



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

Analysis No: WP170048
Cust No: 85500-12645

Well/Lease Information

Customer Name: WPX ENERGY PRODUCTION, LLC
Well Name: ROSA UNIT #14; MTR RUN
County/State: RIO ARriba NM
Location:
Field:
Formation: MV
Cust. Stn. No.:

Source: METER RUN
Pressure: 68 PSIG
Sample Temp: 56 DEG. F
Well Flowing: N
Date Sampled: 04/25/2017
Sampled By: CODY MEISNER
Foreman/Engr.: CURTIS HECKMAN

Remarks: SAMPLE RAN ON 05/02/2017

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.067	0.0070	0.00	0.0006
CO2	2.008	0.3430	0.00	0.0305
Methane	94.982	16.1340	959.32	0.5261
Ethane	2.562	0.6870	45.34	0.0266
Propane	0.281	0.0780	7.07	0.0043
Iso-Butane	0.047	0.0150	1.53	0.0009
N-Butane	0.021	0.0070	0.69	0.0004
I-Pentane	0.009	0.0030	0.36	0.0002
N-Pentane	0.003	0.0010	0.12	0.0001
Hexane Plus	0.020	0.0090	1.05	0.0007
Total	100.000	17.2840	1015.48	0.5905

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0022
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1020.1
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1002.4
REAL SPECIFIC GRAVITY: 0.5915

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

DRY BTU @ 14.650: 1014.6
DRY BTU @ 14.696: 1017.7
DRY BTU @ 14.730: 1020.1
DRY BTU @ 15.025: 1040.5

CYLINDER #: 5019
CYLINDER PRESSURE: 68 PSIG
DATE RUN: 4/25/17 11:58 AM
ANALYSIS RUN BY: Shyann Elledge



WPX ENERGY PRODUCTION, LLC
WELL ANALYSIS COMPARISON

Lease: ROSA UNIT #14; MTR RUN
Stn. No.:
Mtr. No.:

METER RUN
MV

05/09/2017
85500-12645

Smpl Date:	04/25/2017	07/19/2016
Test Date:	04/25/2017	07/20/2016
Run No:	WP170048	WP160202
Nitrogen:	0.067	0.072
CO2:	2.008	1.952
Methane:	94.982	95.377
Ethane:	2.562	2.226
Propane:	0.281	0.237
I-Butane:	0.047	0.041
N-Butane:	0.021	0.019
I-Pentane:	0.009	0.008
N-Pentane:	0.003	0.003
Hexane+:	0.020	0.065
BTU:	1020.1	1019.1
GPM:	17.2840	17.2560
SPG:	0.5915	0.5901

ROSA UNIT #14
BLANCO MESAVERDE

Location:

930' FNL and 1830' FEL
NW/4 NE/4 Sec 23(B), T31N, R6W
Rio Arriba, New Mexico
Elevation: 6292' GR
API # 30-039-07958

Spud Date: 06/26/56

Completed Date: 08/07/56

1st Delivery Date: 10/28/56

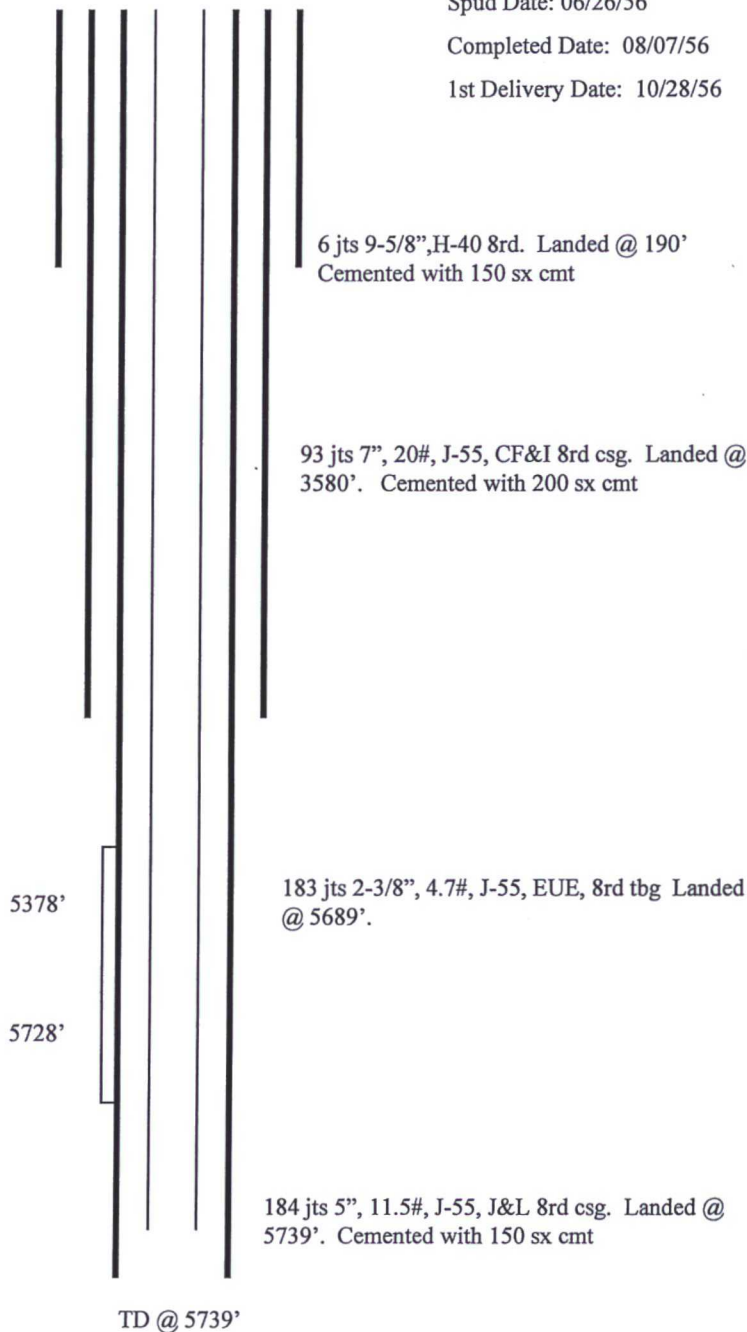
Top	Depth
Kirtland	2452'
Fruitland	2850'
Pictured Cliffs	3120'
Lewis	3513'
Cliff House	5324'
Menefee	5412'
Point Lookout	5606'

Stimulation: 07/26/56

*Perf'd 5378'-5408' w/4 SPF.
Fraced w/43,680 gal water and
58,000# sand.*

*Perf'd 5614'-5638' w/4 SPF.
Fraced w/45,444 gal water and
56,500# sand.*

*Perf'd 5655'-5728' w/3 SPF.
Fraced w/50,190 gal water and
60,000# sand.*



Casing	Cement	Top of Cmt
9-5/8"	150 sx	Surface
7", 20#	200 sx	??
5", 11.5#	150 sx	??