

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 30-039-31311		*Pool Code 98181	*Pool Name MC 6 COM; MANCOS
*Property Code 315094	*Property Name MC 6 COM		*Well Number 918H
*GRID No. 120782	*Operator Name WPX ENERGY PRODUCTION, LLC		*Elevation 6806'

¹⁰ Surface Location

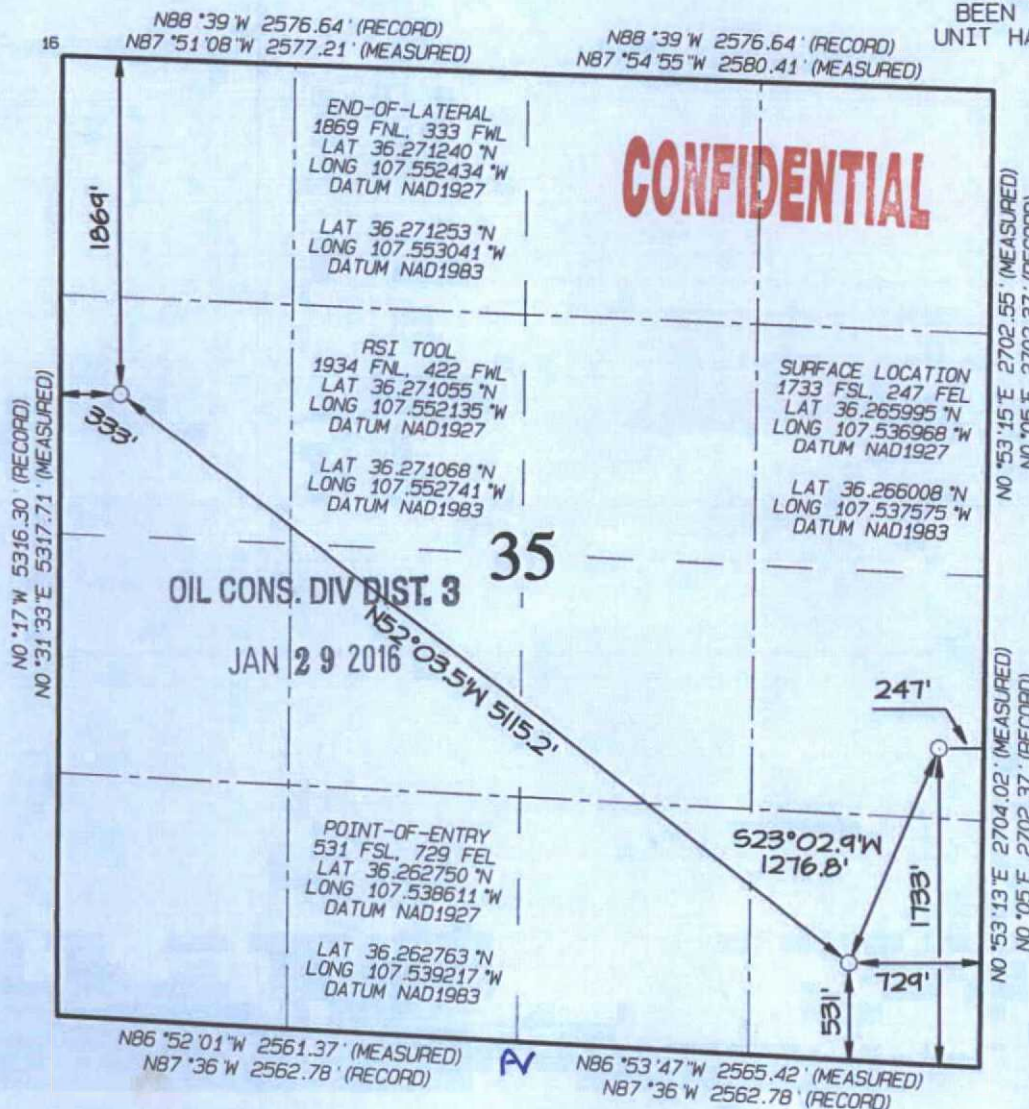
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	35	24N	7W		1733	SOUTH	247	EAST	RIO ARriba

