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AUG 10 2017

Farmington Field Office
Bureau of Land Management

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

5. Lease Serial No.
NMNM 036949

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 767H

3. Address
PO Box 640 Aztec, NM 87410

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

9. API Well No.
30-045-35797

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

At surface

SHL: 543' FNL & 1568' FEL SEC 34 23N 9W
BHL: 338' FSL & 1117' FWL SEC 35 23N 9W

At top prod. interval reported below At total depth

10. Field and Pool or Exploratory
Lybrook Mancos W

11. Sec., T., R., M., on Block and Survey or Area
34 23N 9W

12. County or Parish
San Juan

13. State
NM

14. Date Spudded
4/4/17

15. Date T.D. Reached
5/25/17

16. Date Completed 7/22/17
☐D & A ☐Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
6696'

18. Total Depth: **10120' MD**
4477' TVD

19. Plug Back T.D.: **10069' MD**
4478' TVD

20. Depth Bridge Plug Set: MD
TVD

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

ACCEPTED FOR RECORD

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)

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OIL CONS. DIV DIST. 3

AUG 14 2017

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	335'		101	162	surface	
8-3/4"	7", J-55	23	0	5231'		810	1255	surface	
6-1/8"	4-1/2", P-110	11.6	5089'	10118'		470	634	5089' TOL	

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	5077'							

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
Mancos 24th	5306'	10048'	5306'-5462'	.35	20	
Mancos 23rd			5512'-5668'	.35	20	
Mancos 22nd			5718'-5874'	.35	20	
Mancos 21st			5924'-6082'	.35	20	
Mancos 20th			6130'-6286'	.35	20	
Mancos 19th			6336'-6492'	.35	20	
Mancos 18th			6542'-6698'	.35	20	
Mancos 17th			6748'-6904'	.35	20	
Mancos 16th			6950'-7110'	.35	20	
Mancos 15th			7160'-7316'	.35	20	
Mancos 14th			7368'-7522'	.35	20	
Mancos 13th			7572'-7728'	.35	20	
Mancos 12th			7778'-7934'	.35	20	
Mancos 11th			7990'-8140'	.35	20	
Mancos 10th			8190'-8346'	.35	20	
Mancos 9th			8396'-8552'	.35	20	
Mancos 8th			8602'-8758'	.35	20	
Mancos 7th			8808'-8958'	.35	20	
Mancos 6th			9014'-9170'	.35	20	

NMOCD

3

Mancos 5th			9220'-9376'	.35	20	
Mancos 4th			9426'-9582'	.35	20	
Mancos 3rd			9638'-9788'	.35	20	
Mancos 2nd			9838'-9994'	.35	20	
Mancos 1st			10044'-10048'	.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
5306'-5462'	24th stage with 204500#, 20/40 PSA Sand
5512'-5668'	23rd stage with 205500#, 20/40 PSA Sand
5718'-5874'	22nd stage with 206000#, 20/40 PSA Sand
5924'-6082'	21st stage with 203000#, 20/40 PSA Sand
6130'-6286'	20th stage with 206000#, 20/40 PSA Sand
6336'-6492'	19th stage with 205000#, 20/40 PSA Sand
6542'-6698'	18th stage with 205450#, 20/40 PSA Sand
6748'-6904'	17th stage with 205800#, 20/40 PSA Sand
6950'-7110'	16th stage with 205800#, 20/40 PSA Sand
7160'-7316'	15th stage with 204650#, 20/40 PSA Sand
7368'-7522'	14th stage with 205620#, 20/40 PSA Sand
7572'-7728'	13th stage with 206000#, 20/40 PSA Sand
7778'-7934'	12th stage with 205100#, 20/40 PSA Sand
7990'-8140'	11th stage with 208000#, 20/40 PSA Sand
8190'-8346'	10th stage with 206000#, 20/40 PSA Sand
8396'-8552'	9th stage with 204800#, 20/40 PSA Sand
8602'-8758'	8th stage with 205300#, 20/40 PSA Sand
8808'-8958'	7th stage with 204200#, 20/40 PSA Sand
9014'-9170'	6th stage with 206200#, 20/40 PSA Sand
9220'-9376'	5th stage with 204890#, 20/40 PSA Sand
9426'-9582'	4th stage with 205460#, 20/40 PSA Sand
9638'-9788'	3rd stage with 204400#, 20/40 PSA Sand
9838'-9994'	2nd stage with 205200#, 20/40 PSA Sand
10044'-10048'	1st stage with 47800# 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
8/8/17	8/8/17	24 hr	→	79	790	513			Producing
Choke Size	**Tbg. Press. Flwg.**	**Csg. Press.**	**24 Hr. Rate**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas/Oil Ratio**	**Well Status**	
40/64"	227	666	→					Flowing	

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	287	287			
KIRTLAND	398	398			
PICTURED CLIFFS	927	921			
LEWIS	1052	1040			
CHACRA	1293	1270			
CLIFF HOUSE	2345	2250			
MENEFEE	2411	2312			
POINT LOOKOUT	3436	3268			
MANCOS	3586	3407			
GALLUP	3942	3746			

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 8/10/17

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