

RECEIVED

AUG 10 2017

DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFarmington Field Office  
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.

N0-G-1401-1878

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: \_\_\_\_\_

2. Name of Operator  
WPX Energy Production, LLC3. Address  
PO Box 640 Aztec, NM 874103a. Phone No. (Include area code)  
505-333-1816

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

At surface

SHL: 2017' FNL & 2485' FWL, Sec 13, T23N, R9W  
BHL: 342' FSL & 1580' FEL, Sec 19 T23N, R8W

At top prod. interval reported below At total depth

OIL CONS. DIV DIST. 3

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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 752H9. API Well No.  
30-045-3580510. 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  
2/23/1715. Date T.D. Reached  
4/25/1716. Date Completed 7/22/17  
☐ D & A ☐ Ready to Prod.17. Elevations (DF, RKB, RT, GL)\*  
6700'18. Total Depth: 15886' MD  
4794' TVD19. Plug Back T.D.: 15833' MD  
4795' TVD20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric &amp; 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)

UNITED STATES

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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	323'		101	162	surface	
8-3/4"	7", CP-80, J-55	23, 26	0	5491'		845	1314	surface	
6-1/8"	4-1/2", P-110	11.6	5334'	15880'		1020	1387	5334'	

## 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	5482'	5061'						

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
Mancos 51 <sup>st</sup>	5504'	15808'	5504'-5660'	.35	20	
Mancos 50 <sup>th</sup>			5710'-5862'	.35	20	
Mancos 49 <sup>th</sup>			5916'-6072'	.35	20	
Mancos 48 <sup>th</sup>			6122'-6278'	.35	20	
Mancos 47 <sup>th</sup>			6328'-6484'	.35	20	
Mancos 46 <sup>th</sup>			6534'-6690'	.35	20	
Mancos 45 <sup>th</sup>			6740'-6896'	.35	20	
Mancos 44 <sup>th</sup>			6946'-7105'	.35	20	
Mancos 43 <sup>rd</sup>			7152'-7308'	.35	20	
Mancos 42 <sup>nd</sup>			7358'-7514'	.35	20	
Mancos 41 <sup>st</sup>			7564'-7720'	.35	20	
Mancos 40 <sup>th</sup>			7770'-7926'	.35	20	
Mancos 39 <sup>th</sup>			7976'-8132'	.35	20	
Mancos 38 <sup>th</sup>			8182'-8338'	.35	20	
Mancos 37 <sup>th</sup>			8388'-8544'	.35	20	
Mancos 36 <sup>th</sup>			8594'-8750'	.35	20	
Mancos 35 <sup>th</sup>			8800'-8956'	.35	20	
Mancos 34 <sup>th</sup>			9006'-9162'	.35	20	
Mancos 33 <sup>rd</sup>			9212'-9368'	.35	20	

NMOCDAV

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Mancos 32 <sup>nd</sup>		9418'-9574'	.35	20
Mancos 31 <sup>st</sup>		9624'-9776'	.35	20
Mancos 30th		9830'-9986'	.35	20
Mancos 29th		10036'-10192'	.35	20
Mancos 28th		10242'-10398'	.35	20
Mancos 27th		10448'-10604'	.35	20
Mancos 26th		10654'-10810'	.35	20
Mancos 25th		10860'-11016'	.35	20
Mancos 24th		11068'-11222'	.35	20
Mancos 23 <sup>rd</sup>		11272'-11428'	.35	20
Mancos 22 <sup>nd</sup>		11478'-11634'	.35	20
Mancos 21 <sup>st</sup>		11684'-11840'	.35	20
Mancos 20th		11890'-12050'	.35	20
Mancos 19th		12096'-12252'	.35	20
Mancos 18th		12302'-12458'	.35	20
Mancos 17th		12508'-12667'	.35	20
Mancos 16th		12714'-12870'	.35	20
Mancos 15th		12920'-13076'	.35	20
Mancos 14th		13130'-13282'	.35	20
Mancos 13th		13332'-13488'	.35	20
Mancos 12th		13538'-13694'	.35	20
Mancos 11th		13744'-13900'	.35	20
Mancos 10th		13950'-14106'	.35	20
Mancos 9 <sup>th</sup>		14156'-14290'	.35	20
Mancos 8 <sup>th</sup>		14362'-14518'	.35	20
Mancos 7 <sup>th</sup>		14568'-14724'	.35	20
Mancos 6 <sup>th</sup>		14774'-14930'	.35	20
Mancos 5 <sup>th</sup>		14982'-15136'	.35	20
Mancos 4 <sup>th</sup>		15186'-15342'	.35	20
Mancos 3 <sup>rd</sup>		15392'-15548'	.35	20
Mancos 2 <sup>nd</sup>		15598'-15751'	.35	20
Mancos 1 <sup>st</sup>		15804'-15808'	.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
5504'-5660'	51 <sup>st</sup> stage with 205600#, 20/40 PSA Sand
5710'-5862'	50 <sup>th</sup> stage with 206300#, 20/40 PSA Sand
5916'-6072'	49 <sup>th</sup> stage with 204000#, 20/40 PSA Sand
6122'-6278'	48 <sup>th</sup> stage with 205800#, 20/40 PSA Sand
6328'-6484'	47 <sup>th</sup> stage with 203200#, 20/40 PSA Sand
6534'-6690'	46 <sup>th</sup> stage with 207200#, 20/40 PSA Sand
6740'-6896'	45 <sup>th</sup> stage with 205500#, 20/40 PSA Sand
6946'-7105'	44 <sup>th</sup> stage with 206500#, 20/40 PSA Sand
7152'-7308'	43 <sup>rd</sup> stage with 207000#, 20/40 PSA Sand
7358'-7514'	42 <sup>nd</sup> stage with 206500#, 20/40 PSA Sand
7564'-7720'	41 <sup>st</sup> stage with 206500#, 20/40 PSA Sand
7770'-7926'	40 <sup>th</sup> stage with 203500#, 20/40 PSA Sand
7976'-8132'	39 <sup>th</sup> stage with 206100#, 20/40 PSA Sand
8182'-8338'	38 <sup>th</sup> stage with 205500#, 20/40 PSA Sand
8388'-8544'	37 <sup>th</sup> stage with 208000#, 20/40 PSA Sand
8594'-8750'	36 <sup>th</sup> stage with 205500#, 20/40 PSA Sand
8800'-8956'	35 <sup>th</sup> stage with 204000#, 20/40 PSA Sand
9006'-9162'	34 <sup>th</sup> stage with 207000#, 20/40 PSA Sand
9212'-9368'	33 <sup>rd</sup> stage with 205000#, 20/40 PSA Sand
9418'-9574'	32 <sup>nd</sup> stage with 207300#, 20/40 PSA Sand
9624'-9776'	31 <sup>st</sup> stage with 204000#, 20/40 PSA Sand
9830'-9986'	30 <sup>th</sup> stage with 206000#, 20/40 PSA Sand
10036'-10192'	29 <sup>th</sup> stage with 217000#, 20/40 PSA Sand
10242'-10398'	28 <sup>th</sup> stage with 201000#, 20/40 PSA Sand
10448'-10604'	27 <sup>th</sup> stage with 204500#, 20/40 PSA Sand

