

District I
1625 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

As Drilled Plat

WELL LOCATION AND ACREAGE DEDICATION PLAT

OIL CONS. DIV DIST. 3

*API Number 30-045-35731		*Pool Code 97232	*Pool Name BASIN MANCOS
*Property Code 316010	*Property Name LYBROOK 2309-34B		*Well Number 765
*GRID No. 120782	*Operator Name WPX ENERGY PRODUCTION, LLC		*Elevation 6696'

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
B	34	23N	9W		550	NORTH	1508	EAST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

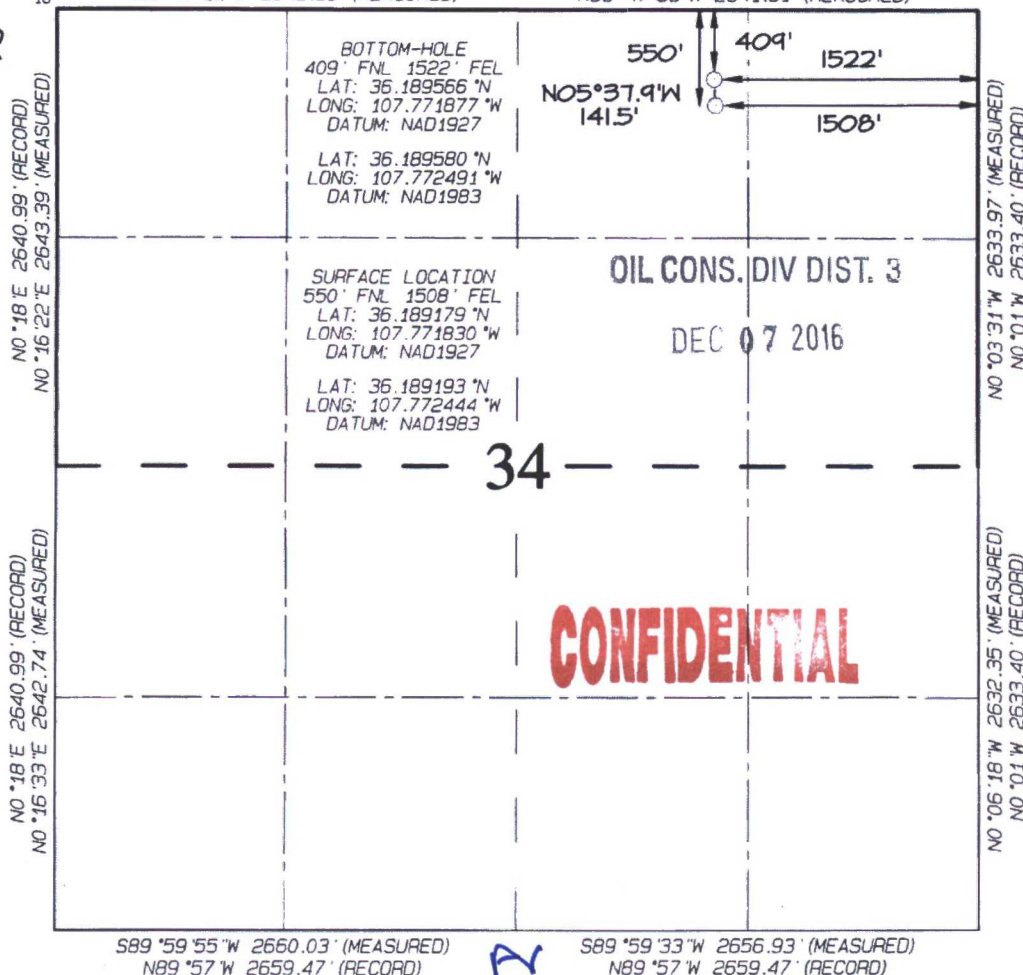
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	34	23N	9W		409	NORTH	1522	EAST	SAN JUAN

¹² Dedicated Acres 320.00	N/2 - Section 34	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
---	------------------	-------------------------------	----------------------------------	-------------------------

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

N89°46'W 2641.98' (RECORD)
N89°47'12"W 2642.25' (MEASURED)

N89°46'W 2641.98' (RECORD)
N89°47'38"W 2641.91' (MEASURED)



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.

