

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

*API Number 30-045-35607	*Pool Code 47540 / 97232	*Pool Name NAGEEZI GALLUP / BASIN MANCOS
*Property Code 313898	*Property Name CHACO 2308-04L	*Well Number 284H
*OGRID No. 120782	*Operator Name WPX ENERGY PRODUCTION, LLC	*Elevation 6870

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	4	23N	8W		2431	SOUTH	383	WEST	SAN JUAN

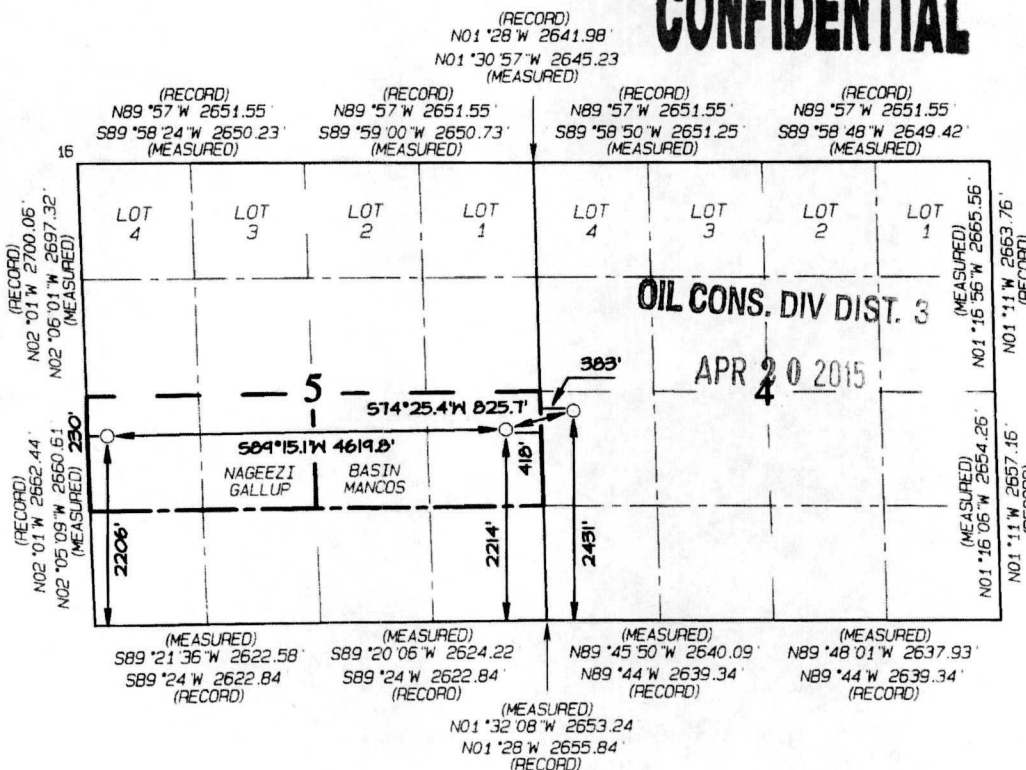
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	5	23N	8W		2206	SOUTH	230	WEST	SAN JUAN

¹² Dedicated Acres 160.0 Acres N/2 S/2 - Section 5	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. NSL-7259-0 / PLC-415-0 / NSP-2024-0 / DHC-4747-0
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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

CONFIDENTIAL



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 previously entered by the Division.
Signature: *[Signature]* Date: 4/20/15
Printed Name: Marie E. 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: MARCH 16, 2015
Date of Survey: MAY 12, 2014
Signature and Seal of Professional Surveyor



JASON C. EDWARDS
Certificate Number 15269

END-OF-LATERAL
2206' FSL 230' FWL
SECTION 5, T23N, R8W
LAT: 36.254946°N
LONG: 107.712433°W
DATUM: NAD1927
LAT: 36.254959°N
LONG: 107.713046°W
DATUM: NAD1983

RSI TOOL
2211' FSL 338' FWL
SECTION 5, T23N, R8W
LAT: 36.254962°N
LONG: 107.712068°W
DATUM: NAD1927
LAT: 36.254975°N
LONG: 107.712680°W
DATUM: NAD1983

