

NMOC

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DISTRICT 11

DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Farmington Field Office  
Bureau of Land Management

5. Lease Serial No.  
N0G13121808

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.  
NMNM135217A

2. Name of Operator  
WPX Energy Production, LLC

8. Lease Name and Well No.  
N ESCAVADA UNIT #312H

3. Address  
PO Box 640 Aztec, NM 87410

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

9. API Well No.  
30-043-21294

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

10. Field and Pool or Exploratory  
ESCAVADA N, MANCOS

At surface  
SHL: 515' FSL & 2378' FEL SEC 11 22N 7W  
BHL: 2290' FSL & 476' FWL SEC 3 22N 7W

11. Sec., T., R., M., on Block and  
Survey or Area  
11 22N 7W

At top prod. interval reported below At total depth

12. County or Parish  
Sandoval

13. State  
NM

14. Date Spudded  
9/13/17

15. Date T.D. Reached  
10/14/17

16. Date Completed 2/14/18  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
6961'

18. Total Depth: 15435' MD  
5093' TVD

19. Plug Back T.D.: 15388' MD  
5094' 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

CONFIDENTIAL

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#ft.)	Top (MD)	Bottom (MD)	Stage Cements Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	9-5/8", J-55	36	0	330'		101	162	surface	
8-3/4"	7", CP-80	23	0	5630'		935	1521	surface	
6-1/8"	4-1/2", P-110	11.6	5492'	15434'		935	1269	TOL 5492'	

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	5461'	5296'						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
Mancos 32 <sup>nd</sup>	5650'	15365'	5650'-5912'	.35	24	
Mancos 31 <sup>st</sup>			5963'-6226'	.35	24	
Mancos 30 <sup>th</sup>			6277'-6539'	.35	24	
Mancos 29 <sup>th</sup>			6590'-6852'	.35	24	
Mancos 28 <sup>th</sup>			6904'-7166'	.35	24	
Mancos 27 <sup>th</sup>			7217'-7479'	.35	24	
Mancos 26 <sup>th</sup>			7530'-7792'	.35	24	
Mancos 25 <sup>th</sup>			7844'-8106'	.35	24	
Mancos 24 <sup>th</sup>			8157'-8419'	.35	24	
Mancos 23 <sup>rd</sup>			8470'-8732'	.35	24	
Mancos 22 <sup>nd</sup>			8784'-9046'	.35	24	
Mancos 21 <sup>st</sup>			9097'-9359'	.35	24	
Mancos 20 <sup>th</sup>			9410'-9672'	.35	24	
Mancos 19 <sup>th</sup>			9724'-9986'	.35	24	
Mancos 18 <sup>th</sup>			10037'-10299'	.35	24	
Mancos 17 <sup>th</sup>			10350'-10613'	.35	24	
Mancos 16 <sup>th</sup>			10664'-10926'	.35	24	
Mancos 15 <sup>th</sup>			10977'-11239'	.35	24	
Mancos 14 <sup>th</sup>			11290'-11553'	.35	24	

