



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

ANALYSIS NO. CP110758
CUST. NO. 18300 - 21710

WELL/LEASE INFORMATION

API # 30-045-35014

CUSTOMER NAME CONOCO PHILLIPS COMPANY
WELL NAME DELHI #1B
COUNTY/ STATE
LOCATION
FIELD
FORMATION
CUST.STN.NO. A02431481SM

SOURCE BH VALVE
PRESSURE 119 PSI G
SAMPLE TEMP N/A DEG.F
WELL FLOWING Y
DATE SAMPLED 08/11/2011
SAMPLED BY DANNY TRUJILLO
FOREMAN/ENGR. CHRIS PIERSON

REMARKS

ANALYSIS				
COMPONENT	MOLE %	GPM**	B T.U *	SP GR *
NITROGEN	0.349	0 0380	0.00	0.0034
CO2	0.009	0.0020	0 00	0 0001
METHANE	91.831	15.6050	927.49	0.5087
ETHANE	3.985	1.0680	70.52	0.0414
PROPANE	2.151	0.5940	54.12	0.0327
I-BUTANE	0.474	0.1550	15.41	0.0095
N-BUTANE	0.585	0.1850	19 08	0.0117
I-PENTANE	0.233	0.0850	9.32	0.0058
N-PENTANE	0.154	0.0560	6.17	0.0038
HEXANE PLUS	0.229	0 1020	12.07	0.0076
TOTAL	100.000	17.8900	1,114.18	0 6248

* @ 14 730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

** @ 14.730 PSIA & 60 DEG. F

COMPRESSIBILITY FACTOR (1/Z) 1 0026
BTU/CU FT (DRY) CORRECTED FOR (1/Z) 1,119 7
BTU/CU.FT (WET) CORRECTED FOR (1/Z) 1,100 2
REAL SPECIFIC GRAVITY 0 6261

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 1,113 6
DRY BTU @ 14 696 1,117.1
DRY BTU @ 14 730 1,119.7
DRY BTU @ 15 025 1,142.1

CYLINDER # 6130
CYLINDER PRESSURE 114 PSIG
DATE RUN 08/15/2011
ANALYSIS RUN BY DAWN BLASSINGAME

8/17/2011
18300 - 21710

SMPL DATE	08/11/2011
TEST DATE	08/15/2011
RUN NR	CP110758
NITROGEN	0.349
CO2	0.009
METHANE	91.831
ETHANE	3.985
PROPANE	2.151
I-BUTANE	0.474
N-BUTANE	0.585
I-PENTANE	0.233
N-PENTANE	0.154
HEXANE +	0.229
BTU	1,119.7
GPM	17.8900
SP GRAV.	0.6261



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

ANALYSIS NO. CP110759
CUST. NO. 18300 - 21715

WELL/LEASE INFORMATION

CUSTOMER NAME	CONOCO PHILLIPS COMPANY	SOURCE	INT VALVE
WELL NAME	DELHI #1B	PRESSURE	218 PSI G
COUNTY/ STATE		SAMPLE TEMP	N/A DEG.F
LOCATION		WELL FLOWING	Y
FIELD		DATE SAMPLED	08/11/2011
FORMATION		SAMPLED BY	DANNY TRUJILLO
CUST.STN.NO.	A02431481SM	FOREMAN/ENGR.	CHRIS PIERSON

REMARKS

ANALYSIS				
COMPONENT	MOLE %	GPM**	B.T.U.*	SP GR *
NITROGEN	0.361	0.0400	0.00	0.0035
CO2	0.006	0.0010	0.00	0.0001
METHANE	91.685	15.5800	926.02	0.5078
ETHANE	4.112	1.1020	72.77	0.0427
PROPANE	2.155	0.5950	54.22	0.0328
I-BUTANE	0.474	0.1550	15.41	0.0095
N-BUTANE	0.582	0.1840	18.99	0.0117
I-PENTANE	0.234	0.0860	9.36	0.0058
N-PENTANE	0.154	0.0560	6.17	0.0038
HEXANE PLUS	0.237	0.1060	12.49	0.0078
TOTAL	100.000	17.9050	1,115.43	0.6256

* @ 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)	1,120.9	
BTU/CU.FT (WET) CORRECTED FOR (1/Z)	1,101.4	
REAL SPECIFIC GRAVITY	0.6270	

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

DRY BTU @ 14.650	1,114.8	CYLINDER #	7001
DRY BTU @ 14.696	1,118.3	CYLINDER PRESSURE	205 PSIG
DRY BTU @ 14.730	1,120.9	DATE RUN	08/15/2011
DRY BTU @ 15.025	1,143.3	ANALYSIS RUN BY	LOGAN RICHTER

CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

LEASE : DELHI #1B INT VALVE 8/17/2011
STN.NO. : A02431481SM 18300 - 21715
MTR.NO. :

SMPL DATE	08/11/2011
TEST DATE	08/15/2011
RUN NR	CP110759
NITROGEN	0.361
CO2	0.006
METHANE	91.685
ETHANE	4.112
PROPANE	2.155
I-BUTANE	0.474
N-BUTANE	0.582
I-PENTANE	0.234
N-PENTANE	0.154
HEXANE +	0.237
BTU	1,120.9
GPM	17.9050
SP.GRAV.	0.6270