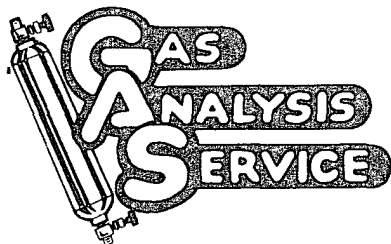


6/12/2007

BP AMERICA/FARMINGTON
WELL ANALYSIS COMPARISONWELL NAME: GCU 166E
STATION NO.:

30-045-24429

	DAKOTA BRADENHEAD	DAKOTA CASING	DAKOTA TUBING
ANALYSIS NO.:	BP270015	BP270016	BP270017
DATE:	5/31/2007	5/31/2007	5/31/2007
COMPONENT	<u>MOLE %</u>	<u>MOLE %</u>	<u>MOLE %</u>
NITROGEN	0.305	0.766	0.756
CO2	0.008	0.889	0.882
METHANE	88.992	86.019	86.212
ETHANE	6.435	7.844	7.818
PROPANE	2.574	2.521	2.379
I-BUTANE	0.466	0.393	0.391
N-BUTANE	0.612	0.638	0.637
I-PENTANE	0.208	0.230	0.233
N-PENTANE	0.141	0.200	0.199
HEXANE +	0.259	0.500	0.493
	<u>100.000</u>	<u>100.000</u>	<u>100.000</u>
<u>BTU'S</u>	<u>1146.0</u>	<u>1154.2</u>	<u>1151.7</u>
<u>GPM</u>	<u>3.0168</u>	<u>3.5001</u>	<u>3.4507</u>
<u>SPEC. GRAV.</u>	<u>0.6410</u>	<u>0.6653</u>	<u>0.6634</u>



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

ANALYSIS NO. BP270015
CUST. NO. 12305 - 10165

WELL/LEASE INFORMATION

CUSTOMER NAME	BP AMERICA/FARMINGTON	SOURCE	BRADENHEAD
WELL NAME	GCU 166E	PRESSURE	90 PSIG
COUNTY/ STATE	SAN JUAN NM	SAMPLE TEMP	N/A DEG.F
LOCATION	E34-28N-12W	WELL FLOWING	Y
FIELD		DATE SAMPLED	05/31/2007
FORMATION	DAKOTA	SAMPLED BY	DR/LC
CUST.STN.NO.		FOREMAN/ENGR.	

REMARKS

ANALYSIS				
COMPONENT	MOLE %	GPM**	B.T.U.*	SP.GR *
NITROGEN	0.305	0.0000	0.00	0.0030
CO2	0.008	0.0000	0.00	0.0001
METHANE	88.992	0.0000	900.87	0.4930
ETHANE	6.435	1.7200	114.14	0.0668
PROPANE	2.574	0.7087	64.92	0.0392
I-BUTANE	0.466	0.1524	15.19	0.0094
N-BUTANE	0.612	0.1929	20.01	0.0123
I-PENTANE	0.208	0.0761	8.34	0.0052
N-PENTANE	0.141	0.0511	5.67	0.0035
HEXANE PLUS	0.259	0.1156	13.70	0.0086
TOTAL	100.000	3.0168	1,142.84	0.6410

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

** @ 14.730 PSIA & 60 DEG. F.

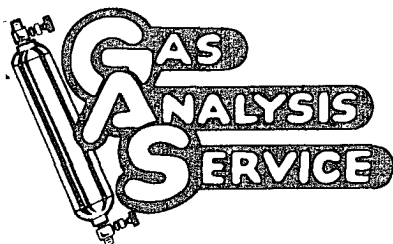
COMPRESSIBILITY FACTOR (1/Z)	1.0030
BTU/CU.FT (DRY) CORRECTED FOR (1/Z)	1,146.0
BTU/CU.FT (WET) CORRECTED FOR (1/Z)	1,127.0
REAL SPECIFIC GRAVITY	0.6426

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	1,139.8
DRY BTU @ 14.696	1,143.4
DRY BTU @ 14.730	1,146.0
DRY BTU @ 15.025	1,169.0

CYLINDER #	1074
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. BP270016
CUST. NO. 12305 - 10170

WELL/LEASE INFORMATION

CUSTOMER NAME	BP AMERICA/FARMINGTON	SOURCE	CASING
WELL NAME	GCU 166E	PRESSURE	310 PSIG
COUNTY/STATE	SAN JUAN NM	SAMPLE TEMP	N/A DEG.F
LOCATION	E34-28N-12W	WELL FLOWING	Y
FIELD		DATE SAMPLED	05/31/2007
FORMATION	DAKOTA	SAMPLED BY	DR/LC
CUST.STN.NO.		FOREMAN/ENGR.	

