



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

ANALYSIS NO. BP290013
CUST. NO. 12305 - 10115

WELL/LEASE INFORMATION

CUSTOMER NAME	BP AMERICA/FARMINGTON	SOURCE	BRADENHEAD
WELL NAME	CALLOW 8E	PRESSURE	20 PSI G
COUNTY/ STATE	SAN JUAN CO	SAMPLE TEMP	N/A DEG.F
LOCATION	G27-29N-13W	WELL FLOWING	Y
FIELD		DATE SAMPLED	03/31/2009
FORMATION	DAKOTA	SAMPLED BY	DERECK RHODEN
CUST.STN.NO.		FOREMAN/ENGR.	

REMARKS

API #3004524293
LEASE #NMNM0468126

ANALYSIS				
COMPONENT	MOLE %	GPM**	B.T.U *	SP.GR *
NITROGEN	0.401	0.0000	0.00	0.0039
CO2	0.310	0.0000	0.00	0.0047
METHANE	92.027	0.0000	931.61	0.5097
ETHANE	5.229	1.3977	92.75	0.0543
PROPANE	1.588	0.4372	40.05	0.0242
I-BUTANE	0.355	0.1161	11.57	0.0071
N-BUTANE	0.045	0.0142	1.47	0.0009
I-PENTANE	0.019	0.0070	0.76	0.0005
N-PENTANE	0.000	0.0000	0.00	0.0000
HEXANE PLUS	0.026	0.0116	1.36	0.0008
TOTAL	100.000	1.9838	1,079.57	0.6061

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

** @ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z)	1.0020
BTU/CU.FT (DRY) CORRECTED FOR (1/Z)	1,082.2
BTU/CU.FT (WET) CORRECTED FOR (1/Z)	1,064.2
REAL SPECIFIC GRAVITY	0.6073

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	1,076.3
DRY BTU @ 14.696	1,079.7
DRY BTU @ 14.730	1,082.2
DRY BTU @ 15.025	1,103.8

CYLINDER #	5005
CYLINDER PRESSURE	13 PSIG
DATE RUN	03/31/2009
ANALYSIS RUN BY	AMANDA FLOREZ

BP AMERICA/FARMINGTON
WELL ANALYSIS COMPARISON

LEASE : CALLOW 8E

BRADENHEAD

3/31/2009

STN.NO. :

DAKOTA

12305 - 10115

MTR.NO. :

SMPL DATE	03/31/2009	03/20/2009	05/31/2007
TEST DATE	03/31/2009	03/24/2009	06/04/2007
RUN NR.	BP290013	BP290011	BP270005
NITROGEN	0 401	0.349	1 550
CO2	0 310	0 039	0 003
METHANE	92.027	92.364	92 997
ETHANE	5 229	5 232	3.997
PROPANE	1.588	1 582	1.128
I-BUTANE	0.355	0.355	0 249
N-BUTANE	0.045	0 043	0.033
I-PENTANE	0 019	0 018	0.025
N-PENTANE	0 000	0.000	0.002
HEXANE +	0 026	0 018	0.016
BTU	1,082 2	1,085.0	1,054 3
GPM	1.9838	1 9783	1.4878
SP GRAV	0 6073	0.6042	0.5968