Signature: *Marie F. Jaramillo* Date: *12/1/16*

Printed Name: Marie F. Jaramillo
E-mail Address: marie.jaramillo@wpxenergy.com

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: MAY 24, 2016
Date of Survey: JUNE 5, 2015

Signature and Seal of Professional Surveyor



JASON C. EDWARDS

Certificate Number 15269

CONFIDENTIAL

Company:	WPX Energy	Local Co-ordinate Reference:	Well Lybrook 2309-34B #765 - Slot A3
Project:	T23N R9W	TVD Reference:	GL 6696' & RKB 14' @ 6710.00usft (Aztec 920)
Site:	2309-34B WLU	MD Reference:	GL 6696' & RKB 14' @ 6710.00usft (Aztec 920)
Well:	Lybrook 2309-34B #765	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Grand Junction District

Project	T23N R9W		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico West 3003		

Site	2309-34B WLU		
Site Position:		Northing:	1,888,108.09 usft
From:	Lat/Long	Easting:	518,148.80 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13.20 in
		Latitude:	36.1891790
		Longitude:	-107.7718300
		Grid Convergence:	0.04 °

Well	Lybrook 2309-34B #765 - Slot A3		
Well Position	+N/-S	0.00 usft	Northing: 1,888,108.09 usft
	+E/-W	0.00 usft	Easting: 518,148.80 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	0.00 usft
		Latitude:	36.1891790
		Longitude:	-107.7718300
		Ground Level:	6,696.00 usft

Wellbore	Wellbore #1		
Magnetics	Model Name	Sample Date	Declination (°)
	HDGM	5/10/2016	9.18
			Dip Angle (°)
			62.82
			Field Strength (nT)
			49,734

Design	Wellbore #1		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)
	0.00	0.00	0.00
			Direction (°)
			357.23

Survey Program	Date	5/24/2016		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
358.00	5,333.00	Survey #1 (Wellbore #1)	SDI MWD	SDI MWD - Standard ver 1.0.1

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
0.00	0.00	0.00	0.00	0.00	0.00	1,888,108.09	518,148.80	36.1891790	-107.7718300
358.00	0.47	16.71	358.00	1.41	0.42	1,888,109.49	518,149.22	36.1891828	-107.7718286
First SDI MWD Survey									
418.00	0.73	353.36	417.99	2.02	0.45	1,888,110.11	518,149.24	36.1891845	-107.7718285
479.00	1.14	354.06	478.98	3.01	0.34	1,888,111.10	518,149.14	36.1891872	-107.7718289
539.00	2.91	359.40	538.94	5.13	0.26	1,888,113.22	518,149.06	36.1891931	-107.7718291
600.00	4.14	0.31	599.83	8.88	0.26	1,888,116.97	518,149.05	36.1892034	-107.7718292
661.00	4.64	358.17	660.65	13.55	0.19	1,888,121.63	518,148.98	36.1892162	-107.7718294
722.00	4.84	0.26	721.44	18.59	0.13	1,888,126.67	518,148.91	36.1892300	-107.7718296
782.00	4.79	0.42	781.23	23.62	0.15	1,888,131.71	518,148.94	36.1892439	-107.7718295
843.00	4.45	0.56	842.03	28.54	0.20	1,888,136.62	518,148.98	36.1892574	-107.7718294
903.00	4.32	358.17	901.85	33.12	0.15	1,888,141.21	518,148.92	36.1892700	-107.7718295

Company:	WPX Energy	Local Co-ordinate Reference:	Well Lybrook 2309-34B #765 - Slot A3
Project:	T23N R9W	TVD Reference:	GL 6696' & RKB 14' @ 6710.00usft (Aztec 920)
Site:	2309-34B WLU	MD Reference:	GL 6696' & RKB 14' @ 6710.00usft (Aztec 920)
Well:	Lybrook 2309-34B #765	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Grand Junction District

