

DATE IN: 2/12/2014	SUSPENSE	NAME: MAM ENGINEER	LOGGED IN: 2/13/2014	TYPE: NSL	APP NO: PMAM140444050
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

- [A] Location - Spacing Unit - Simultaneous Dedication
☒ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

- [D] Other: Specify _____

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or X Does Not Apply

- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
 [B] ☐ Offset Operators, Leaseholders or Surface Owner
 [C] ☐ Application is One Which Requires Published Legal Notice
 [D] ☐ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
 [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
 [F] ☐ Waivers are Attached

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] CERTIFICATION: I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Heather Riley
 Print or Type Name

Signature

Regulatory Team Lead
 Title

2/11/2014
 Date

Heather.riley@wpenergy.com
 e-mail Address

Chaco 2306-20L #207H

- NSL
 - WPX Energy
 Production, LLC
 120782
 well
 2306-20L #
 207H
 30-043-
 Pending
 Pool
 Lybrook
 Gallup
 42289

2014 FEB 12 P 2:45
 RECEIVED OGD



Sent via Overnight Delivery

February 11, 2014

Jami Bailey
Division Director
NEW MEXICO OIL CONSERVATION DIVISION
1220 South Saint Francis Drive
Santa Fe, NM 87505

*Re: Request for Administrative Approval for Non-Standard Lybrook Gallup Lateral
Chaco 2306-20L #207H
API#: Not yet assigned
Sec. 19, T23N, R6W*

Dear Ms. Bailey:

WPX Energy Production, LLC ("WPX"), pursuant to the provisions of Division Rule 19.15.15.13, hereby seeks administrative approval of an unorthodox location for the Lybrook Gallup (42289) formation in the Chaco 2306-20L #207H. This is a horizontal well with a surface location of 2115' FSL and 170' FWL, Section 20, T23N, R6W and an end of lateral location of 1579' FSL & 230' FWL, Section 19, T23N, R6W. See attached plat.

This location is governed by statewide Rule 15.9.A [19.15.15.9.A NMAC], which provides for 40-acre units, with wells located at least 330 feet from a unit outer boundary. Initially the Lybrook Gallup Pool was set up with Special Pool Rules under Order No. R-2267 but these rules were later abolished with Order No. R-2267-B. The new Special Rules for Horizontal Wells under Division Rule 19.15.16.15(B)(3) also apply and state no internal setbacks are required within a project area. Given these setback requirements, the producing interval in the lateral is encroaching the S/2 of the S/2 of Section 19, T23N R6W in that it is approximately 290' from the unit boundary.

The spacing for the subject well is the N/2 of the S/2 of section 19 consisting of 4 consecutive parcels containing 40 acres more or less and totaling 160.90 acres. The spacing unit being encroached upon is the S/2 of the S/2 of Section 19 also consisting of 4 consecutive parcels containing 160.98 acres. All of Section 19 is operated by WPX and ownership is 100% WPX therefore no affected owner letters are required pursuant to NMOCD rules.



Please note that the maximum perforation range for the lateral will from 6,055' MD to 10,644' MD which are legal as to the east and west lines.

EAST LINE EXPLANATION: Referring to the plat, the Point of Entry is at 380' from the east line of Section 19 which correlates with approximately 6,053' MD. The top perforation is at 6,055' which is 2' past the Point of Entry so the distance from the east line for the perforation is 382'.

WEST LINE EXPLANATION: Our end of lateral is shown at 230' from the west line, which correlates to 10,745 MD. The deepest perforation would be the lower port in a RSI tool which would be set no deeper than 10,644' which correlates to 331' from the west line.

Should you have any questions or concerns, please don't hesitate to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Heather Riley", written over the printed name.

