

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUB  
DUPLICATE

FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995

RECEIVED  
(See other instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOGS 2013

1a. TYPE OF WELL: ☐ OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER

b. TYPE OF COMPLETION:

☒ NEW WELL ☐ WORKOVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR. OTHER ~~AMENDED production-Oil-BBL~~

2. NAME OF OPERATOR

WPX Energy Production, LLC.

3. ADDRESS AND TELEPHONE NO.

P.O. Box 640, Aztec, NM 87410 (505) 333-1822

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

SHL: 1236' FSL & 287' FWL

BHL: 382' FSL & 342' FWL

OIL CONS. DIV DIST. 3

JUL 01 2013

5. LEASE DESIGNATION AND LEASE NO.  
NMSF 078360

6. IF INDIAN, ALLOTTEE OR

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

CHACO 2306-19M #191H

9. API WELL NO.

30-043-21139

10. FIELD AND POOL, OR WILDCAT  
LYBROOK GALLUP

11. SEC., T., R., M., OR BLOCK AND  
SURVEY OR AREA  
SEC 19 23N 6W  
SEC 24 23N 7W

12. COUNTY OR  
SANDOVAL

13. STATE  
New Mexico

15. DATE  
SPUDDED  
3/20/13

16. DATE T.D.  
REACHED  
5/4/13

17. DATE COMPLETED (READY TO PRODUCE)  
6/5/13

14. PERMIT NO.

DATE ISSUED

18. ELEVATIONS (DK, RKB, RT, GR, ETC.)\*  
7012' GR

19. ELEVATION CASINGHEAD

20. TOTAL DEPTH, MD & TVD  
10367' MD 5430' TVD

21. PLUG, BACK T.D., MD & TVD  
10319' MD 5430' TVD

22. IF MULTICOMP.,  
HOW MANY

23. INTERVALS  
DRILLED BY

ROTARY TOOLS  
X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)\*

LYBROOK GALLUP: 6100'-10,318 MD

25. WAS DIRECTIONAL SURVEY MADE  
YES

26. TYPE ELECTRIC AND OTHER LOGS RUN

Compensated neutron, Litho-density, Induction Resistivity, GR, SP

27. WAS WELL CORED  
No

28. CASING REPORT (Report all strings set in well)

| CASING SIZE/GRADE | WEIGHT, LB /FT | DEPTH SET (MD) | HOLE SIZE | TOP OF CEMENT, CEMENTING RECORD | AMOUNT PULLED |
|-------------------|----------------|----------------|-----------|---------------------------------|---------------|
| 13-3/8"           | 68#, L-80      | 441' MD        | 17-1/2"   | 510 sx - surface                |               |
| 9-5/8"            | 36#, J-55      | 4817' MD       | 12-1/4"   | 2180 sx- surface                |               |
| 4-1/2"            | 11.6#, N-80    | 10363' MD      | 6-1/8"    | 395 sx- 5740' CBL               |               |
|                   |                |                |           |                                 |               |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------|----------------|-----------------|
| 7"   | 4613'    | 6036'       | 350 SX        |             | 2-3/8" | 5731'          |                 |

31. PERFORATION RECORD (Interval, size, and number)

LYBROOK GALLUP: 6100'-10,318 MD

Mancos 18<sup>th</sup> - 24, 0.40" holes

Mancos 17<sup>th</sup> - 24, 0.40" holes

Mancos 16<sup>th</sup> - 24, 0.40" holes

Mancos 15<sup>th</sup> - 24, 0.40" holes

Mancos 14<sup>th</sup> - 24, 0.40" holes

Mancos 13<sup>th</sup> - 24, 0.40" holes

Mancos 12<sup>th</sup> - 24, 0.40" holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH<br>INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|------------------------|----------------------------------|
| 6100'-6260'            | 208,500#, 20/40 PSA Sand         |
| 6320'-6501'            | 208,900#, 20/40 PSA Sand         |
| 6540'-6698'            | 210,600#, 20/40 PSA Sand         |
| 6764'-6882'            | 226,300#, 20/40 PSA Sand         |
| 6984'-7152'            | 217,800#, 20/40 PSA Sand         |
| 7224'-7376'            | 173,500#, 20/40 PSA Sand         |
| 7460'-7626'            | 167,900#, 20/40 PSA Sand         |

