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DEC 13 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.
N0G14031948

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: _____

OIL CONS. DIV DIST. 3

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

DEC 22 2017

8. Lease Name and Well No.
W Lybrook Unit 716H

3. Address
PO Box 640 Aztec, NM 87410

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

9. API Well No.
30-045-35813

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

At surface

SHL: 1835' FSL & 624' FEL Sec 14 T23N R9W Unit: I
BHL: 1562' FSL & 335' FWL Sec 11 T23N R9W Unit: L

CONFIDENTIAL

10. Field and Pool or Exploratory
Lybrook Mancos W

11. Sec., T., R., M., on Block and Survey or Area
14 23N 9W

12. County or Parish
San Juan

13. State
NM

At top prod. interval reported below At total depth

14. Date Spudded
4/11/17

15. Date T.D. Reached
9/10/17

16. Date Completed 11/14/17
☐D & A ☐Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
6719'

18. Total Depth: **11941' MD**
4814' TVD

19. Plug Back T.D.: **11893' MD**
4814' 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

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	321'		101	162	surface	
8-3/4"	7", J-55	23	0	5400'		955	1527	surface	
6-1/8"	4-1/2", P-110	11.6	5255'	11940'		630	853	5255'	

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#,L-80 EUE 8rd	5229'	5097'						

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
Mancos 32nd	5419'	11870'	5419'-5576'	.35	20	
Mancos 31st			5627'-5784'	.35	20	
Mancos 30th			5835'-5992'	.35	20	
Mancos 29th			6043'-6200'	.35	20	
Mancos 28th			6251'-6408'	.35	20	
Mancos 27th			6459'-6616'	.35	20	
Mancos 26th			6667'-6824'	.35	20	
Mancos 25th			6880'-7032'	.35	20	
Mancos 24th			7083'-7240'	.35	20	
Mancos 23rd			7291'-7448'	.35	20	
Mancos 22nd			7499'-7656'	.35	20	
Mancos 21st			7707'-7864'	.35	20	
Mancos 20th			7915'-8072'	.35	20	
Mancos 19th			8123'-8280'	.35	20	
Mancos 18th			8331'-8488'	.35	20	
Mancos 17th			8539'-8696'	.35	20	
Mancos 16th			8747'-8904'	.35	20	
Mancos 15th			8955'-9112'	.35	20	
Mancos 14th			9163'-9320'	.35	20	

ACCEPTED FOR RECORD
DEC 18 2017
FARMINGTON FIELD OFFICE
BY:

NMOCD
FV

3

Mancos 13th			9371'-9528'	.35	20	
Mancos 12th			9579'-9736'	.35	20	
Mancos 11th			9787'-9944'	.35	20	
Mancos 10th			9995'-10152'	.35	20	
Mancos 9th			10203'-10360'	.35	20	
Mancos 8th			10411'-10568'	.35	20	
Mancos 7th			10619'-10776'	.35	20	
Mancos 6th			10827'-10984'	.35	20	
Mancos 5th			11035'-11192'	.35	20	
Mancos 4th			11243'-11400'	.35	20	
Mancos 3rd			11451'-11608'	.35	20	
Mancos 2nd			11659'-11816'	.35	20	
Mancos 1st			11866'-11870'	.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
5419'-5576'	32nd stage with 204800#, 20/40 PSA Sand
5627'-5784'	31st stage with 204100#, 20/40 PSA Sand
5835'-5992'	30th stage with 203500#, 20/40 PSA Sand
6043'-6200'	29th stage with 205500#, 20/40 PSA Sand
6251'-6408'	28th stage with 204300#, 20/40 PSA Sand
6459'-6616'	27th stage with 206500#, 20/40 PSA Sand
6667'-6824'	26th stage with 204300#, 20/40 PSA Sand
6880'-7032'	25th stage with 204600#, 20/40 PSA Sand
7083'-7240'	24th stage with 204900#, 20/40 PSA Sand
7291'-7448'	23rd stage with 205000#, 20/40 PSA Sand
7499'-7656'	22nd stage with 205000#, 20/40 PSA Sand
7707'-7864'	21st stage with 205000#, 20/40 PSA Sand
7915'-8072'	20th stage with 205000#, 20/40 PSA Sand
8123'-8280'	19th stage with 205000#, 20/40 PSA Sand
8331'-8488'	18th stage with 205000#, 20/40 PSA Sand
8539'-8696'	17th stage with 205000#, 20/40 PSA Sand
8747'-8904'	16th stage with 205200#, 20/40 PSA Sand
8955'-9112'	15th stage with 204900#, 20/40 PSA Sand
9163'-9320'	14th stage with 205500#, 20/40 PSA Sand
9371'-9528'	13th stage with 206000#, 20/40 PSA Sand
9579'-9736'	12th stage with 205400#, 20/40 PSA Sand
9787'-9944'	11th stage with 205400#, 20/40 PSA Sand
9995'-10152'	10th stage with 205000#, 20/40 PSA Sand
10203'-10360'	9th stage with 205000#, 20/40 PSA Sand
10411'-10568'	8th stage with 205000#, 20/40 PSA Sand
10619'-10776'	7th stage with 204900#, 20/40 PSA Sand
10827'-10984'	6th stage with 206200#, 20/40 PSA Sand
11035'-11192'	5th stage with 205000#, 20/40 PSA Sand
11243'-11400'	4th stage with 205000#, 20/40 PSA Sand
11451'-11608'	3rd stage with 205200#, 20/40 PSA Sand
11659'-11816'	2nd stage with 205000#, 20/40 PSA Sand
11866'-11870'	1st stage with 60000 # 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
11/25/17	11/25/17	24 hr	→	1243	1356	474			Flowing
Choke Size	**Tbg. Press.**	**Csg. Press.**	**24 Hr. Rate**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas/Oil Ratio**	**Well Status**	
40/64"	Flwg. 523	657						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	423	423			
KIRTLAND	572	571			
PICTURED CLIFFS	1054	1049			
LEWIS	1255	1246			
CHACRA	1491	1476			
CLIFF HOUSE	2604	2550			
MENEFEE	2643	2587			
POINT LOOKOUT	3586	3501			
MANCOS	3770	3680			
GALLUP	4120	4022			

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 12/13/17