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
964.00	4.53	357.80	962.67	37.82	-0.02	1,888,145.91	518,148.75	36.1892829	-107.7718301
1,025.00	4.46	359.01	1,023.49	42.60	-0.15	1,888,150.69	518,148.62	36.1892960	-107.7718306
1,085.00	4.48	359.82	1,083.30	47.28	-0.20	1,888,155.37	518,148.57	36.1893089	-107.7718307
1,145.00	4.44	358.05	1,143.12	51.94	-0.29	1,888,160.03	518,148.48	36.1893217	-107.7718310
1,206.00	4.00	357.43	1,203.96	56.43	-0.46	1,888,164.52	518,148.30	36.1893340	-107.7718316
1,267.00	3.93	351.90	1,264.81	60.62	-0.85	1,888,168.71	518,147.91	36.1893455	-107.7718329
1,327.00	3.86	351.43	1,324.67	64.66	-1.44	1,888,172.74	518,147.31	36.1893566	-107.7718349
1,388.00	3.93	354.97	1,385.53	68.77	-1.93	1,888,176.86	518,146.82	36.1893679	-107.7718366
1,449.00	3.89	355.65	1,446.39	72.91	-2.27	1,888,181.00	518,146.48	36.1893793	-107.7718377
1,509.00	3.70	354.02	1,506.26	76.87	-2.63	1,888,184.96	518,146.12	36.1893902	-107.7718389
1,569.00	3.62	352.95	1,566.13	80.67	-3.06	1,888,188.76	518,145.68	36.1894006	-107.7718404
1,629.00	3.72	350.20	1,626.01	84.47	-3.63	1,888,192.56	518,145.12	36.1894110	-107.7718423
1,692.00	4.07	0.83	1,688.87	88.72	-3.94	1,888,196.81	518,144.80	36.1894227	-107.7718434
1,752.00	4.32	4.37	1,748.71	93.10	-3.74	1,888,201.19	518,145.00	36.1894348	-107.7718427
1,812.00	4.34	0.62	1,808.53	97.63	-3.54	1,888,205.71	518,145.19	36.1894472	-107.7718420
1,872.00	4.17	357.24	1,868.37	102.08	-3.62	1,888,210.16	518,145.11	36.1894594	-107.7718423
1,936.00	3.84	346.18	1,932.21	106.48	-4.25	1,888,214.57	518,144.48	36.1894715	-107.7718444
2,000.00	4.73	351.17	1,996.03	111.17	-5.16	1,888,219.26	518,143.56	36.1894844	-107.7718475
2,063.00	5.22	355.09	2,058.80	116.59	-5.81	1,888,224.68	518,142.92	36.1894993	-107.7718497
2,126.00	5.17	354.05	2,121.54	122.27	-6.35	1,888,230.36	518,142.37	36.1895149	-107.7718515
2,190.00	5.18	354.55	2,185.28	128.02	-6.92	1,888,236.10	518,141.80	36.1895307	-107.7718535
2,253.00	4.70	353.08	2,248.04	133.41	-7.50	1,888,241.49	518,141.21	36.1895455	-107.7718555
2,316.00	3.47	341.48	2,310.88	137.78	-8.42	1,888,245.86	518,140.29	36.1895575	-107.7718586
2,380.00	2.71	346.21	2,374.79	141.09	-9.39	1,888,249.17	518,139.31	36.1895666	-107.7718619
2,443.00	2.54	348.18	2,437.72	143.90	-10.03	1,888,251.98	518,138.67	36.1895743	-107.7718640
2,507.00	1.74	359.14	2,501.68	146.26	-10.34	1,888,254.34	518,138.37	36.1895808	-107.7718651
2,570.00	1.52	7.27	2,564.65	148.04	-10.25	1,888,256.12	518,138.46	36.1895857	-107.7718648
