

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-31290	*Pool Code 98088	*Pool Name CHACO UNIT NE HZ (OIL)
*Property Code 313800	*Property Name NE CHACO COM	*Well Number 265H
*GRID No. 120782	*Operator Name WPX ENERGY PRODUCTION, LLC	*Elevation 6830'

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	5	23N	6W		1366	SOUTH	268	WEST	RIO ARriba

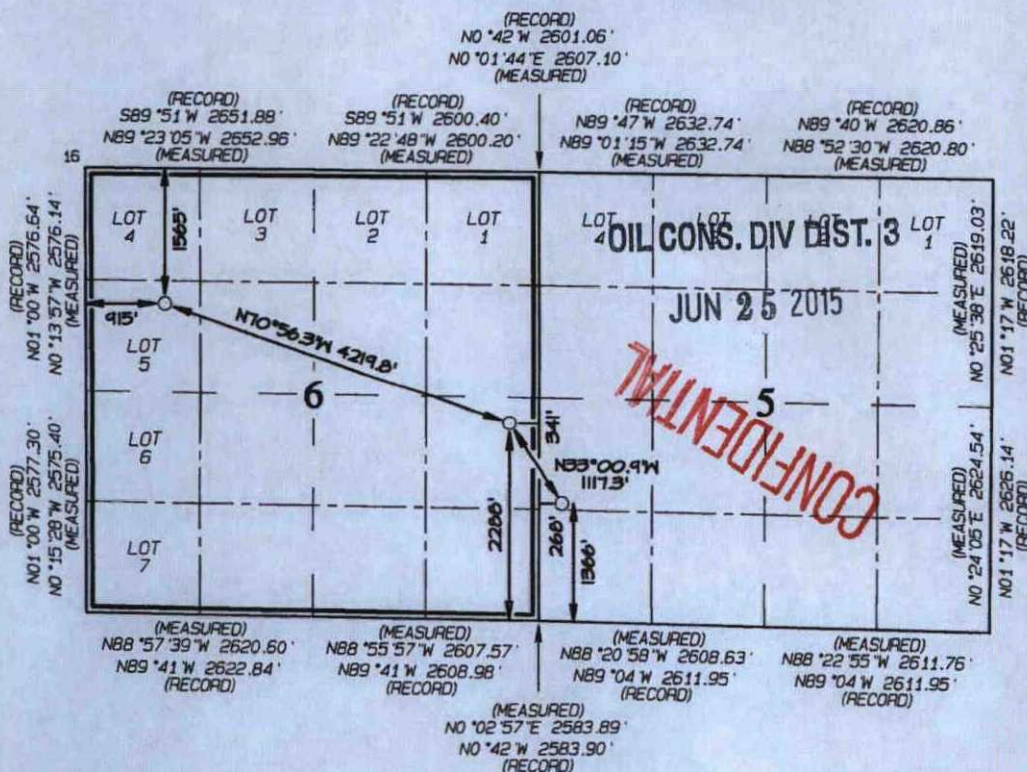
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	268	East/West line	County
E	6	23N	6W	5	1565	NORTH	915	WEST	RIO ARriba

¹² Dedicated Acres 646.18 Acres Entire Section 6	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-13817-A
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9,237.3 acres

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



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: *[Signature]* Date: 6/24/15

Printed Name: LACEY GRANILLO

E-mail Address: LACEY.GRANILLO@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: JUNE 8, 2015
Survey Date: NOVEMBER 25, 2013

Signature and Seal of Professional Surveyor



JASON C. EDWARDS

Certificate Number 15269

END-OF-LATERAL
1565' FNL 915' FWL
SECTION 6, T23N, R6W
LAT: 36.256343°N
LONG: 107.515583°W
DATUM: NAD1927

LAT: 36.256356°N
LONG: 107.516188°W
DATUM: NAD1983

RSI TOOL
1600' FNL 1013' FWL
SECTION 6, T23N, R6W
LAT: 36.256247°N
LONG: 107.515250°W
DATUM: NAD1927

LAT: 36.256260°N
LONG: 107.515856°W
DATUM: NAD1983

POINT-OF-ENTRY
2288' FSL 341' FEL
SECTION 5, T23N, R6W
LAT: 36.252700°N
LONG: 107.501998°W
DATUM: NAD1927

LAT: 36.252713°N
LONG: 107.502603°W
DATUM: NAD1983

SURFACE LOCATION
1366' FSL 268' FWL
SECTION 5, T23N, R6W
LAT: 36.250149°N
LONG: 107.499892°W
DATUM: NAD1927

LAT: 36.250162°N
LONG: 107.500498°W
DATUM: NAD1983

A

10



OIL CONS. DIV DIST. 3

JUN 25 2015

WPX Energy

T23N R6W

Chaco 2306-05L

NE Chaco Com #265H

Wellbore #1

Design: Wellbore #1

Survey Report - Geographic

03 June, 2015

CONFIDENTIAL



Scientific Drilling

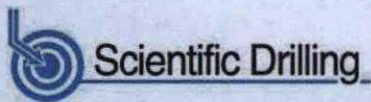
www.scientificdrilling.com



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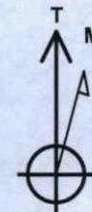
- 1. Directional Plot and Surveys**
- 2. Daily Drilling Reports**
- 3. BHA Summary Reports and Slide Sheets**
- 4. Graphical Job History**
- 5. Support Staff**





Company Name: WPX Energy
 Project: T23N R6W
 Site: Chaco 2306-05L
 Well: NE Chaco Com #265H

