DEPARTMENT OF THE INTERIOR
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.
N0 G 1401 1865

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 705H

3. Address
PO Box 640 Aztec, NM 87410

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

9. API Well No.
30-045-35748

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

At surface

SHL: 1344' FSL & 2233' FEL, Sec 7, T23N, R8W
BHL: 335' FNL & 283' FEL, Sec 12, T23N, R9W

At top prod. interval reported below At total depth

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10. Field and Pool or Exploratory
Lybrook Mancos W

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

12. County or Parish
San Juan

13. State
NM

14. Date Spudded
3/16/17

15. Date T.D. Reached
8/12/17

16. Date Completed 1/23/18
☐D & A ☐Ready to Prod.

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

18. Total Depth: **10760' MD**
5097' TVD

19. Plug Back T.D.: **10705'MD**
5095' 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)

ACCEPTED FOR RECORD
FEB 05 2018
FARMINGTON FIELD OFFICE
By:

Form 3160-4
(June 2015)

UNITED STATES

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	325'		101	162	surface	
8-3/4"	7", J-55& CP-80	23	0	5675'		950	1538	surface	
6-1/8"	4-1/2", P-110	11.6	5540'	10751'		500	1241	5540'	

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#,J-55 EUE 8rd	5524'	5391'						

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
Mancos 25th	5698'	10681'	5698'-5855'	.35	20	
Mancos 24th			5906'-6063'	.35	20	
Mancos 23rd			6114'-6271'	.35	20	
Mancos 22nd			6322'-6479'	.35	20	
Mancos 21st			6530'-6687'	.35	20	
Mancos 20th			6738'-6895'	.35	20	
Mancos 19th			6946'-7103'	.35	20	
Mancos 18th			7154'-7311'	.35	20	
Mancos 17th			7362'-7519'	.35	20	
Mancos 16th			7570'-7727'	.35	20	
Mancos 15th			7778'-7935'	.35	20	
Mancos 14th			7986'-8143'	.35	20	
Mancos 13th			8194'-8351'	.35	20	
Mancos 12th			8402'-8559'	.35	20	
Mancos 11th			8610'-8767'	.35	20	
Mancos 10th			8818'-8975'	.35	20	
Mancos 9th			9026'-9183'	.35	20	
Mancos 8th			9234'-9391'	.35	20	
Mancos 7th			9442'-9599'	.35	20	

NMOCD AV

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Mancos 6th			9650'-9807'	.35	20	
Mancos 5th			9858'-10015'	.35	20	
Mancos 4th			10066'-10220'	.35	20	
Mancos 3rd			10270'-10424'	.35	20	
Mancos 2nd			10474'-10628'	.35	20	
Mancos 1st			10678'-10681'	.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
5698'-5855'	25th stage with 204,700#, 20/40 PSA Sand
5906'-6063'	24th stage with 204,200#, 20/40 PSA Sand
6114'-6271'	23rd stage with 191,200#, 20/40 PSA Sand
6322'-6479'	22nd stage with 205,000#, 20/40 PSA Sand
6530'-6687'	21st stage with 205,200#, 20/40 PSA Sand
6738'-6895'	20th stage with 205,000#, 20/40 PSA Sand
6946'-7103'	19th stage with 204,900#, 20/40 PSA Sand
7154'-7311'	18th stage with 205,500#, 20/40 PSA Sand
7362'-7519'	17th stage with 204,100#, 20/40 PSA Sand
7570'-7727'	16th stage with 204,200#, 20/40 PSA Sand
7778'-7935'	15th stage with 206,200#, 20/40 PSA Sand
7986'-8143'	14th stage with 206,900#, 20/40 PSA Sand
8194'-8351'	13th stage with 203,800#, 20/40 PSA Sand
8402'-8559'	12th stage with 205,800#, 20/40 PSA Sand
8610'-8767'	11th stage with 206,100#, 20/40 PSA Sand
8818'-8975'	10th stage with 206,000#, 20/40 PSA Sand
9026'-9183'	9th stage with 205,100#, 20/40 PSA Sand
9234'-9391'	8th stage with 206,000#, 20/40 PSA Sand
9442'-9599'	7th stage with 205,800#, 20/40 PSA Sand
9650'-9807'	6th stage with 204,500#, 20/40 PSA Sand
9858'-10015'	5th stage with 204,300#, 20/40 PSA Sand
10066'-10220'	4th stage with 203,900#, 20/40 PSA Sand
10270'-10424'	3rd stage with 203,000#, 20/40 PSA Sand
10474'-10628'	2nd stage with 203,500#, 20/40 PSA Sand
10678'-10681'	1st stage with 50500 # 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
2/2/18	2/2/18	24 hr	→	654	1848	303			Flowing
Choke Size	Tbg. Press.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
34/64"	Flwg. 320	750	→					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	794	794			
KIRTLAND	1004	1002			
PICTURED CLIFFS	1388	1377			
LEWIS	1502	1487			
CHACRA	1767	1745			
CLIFF HOUSE	2868	2813			
MENEFEE	2918	2862			
POINT LOOKOUT	3849	3770			
MANCOS	4041	3958			
GALLUP	4405	4317			

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 2/8/18