

MAY 05 2016

30-039-05343

Axi Apache D2 Casing.txt
Analysis

Date-Time: 05/02/16 12:21 Analysis Time: 230 Cycle Time: 240
 Stream: 1 Stream 1 Mode: ANLY Cycle Start Time: 12:17
 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	0.5148	0.2297	27.23	0.0171
PROPANE	4.8467	1.3349	122.23	0.0738
i-BUTANE	1.2950	0.4237	42.21	0.0260
n-BUTANE	1.3367	0.4213	43.71	0.0268
NEOPENTANE	0.0000	0.0000	0.00	0.0000
i-PENTANE	0.5320	0.1945	21.34	0.0133
n-PENTANE	0.3257	0.1180	13.08	0.0081
NITROGEN	1.7807	0.0000	0.00	0.0172
METHANE	81.7608	0.0000	827.70	0.4529
CARBON DIOXIDE	0.0619	0.0000	0.00	0.0009
ETHANE	7.5457	2.0175	133.84	0.0783
TOTALS	100.0000	4.7397	1231.34	0.7144

'*' indicates user-defined components

Compressibility Factor (1/Z) @ 14.73000 PSIA & 60.0 DEG.F= 1.00330

Base Pressures 14.73000

Gross Dry BTU	=	1235.40	Corrected/Z
Gross SAT BTU	=	1213.90	Corrected/Z
Actual Net BTU	=	1120.18	Corrected/Z
Gallons/1000 SCF C6+	=	0.2297	
Real Relative Density Gas	=	0.7165	
Unnormalized Mole Percent	=	94.476	

ACTIVE ALARMS

Low Total Unnormalized Conc.: Stream 1

Axi Apache D2 Bradenhead.txt
Analysis

Date-Time: 05/02/16 11:59 Analysis Time: 230 Cycle Time: 240
Stream: 1 Stream 1 Mode: ANLY Cycle Start Time: 11:55
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	0.3876	0.1729	20.50	0.0128
PROPANE	4.8620	1.3391	122.61	0.0740
i-BUTANE	1.3074	0.4277	42.61	0.0262
n-BUTANE	1.3783	0.4344	45.07	0.0277
NEOPENTANE	0.0000	0.0000	0.00	0.0000
i-PENTANE	0.5541	0.2026	22.22	0.0138
n-PENTANE	0.3492	0.1266	14.03	0.0087
NITROGEN	3.2822	0.0000	0.00	0.0317
METHANE	80.3136	0.0000	813.05	0.4449
CARBON DIOXIDE	0.0754	0.0000	0.00	0.0011
ETHANE	7.4903	2.0027	132.86	0.0778
TOTALS	100.0000	4.7060	1212.95	0.7188

'*' indicates user-defined components

Compressibility Factor (1/Z) @ 14.73000 PSIA & 60.0 DEG.F= 1.00323

Base Pressures	14.73000	
Gross Dry BTU	= 1216.88	Corrected/Z
Gross SAT BTU	= 1195.70	Corrected/Z
Actual Net BTU	= 1103.40	Corrected/Z
Gallons/1000 SCF C6+	= 0.1729	
Real Relative Density Gas	= 0.7208	
Unnormalized Mole Percent	= 94.633	

ACTIVE ALARMS

Low Total Unnormalized Conc.: Stream 1

Axi Apache D2 Tubing.txt
Analysis

Date-Time: 05/02/16 12:59 Analysis Time: 230 Cycle Time: 240
Stream: 1 Stream 1 Mode: ONLY Cycle Start Time: 12:55
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	0.5860	0.2615	30.99	0.0194
PROPANE	4.8977	1.3490	123.52	0.0746
i-BUTANE	1.3015	0.4258	42.42	0.0261
n-BUTANE	1.3476	0.4248	44.07	0.0270
NEOPENTANE	0.0000	0.0000	0.00	0.0000
i-PENTANE	0.5287	0.1933	21.20	0.0132
n-PENTANE	0.3227	0.1169	12.96	0.0080
NITROGEN	1.7267	0.0000	0.00	0.0167
METHANE	81.5826	0.0000	825.89	0.4519
CARBON DIOXIDE	0.0667	0.0000	0.00	0.0010
ETHANE	7.6397	2.0426	135.51	0.0793
TOTALS	100.0000	4.8139	1236.57	0.7173

'*' indicates user-defined components

Compressibility Factor (1/Z) @ 14.73000 PSIA & 60.0 DEG.F= 1.00333

Base Pressures		14.73000
Gross Dry BTU	=	1240.69
Gross SAT BTU	=	1219.10
Actual Net BTU	=	1125.09
Gallons/1000 SCF C6+	=	0.2615
Real Relative Density Gas	=	0.7194
Unnormalized Mole Percent	=	94.415

ACTIVE ALARMS
None



**NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT**

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<http://emnr.state.nm.us/ocd/District/III/3distric.htm>

BRADENHEAD TEST REPORT

(submit 1 copy to above address)

Date of Test 4-11-16 Operator Elm Ridge API #30-0 39-05343
Property Name AXI Apache D Well No. 2 Location: Unit N Section 19 Township 24^N Range 4^W
Well Status (Shut-In or Producing) Initial PSI: Tubing 60 Intermediate NA Casing 120 Bradenhead 150

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing TIME	PRESSURE				
	BH	Bradenhead Int	Csg	INTERM Int	Csg
5 min	55	NA	120		
10 min	15	NA	120		
15 min	0	NA	120		
20 min					
25 min					
30 min					

	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 3psi INTERMEDIATE NA

REMARKS: 2" to 1" bradenhead
Bkw down to 0 in 8 min. 33 sec

By Jordan McMorris
Lease operator
(Position)

Witness NA

E-mail address _____

* Bradenhead
test required per OCP
4-28-16

base 10045712

ENTERED
4-13-16
J