POINT-OF-ENTRY
2214' FSL 418' FEL
SECTION 5, T23N, R8W
LAT: 36.255095°N
LONG: 107.696766°W
DATUM: NAD1927
LAT: 36.255107°N
LONG: 107.697378°W
DATUM: NAD1983

SURFACE LOCATION
2431' FSL 383' FWL
SECTION 4, T23N, R8W
LAT: 36.255696°N
LONG: 107.694067°W
DATUM: NAD1927
LAT: 36.255708°N
LONG: 107.694679°W
DATUM: NAD1983

FW

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Company:	WPX Energy	Local Co-ordinate Reference:	Well Chaco 2308-04L #284H - Slot A3
Project:	T23N R8W	TVD Reference:	KB @ 6893.01ft (AD 1000)
Site:	Chaco 2308-04L	MD Reference:	KB @ 6893.01ft (AD 1000)
Well:	Chaco 2308-04L #284H	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Grand Junction District

Project	T23N R8W		
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		

CONFIDENTIAL

Site	Chaco 2308-04L		
Site Position:		Northing:	1,912,345.31 usft
From:	Lat/Long	Easting:	541,082.86 usft
Position Uncertainty:	0.00 ft	Slot Radius:	13.200 in
		Latitude:	36.2556972
		Longitude:	-107.6939923
		Grid Convergence:	0.08 °

Well	Chaco 2308-04L #284H - Slot A3		
Well Position	+N/-S	0.00 ft	Northing: 1,912,344.77 usft
	+E/-W	0.00 ft	Easting: 541,060.83 usft
Position Uncertainty	0.00 ft	Wellhead Elevation:	0.00 ft
		Latitude:	36.2556958
		Longitude:	-107.6940670
		Ground Level:	6,868.01 ft

Wellbore	Wellbore #1		
Magnetics	Model Name	Sample Date	Declination (°)
	BGGM2014	2/23/2015	9.45
		Dip Angle (°)	62.98
		Field Strength (nT)	50,000

Design	Wellbore #1		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)
	0.00	0.00	0.00
		Direction (°)	269.43

Survey Program	Date 3/12/2015		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name
75.00	354.00	Survey #1 - Gyro Surveys (Wellbore #1)	GYRO-NS
354.00	4,550.00	Survey #2 - Surface MWD Surveys (Wellb	SDI MWD
4,642.00	5,725.00	Survey #3 - Curve MWD Survey (Wellbore	SDI MWD
5,796.00	10,395.00	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 (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
0.00	0.00	0.00	0.00	0.00	0.00	1,912,344.77	541,060.83	36.2556958	-107.6940670
75.00	0.29	335.61	75.00	0.17	-0.08	1,912,344.94	541,060.75	36.2556963	-107.6940673
First Native Navigation Gyro Survey									
125.00	0.55	124.13	125.00	0.15	0.07	1,912,344.92	541,060.90	36.2556962	-107.6940668
175.00	0.56	145.66	175.00	-0.18	0.40	1,912,344.59	541,061.24	36.2556953	-107.6940657
225.00	0.60	188.44	224.99	-0.64	0.50	1,912,344.13	541,061.34	36.2556940	-107.6940653
275.00	0.63	191.01	274.99	-1.17	0.41	1,912,343.60	541,061.25	36.2556926	-107.6940656
325.00	0.74	199.44	324.99	-1.75	0.25	1,912,343.02	541,061.09	36.2556910	-107.6940662

Company:	WPX Energy	Local Co-ordinate Reference:	Well Chaco 2308-04L #284H - Slot A3
Project:	T23N R8W	TVD Reference:	KB @ 6893.01ft (AD 1000)
Site:	Chaco 2308-04L	MD Reference:	KB @ 6893.01ft (AD 1000)
Well:	Chaco 2308-04L #284H	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Grand Junction District