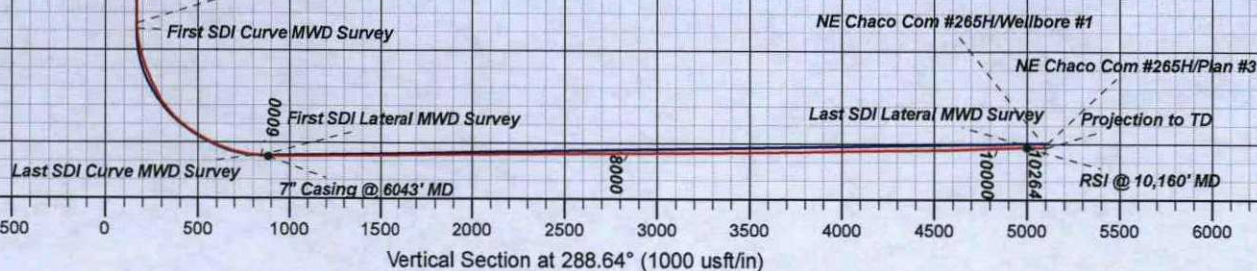
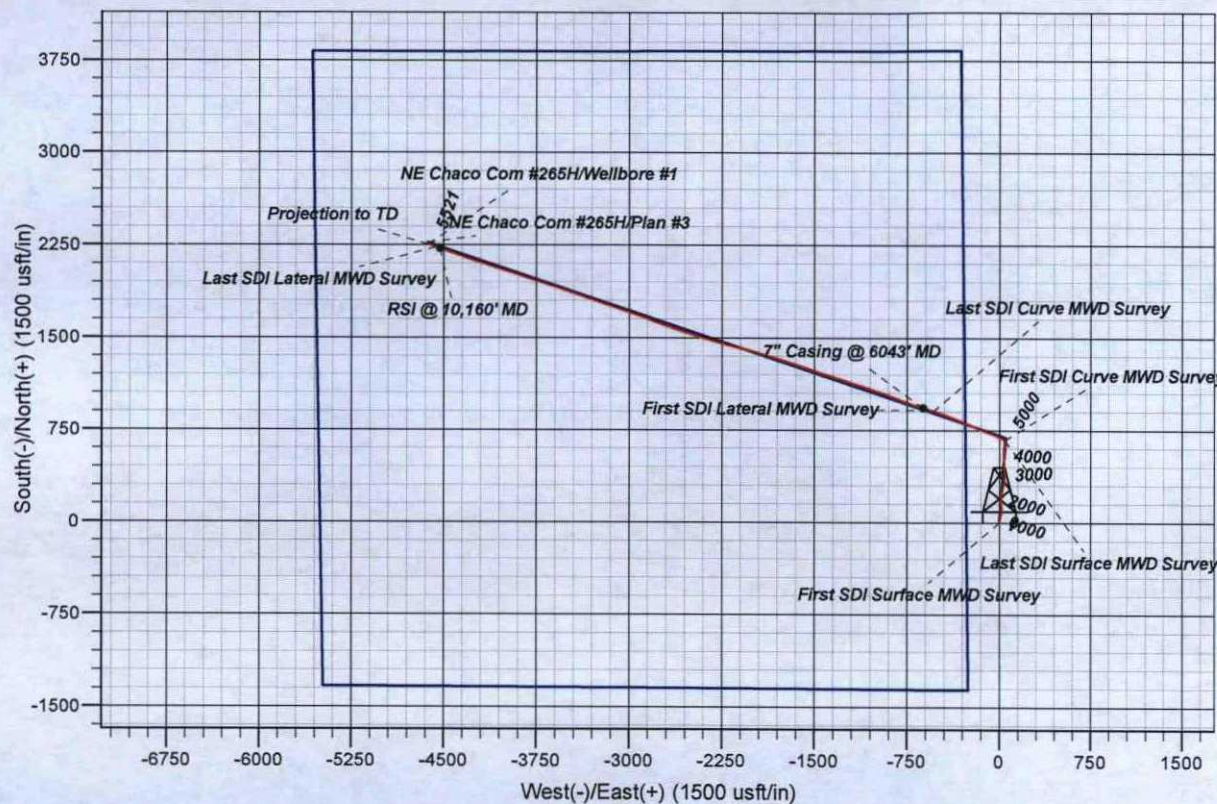
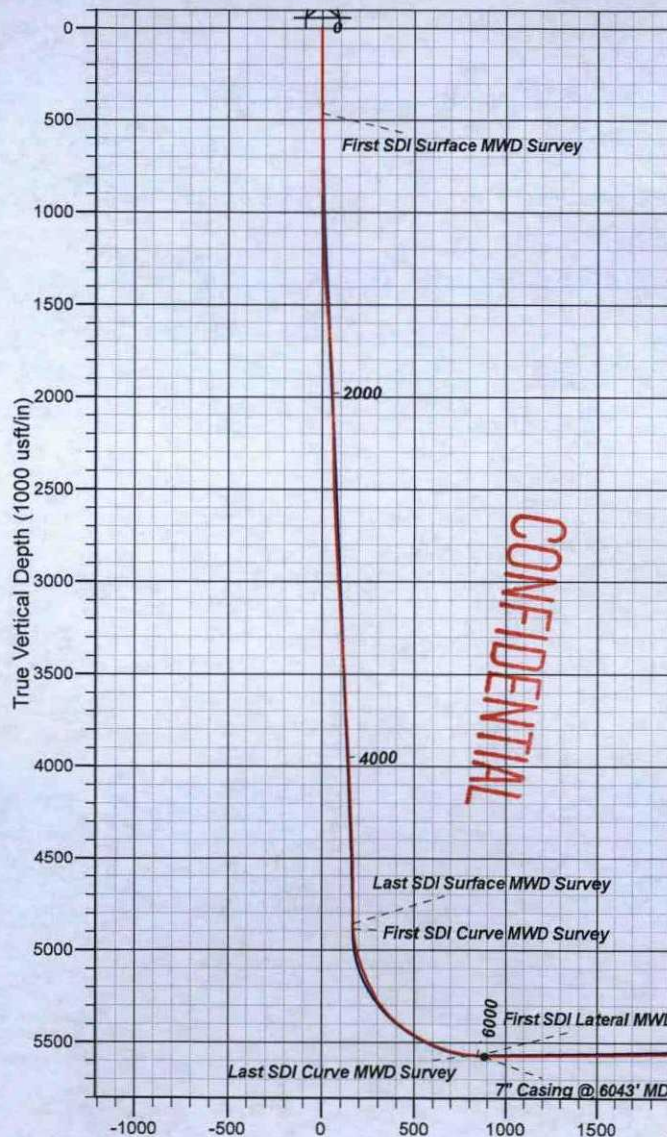
WPXENERGY



