

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. 30-039-31252
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. NMSF-078362
7. Lease Name or Unit Agreement Name NMNM132829
NE CHACO COM
8. Well Number #177H
9. OGRID Number 120782
10. Pool name or Wildcat CHACO UNIT NE HZ (OIL

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 D : 1132' feet from the N line and 755' feet from the W line  
Section 6 Township 23N Range 6W NMPM County RIO ARRIBA

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
6982' 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 stimulation on the following well:

Start date: 12/3/14

End date: 12/11/14

Type: Nitrogen Foam

Pressure: 5886 psi

Volume Average: Nitrogen - 2,055,280 (scf); Sand - 227,281 (lbs); Fluid - 58,622(gals)

Results of any investigation conducted: Gas Analysis

Attached: Spreadsheet with affected well due to stimulation activity.

OIL CONS. DIV DIST. 3

APR 23 2015

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 [Signature] TITLE PERMIT TECH III DATE 4/22/15

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

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of Approval (if any):

ACCEPTED FOR RECORD

KC 5

### 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
NE CHACO COM #178H	30-039-31200	Chaco Unit NE HZ	WPX	12/7/2014	Increase PSI	26%	689	147	Authorized to Flare	Gas Anaylsis
NE CHACO COM #179H	30-039-31190	Chaco Unit NE HZ	WPX	12/7/2014	Increase PSI	49%	500	195	Authorized to Flare	Gas Anaylsis
NE CHACO COM #239H	30-039-31204	Chaco Unit NE HZ	WPX	12/7/2014	Increase PSI	65%	740	200	Authorized to Flare	Gas Anaylsis
Stimulated Well: NE CHACO COM 177H										



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

Analysis No: WP140446  
Cust No: 85500-11115

### Well/Lease Information

Customer Name: WPX ENERGY PRODUCTION, LLC  
Well Name: CHACO 2306-06L #178H  
County/State:  
Location:  
Field:  
Formation:  
Cust. Stn. No.: 62311104

Source:  
Pressure: 141 PSIG  
Sample Temp: DEG. F  
Well Flowing:  
Date Sampled: 12/15/2014  
Sampled By: JASON LUSK  
Foreman/Engr.: CODY BOYD

Remarks: ASSET AREA; SEPARATOR METER

### Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	26.457	2.9180	0.00	0.2559
CO2	0.351	0.0600	0.00	0.0053
Methane	55.291	9.3960	558.44	0.3063
Ethane	9.033	2.4220	159.86	0.0938
Propane	5.854	1.6170	147.29	0.0891
Iso-Butane	0.666	0.2180	21.66	0.0134
N-Butane	1.533	0.4840	50.01	0.0308
I-Pentane	0.293	0.1070	11.72	0.0073
N-Pentane	0.253	0.0920	10.14	0.0063
Hexane Plus	0.269	0.1200	14.18	0.0089
Total	100.000	17.4340	973.30	0.8170

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

\*\*@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0027

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 978.1

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 961.1

REAL SPECIFIC GRAVITY: 0.8188

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

DRY BTU @ 14.650: 972.8

DRY BTU @ 14.696: 975.8

DRY BTU @ 14.730: 978.1

DRY BTU @ 15.025: 997.7

CYLINDER #: RE #18

CYLINDER PRESSURE: 161 PSIG

DATE RUN: 12/16/14 9:06 AM

ANALYSIS RUN BY: LOGAN CHENEY



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

Analysis No: WP140445  
Cust No: 85500-11605

### Well/Lease Information

Customer Name: WPX ENERGY PRODUCTION, LLC  
Well Name: NE CHACO COM 179H  
County/State:  
Location:  
Field:  
Formation:  
Cust. Stn. No.: 62367179

Source:  
Pressure: 366 PSIG  
Sample Temp: 57 DEG. F  
Well Flowing:  
Date Sampled: 12/11/2014  
Sampled By:  
Foreman/Engr.:

Remarks:

### Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	48.723	5.3690	0.00	0.4713
CO2	0.231	0.0390	0.00	0.0035
Methane	35.536	6.0340	358.92	0.1968
Ethane	7.531	2.0170	133.28	0.0782
Propane	5.077	1.4010	127.74	0.0773
Iso-Butane	0.618	0.2030	20.10	0.0124
N-Butane	1.517	0.4790	49.49	0.0304
I-Pentane	0.321	0.1180	12.84	0.0080
N-Pentane	0.278	0.1010	11.14	0.0069
Hexane Plus	0.167	0.0750	8.80	0.0055
Total	100.000	15.8360	722.31	0.8904

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

\*\*@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0019

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 725.4

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 712.8

REAL SPECIFIC GRAVITY: 0.8917

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

DRY BTU @ 14.650: 721.5

DRY BTU @ 14.696: 723.7

DRY BTU @ 14.730: 725.4

DRY BTU @ 15.025: 739.9

CYLINDER #: 5

CYLINDER PRESSURE: 331 PSIG

DATE RUN: 12/12/14 1:40 PM

ANALYSIS RUN BY: DAWN BLASSINGAME



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

Analysis No: WP140422  
Cust No: 85500-11125

### Well/Lease Information

Customer Name: WPX ENERGY PRODUCTION, LLC  
Well Name: CHACO 2306-06L #239H  
County/State:  
Location:  
Field:  
Formation:  
Cust. Stn. No.: 62391718

Source:  
Pressure: 200 PSIG  
Sample Temp: DEG. F  
Well Flowing:  
Date Sampled: 12/08/2014  
Sampled By: JASON LUSK  
Foreman/Engr.:

Remarks:

### Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	65.045	7.1630	0.00	0.6291
CO2	0.204	0.0350	0.00	0.0031
Methane	25.687	4.3590	259.44	0.1423
Ethane	3.962	1.0610	70.11	0.0411
Propane	2.854	0.7870	71.81	0.0435
Iso-Butane	0.363	0.1190	11.80	0.0073
N-Butane	0.873	0.2750	28.48	0.0175
I-Pentane	0.206	0.0750	8.24	0.0051
N-Pentane	0.210	0.0760	8.42	0.0052
Hexane Plus	0.596	0.2660	31.41	0.0197
Total	100.000	14.2160	489.72	0.9140

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

\*\*@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0012

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 491.4

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 482.8

REAL SPECIFIC GRAVITY: 0.9147

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

DRY BTU @ 14.650: 488.7

DRY BTU @ 14.696: 490.3

DRY BTU @ 14.730: 491.4

DRY BTU @ 15.025: 501.2

CYLINDER #: 10

CYLINDER PRESSURE: 210 PSIG

DATE RUN: 12/9/14 3:14 PM

ANALYSIS RUN BY: PATRICIA KING