

OIL CONS. DIV DIST. 3

MAY 05 2016

30-039-27726

Jicarilli Apache B9E Casing.txt
Analysis

Date-Time: 05/02/16 11:12 Analysis Time: 230 Cycle Time: 240
 Stream: 1 Stream 1 Mode: ANLY Cycle Start Time: 11:09
 Analyzer: 709875 Strm Seq:1
 Company: Beeline
 S/O: 709875 S/N: 9013051

Component Name	Mole Percent	Gallons/1000 SCF	BTU Gross	Relative Density
C6+ 47/35/17	0.2483	0.1108	13.13	0.0082
PROPANE	6.3766	1.7563	160.81	0.0971
i-BUTANE	0.8483	0.2775	27.65	0.0170
n-BUTANE	2.3003	0.7250	75.22	0.0462
NEOPENTANE	0.0000	0.0000	0.00	0.0000
i-PENTANE	0.5965	0.2181	23.92	0.0149
n-PENTANE	0.5504	0.1995	22.12	0.0137
NITROGEN	0.5672	0.0000	0.00	0.0055
METHANE	76.5763	0.0000	775.21	0.4242
CARBON DIOXIDE	0.3938	0.0000	0.00	0.0060
ETHANE	11.5422	3.0860	204.73	0.1198
TOTALS	100.0000	6.3733	1302.80	0.7525

'*' indicates user-defined components

Compressibility Factor (1/Z) @ 14.73000 PSIA & 60.0 DEG.F= 1.00380

Base Pressures 14.73000

Gross Dry BTU	=	1307.74	Corrected/Z
Gross SAT BTU	=	1284.99	Corrected/Z
Actual Net BTU	=	1187.41	Corrected/Z
Gallons/1000 SCF C6+	=	0.1108	
Real Relative Density Gas	=	0.7551	
Unnormalized Mole Percent	=	94.766	

ACTIVE ALARMS

Low Total Unnormalized Conc.: Stream 1

Jicarilli Apache B9E Bradenhead.txt
Analysis

Date-Time: 05/02/16 10:43 Analysis Time: 230 Cycle Time: 240
Stream: 1 Stream 1 Mode: ANLY Cycle Start Time: 10:39
Analyzer: 709875 Strm Seq:1
Company: Beeline
S/O: 709875 S/N: 9013051

Component Name	Mole Percent	Gallons/1000 SCF	BTU Gross	Relative Density
C6+ 47/35/17	0.4573	0.2041	24.19	0.0152
PROPANE	5.7254	1.5769	144.39	0.0872
i-BUTANE	0.8111	0.2653	26.44	0.0163
n-BUTANE	2.4313	0.7663	79.50	0.0488
NEOPENTANE	0.0000	0.0000	0.00	0.0000
i-PENTANE	1.0710	0.3916	42.95	0.0267
n-PENTANE	1.1514	0.4173	46.26	0.0287
NITROGEN	6.7336	0.0000	0.00	0.0651
METHANE	71.0891	0.0000	719.66	0.3938
CARBON DIOXIDE	74.7 PPM	0.0000	0.00	0.0001
ETHANE	10.5225	2.8134	186.65	0.1092
TOTALS	100.0000	6.4349	1270.03	0.7910

'*' indicates user-defined components

Compressibility Factor (1/Z) @ 14.73000 PSIA & 60.0 DEG.F= 1.00370

Base Pressures 14.73000

Gross Dry BTU	=	1274.73	Corrected/Z
Gross SAT BTU	=	1252.55	Corrected/Z
Actual Net BTU	=	1158.51	Corrected/Z
Gallons/1000 SCF C6+	=	0.2041	
Real Relative Density Gas	=	0.7936	
Unnormalized Mole Percent	=	94.706	

ACTIVE ALARMS

Low Total Unnormalized Conc.: Stream 1



**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/3district.htm](http://emnr.state.nm.us/ocd/District%20III/3district.htm)

BRADENHEAD TEST REPORT

(submit 1 copy to above address)

Date of Test 4-4-16 Operator Elm Ridge API #30-0 39-27726
Property Name Jic. Apache B Well No. 9E Location: Unit F Section 20 Township 24N Range 5W
Well Status (Shut-In or Producing) Initial PSI: Tubing 390 Intermediate NA Casing 390 Bradenhead 20

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing TIME	PRESSURE			INTERM	
	BH	Bradenhead Int	Csg	Int	Csg
5 min	<u>20</u>		<u>390</u>		
10 min	<u>20</u>		<u>390</u>		
15 min	<u>20</u>		<u>391</u>		
20 min					
25 min					
30 min					

FLOW CHARACTERISTICS	
BRADENHEAD	INTERMEDIATE
Steady Flow	
Surges	
<u>Down to Nothing</u>	
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 20 INTERMEDIATE NA

REMARKS:

Builds up 20 PSI in 1 minute. Blows down to nothing 2.5 min.

By

Jordan McMorris
JM

(Position)

Witness

E-mail address

4-5-16
ENTERED
60916091649275

* Bradenhead test
required per OCD 4-28-16