



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

ANALYSIS NO. CP110808
CUST. NO. 18300 - 21920

WELL/LEASE INFORMATION

CUSTOMER NAME	CONOCO PHILLIPS COMPANY	SOURCE	BRADENHEAD
WELL NAME	BLANCO COM A #6A BHD	PRESSURE	67 PSI G
COUNTY/ STATE	SAN JUAN	SAMPLE TEMP	N/A DEG F
LOCATION		WELL FLOWING	Y
FIELD		DATE SAMPLED	08/22/2011
FORMATION	MESA VERDE	SAMPLED BY	DANIEL WELLS
CUST.STN.NO.	90269	FOREMAN/ENGR.	CHRIS PIERSON
	A721758SM		

REMARKS API# 30-045-23042

ANALYSIS				
COMPONENT	MOLE %	GPM**	B.T.U *	SP.GR *
NITROGEN	4.164	0.4590	0.00	0.0403
CO2	1.680	0.2870	0.00	0.0255
METHANE	83.878	14.2530	847.17	0.4646
ETHANE	6.392	1.7130	113.12	0.0664
PROPANE	2.910	0.8040	73.22	0.0443
I-BUTANE	0.565	0.1850	18.37	0.0113
N-BUTANE	0.410	0.1300	13.38	0.0082
I-PENTANE	0.000	0.0000	0.00	0.0000
N-PENTANE	0.000	0.0000	0.00	0.0000
HEXANE PLUS	0.001	0.0000	0.05	0.0000
TOTAL	100.000	17.8310	1,065.31	0.6607

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

** @ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z)	1.0026	GPM, BTU, and SPG calculations as shown above are based on current GPA factors.
BTU/CU FT (DRY) CORRECTED FOR (1/Z)	1,070.6	
BTU/CU.FT (WET) CORRECTED FOR (1/Z)	1,052.0	
REAL SPECIFIC GRAVITY	0.6621	

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

DRY BTU @ 14.650	1,064.8	CYLINDER #	4205
DRY BTU @ 14.696	1,068.1	CYLINDER PRESSURE	64 PSIG
DRY BTU @ 14.730	1,070.6	DATE RUN	08/24/2011
DRY BTU @ 15.025	1,092.0	ANALYSIS RUN BY	SARAH MANGUM

CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

LEASE :	BLANCO COM A #6A BHD	BRADENHEAD	8/25/2011
STN.NO. :	90269	MESA VERDE	18300 - 21920
MTR.NO. :	A721758SM		

SMPL DATE	08/22/2011
TEST DATE	08/24/2011
RUN NR.	CP110808

NITROGEN	4.164
CO2	1.680
METHANE	83.878
ETHANE	6.392
PROPANE	2.910
I-BUTANE	0.565
N-BUTANE	0.410
I-PENTANE	0.000
N-PENTANE	0.000
HEXANE +	0.001

BTU	1,070.6
GPM	17.8310
SP.GRAV.	0.6621



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

ANALYSIS NO. CP110809
CUST. NO. 18300 - 21925

WELL/LEASE INFORMATION

CUSTOMER NAME	CONOCO PHILLIPS COMPANY	SOURCE	CASING
WELL NAME	BLANCO COM A #6A CSG	PRESSURE	82 PSI G
COUNTY/ STATE	SAN JUAN	SAMPLE TEMP	N/A DEG.F
LOCATION		WELL FLOWING	Y
FIELD		DATE SAMPLED	08/22/2011
FORMATION	MESA VERDE	SAMPLED BY	DANIEL WELLS
CUST.STN.NO.	90269	FOREMAN/ENGR.	CHRIS PIERSON
	A721758SM		

REMARKS API# 30-045-23042

ANALYSIS				
COMPONENT	MOLE %	GPM**	B T.U.*	SP.GR *
NITROGEN	4.082	0.4500	0.00	0.0395
CO2	1.763	0.3020	0.00	0.0268
METHANE	84.552	14.3660	853.98	0.4683
ETHANE	6.258	1.6770	110.75	0.0650
PROPANE	2.637	0.7280	66.35	0.0401
I-BUTANE	0.430	0.1410	13.98	0.0086
N-BUTANE	0.269	0.0850	8.78	0.0054
I-PENTANE	0.005	0.0020	0.20	0.0001
N-PENTANE	0.004	0.0010	0.16	0.0001
HEXANE PLUS	0.000	0.0000	0.00	0.0000
TOTAL	100.000	17.7520	1,054.20	0.6540

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

** @ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z)	1.0025	GPM, BTU, and SPG calculations as shown above are based on current GPA factors.
BTU/CU.FT (DRY) CORRECTED FOR (1/Z)	1,059.3	
BTU/CU.FT (WET) CORRECTED FOR (1/Z)	1,040.9	
REAL SPECIFIC GRAVITY	0.6554	

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

DRY BTU @ 14.650	1,053.5	CYLINDER #	5003
DRY BTU @ 14.696	1,056.9	CYLINDER PRESSURE	79 PSIG
DRY BTU @ 14.730	1,059.3	DATE RUN	08/24/2011
DRY BTU @ 15.025	1,080.5	ANALYSIS RUN BY	LOGAN RICHTER

CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

LEASE : BLANCO COM A #6A CSG
STN.NO. : 90269
MTR.NO. : A721758SM

CASING
MESA VERDE

8/25/2011
18300 - 21925

SMPL DATE 08/22/2011
TEST DATE 08/24/2011
RUN NR CP110809

NITROGEN 4.082
CO2 1.763
METHANE 84.552
ETHANE 6.258
PROPANE 2.637
I-BUTANE 0.430
N-BUTANE 0.269
I-PENTANE 0.005
N-PENTANE 0.004
HEXANE + 0.000

BTU 1,059.3
GPM 17.7520
SP GRAV 0.6554