ACCEPTED FOR RECORD

JUN 27 2013

FARMINGTON FIELD OFFICE

BY William Tambekou

NMOCDA

Mancos 11<sup>th</sup> – 24, 0.40" holes

Mancos 10<sup>th</sup> – 24, 0.40" holes

Mancos 9<sup>th</sup> – 24, 0.40" holes

Mancos 8<sup>th</sup> – 24, 0.40" holes

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Mancos 3<sup>rd</sup> – 24, 0.40" holes

Mancos 2<sup>nd</sup> – 24, 0.40" holes

Mancos 1<sup>st</sup> – 24, 0.40" holes

|               |                           |
|---------------|---------------------------|
| 7700'-7902'   | 168,100# , 20/40 PSA Sand |
| 7942'-8130'   | 168,100# , 20/40 PSA Sand |
| 8266'-8487'   | 169,800# , 20/40 PSA Sand |
| 8608'-8770'   | 171,400# , 20/40 PSA Sand |
| 8827'-8958'   | 172,500# , 20/40 PSA Sand |
| 9014'-9154'   | 172,000# , 20/40 PSA Sand |
| 9205'-9344'   | 168,100# , 20/40 PSA Sand |
| 9398'-9582'   | 165,900# , 20/40 PSA Sand |
| 9718'-9844'   | 168,100# , 20/40 PSA Sand |
| 9895'-10064'  | 165,800 # 20/40 PSA Sand  |
| 10159'-10318' | 165,400# 20/40 PSA Sand   |

33. PRODUCTION

| DATE OF FIRST PRODUCTION |                 | PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) |                        |            |           | WELL STATUS ( <i>PRODUCING OR SI</i> ) |                         |
|--------------------------|-----------------|----------------------------------------------------------------------|------------------------|------------|-----------|----------------------------------------|-------------------------|
| 6/5/13                   |                 | PR                                                                   |                        |            |           | PR                                     |                         |
| DATE OF TEST             | TESTED          | CHOKE SIZE                                                           | PROD'N FOR TEST PERIOD | OIL - BBL. | GAS - MCF | WATER - BBL.                           | GAS-OIL RATIO           |
| 6/16/13                  | 24 HRS          | 64/64                                                                |                        | 593        |           | 8500                                   |                         |
| FLOW TBG PRESS           | CASING PRESSURE | CALCULATED 24-HOUR RATE                                              |                        | OIL - BBL. | GAS - MCF | WATER - BBL.                           | OIL GRAVITY-API (CORR.) |
| 0                        | 280             |                                                                      |                        |            |           |                                        |                         |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): non flaring

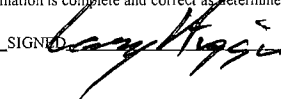
TEST WITNESSED BY:

35. LIST OF ATTACHMENTS: SUMMARY OF POROUS ZONES, WELLBORE DIAGRAM, Directional EOW report

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

PRINTED NAME Larry Higgins

SIGNED



TITLE Permit Suprv

DATE 6/26/13

| 37. SUMMARY OF POROUS ZONES: (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, flowing and shut-in pressures, and recoveries): |       |       |        |  |                             | 38. GEOLOGIC MARKERS |      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|--------|--|-----------------------------|----------------------|------|
| FORMATION                                                                                                                                                                                                                                           | TOP   |       | BOTTOM |  | DESCRIPTION, CONTENTS, ETC. | NAME                 |      |
|                                                                                                                                                                                                                                                     |       |       |        |  |                             |                      | NAME |
| Ojo Alamo                                                                                                                                                                                                                                           | 1379' | 1374' |        |  |                             |                      |      |
| Kirtland                                                                                                                                                                                                                                            | 1651' | 1641' |        |  |                             |                      |      |
| Picture Cliffs                                                                                                                                                                                                                                      | 1946' | 1926' |        |  |                             |                      |      |
| Lewis                                                                                                                                                                                                                                               | 2162' | 2135' |        |  |                             |                      |      |
| Chacra                                                                                                                                                                                                                                              | 2366' | 2331' |        |  |                             |                      |      |
| Cliff House                                                                                                                                                                                                                                         | 3494' | 3419' |        |  |                             |                      |      |
| Menefee                                                                                                                                                                                                                                             | 3535' | 3459' |        |  |                             |                      |      |
| Point Lookout                                                                                                                                                                                                                                       | 4288' | 4191' |        |  |                             |                      |      |
| Mancos                                                                                                                                                                                                                                              | 4486' | 4387' |        |  |                             |                      |      |
| Gallup                                                                                                                                                                                                                                              | 4880' | 4779' |        |  |                             |                      |      |

