



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
1000 RIO BRAZOS ROAD
AZTEC NM 87410
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[http://emnr.state.nm.us/ocd/District IIV3distric.htm](http://emnr.state.nm.us/ocd/District%20IIV3district.htm)

BRADENHEAD TEST REPORT

(submit 2 copies to above address)

Date of Test 4-23-2004 Operator Williams Exploration and Production

API #30-0 300451099600 Property Name Rosa Unit Well No 35X

Location: Unit K Section 5 Township 31N Range 06W

Well Status(Shut-In or Producing) Tubing 104 Intermediate 156 Casing 133 Bradenhead 156

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

TIME	PRESSURES:	
	INTERMEDIATE	CASING
5 minutes	<u>1</u>	<u>131</u>
10 minutes	<u>1</u>	<u>130</u>
15 minutes	<u>1</u>	<u>130</u>
20 minutes	<u>1</u>	<u>130</u>
25 minutes	<u>1</u>	<u>130</u>
30 minutes	<u>1</u>	<u>130</u>

	BRADENHEAD FLOWED	INTERMEDIATE FLOWED
	<u>30 min</u>	<u>30 min</u>
Steady Flow		
Surges		
Down to Nothing		
Nothing		
Gas		
Gas & Water		
Water		

well was 1 hour into its 2nd
hour on cycle at start of test.

If bradenhead flowed water, check all of the descriptions that apply below:

CLEAR _____ FRESH _____ SALTY _____ SULFUR _____ BLACK _____

5 MINUTE SHUT-IN BRADENHEAD 7 INTERMEDIATE 47

REMARKS:

Intermediate blew down to a whisper and continued to whisper the full 30 minutes. I obtained gas samples from the Bradenhead, Intermediate, and the casing. The Bradenhead blew down to a whisper and continued to whisper the full 30 minutes.

By Matt Laine

Witness Bruce Mark

Tech
(Position)

NM OGD

Bradenhead and Intermediate valves were left open after test was completed.

KUTZ LAB

Phone: 632-4455

Tested By: Pauline

DATE: 04/27/04

METER NAME:

METER NUMBER:

SAMPLE DATE:

ANALYZED DATE:

Bradenhead

Rose #35X

72564-01

04/23/04

04/26/04

Intermediate

Rose #35X

72564-01

04/23/04

04/26/04

Flowing Sample

72564-01

04/23/04

04/26/04

MOLE %

MOLE %

MOLE %

CARBON DIOXIDE CO2

1.630

1.712

1.985

NITROGEN (N2)

0.463

0.199

0.102

METHANE (C1)

94.284

95.503

95.338

ETHANE (C2)

2.783

2.308

2.310

PROPANE (C3)

0.521

0.236

0.228

ISO-BUTANE (IC4)

0.091

0.042

0.036

N-BUTANE (NC4)

0.100

0.000

0.000

ISO-PENTANE (IC5)

0.035

0.000

0.000

N-PENTANE (NC5)

0.023

0.000

0.000

HEXANES (C6+)

0.070

0.000

0.000

TOTAL:

100.00

100.00

100.00

BTU

1031.41

1017.25

1015.24

SPECIFIC GRAVITY

0.5969

0.5864

0.5885

Line Pressure

Temp.

COMMENTS: