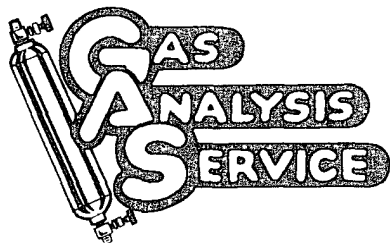


6/12/2007

BP AMERICA/FARMINGTON
WELL ANALYSIS COMPARISONWELL NAME: MC CULLEY LS 5N
STATION NO.:

30-045-32306

	MV/DK BRADENHEAD	MV/DK CASING	MV/DK INT. VALVE	MV/DK TUBING
ANALYSIS NO.:	BP270026	BP270027	BP270028	BP270029
DATE:	5/29/2007	5/29/2007	5/29/2007	5/29/2007
COMPONENT	<u>MOLE %</u>	<u>MOLE %</u>	<u>MOLE %</u>	<u>MOLE %</u>
NITROGEN	0.275	0.268	0.248	0.386
CO2	0.002	0.002	0.003	1.339
METHANE	79.713	79.709	80.002	82.584
ETHANE	10.961	10.924	10.925	8.850
PROPANE	5.870	5.846	5.780	3.718
I-BUTANE	1.047	1.048	1.022	0.820
N-BUTANE	1.182	1.191	1.145	0.974
I-PENTANE	0.345	0.356	0.328	0.407
N-PENTANE	0.258	0.269	0.241	0.283
HEXANE +	0.347	0.386	0.306	0.639
	<u>100.000</u>	<u>100.000</u>	<u>100.000</u>	<u>100.000</u>
BTU'S	<u>1269.3</u>	<u>1271.3</u>	<u>1263.7</u>	<u>1210.9</u>
GPM	<u>5.6356</u>	<u>5.6480</u>	<u>5.5507</u>	<u>4.5010</u>
SPEC. GRAV.	<u>0.7187</u>	<u>0.7199</u>	<u>0.7149</u>	<u>0.7045</u>



2030 AFTON PLACE
FARMINGTON, N.M. 87401
(505) 325-6622

ANALYSIS NO. BP270026
CUST. NO. 12305 - 10220

WELL/LEASE INFORMATION

CUSTOMER NAME	BP AMERICA/FARMINGTON	SOURCE	BRADENHEAD
WELL NAME	MC CULLEY LS 5N	PRESSURE	195 PSIG
COUNTY/ STATE	SAN JUAN NM	SAMPLE TEMP	N/A DEG.F
LOCATION	F24-28N-09W	WELL FLOWING	Y
FIELD		DATE SAMPLED	05/29/2007
FORMATION	MV/DK	SAMPLED BY	DR/LC
CUST.STN.NO.		FOREMAN/ENGR.	

REMARKS

ANALYSIS				
COMPONENT	MOLE %	GPM**	B.T.U.*	SP.GR *
NITROGEN	0.275	0.0000	0.00	0.0027
CO2	0.002	0.0000	0.00	0.0000
METHANE	79.713	0.0000	806.93	0.4416
ETHANE	10.961	2.9298	194.43	0.1138
PROPANE	5.870	1.6162	148.04	0.0894
I-BUTANE	1.047	0.3425	34.13	0.0210
N-BUTANE	1.182	0.3726	38.65	0.0237
I-PENTANE	0.345	0.1262	13.84	0.0086
N-PENTANE	0.258	0.0934	10.37	0.0064
HEXANE PLUS	0.347	0.1548	18.36	0.0115
TOTAL	100.000	5.6356	1,264.75	0.7187

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

** @ 14.730 PSIA & 60 DEG. F.

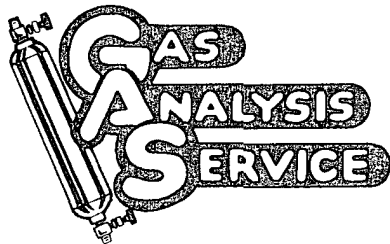
COMPRESSIBILITY FACTOR (1/Z)	1.0040
BTU/CU.FT (DRY) CORRECTED FOR (1/Z)	1,269.3
BTU/CU.FT (WET) CORRECTED FOR (1/Z)	1,248.1
REAL SPECIFIC GRAVITY	0.7210

GPM, BTU, and SPG calculations as shown above are based on current GPA factors.

