

RECEIVED

In Lieu of
Form 3160-4
(July 1992)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DEC 24 2015
SUBMIT IN
DUPLICATE

(See other instructions on
reverse side)

Farmington Field Office
Bureau of Land Management

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

5. LEASE DESIGNATION AND LEASE NO.
NMSF 078765

6. IF INDIAN, ALLOTTEE OR

7. UNIT AGREEMENT NAME

NMNM 78407E

8. FARM OR LEASE NAME, WELL NO.

Rosa Unit #640H

9. API WELL NO.

30-039-31313

10. FIELD AND POOL, OR WILDCAT
Basin Mancos

11. SEC., T., R., M., OR BLOCK AND
SURVEY OR AREA
Sec 19 31N 5W

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR

Rio Arriba

13. STATE

New Mexico

15. DATE
SPUDDED
7/24/15

16. DATE T.D.
REACHED
10/12/15

17. DATE COMPLETED (READY TO PRODUCE)
12/13/15

18. ELEVATIONS (DK, RKB, RT, GR, ETC.)*
6305' GR

19. ELEVATION CASINGHEAD

20. TOTAL DEPTH, MD & TVD
18040' MD
6885' TVD

21. PLUG, BACK T.D., MD & TVD
17978' MD
6885' TVD

22. IF MULTICOMP.,
HOW MANY

23. INTERVALS
DRILLED BY

ROTARY TOOLS
X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*

Basin Mancos: 7380'-17945' MD

25. WAS DIRECTIONAL SURVEY MADE

YES

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED

No

28. CASING REPORT (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#, J-55	331' MD	12-1/4"	185sx - surface	
7"	23#, N-80	6361' MD	8-3/4"	1200sx-surface.	
5-1/2"	17#, P-110	6177' TOL	6-1/4"	None - this is a temporary tie back string used for stimulation. It will be removed when artificial lift is installed	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	6177'	18026' MD	1515sx-surface		2-3/8", 4.7#, L-80	6889.67'	