10654'-10810'	26 <sup>th</sup> stage with 208500#, 20/40 PSA Sand
10860'-11016'	25 <sup>th</sup> stage with 205500#, 20/40 PSA Sand
11068'-11222'	24 <sup>th</sup> stage with 204500#, 20/40 PSA Sand
11272'-11428'	23 <sup>rd</sup> stage with 203000#, 20/40 PSA Sand
11478'-11634'	22 <sup>nd</sup> stage with 208000#, 20/40 PSA Sand
11684'-11840'	21 <sup>st</sup> stage with 206400#, 20/40 PSA Sand
11890'-12050'	20 <sup>th</sup> stage with 206150#, 20/40 PSA Sand
12096'-12252'	19 <sup>th</sup> stage with 204000#, 20/40 PSA Sand
12302'-12458'	18 <sup>th</sup> stage with 204300#, 20/40 PSA Sand
12508'-12667'	17 <sup>th</sup> stage with 205000#, 20/40 PSA Sand
12714'-12870'	16 <sup>th</sup> stage with 203800#, 20/40 PSA Sand
12920'-13076'	15 <sup>th</sup> stage with 204500#, 20/40 PSA Sand
13130'-13282'	14 <sup>th</sup> stage with 205600#, 20/40 PSA Sand
13332'-13488'	13 <sup>th</sup> stage with 205880#, 20/40 PSA Sand
13538'-13694'	12 <sup>th</sup> stage with 206800#, 20/40 PSA Sand
13744'-13900'	11 <sup>th</sup> stage with 205140#, 20/40 PSA Sand
13950'-14106'	10 <sup>th</sup> stage with 205200#, 20/40 PSA Sand
14156'-14290'	9 <sup>th</sup> stage with 207000#, 20/40 PSA Sand
14362'-14518'	8 <sup>th</sup> stage with 205066#, 20/40 PSA Sand
14568'-14724'	7 <sup>th</sup> stage with 205564#, 20/40 PSA Sand
14774'-14930'	6 <sup>th</sup> stage with 198300#, 20/40 PSA Sand
14982'-15136'	5 <sup>th</sup> stage with 206000#, 20/40 PSA Sand
15186'-15342'	4 <sup>th</sup> stage with 207100#, 20/40 PSA Sand
15392'-15548'	3 <sup>rd</sup> stage with 203500#, 20/40 PSA Sand
15598'-15751'	2 <sup>nd</sup> stage with 210000#, 20/40 PSA Sand
15084'-15808'	1 <sup>st</sup> stage with 51000# 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
7/17/17	7/17/17	24 hr	→	18	261	795			Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
96/64"	na	594	→					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. SI	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. SI	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. SI	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	433	432			
KIRTLAND	609	608			
PICTURED CLIFFS	1086	1080			
LEWIS	1285	1272			
CHACRA	1518	1491			
CLIFF HOUSE	2691	2551			
MENEFEE	2731	2587			
POINT LOOKOUT	3721	3482			
MANCOS	3941	3682			
GALLUP	4305	4025			

## 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 GracilloTitle Permit Tech IIISignature Date 8/10/17