Heather Riley
Regulatory Team Lead

Enc.: C-102

District I
1525 N. French Drive, Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II
811 S. First Street, Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Drive, Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 1, 2011

Submit one copy to
Appropriate District Office

OIL CONSERVATION DIVISION

1220 South St. Francis Drive
Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number	*Pool Code 42289	*Pool Name LYBROOK GALLUP
*Property Code	*Property Name CHACO 2306-20L	*Well Number 207H
*GRID No. 120782	*Operator Name WPX ENERGY PRODUCTION, LLC	*Elevation 7038'

10 Surface Location

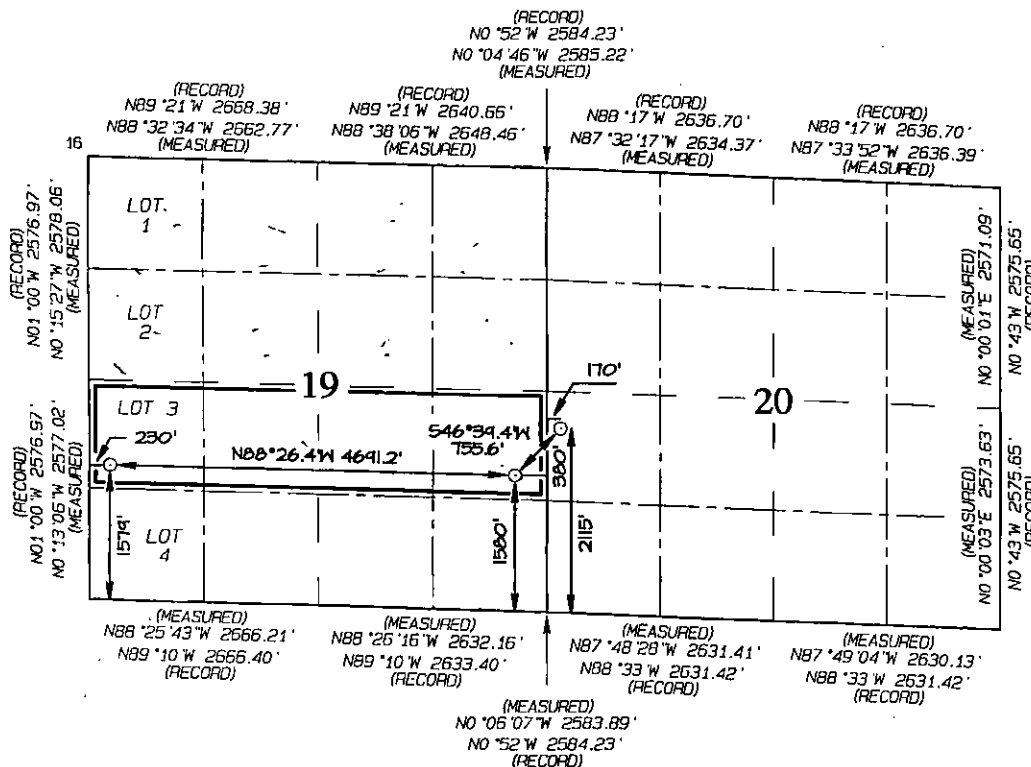
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	20	23N	6W		2115	SOUTH	170	WEST	SANDOVAL

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	19	23N	6W	3	1579	SOUTH	230	WEST	SANDOVAL

12 Dedicated Acres 160.94 Acres N/2 S/2 - Section 19	13 Joint or Infill	14 Consolidation Code	15 Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE
BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



END-OF-LATERAL
1579' FSL 230' FWL
SECTION 19, T23N, R6W
LAT: 36.20835°N
LONG: 107.51688°W
DATUM: NAD1927

LAT: 36.20838°N
LONG: 107.51749°W
DATUM: NAD1983

POINT-OF-ENTRY
1580' FSL 380' FWL
SECTION 19, T23N, R6W
LAT: 36.20818°N
LONG: 107.50098°W
DATUM: NAD1927

LAT: 36.20819°N
LONG: 107.50159°W
DATUM: NAD1983

SURFACE LOCATION
2115' FSL 170' FWL
SECTION 20, T23N, R6W
LAT: 36.20962°N
LONG: 107.49914°W
DATUM: NAD1927

LAT: 36.20964°N
LONG: 107.49975°W
DATUM: NAD1983

17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom-hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