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

DRY BTU @ 14.650	1,262.4
DRY BTU @ 14.696	1,266.4
DRY BTU @ 14.730	1,269.3
DRY BTU @ 15.025	1,294.7

CYLINDER #	1253
CYLINDER PRESSURE	152 PSIG
DATE RUN	06/04/2007
ANALYSIS RUN BY	TIFFANI MONTOYA



2030 AFTON PLACE
FARMINGTON, N.M. 87401
(505) 325-6622

ANALYSIS NO. BP270027
CUST. NO. 12305 - 10225

WELL/LEASE INFORMATION

CUSTOMER NAME	BP AMERICA/FARMINGTON	SOURCE	CASING
WELL NAME	MC CULLEY LS 5N	PRESSURE	185 PSIG
COUNTY/ STATE	SAN JUAN NM	SAMPLE TEMP	N/A DEG.F
LOCATION	F24-28N-09W	WELL FLOWING	Y
FIELD		DATE SAMPLED	05/29/2007
FORMATION	MV/DK	SAMPLED BY	DR/LC
CUST.STN.NO.		FOREMAN/ENGR.	

REMARKS

ANALYSIS				
COMPONENT	MOLE %	GPM**	B.T.U.*	SP.GR *
NITROGEN	0.268	0.0000	0.00	0.0026
CO2	0.002	0.0000	0.00	0.0000
METHANE	79.709	0.0000	806.89	0.4416
ETHANE	10.924	2.9199	193.77	0.1134
PROPANE	5.847	1.6099	147.46	0.0890
I-BUTANE	1.048	0.3428	34.16	0.0210
N-BUTANE	1.191	0.3755	38.94	0.0239
I-PENTANE	0.356	0.1303	14.28	0.0089
N-PENTANE	0.269	0.0974	10.81	0.0067
HEXANE PLUS	0.386	0.1722	20.42	0.0128
TOTAL	100.000	5.6480	1,266.73	0.7199

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

** @ 14.730 PSIA & 60 DEG. F.

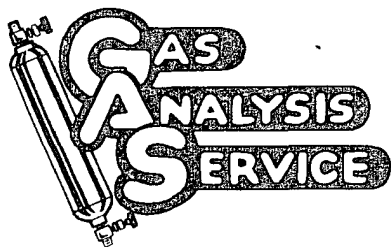
COMPRESSIBILITY FACTOR (1/Z)	1.0040
BTU/CU.FT (DRY) CORRECTED FOR (1/Z)	1,271.3
BTU/CU.FT (WET) CORRECTED FOR (1/Z)	1,250.1
REAL SPECIFIC GRAVITY	0.7222

GPM, BTU, and SPG calculations as shown above are based on current GPA factors.

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

DRY BTU @ 14.650	1,264.4
DRY BTU @ 14.696	1,268.4
DRY BTU @ 14.730	1,271.3
DRY BTU @ 15.025	1,296.8

CYLINDER #	1312
CYLINDER PRESSURE	70 PSIG
DATE RUN	06/04/2007
ANALYSIS RUN BY	TIFFANI MONTOYA



2030 AFTON PLACE
FARMINGTON, N.M. 87401
(505) 325-6622

ANALYSIS NO. BP270028
CUST. NO. 12305 - 10230

WELL/LEASE INFORMATION

CUSTOMER NAME	BP AMERICA/FARMINGTON	SOURCE	INT. VALVE
WELL NAME	MC CULLEY LS 5N	PRESSURE	300 PSIG
COUNTY/ STATE	SAN JUAN NM	SAMPLE TEMP	N/A DEG.F
LOCATION	F24-28N-09W	WELL FLOWING	Y
FIELD		DATE SAMPLED	05/29/2007
FORMATION	MV/DK	SAMPLED BY	DR/LC
CUST.STN.NO.		FOREMAN/ENGR.	

