

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

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| 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. 30-039-31190 |
| 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-078362 |
| 3. Address of Operator P. O. Box 640, Aztec, NM 87410 (505) 333-1808 | | 7. Lease Name or Unit Agreement Name NMNM132829 |
| 4. Well Location Unit Letter <u> L </u> : <u> 1680' </u> feet from the <u> S </u> line and <u> 591' </u> feet from the <u> W </u> line Section <u> 6 </u> Township <u> 23N </u> Range <u> 6W </u> NMPM County <u> RIO ARRIBA </u> | | 8. Well Number <u> #179H </u> |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6933' 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 <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> OTHER: <input type="checkbox"/> | | SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: INTER-WELL COMMUNICATION <input checked="" type="checkbox"/> | |
|---|--|--|--|

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: 2/21/14

End date: 2/26/14

Type: Nitrogen Foam

Pressure: 5604 psi

Volume Average: Nitrogen – 2,831,815(scfs); Sand – 212,906 (lbs); Fluid – 54,135 (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 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):

KL
3

Affected Wells

[illegible]



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

Analysis No: WP140082
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.:

Source: N/A
Pressure: 58 PSIG
Sample Temp: DEG. F
Well Flowing: N/A
Date Sampled: 03/09/2014
Sampled By: STANLEY DEAN
Foreman/Engr.: CODY BOYD

Remarks:

Analysis

| Component:: | Mole%: | **GPM: | *BTU: | *SP Gravity: |
|-------------|---------|---------|--------|--------------|
| Nitrogen | 44.328 | 4.8870 | 0.00 | 0.4287 |
| CO2 | 0.280 | 0.0480 | 0.00 | 0.0043 |
| Methane | 37.197 | 6.3190 | 375.69 | 0.2060 |
| Ethane | 8.040 | 2.1550 | 142.28 | 0.0835 |
| Propane | 6.400 | 1.7670 | 161.03 | 0.0974 |
| Iso-Butane | 0.780 | 0.2560 | 25.36 | 0.0157 |
| N-Butane | 1.990 | 0.6290 | 64.92 | 0.0399 |
| I-Pentane | 0.372 | 0.1360 | 14.88 | 0.0093 |
| N-Pentane | 0.290 | 0.1050 | 11.63 | 0.0072 |
| Hexane Plus | 0.323 | 0.1440 | 17.03 | 0.0107 |
| Total | 100.000 | 16.4460 | 812.82 | 0.9027 |

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0023
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 816.6
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 802.4
REAL SPECIFIC GRAVITY: 0.9044

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

DRY BTU @ 14.650: 812.2
DRY BTU @ 14.696: 814.7
DRY BTU @ 14.730: 816.6
DRY BTU @ 15.025: 833.0

CYLINDER #: CHACO #20
CYLINDER PRESSURE: 44 PSIG
DATE RUN: 3/10/14 2:37 PM
ANALYSIS RUN BY: PATRICIA KING