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	35	24N	7W		1869	NORTH	333	WEST	RIO ARriba

¹² Dedicated Acres 640.0	Entire Section 35	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-14092
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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



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 E. Jaramillo 1/28/16
Date
Printed Name
marie.jaramillo@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 28, 2016
Survey Date: SEPTEMBER 3, 2013

Signature and Seal of Professional Surveyor



JASON C. EDWARDS
Certificate Number 15269



WPX Energy

T24N R7W

Chaco 2407-35I

MC 6 COM #918H - Slot A2

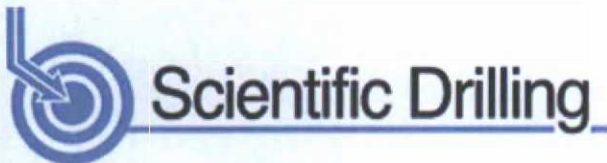
Wellbore #1

Design: Wellbore #1

Survey Report - Geographic

28 December, 2015

CONFIDENTIAL



www.scientificdrilling.com

Company:	WPX Energy	Local Co-ordinate Reference:	Well MC 6 COM #918H - Slot A2
Project:	T24N R7W	TVD Reference:	KB @ 6831.00usft (Aztec 1000)
Site:	Chaco 2407-351	MD Reference:	KB @ 6831.00usft (Aztec 1000)
Well:	MC 6 COM #918H	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Grand Junction District

OIL CONS. DIV DIST. 3

Project	T24N R7W		
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		

JAN 29 2016

CONFIDENTIAL

Site	Chaco 2407-351		
Site Position:		Northing:	1,916,198.41 usft
From:	Lat/Long	Easting:	587,389.82 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13.20 in
		Latitude:	36.2659960
		Longitude:	-107.5368940
		Grid Convergence:	0.18 °

Well	MC 6 COM #918H - Slot A2		
Well Position	+N/-S	0.00 usft	Northing:
	+E/-W	0.00 usft	Easting:
Position Uncertainty	0.00 usft	Wellhead Elevation:	0.00 usft
		Latitude:	36.2659950
		Longitude:	-107.5369680
		Ground Level:	6,806.00 usft

Wellbore	Wellbore #1		
Magnetics	Model Name	Sample Date	Declination
			(°)
	HDGM	12/12/2015	9.00
			Dip Angle
			(°)
			Field Strength
			(nT)
			49,810

Design	Wellbore #1		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(usft)	(usft)	(usft)
	0.00	0.00	0.00
			Direction
			(°)
			292.73

Survey Program	Date 12/28/2015		
From	To	Survey (Wellbore)	Tool Name
(usft)	(usft)		
55.00	326.00	Survey #1 (Wellbore #1)	NS-GYRO-MS
451.00	5,135.00	Survey #2 - Surface MWD Survey (Wellbo	SDI MWD
5,180.00	6,318.00	Survey #3 - Curve MWD Survey (Wellbore	SDI MWD
6,408.00	11,325.00	Survey #4 - Lateral MWD Survey (Wellbor	SDI MWD
			Description
			North sensing gyrocompassing m/s
			SDI MWD - Standard ver 1.0.1
			SDI MWD - Standard ver 1.0.1
			SDI MWD - Standard ver 1.0.1