Azimuths to True North
 Magnetic North: 9.03°
 Magnetic Field
 Strength: 49842.1snT
 Dip Angle: 62.95°
 Date: 5/25/2015
 Model: HDGM

WELL DETAILS: NE Chaco Com #265H

+N/-S	+E/-W	KB @ 6844.00usft (Original Well Elev)	6830.00	Northing	Easting	Latitude	Longitude
0.00	0.00	1910465.68	598318.43	36.2501500	-107.4998900		



Design: Wellbore #1 (NE Chaco Com #265H/Wellbore #1)
 Created By: Janie Collins Date: 10:29, June 03 2015
 PROJECT DETAILS: T23N R6W
 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
 Local North: True

Company:	WPX Energy	Local Co-ordinate Reference:	Well NE Chaco Com #265H
Project:	T23N R6W	TVD Reference:	KB @ 6844.00usft (Original Well Elev)
Site:	Chaco 2306-05L	MD Reference:	KB @ 6844.00usft (Original Well Elev)
Well:	NE Chaco Com #265H	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Grand Junction District

Project	T23N R6W		
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	Chaco 2306-05L		
Site Position:		Northing:	1,910,443.81 usft
From:	Lat/Long	Easting:	598,309.66 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13.20 in
		Latitude:	36.2500900
		Longitude:	-107.4999200
		Grid Convergence:	0.20 °

Well	NE Chaco Com #265H		
Well Position	+N/-S	0.00 usft	Northing: 1,910,465.68 usft
	+E/-W	0.00 usft	Easting: 598,318.43 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	0.00 usft
		Latitude:	36.2501500
		Longitude:	-107.4998900
		Ground Level:	6,830.00 usft

Wellbore	Wellbore #1		
Magnetics	Model Name	Sample Date	Declination (°)
	HDGM	5/25/2015	9.03
			Dip Angle (°) 62.95
			Field Strength (nT) 49,842

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 (°) 288.64

Survey Program	Date 6/3/2015		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name
64.00	359.00	Survey #1 - Gyro Survey (Wellbore #1)	GYRO-NS
465.00	4,916.00	Survey #2 - Surface MWD Survey (Wellbo	SDI MWD
4,947.00	5,958.00	Survey #3 - Curve MWD Survey (Wellbore	SDI MWD
5,995.00	10,264.00	Survey #4 - Lateral MWD Survey (Wellbor	SDI MWD
			Description
			Gyrocompass Gyro
			SDI MWD - Standard ver 1.0.1
			SDI MWD - Standard ver 1.0.1
			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	1,910,465.68	598,318.43	36.2501500	-107.4998900
64.00	0.70	344.20	64.00	0.38	-0.11	1,910,466.06	598,318.32	36.2501510	-107.4998904
114.00	0.37	357.42	114.00	0.83	-0.20	1,910,466.51	598,318.23	36.2501523	-107.4998907
164.00	0.37	340.12	164.00	1.14	-0.26	1,910,466.82	598,318.17	36.2501531	-107.4998909
214.00	0.16	357.67	213.99	1.37	-0.32	1,910,467.05	598,318.11	36.2501537	-107.4998911
264.00	0.41	288.60	263.99	1.49	-0.49	1,910,467.17	598,317.94	36.2501541	-107.4998917
314.00	0.63	302.18	313.99	1.70	-0.89	1,910,467.37	598,317.53	36.2501546	-107.4998931
359.00	0.52	257.59	358.99	1.78	-1.30	1,910,467.46	598,317.12	36.2501549	-107.4998945