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BUREAU OF LAND MANAGEMENT

SUBMIT IN  
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*Report To Lease*

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30-043-21139 -0051

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LYBROOK GALLUP

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SURVEY OR AREA  
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12. COUNTY OR  
SANDOVAL

13. STATE  
New Mexico

19. ELEVATION CASING HEAD

ROTARY TOOLS  
x

CABLE TOOLS

25. WAS DIRECTIONAL SURVEY MADE  
YES

27. WAS WELL CORED

No  
RCVD JUN 26 '13  
OIL CONS. DIV.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: ☐ OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER

b. TYPE OF COMPLETION:  
☒ NEW WELL ☐ WORKOVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER

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SHL: 1236' FSL & 287' FWL

BHL: 382' FSL & 342' FWL

CONFIDENTIAL

15. DATE  
SPUDDED  
3/20/13

16. DATE T.D.  
REACHED  
5/4/13

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7012' GR

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10319' MD 5430' TVD

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ACCEPTED FOR RECORD

JUN 24 2013

FARMINGTON FIELD OFFICE  
BY *William Tamberton*

NMOCDD

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33. PRODUCTION

| DATE OF FIRST PRODUCTION |                 | PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) |                        |            |           | WELL STATUS ( <i>PRODUCING OR SI</i> ) |                         |
|--------------------------|-----------------|----------------------------------------------------------------------|------------------------|------------|-----------|----------------------------------------|-------------------------|
| 6/5/13                   |                 | PR                                                                   |                        |            |           | PR                                     |                         |
| DATE OF TEST             | TESTED          | CHOKE SIZE                                                           | PROD'N FOR TEST PERIOD | OIL - BBL. | GAS - MCF | WATER - BBL.                           | GAS-OIL RATIO           |
| 6/16/13                  | 24 HRS          | 64/64                                                                |                        | 9376       |           | 8500                                   |                         |
| FLOW TBG PRESS           | CASING PRESSURE | CALCULATED 24-HOUR RATE                                              |                        | OIL - BBL. | GAS - MCF | WATER - BBL.                           | OIL GRAVITY-API (CORR.) |
| 0                        | 280             |                                                                      |                        |            |           |                                        |                         |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): non flaring

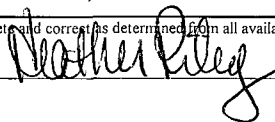
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35. LIST OF ATTACHMENTS: SUMMARY OF POROUS ZONES, WELLBORE DIAGRAM, Directional EOW report

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

PRINTED NAME HEATHER RILEY

SIGNED



TITLE Regulatory Specialist

DATE 6/20/13

| 37. SUMMARY OF POROUS ZONES: (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, flowing and shut-in pressures, and recoveries): |       |       |        |  |                             | 38. GEOLOGIC MARKERS |      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|--------|--|-----------------------------|----------------------|------|
| FORMATION                                                                                                                                                                                                                                           | TOP   |       | BOTTOM |  | DESCRIPTION, CONTENTS, ETC. | NAME                 |      |
|                                                                                                                                                                                                                                                     |       |       |        |  |                             |                      | NAME |
| Ojo Alamo                                                                                                                                                                                                                                           | 1379' | 1374' |        |  |                             |                      |      |
| Kirtland                                                                                                                                                                                                                                            | 1651' | 1641' |        |  |                             |                      |      |
| Picture Cliffs                                                                                                                                                                                                                                      | 1946' | 1926' |        |  |                             |                      |      |
| Lewis                                                                                                                                                                                                                                               | 2162' | 2135' |        |  |                             |                      |      |
| Chacra                                                                                                                                                                                                                                              | 2366' | 2331' |        |  |                             |                      |      |
| Cliff House                                                                                                                                                                                                                                         | 3494' | 3419' |        |  |                             |                      |      |
| Menefee                                                                                                                                                                                                                                             | 3535' | 3459' |        |  |                             |                      |      |
| Point Lookout                                                                                                                                                                                                                                       | 4288' | 4191' |        |  |                             |                      |      |
| Mancos                                                                                                                                                                                                                                              | 4486' | 4387' |        |  |                             |                      |      |
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