2,634.00	1.70	7.10	2,628.63	149.83	-10.02	1,888,257.91	518,138.68	36.1895906	-107.7718640
2,697.00	0.88	89.90	2,691.62	150.76	-9.42	1,888,258.84	518,139.28	36.1895931	-107.7718620
2,761.00	1.28	125.23	2,755.61	150.34	-8.35	1,888,258.43	518,140.35	36.1895920	-107.7718583
2,825.00	1.40	132.92	2,819.59	149.40	-7.19	1,888,257.48	518,141.51	36.1895894	-107.7718544
2,888.00	0.56	159.24	2,882.58	148.59	-6.52	1,888,256.67	518,142.18	36.1895872	-107.7718521
2,952.00	0.74	258.81	2,946.58	148.21	-6.81	1,888,256.30	518,141.89	36.1895861	-107.7718531
3,016.00	1.03	252.58	3,010.57	147.96	-7.77	1,888,256.05	518,140.94	36.1895855	-107.7718564
3,079.00	1.14	279.38	3,073.56	147.89	-8.93	1,888,255.98	518,139.78	36.1895853	-107.7718603
3,142.00	1.06	281.73	3,136.55	148.12	-10.12	1,888,256.20	518,138.59	36.1895859	-107.7718643
3,206.00	1.25	274.38	3,200.53	148.29	-11.39	1,888,256.37	518,137.31	36.1895864	-107.7718686
3,269.00	0.50	245.43	3,263.52	148.23	-12.33	1,888,256.31	518,136.38	36.1895862	-107.7718718
3,332.00	0.49	163.87	3,326.52	147.85	-12.50	1,888,255.93	518,136.20	36.1895852	-107.7718724
3,395.00	0.43	170.13	3,389.52	147.36	-12.39	1,888,255.44	518,136.32	36.1895838	-107.7718720
3,458.00	0.39	157.51	3,452.52	146.93	-12.26	1,888,255.01	518,136.44	36.1895826	-107.7718716
3,522.00	0.60	144.76	3,516.52	146.46	-11.99	1,888,254.54	518,136.72	36.1895813	-107.7718707
3,586.00	0.36	189.80	3,580.52	145.98	-11.83	1,888,254.06	518,136.88	36.1895800	-107.7718701
3,649.00	0.60	157.42	3,643.51	145.48	-11.74	1,888,253.57	518,136.97	36.1895786	-107.7718698
3,712.00	0.90	160.04	3,706.51	144.72	-11.44	1,888,252.80	518,137.27	36.1895765	-107.7718688
3,775.00	0.91	165.52	3,769.50	143.77	-11.15	1,888,251.85	518,137.56	36.1895739	-107.7718678
3,839.00	1.01	172.34	3,833.49	142.71	-10.94	1,888,250.80	518,137.76	36.1895710	-107.7718671
3,903.00	0.84	177.01	3,897.48	141.69	-10.84	1,888,249.77	518,137.86	36.1895682	-107.7718668
3,955.00	0.60	167.47	3,949.48	141.04	-10.76	1,888,249.12	518,137.94	36.1895664	-107.7718665
4,030.00	0.68	184.58	4,024.47	140.21	-10.72	1,888,248.29	518,137.99	36.1895642	-107.7718664
4,094.00	0.72	185.16	4,088.47	139.43	-10.78	1,888,247.52	518,137.93	36.1895620	-107.7718666
4,157.00	0.68	185.61	4,151.46	138.67	-10.85	1,888,246.75	518,137.86	36.1895599	-107.7718668
4,221.00	0.67	192.72	4,215.46	137.93	-10.97	1,888,246.01	518,137.74	36.1895579	-107.7718672
4,284.00	0.67	194.59	4,278.46	137.21	-11.15	1,888,245.29	518,137.56	36.1895559	-107.7718678
4,347.00	0.86	204.26	4,341.45	136.42	-11.43	1,888,244.50	518,137.28	36.1895538	-107.7718688