Company:	WPX Energy	Local Co-ordinate Reference:	Well NE Chaco Com #265H
Project:	T23N R6W	TVD Reference:	KB @ 6844.00usft (Original Well Elev)
Site:	Chaco 2306-05L	MD Reference:	KB @ 6844.00usft (Original Well Elev)
Well:	NE Chaco Com #265H	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
465.00	0.60	265.57	464.98	1.64	-2.32	1,910,467.31	598,316.10	36.2501545	-107.4998979
First SDI Surface MWD Survey									
497.00	0.35	243.53	496.98	1.58	-2.58	1,910,467.25	598,315.85	36.2501543	-107.4998988
529.00	0.38	273.74	528.98	1.54	-2.77	1,910,467.22	598,315.65	36.2501542	-107.4998994
592.00	1.76	14.27	591.97	2.50	-2.74	1,910,468.17	598,315.68	36.2501568	-107.4998993
655.00	3.05	22.36	654.92	4.98	-1.87	1,910,470.66	598,316.55	36.2501637	-107.4998964
719.00	4.56	14.86	718.77	9.02	-0.56	1,910,474.70	598,317.84	36.2501747	-107.4998920
782.00	4.90	10.61	781.56	14.08	0.57	1,910,479.77	598,318.96	36.2501887	-107.4998881
845.00	5.95	8.36	844.28	19.96	1.54	1,910,485.64	598,319.91	36.2502048	-107.4998848
908.00	6.88	8.90	906.88	26.92	2.60	1,910,492.61	598,320.94	36.2502239	-107.4998812
971.00	8.15	13.37	969.34	34.99	4.22	1,910,500.68	598,322.53	36.2502461	-107.4998757
1,034.00	10.60	15.92	1,031.49	44.91	6.84	1,910,510.61	598,325.12	36.2502733	-107.4998668
1,098.00	11.12	15.86	1,094.35	56.51	10.14	1,910,522.22	598,328.38	36.2503052	-107.4998556
1,162.00	10.85	16.63	1,157.17	68.21	13.55	1,910,533.94	598,331.75	36.2503374	-107.4998441
1,225.00	11.21	9.42	1,219.01	79.94	16.25	1,910,545.67	598,334.41	36.2503696	-107.4998349
1,288.00	11.88	6.32	1,280.74	92.42	17.97	1,910,558.17	598,336.08	36.2504039	-107.4998291
1,349.00	11.98	1.25	1,340.42	104.99	18.80	1,910,570.74	598,336.87	36.2504384	-107.4998263
1,409.00	10.43	356.04	1,399.28	116.64	18.56	1,910,582.38	598,336.59	36.2504704	-107.4998271
1,470.00	9.92	351.13	1,459.32	127.34	17.37	1,910,593.08	598,335.36	36.2504998	-107.4998311
1,530.00	9.89	349.63	1,518.43	137.51	15.64	1,910,603.25	598,333.60	36.2505277	-107.4998370
1,591.00	11.39	353.46	1,578.38	148.65	14.01	1,910,614.38	598,331.93	36.2505583	-107.4998425
1,651.00	11.76	358.37	1,637.16	160.65	13.16	1,910,626.38	598,331.04	36.2505913	-107.4998454
1,712.00	11.96	356.50	1,696.86	173.17	12.60	1,910,638.90	598,330.44	36.2506257	-107.4998473
1,772.00	11.54	0.97	1,755.60	185.38	12.32	1,910,651.10	598,330.12	36.2506592	-107.4998482
1,833.00	11.06	4.51	1,815.42	197.31	12.89	1,910,663.04	598,330.64	36.2506920	-107.4998463
1,894.00	11.22	1.53	1,875.27	209.08	13.51	1,910,674.80	598,331.22	36.2507243	-107.4998442
1,955.00	11.57	11.18	1,935.07	221.01	14.85	1,910,686.74	598,332.52	36.2507571	-107.4998397
2,015.00	10.18	16.86	1,993.99	231.99	17.55	1,910,697.73	598,335.19	36.2507873	-107.4998305
2,075.00	10.67	13.63	2,053.00	242.46	20.40	1,910,708.21	598,338.00	36.2508161	-107.4998209
2,135.00	10.82	12.55	2,111.95	253.36	22.93	1,910,719.12	598,340.49	36.2508460	-107.4998123
2,196.00	10.70	12.67	2,171.88	264.47	25.42	1,910,730.24	598,342.94	36.2508765	-107.4998038
2,257.00	10.72	13.12	2,231.82	275.52	27.95	1,910,741.30	598,345.43	36.2509069	-107.4997953
2,317.00	10.32	12.49	2,290.81	286.21	30.38	1,910,751.99	598,347.83	36.2509362	-107.4997870
2,378.00	9.85	14.78	2,350.87	296.58	32.89	1,910,762.38	598,350.30	36.2509647	-107.4997785
2,440.00	9.32	11.23	2,412.00	306.64	35.22	1,910,772.44	598,352.60	36.2509923	-107.4997706
2,501.00	9.58	13.14	2,472.17	316.42	37.34	1,910,782.23	598,354.68	36.2510192	-107.4997634
2,562.00	10.01	8.10	2,532.29	326.62	39.24	1,910,792.43	598,356.55	36.2510472	-107.4997570
2,622.00	10.31	6.96	2,591.34	337.11	40.62	1,910,802.93	598,357.90	36.2510761	-107.4997523
2,683.00	10.20	4.02	2,651.37	347.92	41.66	1,910,813.74	598,358.90	36.2511057	-107.4997487
2,744.00	10.06	3.78	2,711.42	358.62	42.39	1,910,824.44	598,359.59	36.2511351	-107.4997463
2,804.00	10.08	4.74	2,770.50	369.08	43.17	1,910,834.91	598,360.33	36.2511639	-107.4997436
2,865.00	10.23	0.38	2,830.54	379.82	43.65	1,910,845.65	598,360.77	36.2511934	-107.4997420
2,926.00	9.94	358.66	2,890.60	390.50	43.56	1,910,856.33	598,360.65	36.2512227	-107.4997423
2,987.00	10.16	357.82	2,950.66	401.14	43.24	1,910,866.96	598,360.29	36.2512519	-107.4997434
3,047.00	10.11	357.48	3,009.73	411.69	42.80	1,910,877.51	598,359.82	36.2512809	-107.4997449
3,111.00	9.76	358.13	3,072.77	422.72	42.38	1,910,888.54	598,359.36	36.2513112	-107.4997463
3,174.00	9.34	355.83	3,134.89	433.16	41.83	1,910,898.98	598,358.77	36.2513399	-107.4997482
3,237.00	9.09	356.06	3,197.08	443.22	41.12	1,910,909.04	598,358.03	36.2513676	-107.4997506
3,301.00	9.20	354.15	3,260.27	453.35	40.25	1,910,919.17	598,357.12	36.2513954	-107.4997535
3,364.00	8.71	355.54	3,322.50	463.12	39.37	1,910,928.93	598,356.20	36.2514222	-107.4997565
3,427.00	8.43	352.35	3,384.80	472.45	38.38	1,910,938.26	598,355.19	36.2514479	-107.4997599
3,491.00	8.58	354.21	3,448.09	481.85	37.27	1,910,947.66	598,354.05	36.2514737	-107.4997636
3,553.00	10.05	0.88	3,509.27	491.86	36.89	1,910,957.67	598,353.63	36.2515012	-107.4997649
3,616.00	9.97	2.95	3,571.32	502.80	37.26	1,910,968.61	598,353.96	36.2515312	-107.4997637
3,680.00	9.77	1.12	3,634.37	513.77	37.65	1,910,979.57	598,354.31	36.2515614	-107.4997624

