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Form 3160-4 (June 2015)

UNITED STATES

JUN 29 2017

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFarmington Field Office
Bureau of Land ManagementFORM APPROVED
OMB NO. 1004-
0137

Expires: January 31, 2018

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.

N0-G-1312-1856

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

8. Lease Name and Well No.
W Lybrook Unit 712H2. Name of Operator
WPX Energy Production, LLC3. Address
PO Box 640 Aztec, NM 874103a. Phone No. (Include area code)
505-333-18169. API Well No.
30-045-35776

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

At surface

SHL: 1999' FNL & 2478' FWL, Sec 13, T23N, R9W
BHL: 2432' FNL & 2287' FEL, Sec 11 T23N, R9W

At top prod. interval reported below At total depth

OIL CONS. DIV DIST. 3

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10. Field and Pool or Exploratory
Lybrook Mancos W11. Sec., T., R., M., on Block and
Survey or Area
13 23N 9W12. County or Parish
San Juan13. State
NM14. Date Spudded
2/24/1715. Date T.D. Reached
4/28/1716. Date Completed 6/13/17
☐ D & A ☐ Ready to Prod.17. Elevations (DF, RKB, RT, GL)*
6700'18. Total Depth: 12095' MD
4855' TVD19. Plug Back T.D.: 12045' MD
4855' TVD20. 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)

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	331'		101	162	surface	
8-3/4"	7", L-80	23#, 26#	0	5310'		900	1437	surface	
6-1/8"	4-1/2", P-110	11.6#	5151'	12094'		655	887	5151'	

24. Tubing Record

Size	Dept Set (MD)	Packer Dept (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8", 4.7#, J-55 EUE 8rd	5274'	5112'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
Mancos 33rd	5427'	12023'	5427'-5583'	.32	20	
Mancos 32nd			5633'-5789'	.32	20	
Mancos 31st			5839'-5995'	.32	20	
Mancos 30th			6045'-6198'	.32	20	
Mancos 29th			6251'-6407'	.32	20	
Mancos 28th			6457'-6613'	.32	20	
Mancos 27th			6663'-6819'	.32	20	
Mancos 26th			6869'-7025'	.32	20	
Mancos 25th			7075'-7231'	.32	20	
Mancos 24th			7281'-7437'	.32	20	
Mancos 23rd			7487'-7643'	.32	20	
Mancos 22nd			7693'-7849'	.32	20	
Mancos 21st			7899'-8055'	.32	20	
Mancos 20th			8105'-8261'	.32	20	
Mancos 19th			8311'-8462'	.32	20	
Mancos 18th			8517'-8673'	.32	20	
Mancos 17th			8723'-8879'	.32	20	
Mancos 16th			8929'-9085'	.32	20	
Mancos 15th			9135'-9291'	.32	20	

26. Perforation Record

ACCEPTED FOR RECORD

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FARMINGTON FIELD OFFICE

BY: 20

CONFIDENTIAL

NMOC

Mancos 14th			9341'-9497'	.32	20	
Mancos 13th			9547'-9703'	.32	20	
Mancos 12th			9753'-9909'	.32	20	
Mancos 11th			9959'-10115'	.32	20	
Mancos 10th			10165'-10321'	.32	20	
Mancos 9th			10371'-10527'	.32	20	
Mancos 8th			10577'-10733'	.32	20	
Mancos 7th			10780'-10939'	.32	20	
Mancos 6th			10989'-11145'	.32	20	
Mancos 5th			11195'-11351'	.32	20	
Mancos 4th			11401'-11557'	.32	20	
Mancos 3rd			11607'-11763'	.32	20	
Mancos 2nd			11813'-11969'	.32	20	
Mancos 1st			12019'-12023'	.32	4	

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
5427'-5583'	33rd stage with 207760#, 20/40 PSA Sand
5633'-5789'	32nd stage with 209982#, 20/40 PSA Sand
5839'-5995'	31st stage with 203137#, 20/40 PSA Sand
6045'-6198'	30th stage with 201349#, 20/40 PSA Sand
6251'-6407'	29th stage with 204976#, 20/40 PSA Sand
6457'-6613'	28th stage with 204710#, 20/40 PSA Sand
6663'-6819'	27th stage with 202583#, 20/40 PSA Sand
6869'-7025'	26th stage with 206931#, 20/40 PSA Sand
7075'-7231'	25th stage with 201820#, 20/40 PSA Sand
7281'-7437'	24th stage with 208564#, 20/40 PSA Sand
7487'-7643'	23rd stage with 209080#, 20/40 PSA Sand
7693'-7849'	22nd stage with 206416#, 20/40 PSA Sand
7899'-8055'	21st stage with 206415#, 20/40 PSA Sand
8105'-8261'	20th stage with 203898#, 20/40 PSA Sand
8311'-8462'	19th stage with 206410#, 20/40 PSA Sand
8517'-8673'	18th stage with 207684#, 20/40 PSA Sand
8723'-8879'	17th stage with 208750#, 20/40 PSA Sand
8929'-9085'	16th stage with 207432#, 20/40 PSA Sand
9135'-9291'	15th stage with 205739#, 20/40 PSA Sand
9341'-9497'	14th stage with 204953#, 20/40 PSA Sand
9547'-9703'	13th stage with 205358#, 20/40 PSA Sand
9753'-9909'	12th stage with 208166#, 20/40 PSA Sand
9959'-10115'	11th stage with 210040#, 20/40 PSA Sand
10165'-10321'	10th stage with 208643#, 20/40 PSA Sand
10371'-10527'	9th stage with 211162#, 20/40 PSA Sand
10577'-10733'	8th stage with 211974#, 20/40 PSA Sand
10780'-10939'	7th stage with 208914#, 20/40 PSA Sand
10989'-11145'	6th stage with 203825#, 20/40 PSA Sand
11195'-11351'	5th stage with 206799#, 20/40 PSA Sand
11401'-11557'	4th stage with 208847#, 20/40 PSA Sand
11607'-11763'	3rd stage with 211228#, 20/40 PSA Sand
11813'-11969'	2nd stage with 206479#, 20/40 PSA Sand
12019'-12023'	1st stage with 58500 # 20/40 PSA Sand

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MC	Water BBL	Oil Gravity Corr. API.	Gas Gravity	Production Method
6/18/17	6/18/17	24 hr	→	336	F 127	235			Flowing
Choke Size 28/64"	Tbg. Press. Flwg. SI 556	Csg. Press. 723	24 Hr. Rate →	Oil BBL	Gas MC F	Water BBL	Gas/Oil Ratio	Well Status 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
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*(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
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Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
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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
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Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
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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	452	452			
KIRTLAND	619	619			
PICTURED CLIFFS	1087	1086			
LEWIS	1280	1277			
CHACRA	1502	1497			
CLIFF HOUSE	2630	2589			
MENEFEE	2661	2619			
POINT LOOKOUT	3592	3520			
MANCOS	3780	3702			
GALLUP	4140	4055			

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) Marie E. Jaramillo Title Permit Tech III

Signature [Signature] Date 6/29/17

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fi or fraudulent statements or representations as to any matter within its jurisdiction.