Company:	WPX Energy	Local Co-ordinate Reference:	Well Lybrook 2309-34B #765 - Slot A3
Project:	T23N R9W	TVD Reference:	GL 6696' & RKB 14' @ 6710.00usft (Aztec 920)
Site:	2309-34B WLU	MD Reference:	GL 6696' & RKB 14' @ 6710.00usft (Aztec 920)
Well:	Lybrook 2309-34B #765	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Grand Junction District

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
4,411.00	0.88	192.96	4,405.44	135.51	-11.74	1,888,243.59	518,136.97	36.1895512	-107.7718698
4,475.00	0.87	190.64	4,469.43	134.55	-11.94	1,888,242.63	518,136.77	36.1895486	-107.7718705
4,538.00	0.73	195.96	4,532.43	133.69	-12.14	1,888,241.77	518,136.57	36.1895463	-107.7718712
4,602.00	0.59	5.11	4,596.43	133.63	-12.22	1,888,241.71	518,136.49	36.1895461	-107.7718715
4,666.00	1.42	4.10	4,660.42	134.75	-12.14	1,888,242.83	518,136.57	36.1895492	-107.7718712
4,729.00	1.30	9.47	4,723.40	136.23	-11.96	1,888,244.31	518,136.75	36.1895532	-107.7718706
4,793.00	1.08	356.59	4,787.39	137.55	-11.88	1,888,245.63	518,136.83	36.1895569	-107.7718703
4,857.00	0.75	351.54	4,851.38	138.57	-11.98	1,888,246.65	518,136.73	36.1895596	-107.7718706
4,921.00	0.78	337.77	4,915.37	139.38	-12.20	1,888,247.46	518,136.51	36.1895619	-107.7718714
4,984.00	0.51	306.51	4,978.37	139.95	-12.59	1,888,248.03	518,136.12	36.1895634	-107.7718727
5,048.00	0.58	296.99	5,042.36	140.26	-13.11	1,888,248.34	518,135.60	36.1895643	-107.7718745
5,111.00	0.53	251.78	5,105.36	140.32	-13.67	1,888,248.40	518,135.04	36.1895645	-107.7718764
5,174.00	0.49	337.74	5,168.36	140.48	-14.05	1,888,248.56	518,134.66	36.1895649	-107.7718777
5,238.00	0.18	61.04	5,232.36	140.78	-14.06	1,888,248.86	518,134.64	36.1895657	-107.7718777
5,280.00	0.05	17.05	5,274.36	140.83	-14.00	1,888,248.91	518,134.71	36.1895659	-107.7718775
Last SDI MWD Survey									
5,326.00	0.05	17.05	5,320.36	140.87	-13.99	1,888,248.95	518,134.72	36.1895660	-107.7718774
5 1/2" Casing @ 5326' MD - 36.1895660, -107.7718774									
5,333.00	0.05	17.05	5,327.36	140.87	-13.99	1,888,248.95	518,134.72	36.1895660	-107.7718774
Projection to TD									

