 1 min - light blow at
2 min - at 5 min - really light blow at 10 - dead at 15

By Ray Torresma
Feck
(Position)

Witness Monica Kuehling

E-mail address _____

**GCU COM G 179E**

Dakota
API # 30-045-24556
Sec. 26, T29N, R12W
1615' FSL x 1740' FEL
San Juan County, New Mexico

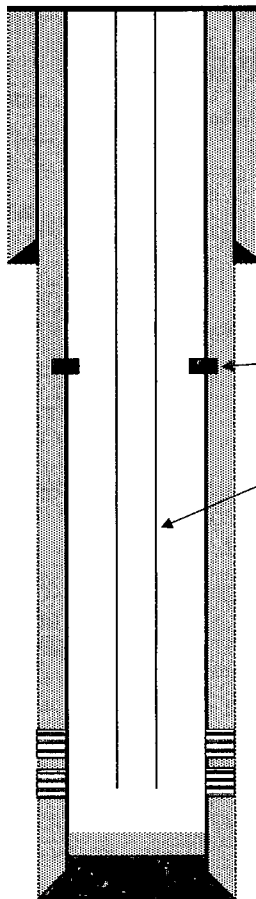
GL: 5406'
KB: 5419'

History

Spud date 10/24/1980
Completed on 02/20/1981

Formation Tops

Ojo Alamo	765-960
Kirtland	960-1200
Fruitland	1200-1413
Picture Cliffs	1413-1473
Mesaverde	
Cliff House	2965-3390
Point Lookout	3646-3835
Gallup	5047-5406
Greenhorn	5800-5878
Graneros Dakota	5908-5983
Main Dakota	5983-6045



12-1/4" Hole
8-5/8", 24#, @ 302'

Cmt w/ 315 sks, Class B, neat cmt w/ 2% CaCl₂
Good cmt circulated to surface

DV Tool @ 4285'

2-3/8" EOT @ 6029'

Dakota Perforations

5910-5926' @ 2SPF

5988-6021' @ 2SPF

6028-6034' @ 2SPF

Fracd w/ 36,250 gal foam and gel
42,812 lbs. 20-40 sand

7-7/8" Hole
4-1/2", 10.5# @ 6132'

Cmt 1st Stage: 400 sks, Class B, neat cmt w/ 50:50 POZ, 6% gel
& 2 lbs/sk medium tuf plug, 0.8% fluid loss additive.

Tailed w/ 100 sks, Class B, neat cmt

Cmt 2nd Stage: 820 sks, Class B, neat cmt w/ 65:35 POZ, 6% gel
& 2 lbs/sk medium tuf plug, 0.8% fluid loss additive.

Tailed w/ 100 sks, Class B, neat cmt

Good cmt circulated to surface

DIST. 3

OIL CONS. DIV.

RCVD JUL 19 '13