

Run File C:\STAR\DATA\12.29.04\3.14.05\DEV RIFLEMAN5#4.RUN

Method C:\star\method_extended_gas_scott.mth

Operator Vickie Sullivan

Analysis Date 8/30/2005

Station Rifleman 5 #4

Company Devon Energy

Effective Date

Pulled Data 8/29/05

Received Date 8/29/05

Composite/Spot

<u>Component</u>	<u>Mole %</u>	<u>BTU</u>	<u>GPM</u>
Methylcyclohexane	0.0107	0.56	0.0043
Toluene	0.0097	0.43	0.0032
n-Octane	0.0065	0.41	0.0033
Ethylbenzene	0.0132	0.69	0.0051
m&p xylene	0.0049	0.00	0.0000
o-Xylene	0.0014	0.07	0.0005
n-Nonane	0.0155	1.09	0.0067
n-Decane	0.0000	0.00	0.0000
Totals	100.0000	1,053.06	1.5192

Relative Density from Composition 0.5870

BTUs @ 14.65 Saturated 1,037

BTUs @ 14.65 Dry 1,055

Compressibility 0.99781

Nearby Gas Analysis for Rifleman 5 State Com #3.

30 - 015 - 34384

8/30/2005

**Laboratory Services Inc.**

2609 West Marland

Hobbs, New Mexico 88240

(505)397-3713

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Station	Rifleman 5 #4	Company	Devon Energy
Effective Date		Pulled Data	8/29/05
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<u>Component</u>	<u>Mole %</u>	<u>BTU</u>	<u>GPM</u>
H2S			
Nitrogen	0.4300	0.00	0.0000
Methane	92.6880	938.32	0.0000
CO2	1.3762	0.00	0.0000
Ethane	4.0971	72.67	1.0958
Propane	0.9132	23.03	0.2516
i-Butane	0.1250	4.07	0.0409
n-Butane	0.1478	4.83	0.0466
i-Pentane	0.0487	1.95	0.0178
n-Pentane	0.0301	1.21	0.0109
Cyclopentane	0.0074	0.28	0.0022
2-Methylpentane	0.0099	0.47	0.0041
3-Methylpentane	0.0080	0.38	0.0033
n-Hexane	0.0149	0.71	0.0061
Methylcyclopentane	0.0058	0.26	0.0021
Benzene	0.0116	0.44	0.0033
Cyclohexane	0.0154	0.69	0.0052
n-Heptane	0.0089	0.49	0.0041

8/30/2005

ARTESIA, N.M.

AUG 08 2005

Wildcat Measurement Service
 P.O. Box 1836
 Artesia, New Mexico 88211-1836
 TollFree #888-421-9453
 Office #505-746-3481
 "Quality and Service is our First Concern"

PDS 06/25/00

Run No. 250728-35
 Date Run 07/28/2005
 Date Sampled 07/27/2005

Analysis for: DEVON ENERGY PRODUCTION COMPANY

GPANGL160

Well Name: RIFLEMAN "5" FEDERAL #4

Field:

Producer: DEVON ENERGY PRODUCTION

Sta. Number: 885-12-057

County: EDDY

State: NM

Purpose: SPOT-EFM

Sampled By: JACK PITTMAN

Sampling Temp: 82.2 DEG F

Atmos Temp: DEG F

Volume/day: 1.8 MNC/Day

Formation:

Pressure on Cylinder: 518.4 PSIG

Line Pressure: 531.6 PSIA

GAS COMPONENT ANALYSIS

Pressure Base: 14.7300

		Mol %	GPM
Carbon Dioxide	CO2	1.9215	
Nitrogen	N2	0.5124	
Methane	C1	92.1455	
Ethane	C2	4.0539	1.0836
Propane	C3	0.8552	0.2355
Iso-Butane	IC4	0.1361	0.0445
Nor-Butane	NC4	0.1278	0.0403
Iso-Pentane	IC5	0.0496	0.0182
Nor-Pentane	NC5	0.0345	0.0125
Hexanes Plus	C6+	0.1635	0.0713
TOTAL		100.0000	1.5058

Real BTU Dry: 1049.11
 Real BTU Wet: 1030.85
 Real Calc. Specific Gravity: 0.6134
 Field Specific Gravity: 0.0000

Standard Pressure: 14.6960
 BTU Dry: 1044.28
 BTU Wet: 1026.11

Z Factor: 0.9977
 N Value: 1.3008
 Avg Mol Weight: 17.7347
 Avg CuFt/Gal: 57.9357
 26 Lb Product: 0.1630
 Methane+ GPM: 17.1241
 Ethane+ GPM: 1.5058
 Propane+ GPM: 0.4223
 Butane+ GPM: 0.1868
 Pentane+ GPM: 0.1020

REMARKS:
 SAMPLE TAKEN FOR EFM

Approved by: DON NORMAN

Thu Jul 28 20:40:45 2005