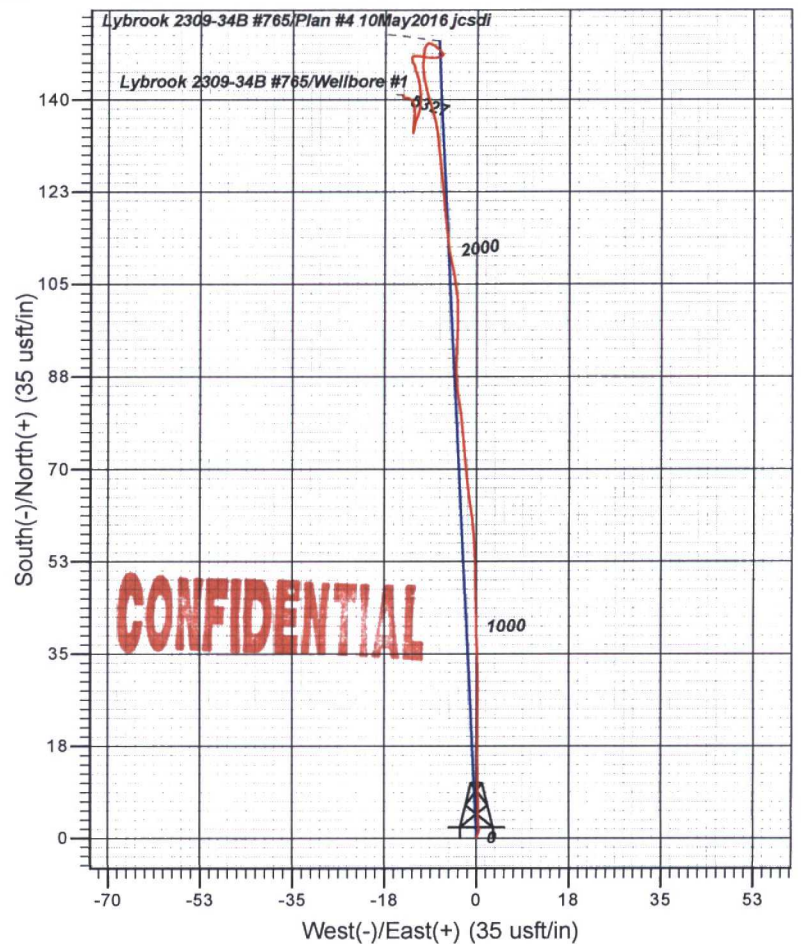
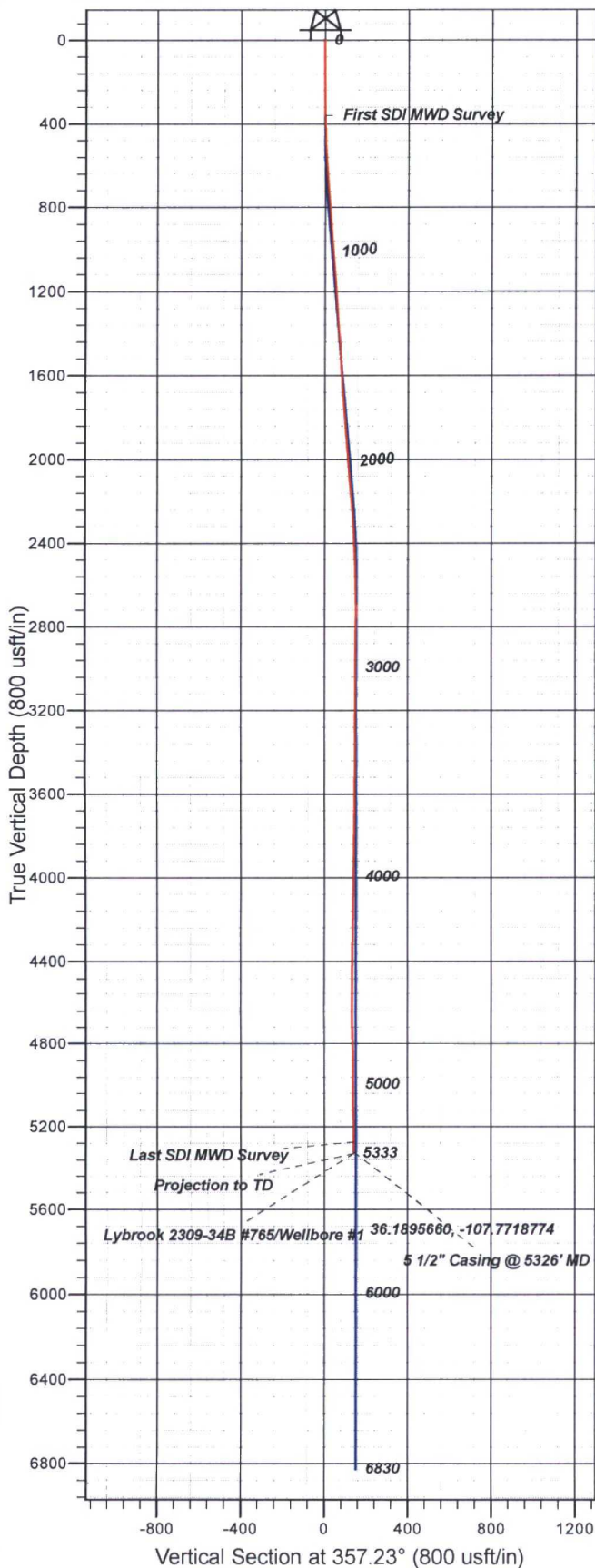
Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
358.00	358.00	1.41	0.42	First SDI MWD Survey
5,280.00	5,274.36	140.83	-14.00	Last SDI MWD Survey
5,326.00	5,320.36	140.87	-13.99	5 1/2" Casing @ 5326' MD
5,326.00	5,320.36	140.87	-13.99	36.1895660, -107.7718774
5,333.00	5,327.36	140.87	-13.99	Projection to TD

Checked By: _____ Approved By: _____ Date: _____



Company: WPX Energy
 Project: T23N R9W
 Site: 2309-34B WLU
 Well: Lybrook 2309-34B #765
 Wellbore: Wellbore #1
 Design: Wellbore #1



Well Details: Lybrook 2309-34B #765

TVD Reference: GL 6696' & RKB 14' @ 6710.00usft (Aztec 920)		Level: 6696.00		Slot A3
+N/-S 0.00	+E/-W 0.00	Northings 1888108.09	Eastings 518148.80	

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well Lybrook 2309-34B #765 - Slot A3, True North
 Vertical (TVD) Reference: GL 6696' & RKB 14' @ 6710.00usft (Aztec 920)
 Section (VS) Reference: Slot - A3(0.00N, 0.00E)
 Measured Depth Reference: GL 6696' & RKB 14' @ 6710.00usft (Aztec 920)
 Calculation Method: Minimum Curvature

PROJECT DETAILS: T23N R9W

Geodetic System: US State Plane 1927 (Exact solution)
 Datum: NAD 1927 (NADCON CONUS)
 Ellipsoid: Clarke 1866
 Zone: New Mexico West 3003

System Datum: Mean Sea Level

Plan: Wellbore #1

9:41, May 24 2016
 Created By: Janie Collins