

RECEIVED

DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED  
OMB NO. 1004-  
0137

Expires: January 31, 2018

Farmington Field Office  
Bureau of Land Management

5. Lease Serial No.  
NOG14011867

1a. Type of Well ☒ Oil Well ☐ 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-135216A**

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

8. Lease Name and Well No.  
**W Lybrook Unit 746H**

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

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

9. API Well No.  
30-045-35751

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

10. Field and Pool or Exploratory  
**Lybrook Mancos W**

At surface

**SHL: 1311' FSL & 2284' FEL, Sec 7, T23N, R8W**  
**BHL: 333' FSL & 2027' FEL, Sec 17, T23N, R8W**

11. Sec., T., R., M., on Block and  
Survey or Area  
**7 23N 8W**

12. County or Parish  
**San Juan**

13. State  
**NM**

At top prod. interval reported below At total depth

14. Date Spudded  
3/14/17

15. Date T.D. Reached  
8/18/17

16. Date Completed 1/25/18  
☐ D & A ☐ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
6778'

18. Total Depth: **13854' MD**  
**4991' TVD**

19. Plug Back T.D.: **13753' MD**  
**4993' 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	9-5/8", J-55	36	0	326'		101	162	surface	
8-3/4"	7", J-55	23	0	5697'		955	1538	surface	
6-1/8"	4-1/2", P-110	11.6	5497'	13801'		785	1067	5497'	

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	5463'	5331'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
Mancos 40 <sup>th</sup>	5730'	13730'	5730'-5887'	.35	20	
Mancos 39 <sup>th</sup>			5938'-6095'	.35	20	
Mancos 38 <sup>th</sup>			6146'-6303'	.35	20	
Mancos 37 <sup>th</sup>			6354'-6511'	.35	20	
Mancos 36 <sup>th</sup>			6562'-6719'	.35	20	
Mancos 35 <sup>th</sup>			6770'-6927'	.35	20	
Mancos 34 <sup>th</sup>			6978'-7135'	.35	20	
Mancos 33 <sup>rd</sup>			7186'-7343'	.35	20	
Mancos 32 <sup>nd</sup>			7394'-7551'	.35	20	
Mancos 31 <sup>st</sup>			7602'-7759'	.35	20	
Mancos 30 <sup>th</sup>			7810'-7964'	.35	20	
Mancos 29 <sup>th</sup>			8014'-8168'	.35	20	
Mancos 28 <sup>th</sup>			8218'-8372'	.35	20	
Mancos 27 <sup>th</sup>			8422'-8576'	.35	20	
Mancos 26 <sup>th</sup>			8626'-8780'	.35	20	
Mancos 25 <sup>th</sup>			8830'-8984'	.35	20	
Mancos 24 <sup>th</sup>			9034'-9188'	.35	20	
Mancos 23 <sup>rd</sup>			9238'-9392'	.35	20	
Mancos 22 <sup>nd</sup>			9442'-9596'	.35	20	