Survey									
Measured	Inclination	Azimuth	Vertical	+N/-S	+E/-W	Map	Map	Latitude	Longitude
Depth	(°)	(°)	Depth	(usft)	(usft)	Northing	Easting		
(usft)			(usft)			(usft)	(usft)		
0.00	0.00	0.00	0.00	0.00	0.00	1,916,197.98	587,368.01	36.2659950	-107.5369680
55.00	0.23	286.14	55.00	0.03	-0.11	1,916,198.01	587,367.90	36.2659951	-107.5369684
85.00	0.20	274.21	85.00	0.05	-0.22	1,916,198.03	587,367.79	36.2659951	-107.5369688
115.00	0.06	189.17	115.00	0.04	-0.27	1,916,198.02	587,367.74	36.2659951	-107.5369690
145.00	0.22	264.13	145.00	0.02	-0.33	1,916,198.00	587,367.68	36.2659950	-107.5369692
175.00	0.07	337.76	175.00	0.03	-0.39	1,916,198.01	587,367.62	36.2659951	-107.5369694
205.00	0.32	35.53	205.00	0.11	-0.35	1,916,198.09	587,367.66	36.2659953	-107.5369692
235.00	0.34	37.58	235.00	0.25	-0.25	1,916,198.23	587,367.76	36.2659957	-107.5369689
265.00	0.42	18.30	265.00	0.43	-0.16	1,916,198.41	587,367.85	36.2659962	-107.5369686

