RECEIVED

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Farmington Field Office
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.
N0G14011865

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 745H

3. Address
PO Box 640 Aztec, NM 87410

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

9. API Well No.
30-045-35750

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

CONFIDENTIAL

At surface

SHL: 1333' FSL & 2250' FEL, Sec 7, T23N, R8W
BHL: 335' FSL & 418' FEL, Sec 17, T23N, R8W

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
7 23N 8W

12. County or Parish
San Juan

13. State
NM

14. Date Spudded
3/15/17

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

16. Date Completed 1/31/18
☐D & A ☐Ready to Prod.

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

18. Total Depth: **15002' MD**
5018' TVD

19. Plug Back T.D.: **14951'MD**
5018' TVD

20. Depth Bridge Plug Set: MD
TVD

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

22. Was well cored? ☒No ☐Yes (Submit analysis)
Was DST run? ☒No ☐Yes (Submit report)
Directional Survey? ☐No ☒Yes (Submit copy)

OIL CONS. DIV DIST. 3

Form 3160-4
(June 2015)

UNITED STATES

FEB 20 2018

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	5700'		960	1549	TOC 400'	
6-1/8"	4-1/2", P-110	11.6	5570'	14999'		885	1201	5570'	

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	5557'	5392'						

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
Mancos 46th	5744'	14928'	5744'-5898'	.35	20	
Mancos 45th			5948'-6102'	.35	20	
Mancos 44th			6152'-6306'	.35	20	
Mancos 43rd			6356'-6510'	.35	20	
Mancos 42nd			6560'-6714'	.35	20	
Mancos 41st			6764'-6918'	.35	20	
Mancos 40th			6968'-7122'	.35	20	
Mancos 39th			7172'-7326'	.35	20	
Mancos 38th			7376'-7530'	.35	20	
Mancos 37th			7580'-7734'	.35	20	
Mancos 36th			7784'-7938'	.35	20	
Mancos 35th			7988'-8142'	.35	20	
Mancos 34th			8192'-8346'	.35	20	
Mancos 33rd			8396'-8550'	.35	20	
Mancos 32nd			8600'-8754'	.35	20	
Mancos 31st			8804'-8958'	.35	20	
Mancos 30th			9008'-9162'	.35	20	
Mancos 29th			9212'-9366'	.35	20	
Mancos 28th			9416'-9570'	.35	20	

ACCEPTED FOR RECORD
FEB 16 2018
FARMINGTON FIELD OFFICE
BY:

NMOCD

Mancos 27th			9620'-9774'	.35	20
Mancos 26th			9824'-9978'	.35	20
Mancos 25th			10028'-10182'	.35	20
Mancos 24th			10232'-10386'	.35	20
Mancos 23rd			10436'-10590'	.35	20
Mancos 22nd			10640'-10794'	.35	20
Mancos 21st			10844'-10998'	.35	20
Mancos 20th			11048'-11202'	.35	20
Mancos 19th			11252'-11406'	.35	20
Mancos 18th			11456'-11610'	.35	20
Mancos 17th			11660'-11814'	.35	20
Mancos 16th			11864'-12018'	.35	20
Mancos 15th			12068'-12222'	.35	20
Mancos 14th			12272'-12426'	.35	20
Mancos 13th			12476'-12630'	.35	20
Mancos 12th			12680'-12834'	.35	20
Mancos 11th			12884'-13038'	.35	20
Mancos 10th			13088'-13242'	.35	20
Mancos 9th			13292'-13446'	.35	20
Mancos 8th			13496'-13650'	.35	20
Mancos 7th			13700'-13854'	.35	20
Mancos 6th			13904'-14058'	.35	20
Mancos 5th			14108'-14262'	.35	20
Mancos 4th			14312'-14466'	.35	20
Mancos 3rd			14516'-14670'	.35	20
Mancos 2nd			14720'-14874'	.35	20
Mancos 1st			14924'-14928'	.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
5744'-5898'	46th stage with 205000#, 20/40 PSA Sand
5948'-6102'	45th stage with 205300#, 20/40 PSA Sand
6152'-6306'	44th stage with 205200#, 20/40 PSA Sand
6356'-6510'	43rd stage with 205000#, 20/40 PSA Sand
6560'-6714'	42nd stage with 205000#, 20/40 PSA Sand
6764'-6918'	41st stage with 206200#, 20/40 PSA Sand
6968'-7122'	40th stage with 205000#, 20/40 PSA Sand
7172'-7326'	39th stage with 205300#, 20/40 PSA Sand
7376'-7530'	38th stage with 203600#, 20/40 PSA Sand
7580'-7734'	37th stage with 203500#, 20/40 PSA Sand
7784'-7938'	36th stage with 205100#, 20/40 PSA Sand
7988'-8142'	35th stage with 205100#, 20/40 PSA Sand
8192'-8346'	34th stage with 205100#, 20/40 PSA Sand
8396'-8550'	33rd stage with 206400#, 20/40 PSA Sand
8600'-8754'	32nd stage with 203300#, 20/40 PSA Sand
8804'-8958'	31st stage with 210000#, 20/40 PSA Sand
9008'-9162'	30th stage with 203900#, 20/40 PSA Sand
9212'-9366'	29th stage with 203500#, 20/40 PSA Sand
9416'-9570'	28th stage with 204,500#, 20/40 PSA Sand
9620'-9774'	27th stage with 206,000#, 20/40 PSA Sand
9824'-9978'	26th stage with 204,000#, 20/40 PSA Sand
10028'-10182'	25th stage with 193,000#, 20/40 PSA Sand
10232'-10386'	24th stage with 205,000#, 20/40 PSA Sand
10436'-10590'	23rd stage with 204,500#, 20/40 PSA Sand
10640'-10794'	22nd stage with 204,200#, 20/40 PSA Sand
10844'-10998'	21st stage with 204,500#, 20/40 PSA Sand
11048'-11202'	20th stage with 205,500#, 20/40 PSA Sand
11252'-11406'	19th stage with 206,100#, 20/40 PSA Sand
11456'-11610'	18th stage with 205,900#, 20/40 PSA Sand
11660'-11814'	17th stage with 206,000#, 20/40 PSA Sand
11864'-12018'	16th stage with 206,000#, 20/40 PSA Sand

12068'-12222'	15th stage with 205,000#, 20/40 PSA Sand
12272'-12426'	14th stage with 204,500#, 20/40 PSA Sand
12476'-12630'	13th stage with 205,200#, 20/40 PSA Sand
12680'-12834'	12th stage with 205,200#, 20/40 PSA Sand
12884'-13038'	11th stage with 204,000#, 20/40 PSA Sand
13088'-13242'	10th stage with 204,100#, 20/40 PSA Sand
13292'-13446'	9th stage with 204,000#, 20/40 PSA Sand
13496'-13650'	8th stage with 205,100#, 20/40 PSA Sand
13700'-13854'	7th stage with 207,500#, 20/40 PSA Sand
13904'-14058'	6th stage with 204,900#, 20/40 PSA Sand
14108'-14262'	5th stage with 207,900#, 20/40 PSA Sand
14312'-14466'	4th stage with 204000#, 20/40 PSA Sand
14516'-14670'	3rd stage with 207000#, 20/40 PSA Sand
14720'-14874'	2nd stage with 203000#, 20/40 PSA Sand
14924'-14928'	1st stage with 50000 # 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		259	264	104			Flowing
Choke Size	Tbg. Press.	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
40/64"	Flwg. 150	650						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	788	787			
KIRTLAND	998	995			
PICTURED CLIFFS	1406	1392			
LEWIS	1545	1525			
CHACRA	1772	1747			
CLIFF HOUSE	2917	2855			
MENEFEE	2954	2891			
POINT LOOKOUT	3905	3810			
MANCOS	4066	3965			
GALLUP	4434	4325			

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 2/15/18