



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 AUG 22 '13
OIL CONS. DIV.
DIST. 3

BRADENHEAD TEST REPORT

(submit 1 copy to above address)

Date of Test 8-22-13 Operator 3P America API #30-0 45 24428
Property Name QCU Well No. 185E Location: Unit A Section 33 Township 28 Range 12
Well Status(Shut-In or Producing) Initial PSI: Tubing 85 Intermediate N/A Casing 90 Bradenhead 88

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing	PRESSURE			INTERM	
	BH	Bradenhead Int	Csg	Int	Csg
TIME					
5 min	<u>1</u>		<u>95</u>		
10 min	<u>1</u>		<u>95</u>		
15 min	<u>1</u>		<u>95</u>		
20 min	<u>0</u>		<u>90</u>		
25 min	<u>0</u>		<u>86</u>		
30 min	<u>0</u>		<u>82</u>		

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

INTERMEDIATE N/A

REMARKS:

Gas sample taken - Hard blow with surge at 20 sec.
Medium blow at 28 sec. Light blow
dead at 30 min.

By Ray Jarama
Teck
(Position)

Witness Monica Kuehling

E-mail address _____

**GCU 185E DK**

Dakota

API # 30-045-24428

Sec. 33, T28N, R12W

San Juan County, New Mexico

Note: This location has H₂S present**History**

Spud date 8/1980.

Formation Tops

Fruitland	1150'
Pictured Cliffs	1430'
Mesa Verde	2970'
Gallup	5040'
Dakota	5965'

5744' KB

5731' GL

Note: This location has H₂S present

12-1/4" Hole

8-5/8", 24# J-55 ST&C casing @ 307'
Cmt w/ 300 sxs Type 'B' neat cement
w/ 2% CaCl. Good cement to surface**Tubing Details (4/2011)**

TUBING, 2.375 x 32.08', 4.7#, J-55, EUE, 110 jts
TUBING, 2.375 x 31.95', 4.7#, J-55, EUE, 79 jts
NIPPLE, PROFILE, "X", 2.375 OD, 1.875 ID
TUBING SUB, 2.375 X 4 FT
NIPPLE, PROFILE, "F", 2.375 OD, 1.780 ID
MULE SHOE, 2.375

Top Set (ft)	Length (ft)	Landed (ft)
12	3529	3541
3541	2524	6065
6065	1	6066
6066	4	6070
6070	1	6071
6071	4	6075

DV Tool @ 4289'

Dakota Perforations 08/1980

6020' - 6084' @ 2 spf

Frac'd w/ 129,000 gal of frac fluid
and 330,000 # of 20-40 sand

X-nipple, 2.375 x 1.875 @ 6065'

F-nipple, 2.375 x 1.780 @ 6070'

2-3/8" EOT @ 6075' (4/2011)

7-7/8" hole

4-1/2" 10.5# J-55 ST&C casing @ 6186'

Cemented:

1st stage : 420 sxs class B cement w/ 50:50 POZ
w/ 6% gel, 2# medium tuf plug per sx & 0.8%
fluid loss additive
2nd stg: 820 sxs class B cement w/ 65:35 POZ
6% gel, 2# medium tuf plug per sx & 0.8%
fluid loss additive. Tailed with 100 sx class B
neat cement. Good circ. to surf.

PBTD: 6134'
TD: 6186'