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
354.00	1.05	195.21	353.98	-2.18	0.12	1,912,342.59	541,060.96	36.2556898	-107.6940666
Last Native Navigation Gyro Survey									
541.00	1.59	196.10	540.94	-6.33	-1.05	1,912,338.44	541,059.79	36.2556784	-107.6940706
First SDI Surface MWD Survey									
632.00	2.34	206.57	631.88	-9.20	-2.23	1,912,335.57	541,058.62	36.2556705	-107.6940746
723.00	2.58	188.81	722.80	-12.89	-3.37	1,912,331.88	541,057.48	36.2556604	-107.6940785
814.00	3.05	188.01	813.69	-17.31	-4.02	1,912,327.46	541,056.83	36.2556482	-107.6940807
905.00	3.31	186.89	904.55	-22.31	-4.68	1,912,322.45	541,056.19	36.2556345	-107.6940829
997.00	3.10	194.50	996.40	-27.36	-5.62	1,912,317.41	541,055.25	36.2556206	-107.6940861
1,088.00	3.23	196.40	1,087.27	-32.20	-6.96	1,912,312.56	541,053.92	36.2556073	-107.6940906
1,179.00	3.29	194.91	1,178.12	-37.18	-8.35	1,912,307.58	541,052.53	36.2555936	-107.6940954
1,270.00	2.72	207.48	1,268.99	-41.62	-10.02	1,912,303.14	541,050.87	36.2555814	-107.6941010
1,361.00	2.81	207.69	1,359.89	-45.51	-12.06	1,912,299.24	541,048.84	36.2555707	-107.6941079
1,452.00	2.71	173.27	1,450.79	-49.62	-12.84	1,912,295.13	541,048.06	36.2555595	-107.6941106
1,544.00	2.76	167.85	1,542.68	-53.95	-12.12	1,912,290.80	541,048.79	36.2555476	-107.6941081
1,634.00	3.14	185.84	1,632.57	-58.52	-11.91	1,912,286.23	541,049.00	36.2555350	-107.6941074
1,725.00	3.22	182.67	1,723.43	-63.55	-12.29	1,912,281.20	541,048.64	36.2555212	-107.6941087
1,817.00	2.99	180.19	1,815.29	-68.53	-12.41	1,912,276.22	541,048.52	36.2555075	-107.6941091
1,908.00	3.14	196.74	1,906.16	-73.29	-13.14	1,912,271.46	541,047.80	36.2554944	-107.6941116
2,000.00	3.09	194.90	1,998.03	-78.10	-14.50	1,912,266.65	541,046.44	36.2554812	-107.6941162
2,091.00	2.92	202.14	2,088.90	-82.62	-16.01	1,912,262.13	541,044.94	36.2554688	-107.6941213
2,182.00	2.87	198.56	2,179.79	-86.93	-17.61	1,912,257.82	541,043.35	36.2554570	-107.6941268
2,274.00	2.88	197.12	2,271.67	-91.32	-19.02	1,912,253.43	541,041.94	36.2554449	-107.6941316
2,366.00	2.91	194.91	2,363.55	-95.78	-20.30	1,912,248.96	541,040.67	36.2554326	-107.6941359
2,456.00	2.71	192.04	2,453.44	-100.07	-21.33	1,912,244.67	541,039.64	36.2554209	-107.6941394
2,547.00	3.67	201.40	2,544.30	-104.89	-22.84	1,912,239.85	541,038.14	36.2554076	-107.6941445
2,638.00	3.82	202.79	2,635.11	-110.39	-25.08	1,912,234.34	541,035.91	36.2553925	-107.6941521
