OIL CONS. DIV DIST. 3

RECEIVED

AUG 22 2017

AUG 24 2017 DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Farmington Field Office
Bureau of Land Management

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

# WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
**NMNM 136159**

1a. Type of Well ☒Oil Well ☐Gas Well ☐Dry ☐Other
b. Type of Completion ☒New Well ☐Work Over ☐Deepen ☐Plug Back ☐Diff. Zones ☐Hydraulic Fracturing
☐Other: _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
**NMNM 136328A**

2. Name of Operator
**WPX Energy Production, LLC**

8. Lease Name and Well No.
**Rodeo Unit 501H**

3. Address
**PO Box 640 Aztec, NM 87410**

3a. Phone No. *(Include area code)*
505-333-1816

9. API Well No.
**30-045-35800**

4. Location of Well *(Report location clearly and in accordance with Federal requirements)* *

At surface

**SHL: 282' FSL & 427' FEL Sec 18, 23N 8W**
**BHL: 963' FNL & 336' FEL Sec 29, 23N 8W**

At top prod. interval reported below At total depth

10. Field and Pool or Exploratory
**Basin Mancos**

11. Sec., T., R., M., on Block and Survey or Area
**18 23N 8W**

12. County or Parish
**San Juan**

13. State
**NM**

14. Date Spudded
5/31/17

15. Date T.D. Reached
6/17/17

16. Date Completed 8/7/17
☐D & A ☐Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
6896'

18. Total Depth: **12465' MD**
**4963' TVD**

19. Plug Back T.D.: **12413' MD**
**4964'TVD**

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? ☒No ☐Yes (Submit analysis)
Was DST run? ☒No ☐Yes (Submit report)
Directional Survey? ☐No ☒Yes (Submit copy)

Form 3160-4
(June 2015)

UNITED STATES

CONFIDENTIAL

23. Casing and Liner Record *(Report all strings set in well)*

| Hole Size | Size/Grade | Wt. (#ft.) | Top (MD) | Bottom (MD) | Stage Cementer Depth | No. of Sks. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|---|---|---|---|---|---|---|---|---|---|
| 12-1/4" | 9-5/8", J-55 | 36 | 0 | 322' | | 101 | 162 | surface | |
| 8-3/4" | 7", J-55 | 23 | 0 | 5757' | | 970 | 1560 | surface | |
| 6-1/8" | 4-1/2", P-110 | 11.6 | 5600' | 12460' | | 640 | 870 | 5600' | |
| | | | | | | | | | |

24. Tubing Record

| Size | Dept Set (MD) | Packer Dept (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|---|---|---|---|---|---|---|---|---|
| 2-7/8",6.5#,L-80 EUE 8rd | 5599' | | | | | | | |

25. Producing Intervals / 26. Perforation Record

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|---|---|---|---|---|---|---|
| Mancos 33rd | 5792' | 12387' | 5792'-5948' | .32 | 20 | |
| Mancos 32nd | | | 5998'-6154' | .32 | 20 | |
| Mancos 31st | | | 6204'-6360' | .32 | 20 | |
| Mancos 30th | | | 6410'-6566' | .32 | 20 | |
| Mancos 29th | | | 6616'-6772' | .32 | 20 | |
| Mancos 28th | | | 6822'-6978' | .32 | 20 | |
| Mancos 27th | | | 7028'-7184' | .32 | 20 | |
| Mancos 26th | | | 7234'-7390' | .32 | 20 | |
| Mancos 25th | | | 7440'-7596' | .32 | 20 | |
| Mancos 24th | | | 7646'-7802' | .32 | 20 | |
| Mancos 23rd | | | 7852'-8008' | .32 | 20 | |
| Mancos 22nd | | | 8058'-8214' | .32 | 20 | |
| Mancos 21st | | | 8264'-8420' | .32 | 20 | |
| Mancos 20th | | | 8470'-8626' | .32 | 20 | |
| Mancos 19th | | | 8676'-8832' | .32 | 20 | |
| Mancos 18th | | | 8886'-9038' | .32 | 20 | |
| Mancos 17th | | | 9088'-9244' | .32 | 20 | |
| Mancos 16th | | | 9294'-9450' | .32 | 20 | |
| Mancos 15th | | | 9500'-9656' | .32 | 20 | |

