

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DEC 14 2017

FORM APPROVED
OMB NO. 1004-
0137

Expires: January 31, 2018

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NOG14031948

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-135216A2. Name of Operator
WPX Energy Production, LLC8. Lease Name and Well No.
W Lybrook Unit 718H3. Address
PO Box 640 Aztec, NM 874103a. Phone No. (Include area code)
505-333-18169. API Well No.
30-045-35774

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

10. Field and Pool or Exploratory
Lybrook Mancos W

At surface

SHL: 1824' FSL & 607' FEL Sec 14 T23N R9W Unit: 1
BHL: 506' FSL & 337' FWL Sec 11 T23N R9W Unit: M11. Sec., T., R., M., on Block and
Survey or Area
14 23N 9W12. County or Parish
San Juan13. State
NM

At top prod. interval reported below At total depth

14. Date Spudded
4/10/1715. Date T.D. Reached
9/13/1716. Date Completed 11/9/17
☐ D & A ☐ Ready to Prod.17. Elevations (DF, RKB, RT, GL)*
6719'18. Total Depth: **10765' MD**
4389' TVD19. Plug Back T.D.: **10713' MD**
4390' TVD20. 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

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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	325'		101	162	surface	
8-3/4"	7", CP-80,	23	0	4965'		845	1364	surface	
6-1/8"	4-1/2", P-110	11.6	4809'	10760'		560	761	4809'	

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	4809'	4671'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
Mancos 38th	4975'	10689'	4975'-5096'	.35	25	ACCEPTED RECORD
Mancos 37th			5125'-5246'	.35	25	
Mancos 36th			5275'-5396'	.35	25	
Mancos 35th			5425'-5546'	.35	25	
Mancos 34th			5580'-5696'	.35	25	
Mancos 33rd			5725'-5850'	.35	25	
Mancos 32nd			5880'-6005'	.35	25	
Mancos 31st			6035'-6160'	.35	25	
Mancos 30th			6190'-6315'	.35	25	
Mancos 29th			6345'-6470'	.35	25	
Mancos 28th			6500'-6625'	.35	25	
Mancos 27th			6655'-6780'	.35	25	
Mancos 26th			6810'-6935'	.35	25	
Mancos 25th			6965'-7090'	.35	25	
Mancos 24th			7120'-7245'	.35	25	
Mancos 23rd			7275'-7400'	.35	25	
Mancos 22nd			7430'-7555'	.35	25	
Mancos 21st			7585'-7710'	.35	25	
Mancos 20th			7740'-7865'	.35	25	

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FARMINGTON FIELD OFFICE
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Farmington Field Office
Bureau of Land Management

KMOCD

AV

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Mancos 19th			7895'-8020'	.35	25	
Mancos 18th			8050'-8175'	.35	25	
Mancos 17th			8205'-8325'	.35	25	
Mancos 16th			8360'-8485'	.35	25	
Mancos 15th			8515'-8640'	.35	25	
Mancos 14th			8670'-8795'	.35	25	
Mancos 13th			8825'-8950'	.35	25	
Mancos 12th			8980'-9105'	.35	25	
Mancos 11th			9135'-9260'	.35	25	
Mancos 10th			9290'-9415'	.35	25	
Mancos 9 th			9445'-9570'	.35	25	
Mancos 8 th			9600'-9725'	.35	25	
Mancos 7 th			9755'-9880'	.35	25	
Mancos 6 th			9910'-10035'	.35	25	
Mancos 5 th			10065'-10190'	.35	25	
Mancos 4 th			10220'-10345'	.35	25	
Mancos 3 rd			10375'-10500'	.35	25	
Mancos 2 nd			10530'-10655'	.35	25	
Mancos 1 st			10685'-10689'	.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
4975'-5096'	38 th stage with 255700#, 20/40 PSA Sand
5125'-5246'	37 th stage with 254300#, 20/40 PSA Sand
5275'-5396'	36 th stage with 229000#, 20/40 PSA Sand
5425'-5546'	35 th stage with 251000#, 20/40 PSA Sand
5580'-5696'	34 th stage with 252500#, 20/40 PSA Sand
5725'-5850'	33 rd stage with 254800#, 20/40 PSA Sand
5880'-6005'	32 nd stage with 254500#, 20/40 PSA Sand
6035'-6160'	31 st stage with 254300#, 20/40 PSA Sand
6190'-6315'	30 th stage with 257600#, 20/40 PSA Sand
6345'-6470'	29 th stage with 257100#, 20/40 PSA Sand
6500'-6625'	28 th stage with 255000#, 20/40 PSA Sand
6655'-6780'	27 th stage with 255000#, 20/40 PSA Sand
6810'-6935'	26 th stage with 254700#, 20/40 PSA Sand
6965'-7090'	25 th stage with 255200#, 20/40 PSA Sand
7120'-7245'	24 th stage with 255000#, 20/40 PSA Sand
7275'-7400'	23 rd stage with 255000#, 20/40 PSA Sand
7430'-7555'	22 nd stage with 255000#, 20/40 PSA Sand
7585'-7710'	21 st stage with 255600#, 20/40 PSA Sand
7740'-7865'	20 th stage with 256900#, 20/40 PSA Sand
7895'-8020'	19 th stage with 256200#, 20/40 PSA Sand
8050'-8175'	18 th stage with 255000#, 20/40 PSA Sand
8205'-8325'	17 th stage with 255000#, 20/40 PSA Sand
8360'-8485'	16 th stage with 255600#, 20/40 PSA Sand
8515'-8640'	15 th stage with 252930#, 20/40 PSA Sand
8670'-8795'	14 th stage with 257400#, 20/40 PSA Sand
8825'-8950'	13 th stage with 255000#, 20/40 PSA Sand
8980'-9105'	12 th stage with 255000#, 20/40 PSA Sand
9135'-9260'	11 th stage with 255000#, 20/40 PSA Sand
9290'-9415'	10 th stage with 255200#, 20/40 PSA Sand
9445'-9570'	9 th stage with 256500#, 20/40 PSA Sand
9600'-9725'	8 th stage with 255000#, 20/40 PSA Sand
9755'-9880'	7 th stage with 255000#, 20/40 PSA Sand
9910'-10035'	6 th stage with 255000#, 20/40 PSA Sand
10065'-10190'	5 th stage with 255000#, 20/40 PSA Sand
10220'-10345'	4 th stage with 256700#, 20/40 PSA Sand
10375'-10500'	3 rd stage with 256600#, 20/40 PSA Sand
10530'-10655'	2 nd stage with 255000#, 20/40 PSA Sand
10685'-10689'	1 st stage with 50000 # 20/40 PSA Sand

28. Production - Interval A

Date First Produced 11/26/17	Test Date 11/26/17	Hours Tested 24 hr	Test Production ➔	Oil BBL 424	Gas MCF 3882	Water BBL 1341	Oil Gravity Corr. API.	Gas Gravity	Production Method Flowing
Choke Size 40/64"	Tbg. Press. Flwg. SI 665	Csg. Press. 711	24 Hr. Rate ➔	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status 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	410	410			
KIRTLAND	562	561			
PICTURED CLIFFS	1053	1048			
LEWIS	1249	1240			
CHACRA	1482	1464			
CLIFF HOUSE	2604	2538			
MENEFEE	2639	2572			
POINT LOOKOUT	3587	3488			
MANCOS	3764	3664			
GALLUP	4126	4012			

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:

Name (please print) Lacey Granillo

Title Permit Tech

Signature 

Date 12/11/17