Company:	WPX Energy	Local Co-ordinate Reference:	Well MC 6 COM #918H - Slot A2
Project:	T24N R7W	TVD Reference:	KB @ 6831.00usft (Aztec 1000)
Site:	Chaco 2407-35I	MD Reference:	KB @ 6831.00usft (Aztec 1000)
Well:	MC 6 COM #918H	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
295.00	0.67	19.32	295.00	0.70	-0.07	1,916,198.68	587,367.94	36.2659969	-107.5369683
326.00	0.64	41.85	325.99	1.00	0.11	1,916,198.98	587,368.11	36.2659977	-107.5369677
451.00	0.93	42.68	450.98	2.26	1.26	1,916,200.25	587,369.26	36.2660012	-107.5369638
First SDI Surface MWD Survey									
542.00	0.99	39.63	541.97	3.41	2.26	1,916,201.40	587,370.26	36.2660043	-107.5369604
633.00	0.67	138.73	632.96	3.62	3.11	1,916,201.61	587,371.11	36.2660049	-107.5369575
724.00	2.46	180.81	723.93	1.26	3.44	1,916,199.26	587,371.44	36.2659985	-107.5369564
815.00	3.94	197.12	814.79	-3.68	2.49	1,916,194.31	587,370.51	36.2659849	-107.5369596
906.00	5.76	190.19	905.46	-11.16	0.76	1,916,186.82	587,368.81	36.2659643	-107.5369655
997.00	6.88	186.61	995.90	-21.07	-0.67	1,916,176.91	587,367.40	36.2659371	-107.5369703
1,088.00	8.21	180.30	1,086.11	-32.98	-1.34	1,916,165.00	587,366.78	36.2659044	-107.5369726
1,179.00	10.08	174.97	1,175.96	-47.41	-0.67	1,916,150.57	587,367.48	36.2658647	-107.5369703
1,270.00	12.07	179.68	1,265.26	-64.86	0.08	1,916,133.12	587,368.29	36.2658168	-107.5369678
1,360.00	14.92	178.16	1,352.76	-85.86	0.51	1,916,112.13	587,368.78	36.2657591	-107.5369663
1,451.00	17.21	177.65	1,440.20	-111.02	1.43	1,916,086.97	587,369.78	36.2656900	-107.5369632
1,542.00	20.48	175.61	1,526.32	-140.35	3.20	1,916,057.64	587,371.64	36.2656094	-107.5369572
1,633.00	23.02	173.69	1,610.83	-173.91	6.38	1,916,024.09	587,374.92	36.2655172	-107.5369464
1,724.00	24.36	173.72	1,694.16	-210.26	10.39	1,915,987.76	587,379.04	36.2654174	-107.5369328
1,814.00	24.49	172.47	1,776.11	-247.20	14.86	1,915,950.83	587,383.63	36.2653159	-107.5369176
1,905.00	24.39	172.58	1,858.95	-284.53	19.76	1,915,913.51	587,388.64	36.2652133	-107.5369010
1,996.00	24.03	172.55	1,941.95	-321.53	24.59	1,915,876.52	587,393.58	36.2651117	-107.5368846
2,087.00	25.03	172.87	2,024.74	-359.01	29.38	1,915,839.06	587,398.49	36.2650087	-107.5368684
2,178.00	24.75	171.23	2,107.28	-396.94	34.68	1,915,801.15	587,403.90	36.2649045	-107.5368504
2,268.00	24.33	170.97	2,189.15	-433.87	40.46	1,915,764.24	587,409.80	36.2648031	-107.5368308
2,358.00	23.77	170.53	2,271.34	-470.07	46.35	1,915,728.06	587,415.80	36.2647036	-107.5368108
2,450.00	22.16	175.38	2,356.05	-505.66	50.80	1,915,692.48	587,420.36	36.2646059	-107.5367957
2,540.00	24.17	172.65	2,438.80	-540.85	54.53	1,915,657.30	587,424.19	36.2645092	-107.5367831
