NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
1000 RIO BRAZOS ROAD
AZTEC NM 87410
(505) 334-6178 FAX: (505) 334-6170
http://emnrd.state.nm.us/ocd/District.III/3distric.htm

OIL CONS. DIV.

RCVD JUL 15'14

DIST. 3

BRADENHEAD TEST REPORT

(submit 1 copy to above address)

Date of Test 7-15-14 Operator ConocoPhillips API #30-0 45-11436

Property Name SJ 32-7 U Well No. 16 Location: Unit ___ Section 17 Township 32 Range 7

Well Status(Shut-In or Producing) Initial PSI: Tubing 123 Intermediate 1/4 Casing 124 Bradenhead 114

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing	PRESSURE Bradenhead BH	Bradenhead Int	Bradenhead Csg	INTERM Int	INTERM Csg
TIME 5 min	0		125		
10 min	0		125		
15 min	0		126		
20 min	0		126		
25 min	0		127		
30 min	0		127		

FLOW CHARACTERISTICS	BRADENHEAD	INTERMEDIATE
Steady Flow	✓	
Surges		
Down to Nothing		
Nothing		
Gas	✓	
Gas & Water		
Water		

If bradenhead flowed water, check all of the descriptions that apply below:

CLEAR____ FRESH____ SALTY____ SULFUR____ BLACK____

5 MINUTE SHUT-IN PRESSURE BRADENHEAD 1 INTERMEDIATE 1/4

REMARKS: Hard blow to whistle for 30 seconds - med light at 2 min Light blow at 3 min. - 5 - 10 - 15 - 20 - 25 - 30

By [signature] Witness M Monica Kuehling

(Position)

E-mail address

Gas analysis
Well bore Schematic

2030 Afton Place
Farmington, NM 87401
(505) 325-6622

30-045-11436

Analysis No: CP140647
Cust No: 18300-26300

Well/Lease Information

Customer Name:	CONOCO PHILLIPS COMPANY	Source:	CASING
Well Name:	SAN JUAN 32-7 #16	Pressure:	120 PSIG
County/State:	SAN JUAN NM	Sample Temp:	74 DEG. F
Location:	H17-32N-07W	Well Flowing:	Y
Field:		Date Sampled:	07/17/2014
Formation:	MV	Sampled By:	VICTOR KERN
Cust. Stn. No.:	86242-010	Foreman/Engr.:	FREDDIE PROCTOR
	AM00013457NO		

OIL CONS. DIV DIST. 3
AUG 07 2014

Remarks: PRESSURED WITH HE TO 30#

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.098	0.0110	0.00	0.0009
CO2	2.164	0.3700	0.00	0.0329
Methane	95.428	16.2090	963.82	0.5286
Ethane	2.002	0.5360	35.43	0.0208
Propane	0.234	0.0650	5.89	0.0036
Iso-Butane	0.038	0.0120	1.24	0.0008
N-Butane	0.020	0.0060	0.65	0.0004
I-Pentane	0.000	0.0000	0.00	0.0000
N-Pentane	0.000	0.0000	0.00	0.0000
Hexane Plus	0.016	0.0070	0.84	0.0005
Total	100.000	17.2160	1007.87	0.5884

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBLITY FACTOR	(1/Z):	1.0022
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):		1012.4
BTU/CU.FT (WET) CORRECTED FOR (1/Z):		994.8
REAL SPECIFIC GRAVITY:		0.5895

GPM, BTU, and SPG calculations as shown above are based on current GPA factors.

DRY BTU @ 14.650:	1006.9	CYLINDER #:	6051
DRY BTU @ 14.696:	1010.1	CYLINDER PRESSURE:	PSIG
DRY BTU @ 14.730:	1012.4	DATE RUN:	7/21/14 12:00 AM
DRY BTU @ 15.025:	1032.7	ANALYSIS RUN BY:	PATRICIA KING

2030 Afton Place
Farmington, NM 87401
(505) 325-6622

30-045-11486

Analysis No: CP140646
Cust No: 18300-26295

Well/Lease Information

Customer Name:	CONOCO PHILLIPS COMPANY	Source:	BRADENHEAD
Well Name:	SAN JUAN 32-7 #16	Pressure:	109 PSIG
County/State:	SAN JUAN NM	Sample Temp:	DEG. F
Location:	H17-32N-07W	Well Flowing:	
Field:		Date Sampled:	07/17/2014
Formation:	MV	Sampled By:	VICTOR KERN
Cust. Stn. No.:	86242-010	Foreman/Engr.:	FREDDIE PROCTOR
	AM00013457NO		

OIL CONS. DIV DIST. 3

AUG 07 2014

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.075	0.0080	0.00	0.0007
CO2	2.294	0.3920	0.00	0.0349
Methane	95.167	16.1650	961.19	0.5271
Ethane	2.130	0.5710	37.69	0.0221
Propane	0.249	0.0690	6.27	0.0038
Iso-Butane	0.044	0.0140	1.43	0.0009
N-Butane	0.021	0.0070	0.69	0.0004
I-Pentane	0.009	0.0030	0.36	0.0002
N-Pentane	0.002	0.0010	0.08	0.0000
Hexane Plus	0.009	0.0040	0.47	0.0003
Total	100.000	17.2340	1008.18	0.5905

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBLITY FACTOR (1/Z):	1.0022
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):	1012.7
BTU/CU.FT (WET) CORRECTED FOR (1/Z):	995.1
REAL SPECIFIC GRAVITY:	0.5916

GPM, BTU, and SPG calculations as shown above are based on current GPA factors.

DRY BTU @ 14.650:	1007.2
DRY BTU @ 14.696:	1010.4
DRY BTU @ 14.730:	1012.7
DRY BTU @ 15.025:	1033.0

CYLINDER #:	6025
CYLINDER PRESSURE:	98 PSIG
DATE RUN:	7/22/14 3:06 PM
ANALYSIS RUN BY:	PATRICIA KING