

Welcome 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 July 18, 2013

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

WELL API NO. 30-043-21193
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. V09209
7. Lease Name or Unit Agreement Name
8. Well Number Chaco 2206-02H #272H
9. OGRID Number 120782
10. Pool name or Wildcat Lybrook Gallup

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

4. Well Location

Unit Letter H : 1707 feet from the North line and 335 feet from the East line
Section 2 Township 22N Range 06W NMPM County Sandoval

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
6949'

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 ☐
CLOSED-LOOP SYSTEM ☐
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: 6/2/14

End date: 6/5/14

Type: Nitrogen Foam

Pressure: 5800psi

Volume Average: Nitrogen - 2,824,562(scf); Sand - 228,917 (lbs); Fluid - 53,424 (gals)

Results of any investigation conducted: Gas Analysis

OIL CONS. DIV DIST. 3

APR 23 2015

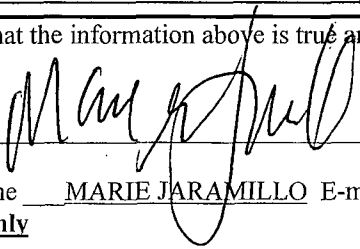
Attached: Spreadsheet with affected well due to stimulation activity.

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



TITLE PERMIT TECH III DATE 4/23/15

Type or print name MARIE JARAMILLO E-mail address: Marie.Jaramillo@wpxenergy.com PHONE: (505) 333-1808

For State Use Only

APPROVED BY:

TITLE

ACCEPTED FOR RECORD

DATE

Conditions of Approval (if any):

10
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
Chaco 2206 02P #227H	30-043-21167	Lybrook Gallup	WPX	6/3/2014	Increase PSI	64%	588	130	Authorized to Flare	Gas Anyalysis
Chaco 2206 02P #228H	30-043-21147	Lybrook Gallup	WPX	6/5/2014	Increase PSI	37%	401	70	Authorized to Flare	Gas Anyalysis
Stimulated Well:		CHACO 2206-02H # 272H								

Stimulated Well:	CHACO 2206-02H # 272H					
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2030 Afton Place
Farmington, NM 87401
(505) 325-6622

Analysis No: WP140223
Cust No: 85500-11090

Well/Lease Information

Customer Name: WPX ENERGY PRODUCTION, LLC
Well Name: CHACO 2206-02P #227H
County/State:
Location:
Field:
Formation:
Cust. Stn. No.:

Source:
Pressure: 60 PSIG
Sample Temp: DEG. F
Well Flowing:
Date Sampled: 06/16/2014
Sampled By: WILLIAM VAN HUSS
Foreman/Engr.: CODY BOYD

Remarks: METER# 62360701

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	63.717	7.0170	0.00	0.6163
CO2	0.188	0.0320	0.00	0.0029
Methane	27.291	4.6310	275.64	0.1512
Ethane	4.132	1.1060	73.12	0.0429
Propane	2.969	0.8190	74.70	0.0452
Iso-Butane	0.306	0.1000	9.95	0.0061
N-Butane	0.783	0.2470	25.54	0.0157
I-Pentane	0.178	0.0650	7.12	0.0044
N-Pentane	0.166	0.0600	6.65	0.0041
Hexane Plus	0.270	0.1210	14.23	0.0089
Total	100.000	14.1980	486.96	0.8978

* @ 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): 488.7

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 480.2

REAL SPECIFIC GRAVITY: 0.8985

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

DRY BTU @ 14.650: 486.0

DRY BTU @ 14.696: 487.6

DRY BTU @ 14.730: 488.7

DRY BTU @ 15.025: 498.5

CYLINDER #: CHACO 10

CYLINDER PRESSURE: 95 PSIG

DATE RUN: 6/17/14 2:46 PM

ANALYSIS RUN BY: LOGAN CHENEY



WPX ENERGY PRODUCTION, LLC
WELL ANALYSIS COMPARISON

Lease: CHACO 2206-02P #227H
 Stn. No.:
 Mtr. No.:

06/17/2014
 85500-11090

Smpl Date:	06/16/2014	03/30/2014	03/04/2014	03/09/2014	02/24/2014	02/18/2014	02/08/2014
Test Date:	06/17/2014	04/08/2014	03/11/2014	03/10/2014	03/04/2014	02/26/2014	02/19/2014
Run No:	WP140223	WP140105	WP140091	WP140080	WP140071	WP140064	WP140047
Nitrogen:	63.717	12.901	8.928	47.452	10.466	10.342	12.519
CO2:	0.188	0.324	0.328	0.217	0.334	0.303	0.276
Methane:	27.291	60.717	61.588	36.850	67.418	73.971	66.010
Ethane:	4.132	10.575	11.745	5.846	10.284	7.956	9.983
Propane:	2.969	9.389	10.810	5.603	7.717	5.119	7.191
I-Butane:	0.306	1.163	1.291	0.728	0.821	0.484	0.764
N-Butane:	0.783	2.904	3.093	1.924	1.916	1.111	1.803
I-Pentane:	0.178	0.635	0.580	0.434	0.362	0.217	0.366
N-Pentane:	0.166	0.610	0.524	0.411	0.322	0.202	0.350
Hexane+:	0.270	0.782	1.113	0.535	0.360	0.295	0.738
BTU:	488.7	1268.4	1357.1	768.5	1199.6	1106.8	1182.4
GPM:	14.1980	19.3570	19.9820	16.0320	18.8570	18.1090	18.7350
SPG:	0.8985	0.8604	0.8751	0.9059	0.7903	0.7289	0.8003
	01/12/2014	01/05/2014	12/29/2013	12/23/2013	12/02/2013		
	01/14/2014	01/06/2014	12/30/2013	12/26/2013	12/03/2013		
	WP140012	WP140001	WP130251	WP130241	WP130224		
	13.292	15.540	20.647	21.919	45.070		
	0.276	0.275	0.277	0.265	0.209		
	55.338	56.351	54.121	51.790	36.825		
	10.391	9.985	9.579	9.207	6.303		
	11.210	9.054	8.691	8.561	6.223		
	1.606	1.353	1.083	1.184	0.828		
	4.417	3.895	2.799	3.228	2.200		
	1.157	1.057	0.690	0.955	0.556		
	1.150	1.060	0.699	1.012	0.563		
	1.163	1.430	1.414	1.879	1.223		
	1385.1	1313.9	1199.1	1231.2	852.1		
	20.1300	19.6400	18.8930	19.0920	16.5930		
	0.9391	0.9174	0.8980	0.9322	0.9343		



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

Analysis No: WP140217
Cust No: 85500-11050

Well/Lease Information

Customer Name: WPX ENERGY PRODUCTION, LLC
Well Name: CHACO 2206-02P #228H
County/State:
Location:
Field:
Formation:
Cust. Stn. No.: 62309693

Source:
Pressure: 87 PSIG
Sample Temp: DEG. F
Well Flowing:
Date Sampled: 06/09/2014
Sampled By: MARK GLOVER
Foreman/Engr.: CODY BOYD

Remarks: MTR# 62309693

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	36.852	4.0640	0.00	0.3564
CO2	0.266	0.0460	0.00	0.0040
Methane	44.431	7.5500	448.75	0.2461
Ethane	7.364	1.9740	130.32	0.0765
Propane	7.029	1.9410	176.86	0.1070
Iso-Butane	0.816	0.2680	26.54	0.0164
N-Butane	1.978	0.6250	64.53	0.0397
I-Pentane	0.397	0.1460	15.88	0.0099
N-Pentane	0.361	0.1310	14.47	0.0090
Hexane Plus	0.506	0.2260	26.67	0.0167
Total	100.000	16.9710	904.02	0.8817

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0026

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 908.5

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 892.7

REAL SPECIFIC GRAVITY: 0.8837

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

DRY BTU @ 14.650: 903.6

DRY BTU @ 14.696: 906.4

DRY BTU @ 14.730: 908.5

DRY BTU @ 15.025: 926.7

CYLINDER #: RE #12

CYLINDER PRESSURE: 72 PSIG

DATE RUN: 6/13/14 2:33 PM

ANALYSIS RUN BY: TIMBER EVERETT