REMARKS

ANALYSIS				
COMPONENT	MOLE %	GPM**	B.T.U.*	SP.GR *
NITROGEN	0.248	0.0000	0.00	0.0024
CO2	0.003	0.0000	0.00	0.0000
METHANE	80.002	0.0000	809.86	0.4432
ETHANE	10.925	2.9201	193.79	0.1134
PROPANE	5.780	1.5915	145.77	0.0880
I-BUTANE	1.022	0.3343	33.31	0.0205
N-BUTANE	1.145	0.3610	37.44	0.0230
I-PENTANE	0.328	0.1200	13.15	0.0082
N-PENTANE	0.241	0.0873	9.68	0.0060
HEXANE PLUS	0.306	0.1365	16.19	0.0101
TOTAL	100.000	5.5507	1,259.19	0.7149

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

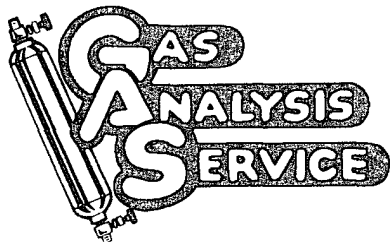
** @ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z)	1.0040	GPM, BTU, and SPG calculations as shown above are based on current GPA factors.
BTU/CU.FT (DRY) CORRECTED FOR (1/Z)	1,263.7	
BTU/CU.FT (WET) CORRECTED FOR (1/Z)	1,242.6	
REAL SPECIFIC GRAVITY	0.7171	

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

DRY BTU @ 14.650	1,256.9
DRY BTU @ 14.696	1,260.8
DRY BTU @ 14.730	1,263.7
DRY BTU @ 15.025	1,289.0

CYLINDER #	1303
CYLINDER PRESSURE	275 PSIG
DATE RUN	06/04/2007
ANALYSIS RUN BY	DAWN BLASSINGAME



2030 AFTON PLACE
FARMINGTON, N.M. 87401
(505) 325-6622

ANALYSIS NO. BP270029
CUST. NO. 12305 - 10235

WELL/LEASE INFORMATION

CUSTOMER NAME	BP AMERICA/FARMINGTON	SOURCE	TUBING
WELL NAME	MC CULLEY LS 5N	PRESSURE	185 PSIG
COUNTY/ STATE	SAN JUAN NM	SAMPLE TEMP	N/A DEG.F
LOCATION	F24-28N-09W	WELL FLOWING	Y
FIELD		DATE SAMPLED	05/29/2007
FORMATION	MV/DK	SAMPLED BY	DR/LC
CUST.STN.NO.		FOREMAN/ENGR.	

REMARKS

ANALYSIS				
COMPONENT	MOLE %	GPM**	B.T.U.*	SP.GR *
NITROGEN	0.386	0.0000	0.00	0.0037
CO2	1.339	0.0000	0.00	0.0203
METHANE	82.584	0.0000	836.00	0.4575
ETHANE	8.850	2.3655	156.98	0.0919
PROPANE	3.718	1.0237	93.77	0.0566
I-BUTANE	0.820	0.2682	26.73	0.0165
N-BUTANE	0.974	0.3071	31.85	0.0195
I-PENTANE	0.407	0.1489	16.32	0.0101
N-PENTANE	0.283	0.1025	11.37	0.0071
HEXANE PLUS	0.639	0.2851	33.81	0.0212
TOTAL	100.000	4.5010	1,206.83	0.7045

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

** @ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z)	1.0030
BTU/CU.FT (DRY) CORRECTED FOR (1/Z)	1,210.9
BTU/CU.FT (WET) CORRECTED FOR (1/Z)	1,190.7
REAL SPECIFIC GRAVITY	0.7065

GPM, BTU, and SPG calculations as shown above are based on current GPA factors.

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

DRY BTU @ 14.650	1,204.4
DRY BTU @ 14.696	1,208.1
DRY BTU @ 14.730	1,210.9
DRY BTU @ 15.025	1,235.2

CYLINDER #	1406
CYLINDER PRESSURE	122 PSIG
DATE RUN	06/04/2007
ANALYSIS RUN BY	TIFFANI MONTOYA