ACCEPTED FOR RECORD

FEB 28 2018

FARMINGTON FIELD OFFICE

AV NMOC

Mancos 13th			11604'-11866'	.35	24	
Mancos 12th			11917'-12179'	.35	24	
Mancos 11th			12231'-12493'	.35	24	
Mancos 10th			12544'-12806'	.35	24	
Mancos 9 <sup>th</sup>			12857'-13119'	.35	24	
Mancos 8 <sup>th</sup>			13171'-13433'	.35	24	
Mancos 7 <sup>th</sup>			13484'-13746'	.35	24	
Mancos 6 <sup>th</sup>			13797'-14059'	.35	24	
Mancos 5 <sup>th</sup>			14111'-14373'	.35	24	
Mancos 4 <sup>th</sup>			14424'-14686'	.35	24	
Mancos 3 <sup>rd</sup>			14737'-14999'	.35	24	
Mancos 2 <sup>nd</sup>			15051'-15313'	.35	24	
Mancos 1 <sup>st</sup>			15362'-15365'	.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
5650'-5912'	MC 32 <sup>nd</sup> stage with 300000#, 20/40 PSA Sand
5963'-6226'	MC 31 <sup>st</sup> stage with 300000#, 20/40 PSA Sand
6277'-6539'	MC 30 <sup>th</sup> stage with 300000#, 20/40 PSA Sand
6590'-6852'	MC 29 <sup>th</sup> stage with 300000#, 20/40 PSA Sand
6904'-7166'	MC 28 <sup>th</sup> stage with 300000#, 20/40 PSA Sand
7217'-7479'	MC 27 <sup>th</sup> stage with 300000#, 20/40 PSA Sand
7530'-7792'	MC 26 <sup>th</sup> stage with 300000#, 20/40 PSA Sand
7844'-8106'	MC 25 <sup>th</sup> stage with 300000#, 20/40 PSA Sand
8157'-8419'	MC 24 <sup>th</sup> stage with 300000#, 20/40 PSA Sand
8470'-8732'	MC 23 <sup>rd</sup> stage with 300000#, 20/40 PSA Sand
8784'-9046'	MC 22 <sup>nd</sup> stage with 300000#, 20/40 PSA Sand
9097'-9359'	MC 21 <sup>st</sup> stage with 230000#, 20/40 PSA Sand
9410'-9672'	MC 20 <sup>th</sup> stage with 300000#, 20/40 PSA Sand
9724'-9986'	MC 19 <sup>th</sup> stage with 300000#, 20/40 PSA Sand
10037'-10299'	MC 18 <sup>th</sup> stage with 300000#, 20/40 PSA Sand
10350'-10613'	MC 17 <sup>th</sup> stage with 300000#, 20/40 PSA Sand
10664'-10926'	MC 16 <sup>th</sup> stage with 300000#, 20/40 PSA Sand
10977'-11239'	MC 15 <sup>th</sup> stage with 300000#, 20/40 PSA Sand
11290'-11553'	MC 14 <sup>th</sup> stage with 300000#, 20/40 PSA Sand
11604'-11866'	MC 13 <sup>th</sup> stage with 300000#, 20/40 PSA Sand
11917'-12179'	MC 12 <sup>th</sup> stage with 300000#, 20/40 PSA Sand
12231'-12493'	MC 11 <sup>th</sup> stage with 300000#, 20/40 PSA Sand
12544'-12806'	MC 10 <sup>th</sup> stage with 300000#, 20/40 PSA Sand
12857'-13119'	MC 9 <sup>th</sup> stage with 300000#, 20/40 PSA Sand
13171'-13433'	MC 8 <sup>th</sup> stage with 300000#, 20/40 PSA Sand
13484'-13746'	MC 7 <sup>th</sup> stage with 300000#, 20/40 PSA Sand
13797'-14059'	MC 6 <sup>th</sup> stage with 300000#, 20/40 PSA Sand
14111'-14373'	MC 5 <sup>th</sup> stage with 300000#, 20/40 PSA Sand
14424'-14686'	MC 4 <sup>th</sup> stage with 300000#, 20/40 PSA Sand
14737'-14999'	MC 3 <sup>rd</sup> stage with 300000#, 20/40 PSA Sand
15051'-15313'	MC 2 <sup>nd</sup> stage with 300000#, 20/40 PSA Sand
15362'-15365'	MC 1 <sup>st</sup> stage with 50000 # 20/40 PSA Sand

28. Production - Interval A

Date First Produced 2/20/18	Test Date 2/20/18	Hours Tested 24 hr	Test Production ➔	Oil BBL 731	Gas MCF 77	Water BBL 1012	Oil Gravity Corr. API.	Gas Gravity	Production Method Flowing
Choke Size 40/64"	Tbg. Press. Flwg. SI 656	Csg. Press. 0	24 Hr. Rate ➔	Oil BBL	Gas MCF	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	

\*(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

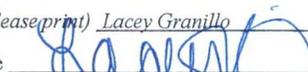
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
OJO ALAMO	993	991			
KIRTLAND	1162	1158			
PICTURED CLIFFS	1463	1457			
LEWIS	1578	1571			
CHACRA	1875	1867			
CLIFF HOUSE	2951	2935			
MENEFEE	3025	3008			
POINT LOOKOUT	3877	3857			
MANCOS	4038	4018			
GALLUP	4373	4353			

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 2/27/18