

* Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised August 1, 2011

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-045-35817
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. N0-G-1403-1948
7. Lease Name or Unit Agreement Name NMNM 135216A W Lybrook Unit
8. Well Number 754H
9. OGRID Number 120782
10. Pool name or Wildcat Lybrook Mancos W

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
WPX Energy Production, LLC

3. Address of Operator
P. O. Box 640, Aztec, NM 87410 (505) 333-1808

4. Well Location
Unit Letter **I** : **1889'** feet from the **FSL** line and **708'** feet from the **FEL** line
Section **14** Township **23N** Range **9W** NMPM County **San Juan**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
6719' GR

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: **INTER-WELL COMMUNICATION**
☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

WPX Energy conducted a stimulation on the following well:

NMOCD Order: R-14051

Start date: 10/12/17

End date: 10/22/17

Type: Fracture Treatment

Pressure: 6404psi

Volume Average: Nitrogen - 41,868(scf); Sand - 9,077,850(lbs); Fluid - 2,032,622(gals)

Results of any investigation conducted: Gas Analysis

Attached: Spreadsheet with affected wells due to stimulation activity.

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Marie E. Florez TITLE Permit Tech DATE 1/12/17

Type or print name Marie E. Florez E-mail address: marie.jaramillo@wpxenergy.com PHONE: (505) 333-1808 For State Use Only

APPROVED BY: **Accepted For Record** DATE 1/12/17

Conditions of Approval (if any):

Affected Wells

Well Name	API number	Formation	Operator	Date Affected	Type Communication	Volume of Communication	Highest PSI Observed	Standard Operating PSI	Results of Communication	Results of any Investigation Conducted
W Lybrook Unit 750H	30-045-35804	Lybrook Mancos W	WPX	10/16/2017	Decrease production / increase water production	N/A	N/A	N/A	Shut in	No fluids or gas was released during these impacts
W Lybrook Unit 751H	30-045-35806	Lybrook Mancos W	WPX	10/16/2017	Decrease production / increase water production	N/A	N/A	N/A	Shut in	No fluids or gas was released during these impacts
W Lybrook Unit 752H	30-045-35805	Lybrook Mancos W	WPX	10/16/2017	Increase in tubing pressure	N/A	N/A	N/A	Shut in	No fluids or gas was released during these impacts
Rodeo Unit 500H	30-045-35796	Basin Mancos	WPX	10/19/2017	Increase water production / Increase gas production	N/A	N/A	N/A	Flaring	Approved to Flare due to high nitrogen. Gas Analysis on file.
Rodeo Unit 501H	30-045-35800	Basin Mancos	WPX	10/19/2017	Increase water production / Increase gas production	N/A	N/A	N/A	Flaring	Approved to Flare due to high nitrogen. Gas Analysis on file.
Stimulated: W Lybrook Unit 754H										



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

Analysis No: WP170208
Cust No: 85500-13115

Well/Lease Information

Customer Name: WPX ENERGY PRODUCTION, LLC
Well Name: RODEO 500H
County/State:
Location:
Field:
Formation:
Cust. Stn. No.: 62419592

Source: METER RUN
Well Flowing: Y
Pressure: 160 PSIG
Flow Temp: 86 DEG. F
Ambient Temp: DEG. F
Flow Rate: 1700 MCF/D
Sample Method: Purge & Fill
Date Sampled: 10/24/2017
Sample Time: 8.00 AM
Sampled By: BEAU VINCENT
Sampled by (CO): IDEAL

Remarks:

Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	18.9197	18.9559	2.0870	0.00	0.1830
CO2	0.2976	0.2982	0.0510	0.00	0.0045
Methane	62.3285	62.4479	10.5970	629.52	0.3452
Ethane	7.7735	7.7884	2.0850	137.57	0.0807
Propane	6.8263	6.8394	1.8860	171.76	0.1039
Iso-Butane	0.8424	0.8440	0.2760	27.39	0.0169
N-Butane	1.9057	1.9093	0.6030	62.17	0.0382
I-Pentane	0.3861	0.3868	0.1420	15.45	0.0096
N-Pentane	0.3432	0.3439	0.1250	13.76	0.0085
Hexane Plus	0.3770	0.3777	0.1690	19.87	0.0125
Total	100.0000	100.1915	18.0210	1077.48	0.8032

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0031
BTU/CU.FT IDEAL: 1080.0
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1083.2
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1064.4
DRY BTU @ 15.025: 1104.9
REAL SPECIFIC GRAVITY: 0.8053

CYLINDER #: 12
CYLINDER PRESSURE: 143 PSIG
DATE RUN: 10/30/17 12:00 AM
ANALYSIS RUN BY: RICHARD WILSON

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

GPA Standard: GPA-2261

GC: Danalyzer Model 500

GC Method: C6+ Gas

Last Cal/Verify: 10/31/2017



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

Analysis No: WP170209
Cust No: 85500-13120

Well/Lease Information

Customer Name: WPX ENERGY PRODUCTION, LLC
Well Name: RODEO 501H
County/State:
Location:
Field:
Formation:
Cust. Stn. No.: 62422700

Source: METER RUN
Well Flowing: Y
Pressure: 157 PSIG
Flow Temp: 82 DEG. F
Ambient Temp: DEG. F
Flow Rate: 900 MCF/D
Sample Method: Purge & Fill
Date Sampled: 10/24/2017
Sample Time: 8.15 AM
Sampled By: BEAU VINCENT
Sampled by (CO): IDEAL

Remarks:

Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	15.8693	15.9010	1.7520	0.00	0.1535
CO2	0.3097	0.3103	0.0530	0.00	0.0047
Methane	60.6987	60.8201	10.3250	613.06	0.3362
Ethane	9.3742	9.3929	2.5150	165.90	0.0973
Propane	8.9875	9.0055	2.4840	226.13	0.1368
Iso-Butane	1.0868	1.0890	0.3570	35.34	0.0218
N-Butane	2.4716	2.4765	0.7820	80.63	0.0496
I-Pentane	0.4380	0.4389	0.1610	17.52	0.0109
N-Pentane	0.3761	0.3769	0.1370	15.08	0.0094
Hexane Plus	0.3881	0.3889	0.1740	20.46	0.0128
Total	100.0000	100.2000	18.7400	1174.12	0.8331

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0036
BTU/CU.FT IDEAL: 1176.8
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1181.1
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1160.5
DRY BTU @ 15.025: 1204.8
REAL SPECIFIC GRAVITY: 0.8358

CYLINDER #: 8
CYLINDER PRESSURE: 146 PSIG
DATE RUN: 10/30/17 12:00 AM
ANALYSIS RUN BY: RICHARD WILSON

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

GPA Standard: GPA-2261

GC: Danalyzer Model 500 Last Cal/Verify: 10/31/2017

GC Method: C6+ Gas