2,729.00	3.55	203.38	2,725.92	-115.77	-27.37	1,912,228.96	541,033.63	36.2553777	-107.6941599
2,819.00	3.34	199.29	2,815.76	-120.81	-29.35	1,912,223.92	541,031.66	36.2553639	-107.6941666
2,910.00	3.44	198.04	2,906.60	-125.90	-31.07	1,912,218.82	541,029.95	36.2553499	-107.6941724
3,001.00	3.26	195.87	2,997.44	-130.99	-32.62	1,912,213.74	541,028.40	36.2553359	-107.6941777
3,092.00	3.18	194.07	3,088.30	-135.93	-33.94	1,912,208.80	541,027.09	36.2553224	-107.6941822
3,185.00	3.00	192.51	3,181.16	-140.80	-35.09	1,912,203.92	541,025.94	36.2553090	-107.6941861
3,276.00	2.72	189.92	3,272.05	-145.26	-35.98	1,912,199.46	541,025.06	36.2552967	-107.6941891
3,367.00	3.14	190.26	3,362.93	-149.84	-36.80	1,912,194.88	541,024.25	36.2552842	-107.6941919
3,458.00	3.28	184.80	3,453.79	-154.88	-37.46	1,912,189.84	541,023.59	36.2552703	-107.6941941
3,549.00	3.62	184.15	3,544.62	-160.34	-37.89	1,912,184.38	541,023.18	36.2552553	-107.6941955
3,640.00	3.05	187.55	3,635.47	-165.61	-38.41	1,912,179.11	541,022.66	36.2552408	-107.6941973
3,731.00	3.03	187.79	3,726.34	-170.39	-39.06	1,912,174.33	541,022.02	36.2552277	-107.6941995
3,822.00	3.17	187.54	3,817.21	-175.27	-39.71	1,912,169.45	541,021.37	36.2552143	-107.6942017
3,913.00	3.39	192.25	3,908.06	-180.39	-40.61	1,912,164.32	541,020.48	36.2552002	-107.6942048
4,004.00	3.18	191.80	3,998.91	-185.49	-41.70	1,912,159.22	541,019.40	36.2551862	-107.6942085
4,095.00	3.22	192.23	4,089.77	-190.46	-42.76	1,912,154.25	541,018.35	36.2551726	-107.6942121
4,186.00	3.24	192.62	4,180.62	-195.47	-43.86	1,912,149.24	541,017.25	36.2551588	-107.6942158
4,277.00	2.82	191.96	4,271.50	-200.17	-44.89	1,912,144.54	541,016.23	36.2551459	-107.6942193
4,368.00	2.66	191.22	4,362.39	-204.43	-45.76	1,912,140.28	541,015.36	36.2551342	-107.6942222
4,459.00	0.95	201.23	4,453.34	-207.20	-46.45	1,912,137.50	541,014.68	36.2551266	-107.6942246
4,550.00	0.45	223.79	4,544.34	-208.16	-46.97	1,912,136.54	541,014.17	36.2551239	-107.6942263
4,550.01	0.45	223.79	4,544.35	-208.16	-46.97	1,912,136.54	541,014.17	36.2551239	-107.6942263
Last SDI Surface MWD Survey									
4,642.00	0.53	253.16	4,636.33	-208.55	-47.62	1,912,136.16	541,013.51	36.2551229	-107.6942286
First SDI Curve MWD Survey									
4,687.00	5.00	280.18	4,681.27	-208.26	-49.75	1,912,136.44	541,011.38	36.2551237	-107.6942358
4,733.00	9.64	279.25	4,726.88	-207.29	-55.53	1,912,137.41	541,005.60	36.2551263	-107.6942554