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| | | | | | | |
|---|---|---|---|---|---|---|
| Mancos 14th | | | 9706'-9862' | .32 | 20 | |
| Mancos 13th | | | 9910'-10068' | .32 | 20 | |
| Mancos 12th | | | 10118'-10274' | .32 | 20 | |
| Mancos 11th | | | 10324'-10480' | .32 | 20 | |
| Mancos 10th | | | 10530'-10686' | .32 | 20 | |
| Mancos 9th | | | 10736'-10892' | .32 | 20 | |
| Mancos 8th | | | 10942'-11098' | .32 | 20 | |
| Mancos 7th | | | 11148'-11307' | .32 | 20 | |
| Mancos 6th | | | 11354'-11510' | .32 | 20 | |
| Mancos 5th | | | 11558'-11716' | .32 | 20 | |
| Mancos 4th | | | 11766'-11922' | .32 | 20 | |
| Mancos 3rd | | | 11972'-12128' | .32 | 20 | |
| Mancos 2nd | | | 12178'-12334' | .32 | 20 | |
| Mancos 1st | | | 12384'-12387' | .32 | 8 | |

27. Acid, Fracture, Treatment, Cement Squeeze, Post hydraulic fracturing chemical disclosures on FracFocus.org

| Depth Interval | Amount, Type of Material and Date of Chemical Disclosure upload on FracFocus.org |
|---|---|
| 5792'-5948' | MC 33rd stage with 204000#, 20/40 PSA Sand |
| 5998'-6154' | MC 32nd stage with 208000#, 20/40 PSA Sand |
| 6204'-6360' | MC 31st stage with 202000#, 20/40 PSA Sand |
| 6410'-6566' | MC 30th stage with 204800#, 20/40 PSA Sand |
| 6616'-6772' | MC 29th stage with 206000#, 20/40 PSA Sand |
| 6822'-6978' | MC 28th stage with 207300#, 20/40 PSA Sand |
| 7028'-7184' | MC 27th stage with 201660#, 20/40 PSA Sand |
| 7234'-7390' | MC 26th stage with 205000#, 20/40 PSA Sand |
| 7440'-7596' | MC 25th stage with 204000#, 20/40 PSA Sand |
| 7646'-7802' | MC 24th stage with 202430#, 20/40 PSA Sand |
| 7852'-8008' | MC 23rd stage with 204200#, 20/40 PSA Sand |
| 8058'-8214' | MC 22nd stage with 199310#, 20/40 PSA Sand |
| 8264'-8420' | MC 21st stage with 205500#, 20/40 PSA Sand |
| 8470'-8626' | MC 20th stage with 207000#, 20/40 PSA Sand |
| 8676'-8832' | MC 19th stage with 204400#, 20/40 PSA Sand |
| 8886'-9038' | MC 18th stage with 204700#, 20/40 PSA Sand |
| 9088'-9244' | MC 17th stage with 201470#, 20/40 PSA Sand |
| 9294'-9450' | MC 16th stage with 204500#, 20/40 PSA Sand |
| 9500'-9656' | MC 15th stage with 204700#, 20/40 PSA Sand |
| 9706'-9862' | MC 14th stage with 205200#, 20/40 PSA Sand |
| 9910'-10068' | MC 13th stage with 216040#, 20/40 PSA Sand |
| 10118'-10274' | MC 12th stage with 203040#, 20/40 PSA Sand |
| 10324'-10480' | MC 11th stage with 203300#, 20/40 PSA Sand |
| 10530'-10686' | MC 10th stage with 205100#, 20/40 PSA Sand |
| 10736'-10892' | MC 9th stage with 207190#, 20/40 PSA Sand |
| 10942'-11098' | MC 8th stage with 209120#, 20/40 PSA Sand |
| 11148'-11307' | MC 7th stage with 208040#, 20/40 PSA Sand |
| 11354'-11510' | MC 6th stage with 210700#, 20/40 PSA Sand |
| 11558'-11716' | MC 5th stage with 207230#, 20/40 PSA Sand |
| 11766'-11922' | MC 4th stage with 205500#, 20/40 PSA Sand |
| 11972'-12128' | MC 3rd stage with 199850#, 20/40 PSA Sand |
| 12178'-12334' | MC 2nd stage with 203250#, 20/40 PSA Sand |
| 12384'-12387' | MC 1st stage with 55000 # 20/40 PSA Sand |