ACCEPTED FOR RECORD

FEB 14 2018

FARMINGTON FIELD OFFICE

By \_\_\_\_\_

NMOCD

4



Mancos 21 <sup>st</sup>			9646'-9800'	.35	20
Mancos 20th			9850'-10004'	.35	20
Mancos 19th			10054'-10208'	.35	20
Mancos 18th			10258'-10412'	.35	20
Mancos 17th			10462'-10616'	.35	20
Mancos 16th			10666'-10820'	.35	20
Mancos 15th			10870'-11024'	.35	20
Mancos 14th			11074'-11228'	.35	20
Mancos 13th			11278'-11432'	.35	20
Mancos 12th			11482'-11636'	.35	20
Mancos 11th			11686'-11840'	.35	20
Mancos 10th			11890'-12044'	.35	20
Mancos 9 <sup>th</sup>			12093'-12248'	.35	20
Mancos 8 <sup>th</sup>			12298'-12452'	.35	20
Mancos 7 <sup>th</sup>			12502'-12656'	.35	20
Mancos 6 <sup>th</sup>			12706'-12860'	.35	20
Mancos 5 <sup>th</sup>			12910'-13064'	.35	20
Mancos 4 <sup>th</sup>			13114'-13268'	.35	20
Mancos 3 <sup>rd</sup>			13318'-13472'	.35	20
Mancos 2 <sup>nd</sup>			13522'-13676'	.35	20
Mancos 1 <sup>st</sup>			13726'-13730'	.35	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
5730'-5887'	40 <sup>th</sup> stage with 205000#, 20/40 PSA Sand
5938'-6095'	39 <sup>th</sup> stage with 213571#, 20/40 PSA Sand
6146'-6303'	38 <sup>th</sup> stage with 204500#, 20/40 PSA Sand
6354'-6511'	37 <sup>th</sup> stage with 204400#, 20/40 PSA Sand
6562'-6719'	36 <sup>th</sup> stage with 205000#, 20/40 PSA Sand
6770'-6927'	35 <sup>th</sup> stage with 205000#, 20/40 PSA Sand
6978'-7135'	34 <sup>th</sup> stage with 205000#, 20/40 PSA Sand
7186'-7343'	33 <sup>rd</sup> stage with 201300#, 20/40 PSA Sand
7394'-7551'	32 <sup>nd</sup> stage with 203500#, 20/40 PSA Sand
7602'-7759'	31 <sup>st</sup> stage with 205500#, 20/40 PSA Sand
7810'-7964'	30 <sup>th</sup> stage with 206900#, 20/40 PSA Sand
8014'-8168'	29 <sup>th</sup> stage with 205900#, 20/40 PSA Sand
8218'-8372'	28 <sup>th</sup> stage with 204,800#, 20/40 PSA Sand
8422'-8576'	27 <sup>th</sup> stage with 204,600#, 20/40 PSA Sand
8626'-8780'	26 <sup>th</sup> stage with 206,000#, 20/40 PSA Sand
8830'-8984'	25 <sup>th</sup> stage with 203,200#, 20/40 PSA Sand
9034'-9188'	24 <sup>th</sup> stage with 206,200#, 20/40 PSA Sand
9238'-9392'	23 <sup>rd</sup> stage with 204,900#, 20/40 PSA Sand
9442'-9596'	22 <sup>nd</sup> stage with 204,100#, 20/40 PSA Sand
9646'-9800'	21 <sup>st</sup> stage with 206,000#, 20/40 PSA Sand
9850'-10004'	20 <sup>th</sup> stage with 204,900#, 20/40 PSA Sand
10054'-10208'	19 <sup>th</sup> stage with 204,800#, 20/40 PSA Sand
10258'-10412'	18 <sup>th</sup> stage with 205,700#, 20/40 PSA Sand
10462'-10616'	17 <sup>th</sup> stage with 204,700#, 20/40 PSA Sand
10666'-10820'	16 <sup>th</sup> stage with 203,900#, 20/40 PSA Sand
10870'-11024'	15 <sup>th</sup> stage with 205,200#, 20/40 PSA Sand
11074'-11228'	14 <sup>th</sup> stage with 205,500#, 20/40 PSA Sand
11278'-11432'	13 <sup>th</sup> stage with 205,500#, 20/40 PSA Sand
11482'-11636'	12 <sup>th</sup> stage with 204,600#, 20/40 PSA Sand
11686'-11840'	11 <sup>th</sup> stage with 204,900#, 20/40 PSA Sand
11890'-12044'	10 <sup>th</sup> stage with 204,000#, 20/40 PSA Sand
12093'-12248'	9 <sup>th</sup> stage with 204,500#, 20/40 PSA Sand
12298'-12452'	8 <sup>th</sup> stage with 204,900#, 20/40 PSA Sand
12502'-12656'	7 <sup>th</sup> stage with 205,200#, 20/40 PSA Sand
12706'-12860'	6 <sup>th</sup> stage with 204,900#, 20/40 PSA Sand
12910'-13064'	5 <sup>th</sup> stage with 204,900#, 20/40 PSA Sand
13114'-13268'	4 <sup>th</sup> stage with 206,000#, 20/40 PSA Sand

13318'-13472'	3 <sup>rd</sup> stage with 206,500#, 20/40 PSA Sand
13522'-13676'	2 <sup>nd</sup> stage with 204,000#, 20/40 PSA Sand
13726'-13730'	1 <sup>st</sup> stage with 50700 # 20/40 PSA Sand

#### 28. Production - Interval A

Date First Produced 2/2/18	Test Date 2/2/18	Hours Tested 24 hr	Test Production ➔	Oil BBL 475	Gas MCF 192	Water BBL 12	Oil Gravity Corr. API.	Gas Gravity	Production Method Flowing
Choke Size 40/64"	Tbg. Press. Flwg. 70	Csg. Press. 585	24 Hr. Rate ➔	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status PR	

#### 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	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
OJO ALAMO	758	756			
KIRTLAND	991	984			
PICTURED CLIFFS	1390	1373			
LEWIS	1531	1509			
CHACRA	1773	1745			
CLIFF HOUSE	2888	2820			
MENEFEE	2935	2865			
POINT LOOKOUT	3886	3783			
MANCOS	4053	3944			
GALLUP	4421	4304			

#### 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 

Date 2/12/18