Company:	WPX Energy	Local Co-ordinate Reference:	Well Chaco 2308-04L #284H - Slot A3
Project:	T23N R8W	TVD Reference:	KB @ 6893.01ft (AD 1000)
Site:	Chaco 2308-04L	MD Reference:	KB @ 6893.01ft (AD 1000)
Well:	Chaco 2308-04L #284H	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Grand Junction District

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
4,779.00	14.57	275.65	4,771.85	-206.10	-65.10	1,912,138.58	540,996.03	36.2551296	-107.6942878
4,824.00	18.39	275.51	4,814.99	-204.86	-77.80	1,912,139.80	540,983.33	36.2551330	-107.6943309
4,870.00	23.14	273.30	4,857.99	-203.64	-94.06	1,912,141.00	540,967.07	36.2551364	-107.6943860
4,915.00	26.20	271.96	4,898.88	-202.79	-112.82	1,912,141.82	540,948.31	36.2551387	-107.6944497
4,961.00	28.33	270.45	4,939.77	-202.36	-133.88	1,912,142.22	540,927.24	36.2551399	-107.6945211
5,006.00	32.13	267.56	4,978.64	-202.78	-156.52	1,912,141.76	540,904.60	36.2551387	-107.6945979
5,052.00	35.19	265.45	5,016.93	-204.36	-181.96	1,912,140.15	540,879.16	36.2551344	-107.6946842
5,097.00	37.56	265.77	5,053.16	-206.40	-208.57	1,912,138.08	540,852.56	36.2551288	-107.6947745
5,143.00	40.71	267.03	5,088.83	-208.21	-237.54	1,912,136.22	540,823.59	36.2551238	-107.6948727
5,189.00	43.93	269.02	5,122.84	-209.26	-268.49	1,912,135.13	540,792.64	36.2551209	-107.6949777
5,234.00	48.51	268.57	5,153.97	-209.95	-300.96	1,912,134.39	540,760.17	36.2551190	-107.6950878
5,280.00	52.51	270.27	5,183.22	-210.29	-336.45	1,912,134.00	540,724.68	36.2551181	-107.6952082
5,325.00	58.06	270.71	5,208.83	-209.97	-373.43	1,912,134.26	540,687.71	36.2551190	-107.6953336
5,371.00	61.44	269.32	5,232.00	-209.97	-413.15	1,912,134.21	540,647.98	36.2551190	-107.6954683
5,416.00	62.54	269.60	5,253.14	-210.34	-452.88	1,912,133.78	540,608.25	36.2551179	-107.6956031
5,462.00	67.53	269.18	5,272.55	-210.79	-494.57	1,912,133.27	540,566.57	36.2551167	-107.6957445
5,507.00	72.11	268.14	5,288.07	-211.78	-536.78	1,912,132.22	540,524.36	36.2551140	-107.6958876
5,553.00	72.95	267.10	5,301.88	-213.61	-580.62	1,912,130.33	540,480.52	36.2551090	-107.6960363
5,599.00	76.19	267.55	5,314.11	-215.67	-624.91	1,912,128.20	540,436.24	36.2551033	-107.6961865
5,644.00	78.04	268.46	5,324.15	-217.20	-668.75	1,912,126.61	540,392.40	36.2550991	-107.6963352
5,690.00	81.70	270.09	5,332.24	-217.77	-714.02	1,912,125.98	540,347.13	36.2550975	-107.6964887
5,725.00	86.04	268.66	5,335.97	-218.15	-748.80	1,912,125.55	540,312.34	36.2550965	-107.6966067
Last SDI Curve MWD Survey									
5,772.00	87.62	269.79	5,338.58	-218.79	-795.73	1,912,124.84	540,265.42	36.2550947	-107.6967659
7" Casing @ 5772' - 36.2550947, -107.6967659									
5,796.00	88.42	270.36	5,339.41	-218.75	-819.71	1,912,124.84	540,241.44	36.2550948	-107.6968472