Company:	WPX Energy	Local Co-ordinate Reference:	Well NE Chaco Com #265H
Project:	T23N R6W	TVD Reference:	KB @ 6844.00usft (Original Well Elev)
Site:	Chaco 2306-05L	MD Reference:	KB @ 6844.00usft (Original Well Elev)
Well:	NE Chaco Com #265H	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
3,744.00	9.48	0.03	3,697.47	524.47	37.76	1,910,990.27	598,354.38	36.2515907	-107.4997620
3,807.00	9.64	359.69	3,759.59	534.93	37.73	1,911,000.74	598,354.32	36.2516195	-107.4997621
3,870.00	9.44	358.75	3,821.72	545.37	37.59	1,911,011.18	598,354.14	36.2516482	-107.4997626
3,934.00	9.23	358.93	3,884.87	555.75	37.38	1,911,021.55	598,353.90	36.2516767	-107.4997633
3,997.00	9.39	358.49	3,947.04	565.94	37.15	1,911,031.74	598,353.63	36.2517047	-107.4997641
4,060.00	9.53	3.93	4,009.19	576.28	37.37	1,911,042.08	598,353.82	36.2517331	-107.4997633
4,123.00	10.10	6.86	4,071.27	586.97	38.39	1,911,052.78	598,354.80	36.2517624	-107.4997598
4,187.00	9.85	7.08	4,134.30	597.97	39.73	1,911,063.78	598,356.11	36.2517927	-107.4997553
4,250.00	9.51	6.30	4,196.40	608.49	40.97	1,911,074.31	598,357.31	36.2518216	-107.4997511
4,313.00	8.97	6.10	4,258.58	618.55	42.06	1,911,084.37	598,358.36	36.2518492	-107.4997474
4,376.00	8.97	6.21	4,320.81	628.31	43.12	1,911,094.14	598,359.38	36.2518760	-107.4997438
4,439.00	8.75	4.15	4,383.06	637.98	43.99	1,911,103.80	598,360.23	36.2519026	-107.4997408
4,503.00	7.95	0.38	4,446.38	647.26	44.37	1,911,113.09	598,360.58	36.2519281	-107.4997395
4,566.00	6.86	358.83	4,508.86	655.38	44.33	1,911,121.20	598,360.50	36.2519504	-107.4997397
4,629.00	5.10	0.59	4,571.51	661.94	44.28	1,911,127.77	598,360.43	36.2519684	-107.4997399
4,692.00	3.20	14.37	4,634.35	666.44	44.74	1,911,132.27	598,360.88	36.2519808	-107.4997383
4,756.00	1.69	1.49	4,698.29	669.12	45.21	1,911,134.95	598,361.34	36.2519881	-107.4997367
4,819.00	0.34	24.94	4,761.27	670.21	45.32	1,911,136.05	598,361.44	36.2519911	-107.4997364
4,882.00	0.33	187.31	4,824.27	670.20	45.37	1,911,136.04	598,361.50	36.2519911	-107.4997362
4,916.00	0.32	270.48	4,858.27	670.11	45.26	1,911,135.94	598,361.39	36.2519908	-107.4997365
Last SDI Surface MWD Survey									
4,947.00	2.73	285.80	4,889.26	670.31	44.47	1,911,136.14	598,360.59	36.2519914	-107.4997392
First SDI Curve MWD Survey									
4,979.00	6.14	297.04	4,921.16	671.29	42.21	1,911,137.12	598,358.33	36.2519941	-107.4997469
5,010.00	9.66	300.57	4,951.86	673.37	38.49	1,911,139.18	598,354.60	36.2519998	-107.4997595
5,042.00	11.69	301.36	4,983.31	676.42	33.41	1,911,142.22	598,349.51	36.2520082	-107.4997767
5,073.00	14.40	300.24	5,013.50	680.00	27.40	1,911,145.77	598,343.49	36.2520180	-107.4997971
5,105.00	16.60	298.21	5,044.34	684.17	19.93	1,911,149.91	598,336.01	36.2520295	-107.4998224
5,136.00	17.31	296.13	5,073.99	688.29	11.89	1,911,154.01	598,327.95	36.2520408	-107.4998497
5,168.00	18.67	294.45	5,104.43	692.51	2.95	1,911,158.19	598,319.00	36.2520524	-107.4998800
5,200.00	21.49	294.73	5,134.48	697.08	-7.04	1,911,162.73	598,308.99	36.2520649	-107.4999139
5,231.00	24.24	293.44	5,163.04	701.99	-18.04	1,911,167.60	598,297.98	36.2520784	-107.4999512
5,263.00	25.55	292.94	5,192.07	707.29	-30.42	1,911,172.86	598,285.58	36.2520930	-107.4999932
5,295.00	26.71	291.00	5,220.79	712.56	-43.49	1,911,178.09	598,272.49	36.2521075	-107.5000375
5,326.00	28.57	290.12	5,248.26	717.61	-56.95	1,911,183.09	598,259.01	36.2521213	-107.5000832
5,358.00	31.75	289.94	5,275.92	723.11	-72.06	1,911,188.54	598,243.89	36.2521364	-107.5001344
5,389.00	35.96	289.67	5,301.66	728.96	-88.30	1,911,194.33	598,227.62	36.2521525	-107.5001895
5,421.00	39.06	290.22	5,327.04	735.61	-106.61	1,911,200.92	598,209.29	36.2521708	-107.5002516
5,453.00	43.38	290.23	5,351.10	742.90	-126.40	1,911,208.14	598,189.48	36.2521908	-107.5003187
5,484.00	45.61	289.81	5,373.21	750.33	-146.81	1,911,215.50	598,169.04	36.2522112	-107.5003880
5,516.00	49.05	292.13	5,394.90	758.76	-168.77	1,911,223.86	598,147.05	36.2522344	-107.5004624
5,548.00	52.61	293.67	5,415.11	768.42	-191.61	1,911,233.44	598,124.17	36.2522609	-107.5005399
5,579.00	56.42	293.72	5,433.10	778.56	-214.72	1,911,243.50	598,101.03	36.2522888	-107.5006183
5,611.00	58.85	293.78	5,450.23	789.45	-239.46	1,911,254.30	598,076.25	36.2523187	-107.5007022
5,642.00	60.31	293.30	5,465.93	800.12	-263.97	1,911,264.89	598,051.71	36.2523480	-107.5007853
5,674.00	59.49	292.09	5,481.98	810.81	-289.51	1,911,275.49	598,026.13	36.2523774	-107.5008719
5,705.00	61.76	291.75	5,497.18	820.89	-314.57	1,911,285.48	598,001.04	36.2524051	-107.5009569
5,737.00	65.34	291.41	5,511.43	831.42	-341.21	1,911,295.93	597,974.36	36.2524340	-107.5010473
5,767.00	67.93	290.86	5,523.33	841.35	-366.89	1,911,305.76	597,948.65	36.2524613	-107.5011344
5,800.00	71.00	290.77	5,534.90	852.33	-395.78	1,911,316.65	597,919.72	36.2524914	-107.5012323
5,831.00	74.05	289.42	5,544.21	862.49	-423.54	1,911,326.70	597,891.92	36.2525193	-107.5013265
5,863.00	74.91	288.92	5,552.77	872.61	-452.66	1,911,336.73	597,862.77	36.2525471	-107.5014253
5,894.00	77.16	288.25	5,560.26	882.20	-481.18	1,911,346.22	597,834.22	36.2525735	-107.5015220
5,926.00	79.89	288.48	5,566.62	892.08	-510.94	1,911,355.99	597,804.43	36.2526006	-107.5016229