1/22/14
Signature Date
Larry Higgins
Printed Name
larry.higgins@wpxenergy.com
E-mail Address

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date Revised: JANUARY 17, 2014
Date of Survey: AUGUST 21, 2013

Signature and Seal of Professional Surveyor



JASON C. EDWARDS
Certificate Number 15269



WPX Energy

Rev 0

PATHFINDER
A Schlumberger Company

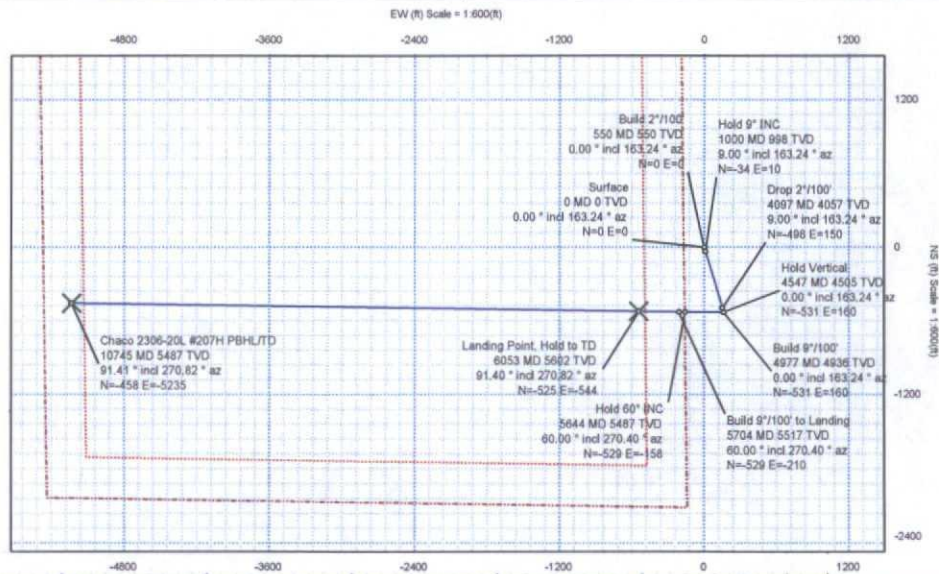
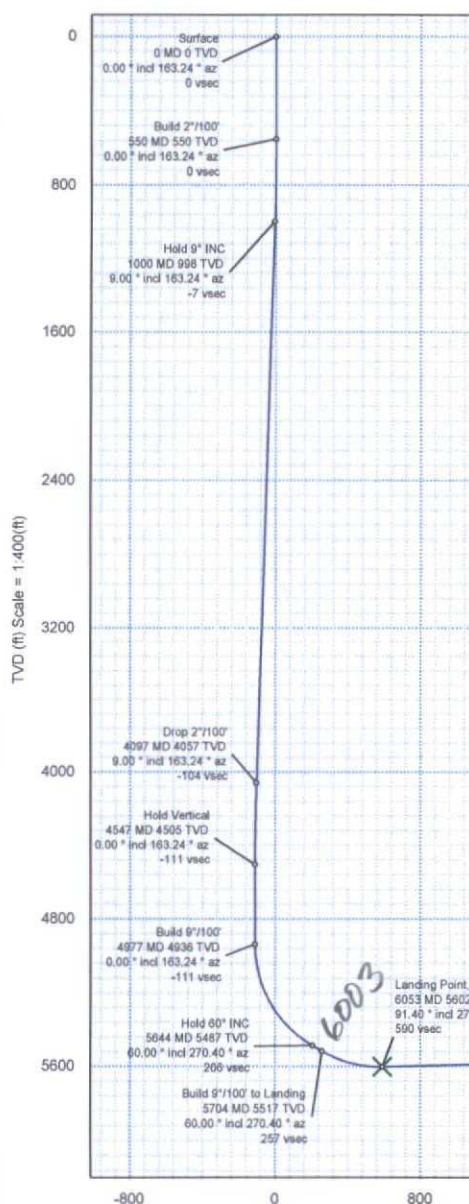
Borehole: Original Hole	Well: Chaco 2306-20L #207H	Field: NM Sandoval County NAD27	Structure: Sec 20-23N-6W
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Gravity & Magnetic Parameters		Surface Location	NAD27 New Mexico State Plane, Central Zone, US Feet		Miscellaneous
Model: BQGM 2013 Dip: 63.001°	Date: 06-Jan-2014	Lat: N 36 12 34.63	Northings: 1897884.748ft	Grid Conv: -0.738"	Slot: Chaco 2306-20L #207H
MagDec: 9.451°	FB: 50145.575nT Gravity FS: 998.484mgn (9.80665 Based)	Lon: W 107 29 56.90	Easting: 131488.873ft	Scale Fact: 1.0000554	TVD Ref: RKB(7052ft above MSL)
				Plan: Chaco 2306-20L #207H R0 mdv 08Jan14	