31. PERFORATION RECORD (Interval, size, and number)

Basin Mancos: 7380'-17945' MD

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED

Mancos 53rd - 24, 0.40" holes

7380'-7532' 279,308#, 20/40 PSA Sand

Mancos 52nd - 24, 0.40" holes

7580'-7732' 282,010#, 20/40 PSA Sand

Mancos 51st - 24, 0.40" holes

7780'-7932' 296,200#, 20/40 PSA Sand

Mancos 50th - 24, 0.40" holes

7980'-8132' 282,835#, 20/40 PSA Sand

Mancos 49th - 24, 0.40" holes

8180'-8332' 275,995#, 20/40 PSA Sand

Mancos 48th - 24, 0.40" holes

8380'-8532' 281,033#, 20/40 PSA Sand

Mancos 47th - 24, 0.40" holes

8580'-8732' 277,961#, 20/40 PSA Sand

Mancos 46th - 24, 0.40" holes

8780'-8932' 284,356# 20/40 PSA Sand

Mancos 45th - 24, 0.40" holes

8980'-9132' 283,226#, 20/40 PSA Sand

ACCEPTED FOR RECORD

DEC 28 2015

FARMINGTON FIELD OFFICE

BY *[Signature]*

NMOCD TV

Mancos 44th – 24, 0.40" holes

Mancos 43rd – 24, 0.40" holes

Mancos 42nd – 24, 0.40" holes

Mancos 41st – 24, 0.40" holes

Mancos 40th – 24, 0.40" holes

Mancos 39th – 24, 0.40" holes

Mancos 38th – 24, 0.40" holes

Mancos 37th – 24, 0.40" holes

Mancos 36th – 24, 0.40" holes

Mancos 35th – 24, 0.40" holes

Mancos 34th – 24, 0.40" holes

Mancos 33rd – 24, 0.40" holes

Mancos 32nd – 24, 0.40" holes

Mancos 31st – 24, 0.40" holes

Mancos 30th – 24, 0.40" holes

Mancos 29th – 24, 0.40" holes

Mancos 28th – 24, 0.40" holes

Mancos 27th – 24, 0.40" holes

Mancos 26th – 24, 0.40" holes

Mancos 25th – 24, 0.40" holes

Mancos 24th – 24, 0.40" holes

Mancos 23rd – 24, 0.40" holes

Mancos 22nd – 24, 0.40" holes

Mancos 21st – 24, 0.40" holes

Mancos 20th – 24, 0.40" holes

Mancos 19th – 24, 0.40" holes

Mancos 18th – 24, 0.40" holes

9180'-9332'	274,445#, 20/40 PSA Sand
9380'-9532'	284,733#, 20/40 PSA Sand
9580'-9732'	287,627#, 20/40 PSA Sand
9780'-9932'	253,897#, 20/40 PSA Sand
9980'-10132'	282,415#, 20/40 PSA Sand
10180'-10331'	288,297#, 20/40 PSA Sand
10380'-10532'	280,486#, 20/40 PSA Sand
10580'-10732'	282,565#, 20/40 PSA Sand
10780'-10932'	280,510#, 20/40 PSA Sand
10980'-11132'	284,680#, 20/40 PSA Sand
11180'-11331'	278,000#, 20/40 PSA Sand
11380'-11532'	285,815#, 20/40 PSA Sand
11580'-11732'	278,262#, 20/40 PSA Sand
11780'-11932'	291,392#, 20/40 PSA Sand
11980'-12132'	288,810#, 20/40 PSA Sand
12180'-12331'	203,663#, 20/40 PSA Sand
12380'-12532'	288,682#, 20/40 PSA Sand
12580'-12731'	293,571#, 20/40 PSA Sand
12780'-12931'	287,638#, 20/40 PSA Sand
12980'-13132'	289,551#, 20/40 PSA Sand
13180'-13331'	290,949#, 20/40 PSA Sand
13380'-13532'	284,776#, 20/40 PSA Sand
13580'-13732'	248,820#, 20/40 PSA Sand
13780'-13932'	298,652#, 20/40 PSA Sand
13980'-14131'	297,683#, 20/40 PSA Sand
14180'-14331'	296,594#, 20/40 PSA Sand
14380'-14532'	292,742#, 20/40 PSA Sand

Mancos 17th – 24, 0.40" holes

Mancos 16th – 24, 0.40" holes

Mancos 15th – 24, 0.40" holes

Mancos 14th – 24, 0.40" holes

Mancos 13th – 24, 0.40" holes

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Mancos 3rd – 24, 0.40" holes

Mancos 2nd – 24, 0.40" holes

Mancos 1st – 24, 0.40" holes Halliburton bridge plug @ 17945'

14580'-14732'	297,359#, 20/40 PSA Sand
14780'-14931'	241,307# 20/40 PSA Sand
14980'-15132'	175,889#, 20/40 PSA Sand
15180'-15280'	318,778#, 20/40 PSA Sand
15380'-15430'	298,852#, 20/40 PSA Sand
15580'-15731'	299,315# 20/40 PSA Sand
15780'-15932'	296,340#, 20/40 PSA Sand
15980'-16132'	292,280#, 20/40 PSA Sand
16180'-16332'	214,246#, 20/40 PSA Sand
16377'-16519'	215,109#, 20/40 PSA Sand
16580'-16732'	247,222#, 20/40 PSA Sand
16780'-16932'	279,664#, 20/40 PSA Sand
16980'-17132'	133,428#, 20/40 PSA Sand
17180'-17331'	302,654#, 20/40 PSA Sand
17380'-17531'	295,525#, 20/40 PSA Sand
17580'-17732'	281,346#, 20/40 PSA Sand
17780'-17945	286,791# 20/40 PSA Sand

33. PRODUCTION

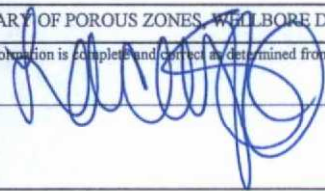
DATE OF FIRST PRODUCTION				PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)		WELL STATUS (PRODUCING OR SI)	
12/8/15				Flowing		Producing	
DATE OF TEST		TESTED				CHOKE SIZE	
12/8/15		24hrs				48/64"	
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE	PROD'N FOR TEST PERIOD	OIL - BBL.	GAS - MCF	WATER - BBL.	GAS-OIL RATIO
0psi	700psi				152MCF	2501bbls	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): non flaring	TEST WITNESSED BY:			OIL - BBL.	GAS - MCF	WATER - BBL.	OIL GRAVITY-API (CORR.)