2,630.00	24.29	172.07	2,520.87	-577.46	59.44	1,915,620.70	587,429.21	36.2644086	-107.5367664
2,721.00	24.11	170.18	2,603.87	-614.31	65.19	1,915,583.87	587,435.08	36.2643074	-107.5367469
2,812.00	23.93	172.43	2,686.99	-650.92	70.79	1,915,547.28	587,440.79	36.2642068	-107.5367279
2,903.00	23.53	171.49	2,770.30	-687.18	75.91	1,915,511.03	587,446.02	36.2641072	-107.5367106
2,994.00	24.62	170.63	2,853.38	-723.85	81.68	1,915,474.38	587,451.91	36.2640065	-107.5366910
3,085.00	25.13	171.24	2,935.94	-761.65	87.71	1,915,436.60	587,458.05	36.2639026	-107.5366705
3,176.00	24.11	172.24	3,018.67	-799.17	93.17	1,915,399.10	587,463.62	36.2637996	-107.5366520
3,267.00	23.88	168.89	3,101.81	-835.66	99.22	1,915,362.63	587,469.79	36.2636993	-107.5366315
3,358.00	23.00	172.72	3,185.30	-871.37	105.03	1,915,326.94	587,475.70	36.2636012	-107.5366118
3,449.00	23.21	174.71	3,269.00	-906.86	108.93	1,915,291.46	587,479.72	36.2635037	-107.5365985
3,540.00	23.78	174.21	3,352.46	-942.97	112.44	1,915,255.36	587,483.33	36.2634045	-107.5365867
3,632.00	24.34	177.40	3,436.47	-980.36	115.17	1,915,217.97	587,486.18	36.2633018	-107.5365774
3,723.00	23.46	175.05	3,519.67	-1,017.15	117.58	1,915,181.20	587,488.70	36.2632008	-107.5365692
3,814.00	24.08	178.28	3,602.95	-1,053.75	119.70	1,915,144.60	587,490.94	36.2631002	-107.5365620
3,905.00	23.28	177.37	3,686.29	-1,090.27	121.09	1,915,108.09	587,492.43	36.2629999	-107.5365573
3,996.00	24.48	175.10	3,769.50	-1,127.02	123.52	1,915,071.34	587,494.98	36.2628989	-107.5365491
4,087.00	24.56	175.58	3,852.29	-1,164.66	126.59	1,915,033.71	587,498.16	36.2627955	-107.5365387
4,178.00	24.13	175.68	3,935.20	-1,202.07	129.45	1,914,996.32	587,501.14	36.2626928	-107.5365290
4,269.00	25.56	173.56	4,017.78	-1,240.12	133.05	1,914,958.27	587,504.86	36.2625882	-107.5365167
4,360.00	23.98	173.52	4,100.40	-1,278.01	137.34	1,914,920.40	587,509.26	36.2624841	-107.5365022
4,452.00	24.74	170.15	4,184.22	-1,315.55	142.74	1,914,882.87	587,514.78	36.2623810	-107.5364839
4,543.00	25.22	170.03	4,266.70	-1,353.41	149.36	1,914,845.03	587,521.51	36.2622770	-107.5364614
4,634.00	26.38	170.18	4,348.63	-1,392.43	156.16	1,914,806.04	587,528.43	36.2621698	-107.5364383
4,725.00	26.44	170.60	4,430.13	-1,432.33	162.92	1,914,766.15	587,535.31	36.2620602	-107.5364154
4,816.00	23.83	176.25	4,512.52	-1,470.68	167.43	1,914,727.82	587,539.94	36.2619549	-107.5364001
4,907.00	18.67	188.91	4,597.35	-1,503.45	166.38	1,914,695.05	587,538.99	36.2618648	-107.5364037
4,953.00	16.88	195.33	4,641.16	-1,517.17	163.47	1,914,681.32	587,536.12	36.2618271	-107.5364136
4,998.00	15.86	209.59	4,684.35	-1,528.82	158.71	1,914,669.65	587,531.39	36.2617951	-107.5364297