Company:	WPX Energy	Local Co-ordinate Reference:	Well NE Chaco Com #265H
Project:	T23N R6W	TVD Reference:	KB @ 6844.00usft (Original Well Elev)
Site:	Chaco 2306-05L	MD Reference:	KB @ 6844.00usft (Original Well Elev)
Well:	NE Chaco Com #265H	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
5,958.00	81.87	288.44	5,571.69	902.08	-540.91	1,911,365.90	597,774.42	36.2526281	-107.5017245
Last SDI Curve MWD Survey									
5,995.00	85.29	288.86	5,575.83	913.84	-575.74	1,911,377.53	597,739.55	36.2526604	-107.5018427
First SDI Lateral MWD Survey									
6,043.00	88.91	286.28	5,578.26	928.30	-621.43	1,911,391.84	597,693.81	36.2527001	-107.5019977
7" Casing @ 6043' MD									
6,066.00	90.64	285.04	5,578.35	934.51	-643.58	1,911,397.97	597,671.64	36.2527172	-107.5020728
6,144.00	91.01	290.41	5,577.23	958.25	-717.84	1,911,421.45	597,597.30	36.2527824	-107.5023246
6,204.00	90.84	290.67	5,576.26	979.29	-774.02	1,911,442.31	597,541.05	36.2528402	-107.5025152
6,265.00	91.55	290.55	5,574.99	1,000.76	-831.10	1,911,463.58	597,483.89	36.2528992	-107.5027088
6,327.00	90.87	289.58	5,573.68	1,022.03	-889.32	1,911,484.64	597,425.60	36.2529576	-107.5029062
6,388.00	90.03	289.23	5,573.20	1,042.29	-946.85	1,911,504.71	597,368.00	36.2530132	-107.5031014
6,449.00	90.44	288.64	5,572.95	1,062.09	-1,004.55	1,911,524.30	597,310.23	36.2530676	-107.5032970
6,509.00	90.80	289.15	5,572.30	1,081.52	-1,061.32	1,911,543.54	597,253.40	36.2531210	-107.5034896
6,570.00	89.69	287.91	5,572.04	1,100.90	-1,119.15	1,911,562.72	597,195.50	36.2531742	-107.5036857
6,631.00	90.77	288.24	5,571.79	1,119.83	-1,177.14	1,911,581.45	597,137.45	36.2532262	-107.5038824
6,691.00	91.01	287.66	5,570.86	1,138.32	-1,234.21	1,911,599.74	597,080.31	36.2532770	-107.5040760
6,752.00	91.31	287.72	5,569.63	1,156.85	-1,292.31	1,911,618.07	597,022.14	36.2533279	-107.5042730
6,813.00	91.31	288.23	5,568.23	1,175.67	-1,350.32	1,911,636.69	596,964.07	36.2533796	-107.5044698
6,874.00	90.77	288.43	5,567.12	1,194.85	-1,408.22	1,911,655.68	596,906.11	36.2534323	-107.5046661
6,935.00	91.07	288.60	5,566.14	1,214.22	-1,466.05	1,911,674.84	596,848.21	36.2534855	-107.5048623
6,998.00	90.67	288.28	5,565.19	1,234.14	-1,525.81	1,911,694.56	596,788.38	36.2535402	-107.5050650
7,061.00	90.40	289.05	5,564.60	1,254.30	-1,585.49	1,911,714.52	596,728.63	36.2535956	-107.5052674
7,124.00	90.34	288.43	5,564.19	1,274.54	-1,645.15	1,911,734.55	596,668.90	36.2536512	-107.5054697
7,188.00	90.20	288.30	5,563.89	1,294.71	-1,705.89	1,911,754.51	596,608.09	36.2537065	-107.5056757
7,251.00	90.10	287.84	5,563.73	1,314.25	-1,765.78	1,911,773.84	596,548.13	36.2537602	-107.5058789
7,314.00	90.30	287.37	5,563.51	1,333.30	-1,825.83	1,911,792.69	596,488.02	36.2538126	-107.5060825
7,378.00	90.44	286.68	5,563.09	1,352.04	-1,887.03	1,911,811.22	596,426.76	36.2538640	-107.5062901
7,441.00	90.49	286.39	5,562.58	1,369.97	-1,947.42	1,911,828.94	596,366.31	36.2539133	-107.5064949
7,504.00	90.75	286.15	5,561.90	1,387.62	-2,007.89	1,911,846.38	596,305.77	36.2539617	-107.5067000
7,567.00	90.40	285.45	5,561.27	1,404.77	-2,068.51	1,911,863.32	596,245.10	36.2540088	-107.5069056
7,631.00	90.47	284.87	5,560.78	1,421.51	-2,130.28	1,911,879.85	596,183.27	36.2540548	-107.5071151
7,695.00	90.10	285.10	5,560.46	1,438.06	-2,192.10	1,911,896.18	596,121.39	36.2541003	-107.5073248
7,758.00	90.54	284.94	5,560.11	1,454.38	-2,252.95	1,911,912.30	596,060.49	36.2541451	-107.5075312
7,821.00	90.84	285.92	5,559.35	1,471.14	-2,313.67	1,911,928.85	595,999.71	36.2541911	-107.5077371
7,885.00	90.54	286.04	5,558.58	1,488.76	-2,375.20	1,911,946.26	595,938.13	36.2542395	-107.5079458
7,948.00	90.17	286.57	5,558.19	1,506.45	-2,435.66	1,911,963.74	595,877.60	36.2542881	-107.5081509
8,012.00	90.31	287.56	5,557.92	1,525.23	-2,496.84	1,911,982.31	595,816.36	36.2543397	-107.5083584
8,076.00	90.10	289.48	5,557.69	1,545.56	-2,557.52	1,912,002.43	595,755.60	36.2543955	-107.5085642
8,139.00	90.10	289.36	5,557.58	1,566.50	-2,616.94	1,912,023.17	595,696.12	36.2544530	-107.5087657
8,202.00	90.34	288.91	5,557.34	1,587.15	-2,676.46	1,912,043.61	595,636.53	36.2545097	-107.5089676
8,266.00	90.13	289.35	5,557.08	1,608.13	-2,736.92	1,912,064.38	595,575.99	36.2545673	-107.5091727
8,330.00	90.48	290.28	5,556.74	1,629.82	-2,797.13	1,912,085.87	595,515.71	36.2546269	-107.5093769
8,393.00	90.98	289.96	5,555.94	1,651.49	-2,856.28	1,912,107.33	595,456.48	36.2546864	-107.5095775
8,457.00	91.21	289.54	5,554.71	1,673.11	-2,916.51	1,912,128.75	595,396.18	36.2547458	-107.5097818
8,520.00	91.01	289.08	5,553.49	1,693.94	-2,975.95	1,912,149.37	595,336.67	36.2548030	-107.5099834
8,583.00	90.37	289.26	5,552.73	1,714.63	-3,035.45	1,912,169.85	595,277.10	36.2548598	-107.5101852
8,647.00	90.57	288.99	5,552.21	1,735.60	-3,095.92	1,912,190.61	595,216.56	36.2549174	-107.5103903
8,711.00	91.01	288.57	5,551.33	1,756.20	-3,156.51	1,912,211.00	595,155.90	36.2549740	-107.5105958
8,775.00	90.60	288.24	5,550.43	1,776.40	-3,217.23	1,912,231.00	595,095.11	36.2550295	-107.5108017
8,838.00	90.40	289.96	5,549.88	1,797.02	-3,276.75	1,912,251.41	595,035.51	36.2550861	-107.5110036
8,902.00	91.28	289.88	5,548.94	1,818.82	-3,336.92	1,912,273.00	594,975.28	36.2551459	-107.5112077
8,966.00	91.21	289.77	5,547.55	1,840.52	-3,397.11	1,912,294.50	594,915.01	36.2552055	-107.5114119
9,029.00	91.65	289.70	5,545.98	1,861.79	-3,456.39	1,912,315.56	594,855.65	36.2552639	-107.5116129
9,092.00	91.65	289.05	5,544.16	1,882.68	-3,515.80	1,912,336.25	594,796.18	36.2553213	-107.5118144