First SDI Lateral MWD Survey									
5,857.00	88.56	270.42	5,341.01	-218.34	-880.69	1,912,125.17	540,180.46	36.2550959	-107.6970540
5,948.00	89.87	270.18	5,342.26	-217.86	-971.68	1,912,125.51	540,089.47	36.2550972	-107.6973626
6,040.00	89.66	269.93	5,342.64	-217.77	-1,063.68	1,912,125.47	539,997.47	36.2550975	-107.6976747
6,131.00	91.31	269.79	5,341.87	-218.00	-1,154.67	1,912,125.11	539,906.48	36.2550968	-107.6979833
6,223.00	89.97	268.62	5,340.84	-219.27	-1,246.65	1,912,123.71	539,814.50	36.2550933	-107.6982953
6,314.00	91.48	268.91	5,339.69	-221.23	-1,337.62	1,912,121.61	539,723.53	36.2550879	-107.6986038
6,406.00	90.84	269.24	5,337.83	-222.72	-1,429.59	1,912,120.00	539,631.57	36.2550838	-107.6989157
6,496.00	91.38	269.71	5,336.08	-223.54	-1,519.57	1,912,119.04	539,541.59	36.2550816	-107.6992209
6,588.00	91.61	269.96	5,333.68	-223.81	-1,611.54	1,912,118.65	539,449.62	36.2550808	-107.6995328
6,679.00	91.01	269.32	5,331.60	-224.38	-1,702.51	1,912,117.94	539,358.65	36.2550792	-107.6998414
6,770.00	90.40	269.42	5,330.48	-225.38	-1,793.50	1,912,116.81	539,267.67	36.2550765	-107.7001500
6,860.00	92.42	269.25	5,328.27	-226.43	-1,883.46	1,912,115.64	539,177.71	36.2550736	-107.7004551
6,951.00	91.24	269.54	5,325.36	-227.39	-1,974.40	1,912,114.55	539,086.76	36.2550709	-107.7007636
7,042.00	91.14	270.18	5,323.47	-227.61	-2,065.38	1,912,114.19	538,995.78	36.2550703	-107.7010721
7,133.00	91.35	270.07	5,321.49	-227.41	-2,156.36	1,912,114.26	538,904.80	36.2550708	-107.7013807
7,225.00	91.14	270.40	5,319.50	-227.03	-2,248.34	1,912,114.51	538,812.83	36.2550718	-107.7016927
7,316.00	91.34	270.67	5,317.53	-226.18	-2,339.31	1,912,115.23	538,721.85	36.2550742	-107.7020012
7,407.00	91.41	270.36	5,315.34	-225.36	-2,430.28	1,912,115.91	538,630.88	36.2550764	-107.7023098
7,498.00	91.65	270.73	5,312.91	-224.50	-2,521.25	1,912,116.65	538,539.91	36.2550787	-107.7026183
7,589.00	90.60	269.95	5,311.13	-223.96	-2,612.23	1,912,117.06	538,448.94	36.2550802	-107.7029269
7,680.00	90.67	270.18	5,310.12	-223.86	-2,703.22	1,912,117.03	538,357.94	36.2550805	-107.7032355
7,771.00	91.75	270.12	5,308.20	-223.62	-2,794.20	1,912,117.14	538,266.96	36.2550811	-107.7035440
7,862.00	91.75	270.84	5,305.42	-222.86	-2,885.15	1,912,117.77	538,176.01	36.2550832	-107.7038525
7,953.00	92.05	270.78	5,302.40	-221.57	-2,976.09	1,912,118.92	538,085.07	36.2550867	-107.7041610
8,045.00	92.45	270.14	5,298.79	-220.83	-3,068.02	1,912,119.53	537,993.14	36.2550887	-107.7044727
8,136.00	92.62	269.14	5,294.76	-221.40	-3,158.93	1,912,118.83	537,902.23	36.2550871	-107.7047811
8,227.00	92.49	268.33	5,290.71	-223.41	-3,249.81	1,912,116.69	537,811.35	36.2550815	-107.7050893
8,318.00	93.60	268.11	5,285.87	-226.23	-3,340.64	1,912,113.74	537,720.53	36.2550737	-107.7053974