35. LIST OF ATTACHMENTS: SUMMARY OF POROUS ZONES, WELLBORE DIAGRAM, Directional EOW report

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

PRINTED NAME Jacey Granillo

SIGNED



TITLE Permit Tech III

DATE 12/22/15

37. SUMMARY OF POROUS ZONES: (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, flowing and shut-in pressures, and recoveries):					38.GEOLOGIC MARKERS	
FORMATION	TOP		BOTTOM		DESCRIPTION, CONTENTS, ETC.	NAME
						NAME
	MD	TVD				
Ojo Alamo	2449	2421				
Kirtland	2564	2533				
Fruitland	3092	3052				
Picture Cliffs	3213	3171				
Lewis	3599	3549				
Chacra	4647	4577				
Cliff House	5455	5369				
Menefee	5514	5427				
Point Lookout	5733	5642				
Mancos	6230	6132				

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Basin Mancos

11. SEC., T., R., M., OR BLOCK AND
SURVEY OR AREA
Sec 19 31N 5W

12. COUNTY OR
Rio Arriba

13. STATE
New Mexico

19. ELEVATION CASINGHEAD

ROTARY TOOLS
X

CABLE TOOLS

25. WAS DIRECTIONAL SURVEY MADE
YES

27. WAS WELL CORED
No

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: ☐ OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER
b. TYPE OF COMPLETION:
☒ NEW WELL ☐ WORKOVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER

2. NAME OF OPERATOR
WPX Energy Production, LLC.

3. ADDRESS AND TELEPHONE NO.
P.O. Box 640, Aztec, NM 87410 (505) 333-1808

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
SHL: 963' FNL & 512' FWL SEC 19 T31N R5W
BHL: 72' FSL & 557' FEL SEC 15 T31N R6W

OIL CONS. DIV DIST. 3

DEC 22 2015

14. PERMIT NO.

DATE ISSUED

15. DATE
SPUDDED
7/24/15

16. DATE T.D.
REACHED
10/12/15

17. DATE COMPLETED (READY TO PRODUCE)
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18. ELEVATIONS (DK, RKB, RT, GR, ETC.)*
6305' GR

20. TOTAL DEPTH, MD & TVD
18040' MD
6885' TVD

21. PLUG, BACK T.D., MD & TVD
17978' MD
6885' TVD

22. IF MULTICOMP.,
HOW MANY

23. INTERVALS
DRILLED BY

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*
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26. TYPE ELECTRIC AND OTHER LOGS RUN

28. CASING REPORT (Report all strings set in well)

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CONFIDENTIAL

ACCEPTED FOR RECORD

DEC 21 2015

FARMINGTON FIELD OFFICE
BY *Madison*

NM OGD
AV

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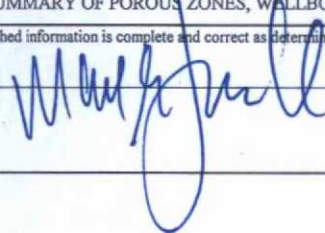
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33. PRODUCTION

DATE OF FIRST PRODUCTION				PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)		WELL STATUS (PRODUCING OR SI)	
12/8/15				Flowing		Producing	
DATE OF TEST		TESTED				CHOKE SIZE	
12/8/15		24hrs				48/64"	
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE	PROD'N FOR TEST PERIOD	OIL - BBL.	GAS - MCF	WATER - BBL.	GAS-OIL RATIO
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PRINTED NAME Marie E. Jaramillo, SIGNED  TITLE Permit Tech III DATE 12/17/15

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38. GEOLOGIC MARKERS

FORMATION	TOP		BOTTOM		DESCRIPTION, CONTENTS, ETC.	NAME	
							NAME
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Cliff House	5455	5369					
Menefee	5514	5427					
Point Lookout	5733	5642					
Mancos	6230	6132					