

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. 30-039-31289
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☐ FEE ☐
2. Name of Operator WPX Energy Production, LLC		6. State Oil & Gas Lease No. NMSF 078362
3. Address of Operator P. O. Box 640, Aztec, NM 87410 (505) 333-1808		7. Lease Name or Unit Agreement Name 132829
4. Well Location Unit Letter <u>L</u> : <u>1325'</u> feet from the <u>S</u> line and <u>250'</u> feet from the <u>W</u> line Section <u>5</u> Township <u>23N</u> Range <u>6W</u> NMPM County <u>RIO ARRIBA</u>		8. Well Number: NE CHACO COM #254H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6830' GR		9. OGRID Number 120782
		10. Pool name or Wildcat CHACO UNIT NE HZ

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
OTHER: ☐		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

AUG 07 2015

Start date: 7/12/15

End date: 7/16/15

Type: Nitrogen Foam

Pressure: 4396 psi

Volume Average: Nitrogen - 507.09 (scf); Sand - 53,995 (lbs); Fluid - 26,418 (gals)

Results of any investigation conducted: Gas Analysis

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 E. Jaramillo TITLE PERMIT TECH DATE 8/6/15

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

ACCEPTED FOR RECORD

APPROVED BY: PV TITLE PV DATE 8/6/15

Conditions of Approval (if any):

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	7/13/2015	Increase PSI	39%	495	110	Authorized to Flare	Gas Anaylsis
NE CHACO COM 239H	30-039-31204	Chaco Unit NE HZ	WPX	7/13/2015	Increase PSI	26%	444	140	Authorized to Flare	Gas Anaylsis
NE CHACO COM 197H	30-039-31278	Chaco Unit NE HZ	WPX	7/16/2015	Decrease PSI	57%	120	72	Authorized to Flare	Gas Anaylsis
Stimulated Well:		NE CHACO COM 254H								

Stimulated Well: NE CHACO COM 254H



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

Analysis No: WP150241
Cust No: 85500-11125

Well/Lease Information

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

Source:
Pressure: 81 PSIG
Sample Temp: 78 DEG. F
Well Flowing:
Date Sampled: 07/13/2015
Sampled By: JASON LUSK
Foreman/Engr.: CODY BOYD

Remarks: SPOT

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	25.956	2.8630	0.00	0.2510
CO2	0.321	0.0550	0.00	0.0049
Methane	53.932	9.1670	544.71	0.2987
Ethane	10.062	2.6980	178.07	0.1045
Propane	6.139	1.6960	154.46	0.0935
Iso-Butane	0.730	0.2400	23.74	0.0146
N-Butane	1.704	0.5390	55.59	0.0342
I-Pentane	0.375	0.1380	15.00	0.0093
N-Pentane	0.338	0.1230	13.55	0.0084
Hexane Plus	0.443	0.1980	23.35	0.0147
Total	100.000	17.7170	1008.48	0.8339

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0029
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1013.7
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 996.1
REAL SPECIFIC GRAVITY: 0.8359

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

DRY BTU @ 14.650: 1008.2
DRY BTU @ 14.696: 1011.4
DRY BTU @ 14.730: 1013.7
DRY BTU @ 15.025: 1034.0

CYLINDER #: CHACO #53
CYLINDER PRESSURE: 64 PSIG
DATE RUN: 7/14/15 2:18 PM
ANALYSIS RUN BY: DAWN BLASSINGAME



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

Analysis No: WP150240
Cust No: 85500-11115

Well/Lease Information

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

Source:
Pressure: 78 PSIG
Sample Temp: 80 DEG. F
Well Flowing:
Date Sampled: 07/13/2015
Sampled By: JASON LUSK
Foreman/Engr.: CODY BOYD

Remarks: SPOT

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	38.784	4.2750	0.00	0.3751
CO2	0.269	0.0460	0.00	0.0041
Methane	44.620	7.5790	450.66	0.2471
Ethane	8.163	2.1870	144.46	0.0847
Propane	5.081	1.4030	127.85	0.0774
Iso-Butane	0.620	0.2030	20.16	0.0124
N-Butane	1.461	0.4620	47.66	0.0293
I-Pentane	0.327	0.1200	13.08	0.0081
N-Pentane	0.301	0.1090	12.07	0.0075
Hexane Plus	0.374	0.1670	19.71	0.0124
Total	100.000	16.5510	835.66	0.8582

* @ 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): 839.4
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 824.8
REAL SPECIFIC GRAVITY: 0.8598

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

DRY BTU @ 14.650: 834.8
DRY BTU @ 14.696: 837.5
DRY BTU @ 14.730: 839.4
DRY BTU @ 15.025: 856.2

CYLINDER #: CHACO #6
CYLINDER PRESSURE: 74 PSIG
DATE RUN: 7/14/15 2:10 PM
ANALYSIS RUN BY: PATRICIA KING



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

Analysis No: WP150259
Cust No: 85500-12130

Well/Lease Information

Customer Name: WPX ENERGY PRODUCTION, LLC
Well Name: CHACO #197H
County/State:
Location:
Field:
Formation:
Cust. Strn. No.: NONE ISSUED

Source: SPOT
Pressure: 200 PSIG
Sample Temp: DEG. F
Well Flowing:
Date Sampled: 07/16/2015
Sampled By: WILLIAM V. HUSS
Foreman/Engr.: CODY BOYD

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	57.489	6.3320	0.00	0.5560
CO2	0.195	0.0330	0.00	0.0030
Methane	32.220	5.4690	325.43	0.1785
Ethane	5.258	1.4080	93.05	0.0546
Propane	2.906	0.8020	73.12	0.0442
Iso-Butane	0.336	0.1100	10.93	0.0067
N-Butane	0.874	0.2760	28.51	0.0175
I-Pentane	0.215	0.0790	8.60	0.0054
N-Pentane	0.211	0.0770	8.46	0.0053
Hexane Plus	0.296	0.1320	15.60	0.0098
Total	100.000	14.7180	563.69	0.8810

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0014
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 565.8
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 556.0
REAL SPECIFIC GRAVITY: 0.8819

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

DRY BTU @ 14.650: 562.7
DRY BTU @ 14.696: 564.5
DRY BTU @ 14.730: 565.8
DRY BTU @ 15.025: 577.1

CYLINDER #: CC #2
CYLINDER PRESSURE: 263 PSIG
DATE RUN: 7/16/15 4:09 PM
ANALYSIS RUN BY: PATRICIA KING