



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Farmington District Office
6251 College Blvd. - Suite A
Farmington, New Mexico 87402
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In Reply Refer To:
Unit NMNM135216A
3107NMF0110

August 1, 2016

To: State Director (9210)

From: Cynthia Marquez, Land Law Examiner, Petroleum Management Branch (NMF01110)

Subject: First Production, Discovery, West Lybrook Unit Agreement NMNM135216A

Date of Completion:	06-23-2016
Date of First Production:	06-28-2016
Field:	Basin Mancos
Operator/Well Name & No., API Number:	WPX Energy Production, LLC W Lybrook UT #709H 30-045-35471
Surface Location:	836'FSL, 461'FEL (SW $\frac{1}{4}$ SE $\frac{1}{4}$) Sec. 12, T. 23 N., R. 9 W. San Juan County, New Mexico N-OG-1403-1944
Point of Entry Location:	7'FSL, 1347'FEL (SW $\frac{1}{4}$ SE $\frac{1}{4}$) Sec. 12, T. 23 N, R 9W. San Juan County, New Mexico N-OG-1403-1944
Bottom Hole Location:	336'FNL, 964'FEL' (NE $\frac{1}{4}$ NE $\frac{1}{4}$) Sec. 11, T. 23 N., R. 9W. San Juan County, New Mexico N-OG-1401-1871
<u>Total Depth/Plug Back Depth:</u>	12488'MD/4867'TVD
<u>Producing Formation</u> <u>And Intervals:</u>	Mancos (West Lybrook Unit Mancos) 5598'-12141'

Well Capable of Production in
Paying Quantities:

Yes

Current Status:

POW

Remarks: The West Lybrook Unit Expansion embraces 12,807.24 acres more or less of which 7,207.60 (56.2775434%) acres is Federal mineral estate, and 5,599.64 (43.722457%) is Indian Allotted mineral estate. The obligation well has been drilled W Lybrook UT No. 709H. A paying well determination will be forth coming. The first producing well in the unit is the W Lybrook UT No. 709H.

The West Lybrook Unit is considered to be an undivided and fully participating unit, all Mancos Production within the unit from all horizontal wells drilled and completed in the Mancos formation must report to the unit agreement NMNM135216A.

This agreement shall include only the Mancos formation as to horizontal wells only underlying said lands and the oil and gas, hereinafter, referred to as unitized substances, producible from such formation.

The Mancos formation is being defined the stratigraphic equivalent of the top of the Mancos formation at (MD of 3,820 ft.) as the upper boundary and the (MD of 5,071 ft.) as the lower boundary as seen in the electric log from the Chaco Unit #6 well located in section 12, T. 23N, R. 9W. This unit interval is not the same as other undivided Mancos units as it leaves out the lower portion of the Mancos down to and including the Greenhorn Formation. WPX choose this interval so as to not include those interest owners in the unit.

The following leases are HBP Actual: NMNM-23741, NMNM-25830, NMNM36949, NMNM-57164, NMNM-109399, N0-G-0107-1490, N0-G-1310-1841, N0-G-1401-1867, N0-G-1401-1871, N0-G-1402-1891, N0-G-1403-1942, N0-G-1403-1944.

The following leases are Held by Location in a Producing Unit: NMNM-118731, NMNM-121961, NMNM-136066, NMNM-136067, N0-G-1312-1846, N0-G-1312-1856, N0-G-1312-1857, N0-G-1312-1858, N0-G-1312-1860, N0-G-1312-1861, N0-G-1312-1862, N0-G-1312-1863, N0-G-1401-1864, N0G-1401-1865, N0-G-1401-1872, N0-G-1401-1877, N0-G-1401-1878, N0-G-1401-1880, N0-G-1402-1885, N0-G-1402-1888, N0-G-1402-1890, N0-G-1403-1908, N0-G-1403-1939, N0-G-1419-1978.

Cynthia Marquez
Land Law Examiner
Petroleum Management Team

Distribution:

ONNR (MS-357 B1), Denver, CO-1

FIMO-1

Unit File NMNM135216A-1

All Lease Files listed above -1

NMF01110: CMarquez: cm: 08/01-2016: X7741: M/Minerals/Unit/W Lybrook UT