REMARKS

ANALYSIS				
COMPONENT	MOLE %	GPM**	B.T.U.*	SP.GR *
NITROGEN	0.766	0.0000	0.00	0.0074
CO2	0.889	0.0000	0.00	0.0135
METHANE	86.019	0.0000	870.77	0.4765
ETHANE	7.844	2.0966	139.14	0.0814
PROPANE	2.521	0.6941	63.58	0.0384
I-BUTANE	0.393	0.1285	12.81	0.0079
N-BUTANE	0.638	0.2011	20.86	0.0128
I-PENTANE	0.230	0.0842	9.22	0.0057
N-PENTANE	0.200	0.0724	8.04	0.0050
HEXANE PLUS	0.500	0.2231	26.45	0.0166
TOTAL	100.000	3.5001	1,150.87	0.6653

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

** @ 14.730 PSIA & 60 DEG. F.

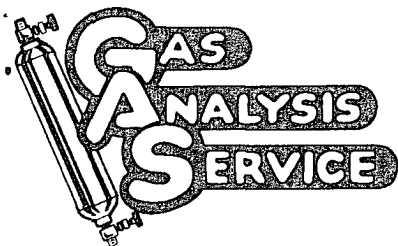
COMPRESSIBILITY FACTOR (1/Z)	1.0030
BTU/CU.FT (DRY) CORRECTED FOR (1/Z)	1,154.2
BTU/CU.FT (WET) CORRECTED FOR (1/Z)	1,135.0
REAL SPECIFIC GRAVITY	0.6669

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	1,147.9
DRY BTU @ 14.696	1,151.5
DRY BTU @ 14.730	1,154.2
DRY BTU @ 15.025	1,177.3

CYLINDER #	1496
CYLINDER PRESSURE	293 PSIG
DATE RUN	06/04/2007
ANALYSIS RUN BY	ROSEANN MUNIZ



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

ANALYSIS NO. BP270017
CUST. NO. 12305 - 10175

WELL/LEASE INFORMATION

CUSTOMER NAME	BP AMERICA/FARMINGTON	SOURCE	TUBING
WELL NAME	GCU 166E	PRESSURE	305 PSIG
COUNTY/ STATE	SAN JUAN NM	SAMPLE TEMP	N/A DEG.F
LOCATION	E34-28N-12W	WELL FLOWING	Y
FIELD		DATE SAMPLED	05/31/2007
FORMATION	DAKOTA	SAMPLED BY	DR/LC
CUST.STN.NO.		FOREMAN/ENGR.	

REMARKS

ANALYSIS				
COMPONENT	MOLE %	GPM**	B.T.U.*	SP.GR *
NITROGEN	0.756	0.0000	0.00	0.0073
CO2	0.882	0.0000	0.00	0.0134
METHANE	86.212	0.0000	872.72	0.4776
ETHANE	7.818	2.0897	138.67	0.0812
PROPANE	2.379	0.6550	60.00	0.0362
I-BUTANE	0.391	0.1279	12.74	0.0078
N-BUTANE	0.637	0.2008	20.83	0.0128
I-PENTANE	0.233	0.0853	9.34	0.0058
N-PENTANE	0.199	0.0721	8.00	0.0050
HEXANE PLUS	0.493	0.2200	26.08	0.0163
TOTAL	100.000	3.4507	1,148.38	0.6634

* @ 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)	1,151.7
BTU/CU.FT. (WET) CORRECTED FOR (1/Z)	1,132.6
REAL SPECIFIC GRAVITY	0.6651

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	1,145.5
DRY BTU @ 14.696	1,149.1
DRY BTU @ 14.730	1,151.7
DRY BTU @ 15.025	1,174.8

CYLINDER #	1308
CYLINDER PRESSURE	288 PSIG
DATE RUN	06/04/2007
ANALYSIS RUN BY	DAWN BLASSINGAME