28. Production - Interval A

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API. | Gas Gravity | Production Method |
|---|---|---|---|---|---|---|---|---|---|
| 8/14/17 | 8/14/17 | 24 hr | → | 549 | 1142 | 38 | | | Flowing |
| **Choke Size** | **Tbg. Press. Flwg. SI** | **Csg. Press.** | **24 Hr. Rate** | **Oil BBL** | **Gas MCF** | **Water BBL** | **Gas/Oil Ratio** | **Well Status** | |
| 30/64" | 577 | 703 | → | | | | | Producing | |

28a. Production - Interval B

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API. | Gas Gravity | Production Method |
|---|---|---|---|---|---|---|---|---|---|
| | | | → | | | | | | |
| **Choke Size** | **Tbg. Press. Flwg. SI** | **Csg. Press.** | **24 Hr. Rate** | **Oil BBL** | **Gas MCF** | **Water BBL** | **Gas/Oil Ratio** | **Well Status** | |
| | | | → | | | | | | |

*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API. | Gas Gravity | Production Method |
|---|---|---|---|---|---|---|---|---|---|
| | | | → | | | | | | |
| **Choke Size** | **Tbg. Press. Flwg. SI** | **Csg. Press.** | **24 Hr. Rate** | **Oil BBL** | **Gas MCF** | **Water BBL** | **Gas/Oil Ratio** | **Well Status** | |
| | | | → | | | | | | |

28c. Production - Interval D

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API. | Gas Gravity | Production Method |
|---|---|---|---|---|---|---|---|---|---|
| | | | → | | | | | | |
| **Choke Size** | **Tbg. Press. Flwg. SI** | **Csg. Press.** | **24 Hr. Rate** | **Oil BBL** | **Gas MCF** | **Water BBL** | **Gas/Oil Ratio** | **Well Status** | |
| | | | → | | | | | | |

28. Disposition of Gas *(Solid, used for fuel, vented, etc.)*

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, fl and shut-in pressures and recoveries.

31. Formation (Log) Markers

| Formation | Top MD | Bottom TVD | Descriptions, Contents, etc. | Name | Top Meas. Depth |
|---|---|---|---|---|---|
| OJO ALAMO | 696 | 696 | | | |
| KIRTLAND | 839 | 837 | | | |
| PICTURED CLIFFS | 1337 | 1324 | | | |
| LEWIS | 1564 | 1541 | | | |
| CHACRA | 1772 | 1737 | | | |
| CLIFF HOUSE | 2921 | 2819 | | | |
| MENEFEE | 2951 | 2847 | | | |
| POINT LOOKOUT | 3931 | 3771 | | | |
| MANCOS | 4108 | 3936 | | | |
| GALLUP | 4479 | 4287 | | | |
| | | | | | |

32. Additional remarks (include plugging procedure).

33. Indicate which items have been attached by placing a check in the appropriate boxes:

☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☒ Directional Survey

☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions) *

Name *(please print)* Lacey Granillo Title Permit Tech III

Signature Lacey Granillo Date 8/22/17