Proposal



True North
Tot Corr (M->T 9.451°)
Mag Dec (9.451°)
Grid Conv (-0.738")



Surface Location								
Northing: 1897884.748		Easting: 131488.873		Latitude: N 36 12 34.63		Longitude: W 107 29 56.90		VSec Azimuth: 295.003
Target Description		Grid Coord					Local Coord	
Target Name	Latitude	Longitude	Northing	Easting	TVD	VSec	N(+)/S(-)	E(+)/W(-)
Chaco 2306-20L #207H PBHL/TD	N 36 12 30.10	W 107 31 0.78	1897494.48	126248.51	5487.00	5254.60	-457.71	-5234.63
Chaco 2306-20L #207H PP	N 36 12 29.44	W 107 30 3.54	1897366.71	130937.95	5602.00	587.84	-525.06	-544.18
Chaco 2306-20M & 20L 330' Setback	N 36 12 18.54	W 107 29 56.80	1896257.41	131476.77	7052.00	132.92	-1627.27	8.85
Chaco 2306-20M & 20L Section Line	N 36 12 18.54	W 107 29 56.80	1896257.41	131476.77	7052.00	132.92	-1627.27	8.85
Critical Points								
Critical Point	MD	INCL	AZIM	TVD	VSEC	N(+)/S(-)	E(+)/W(-)	DLS
Surface	0.00	0.00	163.24	0.00	0.00	0.00	0.00	
Build 2 1/100'	550.00	0.00	163.24	550.00	0.00	0.00	0.00	0.00
Hold 9' INC	999.89	9.00	163.24	998.05	-7.19	-33.76	10.17	2.00
Drop 2 1/100'	4096.91	9.00	163.24	4056.95	-105.92	-497.55	149.83	0.00
Hold Vertical	4546.81	0.00	163.24	4505.00	-113.11	-531.31	160.00	2.00
Build 9 1/100'	4977.37	0.00	163.24	4935.56	-113.11	-531.31	160.00	0.00
Hold 60' INC	5644.03	60.00	270.40	5486.89	203.79	-529.08	-158.30	9.00
Build 9 1/100' to Landing	5704.03	60.00	270.40	5516.89	255.52	-526.72	-210.26	0.00
Landing Point, Hold to TD	6052.99	91.40	270.82	5602.00	587.85	-525.07	-544.18	9.00
Chaco 2306-20L #207H PBHL/TD	10745.33	91.40	270.82	5487.00	5254.60	-457.71	-5234.62	0.00

Vertical Section (ft) Azim = 264.791° Scale = 1:400(ft) Origin = 0N/-S, 0E/-W