Company:	WPX Energy	Local Co-ordinate Reference:	Well Chaco 2308-04L #284H - Slot A3
Project:	T23N R8W	TVD Reference:	KB @ 6893.01ft (AD 1000)
Site:	Chaco 2308-04L	MD Reference:	KB @ 6893.01ft (AD 1000)
Well:	Chaco 2308-04L #284H	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Grand Junction District

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
8,409.00	93.16	267.47	5,280.51	-229.74	-3,431.41	1,912,110.10	537,629.76	36.2550641	-107.7057053
8,500.00	93.56	267.25	5,275.17	-233.92	-3,522.16	1,912,105.79	537,539.02	36.2550526	-107.7060130
8,591.00	93.02	266.77	5,269.95	-238.66	-3,612.89	1,912,100.92	537,448.30	36.2550395	-107.7063207
8,682.00	93.02	268.75	5,265.16	-242.21	-3,703.69	1,912,097.24	537,357.51	36.2550297	-107.7066267
8,773.00	92.72	268.25	5,260.60	-244.59	-3,794.54	1,912,094.73	537,266.66	36.2550232	-107.7069369
8,864.00	93.22	269.25	5,255.88	-246.57	-3,885.39	1,912,092.61	537,175.80	36.2550177	-107.7072450
8,955.00	92.92	269.30	5,251.01	-247.72	-3,976.26	1,912,091.33	537,084.94	36.2550145	-107.7075532
9,046.00	93.43	269.81	5,245.97	-248.43	-4,067.11	1,912,090.50	536,994.09	36.2550125	-107.7078613
9,137.00	92.68	270.66	5,241.12	-248.06	-4,157.98	1,912,090.74	536,903.22	36.2550135	-107.7081695
9,228.00	91.48	270.39	5,237.82	-247.22	-4,248.92	1,912,091.44	536,812.28	36.2550158	-107.7084779
9,319.00	91.34	270.25	5,235.58	-246.71	-4,339.89	1,912,091.82	536,721.31	36.2550171	-107.7087865
9,410.00	90.94	269.57	5,233.77	-246.86	-4,430.87	1,912,091.54	536,630.33	36.2550167	-107.7090951
9,502.00	91.11	269.19	5,232.12	-247.85	-4,522.85	1,912,090.42	536,538.35	36.2550139	-107.7094070
9,593.00	91.38	269.45	5,230.15	-248.93	-4,613.82	1,912,089.21	536,447.38	36.2550109	-107.7097156
9,684.00	90.97	268.84	5,228.28	-250.29	-4,704.79	1,912,087.72	536,356.42	36.2550071	-107.7100241
9,775.00	90.84	268.56	5,226.84	-252.35	-4,795.76	1,912,085.52	536,265.45	36.2550014	-107.7103326
9,866.00	91.34	268.84	5,225.11	-254.42	-4,886.72	1,912,083.33	536,174.50	36.2549957	-107.7106411
9,957.00	91.41	268.49	5,222.93	-256.54	-4,977.66	1,912,081.08	536,083.55	36.2549898	-107.7109496
10,048.00	91.58	268.81	5,220.55	-258.68	-5,068.61	1,912,078.80	535,992.61	36.2549839	-107.7112581
10,140.00	91.11	268.07	5,218.39	-261.19	-5,160.55	1,912,076.17	535,900.68	36.2549770	-107.7115699
10,231.00	91.41	268.10	5,216.39	-264.23	-5,251.47	1,912,073.00	535,809.75	36.2549686	-107.7118783
10,287.03	92.03	267.35	5,214.71	-266.45	-5,307.43	1,912,070.69	535,753.80	36.2549624	-107.7120681
RSI @ 10,287' MD - 36.2549625, -107.7120681									
10,322.00	92.42	266.88	5,213.35	-268.21	-5,342.33	1,912,068.88	535,718.90	36.2549576	-107.7121864
10,332.00	92.59	266.63	5,212.91	-268.77	-5,352.31	1,912,068.30	535,708.93	36.2549560	-107.7122203
Last SDI Lateral MWD Survey									
10,395.00	92.59	266.63	5,210.07	-272.47	-5,415.13	1,912,064.51	535,646.11	36.2549458	-107.7124334
Projection to TD									

Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
75.00	75.00	0.17	-0.08	First Native Navigation Gyro Survey
354.00	353.98	-2.18	0.12	Last Native Navigation Gyro Survey
541.00	540.94	-6.33	-1.05	First SDI Surface MWD Survey
4,550.01	4,544.35	-208.16	-46.97	Last SDI Surface MWD Survey
4,642.00	4,636.33	-208.55	-47.62	First SDI Curve MWD Survey
5,725.00	5,335.97	-218.15	-748.80	Last SDI Curve MWD Survey
5,772.00	5,338.58	-218.79	-795.73	7" Casing @ 5772'
5,772.00	5,338.58	-218.79	-795.73	36.2550947, -107.6967659
5,796.00	5,339.41	-218.75	-819.71	First SDI Lateral MWD Survey
10,287.03	5,214.71	-266.45	-5,307.43	RSI @ 10,287' MD
10,287.03	5,214.71	-266.45	-5,307.43	36.2549625, -107.7120681
10,332.00	5,212.91	-268.77	-5,352.31	Last SDI Lateral MWD Survey
10,395.00	5,210.07	-272.47	-5,415.13	Projection to TD

Checked By: _____	Approved By: _____	Date: _____
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Scientific Drilling