Company:	WPX Energy	Local Co-ordinate Reference:	Well NE Chaco Com #265H
Project:	T23N R6W	TVD Reference:	KB @ 6844.00usft (Original Well Elev)
Site:	Chaco 2306-05L	MD Reference:	KB @ 6844.00usft (Original Well Elev)
Well:	NE Chaco Com #265H	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
9,156.00	90.10	287.96	5,543.19	1,902.99	-3,576.48	1,912,356.35	594,735.42	36.2553771	-107.5120202
9,220.00	91.14	287.98	5,542.49	1,922.73	-3,637.35	1,912,375.88	594,674.48	36.2554313	-107.5122267
9,283.00	91.54	287.64	5,541.02	1,941.99	-3,697.32	1,912,394.94	594,614.45	36.2554842	-107.5124301
9,346.00	90.54	288.66	5,539.88	1,961.62	-3,757.17	1,912,414.35	594,554.53	36.2555381	-107.5126331
9,410.00	90.67	288.36	5,539.20	1,981.93	-3,817.86	1,912,434.46	594,493.78	36.2555939	-107.5128389
9,473.00	90.81	287.91	5,538.39	2,001.54	-3,877.72	1,912,453.86	594,433.84	36.2556477	-107.5130420
9,537.00	90.84	287.54	5,537.47	2,021.02	-3,938.68	1,912,473.14	594,372.82	36.2557012	-107.5132487
9,600.00	90.10	287.08	5,536.95	2,039.77	-3,998.82	1,912,491.67	594,312.61	36.2557527	-107.5134527
9,664.00	91.01	288.35	5,536.33	2,059.24	-4,059.78	1,912,510.94	594,251.59	36.2558062	-107.5136595
9,727.00	90.94	287.62	5,535.26	2,078.69	-4,119.69	1,912,530.18	594,191.61	36.2558596	-107.5138627
9,790.00	92.15	288.11	5,533.56	2,098.01	-4,179.63	1,912,549.29	594,131.60	36.2559126	-107.5140660
9,854.00	92.19	289.17	5,531.14	2,118.45	-4,240.23	1,912,569.52	594,070.93	36.2559687	-107.5142716
9,917.00	92.62	288.82	5,528.49	2,138.94	-4,299.75	1,912,589.81	594,011.35	36.2560250	-107.5144734
9,981.00	91.98	289.51	5,525.92	2,159.93	-4,360.15	1,912,610.59	593,950.87	36.2560826	-107.5146783
10,044.00	91.61	289.72	5,523.95	2,181.07	-4,419.47	1,912,631.53	593,891.48	36.2561407	-107.5148795
10,107.00	91.04	289.42	5,522.49	2,202.16	-4,478.81	1,912,652.42	593,832.07	36.2561986	-107.5150808
10,160.00	90.32	289.38	5,521.86	2,219.77	-4,528.80	1,912,669.85	593,782.02	36.2562470	-107.5152504
RSI @ 10,160' MD									
10,171.00	90.17	289.37	5,521.82	2,223.42	-4,539.17	1,912,673.46	593,771.63	36.2562570	-107.5152856
10,200.00	90.40	289.68	5,521.67	2,233.11	-4,566.51	1,912,683.06	593,744.27	36.2562836	-107.5153783
Last SDI Lateral MWD Survey									
10,264.00	90.40	289.68	5,521.23	2,254.66	-4,626.77	1,912,704.41	593,683.93	36.2563428	-107.5155827
Projection to TD									

