

ConocoPhillips Company
3401 E. 30th Street
Farmington, NM 87402



Monica Kuehling
Oil Conservation Division
1000 Rio Brazos Rd
Aztec, NM 87410

April 13, 2011

RE: San Juan 28-6 Unit 167
API# 30-039-20483
Sec. 4, T27N, R6W
Lease #: SF-079049-B
Reference: RBDMS KGR1103954920

RCVD APR 15 '11
OIL CONS. DIV.
DIST. 3

Dear Mrs. Kuehling:

On February 24, 2011 a letter was received from the NMOCD Aztec Office regarding the subject well having a bradenhead failure. Attached is the gas sampling results performed on the casing strings for the subject well.

If further detail or information is needed regarding the subject well please contact me at 326-9837.

Sincerely,

A handwritten signature in cursive script, reading "Crystal Tafoya".

Crystal Tafoya
Staff Regulatory Technician



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

ANALYSIS NO. CP110124
CUST. NO. 18300 - 20185

WELL/LEASE INFORMATION

CUSTOMER NAME	CONOCO PHILLIPS COMPANY	SOURCE	INTERMEDIATE
WELL NAME	SJ 28-6 #167	PRESSURE	420 PSI G
COUNTY/ STATE	RIO ARRIBA NM	SAMPLE TEMP	N/A DEG.F
LOCATION		WELL FLOWING	N/A
FIELD		DATE SAMPLED	03/29/2011
FORMATION		SAMPLED BY	ADRIAN ULIBARRI
CUST.STN.NO.	A728820SM 87-439-01	FOREMAN/ENGR.	

REMARKS PRESSURED WITH HELIUM TO 30#
CLYINDER HAD 0 PRESSURE; LEAKING FROM BOTTOM VALVE.

ANALYSIS				
COMPONENT	MOLE %	GPM**	B.T.U.*	SP.GR *
NITROGEN	3.375	0.3720	0.00	0.0326
CO2	1.008	0.1720	0.00	0.0153
METHANE	86.719	14.7360	875.86	0.4803
ETHANE	5.653	1.5150	100.04	0.0587
PROPANE	1.689	0.4660	42.50	0.0257
I-BUTANE	0.397	0.1300	12.91	0.0080
N-BUTANE	0.380	0.1200	12.40	0.0076
I-PENTANE	0.203	0.0740	8.12	0.0051
N-PENTANE	0.097	0.0350	3.89	0.0024
HEXANE PLUS	0.479	0.2140	25.25	0.0159
TOTAL	100.000	17.8340	1,080.97	0.6516

* @ 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)	1,086.3	
BTU/CU.FT (WET) CORRECTED FOR (1/Z)	1,067.4	
REAL SPECIFIC GRAVITY	0.6531	

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

DRY BTU @ 14.650	1,080.4	CYLINDER #	4020
DRY BTU @ 14.696	1,083.8	CYLINDER PRESSURE	PSIG
DRY BTU @ 14.730	1,086.3	DATE RUN	03/30/2011
DRY BTU @ 15.025	1,108.1	ANALYSIS RUN BY	PATRICIA KING



2030 AFTON PLACE
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ANALYSIS NO. CP110123
CUST. NO. 18300 - 20175

WELL/LEASE INFORMATION

CUSTOMER NAME	CONOCO PHILLIPS COMPANY	SOURCE	CASING
WELL NAME	SJ 28-6 #167	PRESSURE	420 PSI G
COUNTY/ STATE	RIO ARRIBA NM	SAMPLE TEMP	N/A DEG.F
LOCATION		WELL FLOWING	Y
FIELD		DATE SAMPLED	03/29/2011
FORMATION		SAMPLED BY	ADIRAN UILBARRI
CUST.STN.NO.	A728820SM 87-439-01	FOREMAN/ENGR.	JESSIE DUTKO

REMARKS

ANALYSIS				
COMPONENT	MOLE %	GPM**	B.T.U.*	SP.GR *
NITROGEN	0.157	0.0170	0.00	0.0015
CO2	1.095	0.1870	0.00	0.0166
METHANE	89.246	15.1670	901.38	0.4943
ETHANE	6.140	1.6460	108.66	0.0637
PROPANE	1.862	0.5140	46.85	0.0283
I-BUTANE	0.444	0.1460	14.44	0.0089
N-BUTANE	0.425	0.1340	13.86	0.0085
I-PENTANE	0.235	0.0860	9.40	0.0059
N-PENTANE	0.114	0.0410	4.57	0.0028
HEXANE PLUS	0.282	0.1260	14.86	0.0093
TOTAL	100.000	18.0640	1,114.02	0.6401

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

** @ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z)	1.0027	GPM, BTU, and SPG calculations as shown above are based on current GPA factors.
BTU/CU.FT (DRY) CORRECTED FOR (1/Z)	1,119.6	
BTU/CU.FT (WET) CORRECTED FOR (1/Z)	1,100.1	
REAL SPECIFIC GRAVITY	0.6415	

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

DRY BTU @ 14.650	1,113.5
DRY BTU @ 14.696	1,117.0
DRY BTU @ 14.730	1,119.6
DRY BTU @ 15.025	1,142.0

CYLINDER #	4015
CYLINDER PRESSURE	308 PSIG
DATE RUN	03/30/2011
ANALYSIS RUN BY	DAWN BLASSINGAME

CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

LEASE : SJ 28-6 #167 CASING 3/31/2011
STN.NO. : A728820SM 18300 - 20175
MTR.NO. : 87-439-01

SMPL DATE	03/29/2011
TEST DATE	03/30/2011
RUN NR.	CP110123
NITROGEN	0.157
CO2	1.095
METHANE	89.246
ETHANE	6.140
PROPANE	1.862
I-BUTANE	0.444
N-BUTANE	0.425
I-PENTANE	0.235
N-PENTANE	0.114
HEXANE +	0.282
BTU	1,119.6
GPM	18.0640
SP.GRAV.	0.6415