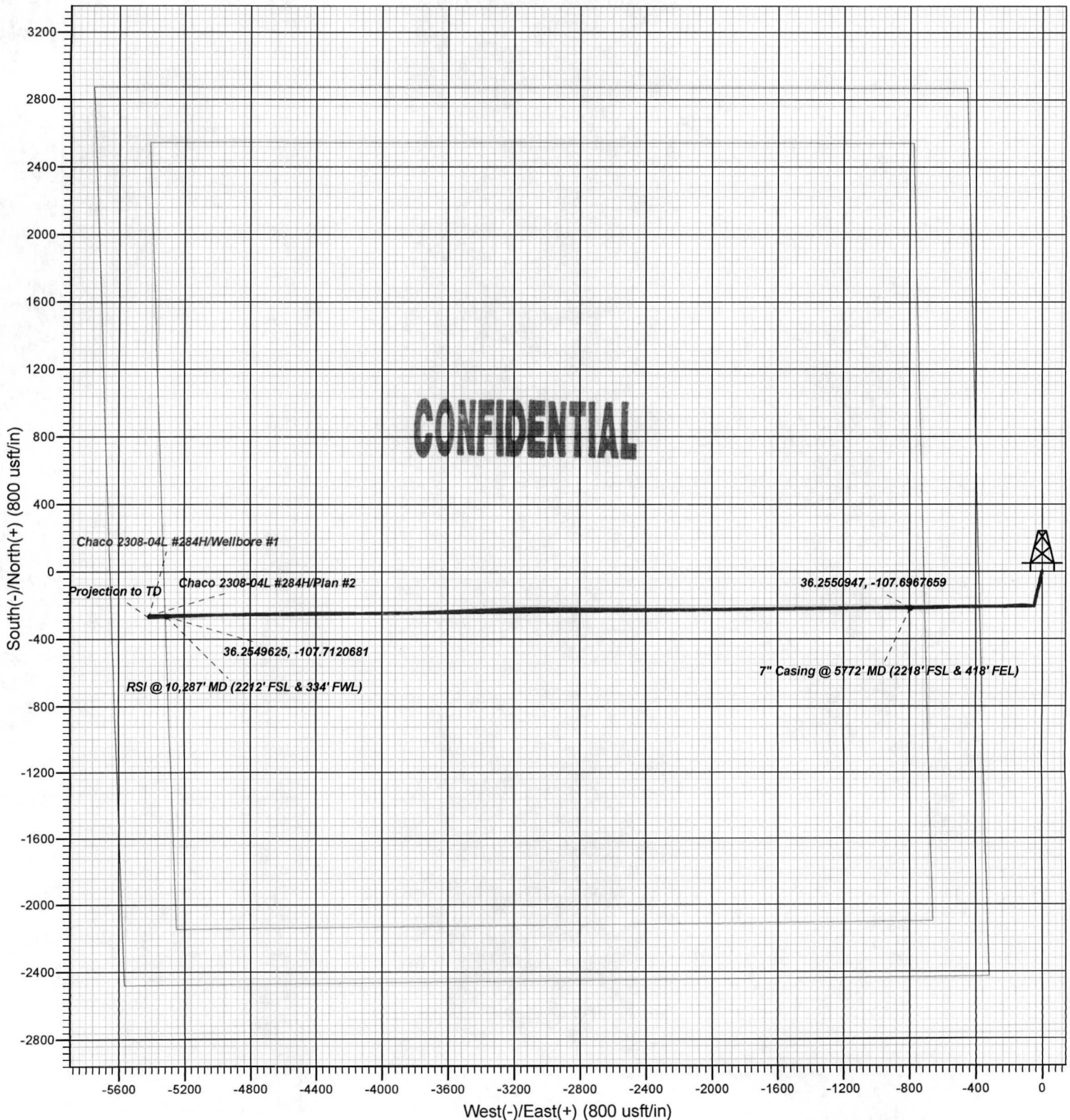
Company: WPX Energy
Project: T23N R8W
Site: Chaco 2308-04L



Well Details: Chaco 2308-04L #284H

TVD Reference: KB @ 6893.00usft (AD 1000)

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1912344.77	541060.83	36.2556958	-107.6940670	A3



Plan: Wellbore #1

11:48, March 12 2015

Created By: Janie Collins