

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

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

Form C-103
Revised August 1, 2011

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.)		WELL API NO. 30-039-31217
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator WPX Energy Production, LLC		6. State Oil & Gas Lease No. NMSF-078359
3. Address of Operator P. O. Box 640, Aztec, NM 87410 (505) 333-1808		7. Lease Name or Unit Agreement Name NMNM 132829 (CA)
4. Well Location Unit Letter <u>L</u> : 1987' feet from the <u>S</u> line and 331' feet from the <u>W</u> line Section 12 Township 23N Range 7W NMPM County RIO ARRIBA		8. Well Number #171H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 7002' GR		9. OGRID Number 120782
		10. Pool name or Wildcat CHACO UNIT NE HZ (OIL)

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:

OIL CONS. DIV DIST. 3

Start date: 10/1/14

End date: 10/3/14

Type: Nitrogen Foam

Pressure: 5690 psi

Volume Average: Nitrogen - 2,499,477 (scf); Sand - 228,757 (lbs); Fluid - 56,952(gals)

Results of any investigation conducted: Gas Analysis

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 Marie Jaramillo 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: Marie Jaramillo TITLE ACCEPTED FOR RECORD DATE 4/22/15

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
NE Chaco Com #168H	30-039-31173	Chaco Unit NE HZ	WPX	10/1/2014	Increase PSI	59%	465	70	Authorized to Flare	Gas Anyalysis
NE Chaco Com #169H	30-039-31211	Chaco Unit NE HZ	WPX	10/1/2014	Increase PSI	13%	623	70	Authorized to Flare	Gas Anyalysis
Stimulated Well:		NE CHACO COM 171H								

Stimulated Well: NE CHAGO COM 171H



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

Analysis No: WP140329
Cust No: 85500-11180

Well/Lease Information

Customer Name: WPX ENERGY PRODUCTION, LLC
Well Name: CHACO 2307-12E #169H
County/State:
Location:
Field:
Formation:
Cust. Stn. No.: 62310052

Source:
Pressure: 51 PSIG
Sample Temp: 74 DEG. F
Well Flowing:
Date Sampled: 10/01/2014
Sampled By: JASON LUSK
Foreman/Engr.: CODY BOYD

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	12.764	1.4100	0.00	0.1235
CO2	0.439	0.0750	0.00	0.0067
Methane	61.669	10.4950	622.86	0.3416
Ethane	10.307	2.7670	182.40	0.1070
Propane	8.749	2.4200	220.13	0.1332
Iso-Butane	1.155	0.3790	37.56	0.0232
N-Butane	2.933	0.9280	95.68	0.0589
I-Pentane	0.591	0.2170	23.65	0.0147
N-Pentane	0.505	0.1840	20.24	0.0126
Hexane Plus	0.888	0.3980	46.81	0.0294
Total	100.000	19.2730	1249.33	0.8506

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0041

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1257.4

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1235.5

REAL SPECIFIC GRAVITY: 0.8538

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

DRY BTU @ 14.650: 1250.6

DRY BTU @ 14.696: 1254.5

DRY BTU @ 14.730: 1257.4

DRY BTU @ 15.025: 1282.6

CYLINDER #: RS #1

CYLINDER PRESSURE: 36 PSIG

DATE RUN: 10/2/14 1:56 PM

ANALYSIS RUN BY: JENNIFER DEAN



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

Analysis No: WP140328
Cust No: 85500-11045

Well/Lease Information

Customer Name: WPX ENERGY PRODUCTION, LLC
Well Name: CHACO 2307-12E #168H
County/State:
Location:
Field:
Formation:
Cust. Stn. No.: 62374163

Source:
Pressure: 62 PSIG
Sample Temp: 77 DEG. F
Well Flowing:
Date Sampled: 10/01/2014
Sampled By: JASON LUSK
Foreman/Engr.: CODY BOYD

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	59.292	6.5330	0.00	0.5735
CO2	0.196	0.0330	0.00	0.0030
Methane	27.168	4.6120	274.39	0.1505
Ethane	4.838	1.2960	85.62	0.0502
Propane	4.149	1.1450	104.39	0.0632
Iso-Butane	0.791	0.2590	25.72	0.0159
N-Butane	2.322	0.7330	75.75	0.0466
I-Pentane	0.414	0.1520	16.56	0.0103
N-Pentane	0.370	0.1340	14.83	0.0092
Hexane Plus	0.460	0.2050	24.25	0.0152
Total	100.000	15.1020	621.52	0.9376

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0017
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 624.0
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 613.1
REAL SPECIFIC GRAVITY: 0.9388

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

DRY BTU @ 14.650: 620.6
DRY BTU @ 14.696: 622.6
DRY BTU @ 14.730: 624.0
DRY BTU @ 15.025: 636.5

CYLINDER #: CC #4
CYLINDER PRESSURE: 68 PSIG
DATE RUN: 10/2/14 1:52 PM
ANALYSIS RUN BY: JENNIFER DEAN