Design Targets

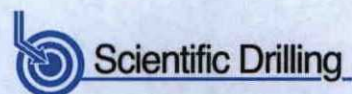
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
TD / PBHL Chaco 2306-	0.00	0.00	5,497.00	2,266.75	-4,627.18	1,912,716.49	593,683.48	36.2563760	-107.5155840
- actual wellpath misses target center by 27.08usft at 10264.00usft MD (5521.23 TVD, 2254.66 N, -4626.77 E)									
- Point									
POP Chaco 2306-05L 2L	0.00	0.00	5,574.00	911.51	-610.05	1,911,375.08	597,705.25	36.2526540	-107.5019590
- actual wellpath misses target center by 13.37usft at 6026.88usft MD (5577.78 TVD, 923.67 N, -606.00 E)									
- Point									

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
465.00	464.98	1.64	-2.32	First SDI Surface MWD Survey
4,916.00	4,858.27	670.11	45.26	Last SDI Surface MWD Survey
4,947.00	4,889.26	670.31	44.47	First SDI Curve MWD Survey
5,958.00	5,571.69	902.08	-540.91	Last SDI Curve MWD Survey
5,995.00	5,575.83	913.84	-575.74	First SDI Lateral MWD Survey
6,043.00	5,578.26	928.30	-621.43	7" Casing @ 6043' MD
10,160.00	5,521.86	2,219.77	-4,528.80	RSI @ 10,160' MD
10,200.00	5,521.67	2,233.11	-4,566.51	Last SDI Lateral MWD Survey
10,264.00	5,521.23	2,254.66	-4,626.77	Projection to TD



Survey Report - Geographic



Company:	WPX Energy	Local Co-ordinate Reference:	Well NE Chaco Com #265H
Project:	T23N R6W	TVD Reference:	KB @ 6844.00usft (Original Well Elev)
Site:	Chaco 2306-05L	MD Reference:	KB @ 6844.00usft (Original Well Elev)
Well:	NE Chaco Com #265H	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Grand Junction District

Checked By: _____ Approved By: _____ Date: _____