Company:	WPX Energy	Local Co-ordinate Reference:	Well MC 6 COM #918H - Slot A2
Project:	T24N R7W	TVD Reference:	KB @ 6831.00usft (Aztec 1000)
Site:	Chaco 2407-351	MD Reference:	KB @ 6831.00usft (Aztec 1000)
Well:	MC 6 COM #918H	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
5,044.00	16.30	223.96	4,728.57	-1,538.94	151.12	1,914,659.51	587,523.84	36.2617673	-107.5364555
5,089.00	15.98	231.44	4,771.80	-1,547.34	141.89	1,914,651.08	587,514.63	36.2617442	-107.5364868
5,135.00	15.42	246.38	4,816.10	-1,553.74	131.33	1,914,644.65	587,504.09	36.2617267	-107.5365226
Last SDI Surface MWD Survey									
5,180.00	16.11	260.74	4,859.42	-1,557.15	119.68	1,914,641.21	587,492.46	36.2617173	-107.5365621
First SDI Curve MWD Survey									
5,226.00	16.71	268.72	4,903.56	-1,558.32	106.77	1,914,639.99	587,479.55	36.2617141	-107.5366059
5,271.00	18.44	277.03	4,946.46	-1,557.60	93.24	1,914,640.68	587,466.01	36.2617161	-107.5366518
5,317.00	20.82	286.80	4,989.80	-1,554.34	78.18	1,914,643.89	587,450.95	36.2617250	-107.5367029
5,362.00	22.48	294.20	5,031.63	-1,548.50	62.68	1,914,649.68	587,435.42	36.2617411	-107.5367554
5,408.00	23.78	296.79	5,073.93	-1,540.72	46.37	1,914,657.41	587,419.10	36.2617624	-107.5368107
5,453.00	26.92	297.99	5,114.59	-1,531.84	29.28	1,914,666.23	587,401.97	36.2617868	-107.5368687
5,498.00	30.60	297.28	5,154.03	-1,521.81	10.09	1,914,676.21	587,382.76	36.2618144	-107.5369338
5,544.00	33.83	299.18	5,192.95	-1,510.20	-11.50	1,914,687.76	587,361.13	36.2618463	-107.5370070
5,589.00	38.34	300.09	5,229.31	-1,497.08	-34.52	1,914,700.80	587,338.07	36.2618823	-107.5370851
5,635.00	42.94	301.10	5,264.20	-1,481.83	-60.30	1,914,715.97	587,312.25	36.2619242	-107.5371726
5,680.00	47.92	301.41	5,295.77	-1,465.20	-87.69	1,914,732.52	587,284.80	36.2619699	-107.5372655
5,726.00	53.52	302.87	5,324.89	-1,446.25	-117.82	1,914,751.38	587,254.62	36.2620220	-107.5373677
5,771.00	58.96	304.44	5,349.88	-1,425.51	-148.94	1,914,772.02	587,223.43	36.2620789	-107.5374732
5,817.00	59.88	305.02	5,373.29	-1,402.95	-181.48	1,914,794.48	587,190.82	36.2621409	-107.5375836
5,862.00	63.75	305.37	5,394.54	-1,380.09	-213.89	1,914,817.24	587,158.34	36.2622037	-107.5376935
5,908.00	67.52	305.51	5,413.51	-1,355.80	-248.02	1,914,841.43	587,124.14	36.2622704	-107.5378093
5,953.00	70.79	306.77	5,429.52	-1,331.00	-281.98	1,914,866.13	587,090.11	36.2623386	-107.5379245
5,999.00	74.77	306.62	5,443.14	-1,304.75	-317.20	1,914,892.27	587,054.80	36.2624107	-107.5380440
6,044.00	78.58	306.76	5,453.51	-1,278.59	-352.31	1,914,918.32	587,019.62	36.2624825	-107.5381631
6,090.00	82.13	306.33	5,461.21	-1,251.59	-388.74	1,914,945.21	586,983.11	36.2625567	-107.5382866
6,136.00	85.53	306.47	5,466.16	-1,224.45	-425.54	1,914,972.23	586,946.22	36.2626313	-107.5384115
6,169.00	87.14	306.42	5,468.26	-1,204.89	-452.03	1,914,991.71	586,919.67	36.2626850	-107.5385013
6,209.00	88.57	306.22	5,469.76	-1,181.22	-484.24	1,915,015.29	586,887.39	36.2627500	-107.5386106
7" Casing @ 6209' MD - 36.2627500, -107.5386105									
6,248.00	89.97	306.02	5,470.26	-1,158.23	-515.74	1,915,038.18	586,855.82	36.2628132	-107.5387174
6,318.00	90.94	306.15	5,469.70	-1,117.00	-572.31	1,915,079.23	586,799.13	36.2629264	-107.5389093
Last SDI Curve MWD Survey									
6,408.00	91.27	305.65	5,467.96	-1,064.24	-645.20	1,915,131.77	586,726.07	36.2630714	-107.5391565
First SDI Lateral MWD Survey									
6,498.00	90.60	305.42	5,466.50	-1,011.94	-718.42	1,915,183.85	586,652.69	36.2632150	-107.5394049
6,590.00	90.50	304.65	5,465.61	-959.13	-793.75	1,915,236.43	586,577.20	36.2633601	-107.5396604
6,680.00	89.93	305.94	5,465.28	-907.13	-867.20	1,915,288.20	586,503.59	36.2635030	-107.5399096
6,771.00	89.76	306.95	5,465.52	-853.07	-940.41	1,915,342.04	586,430.22	36.2636515	-107.5401579
6,861.00	90.10	307.87	5,465.63	-798.39	-1,011.89	1,915,396.49	586,358.57	36.2638016	-107.5404004
6,952.00	90.17	306.96	5,465.42	-743.10	-1,084.17	1,915,451.56	586,286.12	36.2639535	-107.5406456
7,043.00	90.13	308.64	5,465.18	-687.33	-1,156.07	1,915,507.11	586,214.05	36.2641067	-107.5408895
7,134.00	90.60	308.96	5,464.60	-630.31	-1,226.99	1,915,563.92	586,142.96	36.2642634	-107.5411300
7,224.00	90.40	308.09	5,463.81	-574.26	-1,297.40	1,915,619.75	586,072.38	36.2644173	-107.5413689
7,314.00	90.48	308.71	5,463.12	-518.36	-1,367.93	1,915,675.44	586,001.68	36.2645709	-107.5416081
7,405.00	90.31	307.83	5,462.50	-462.00	-1,439.37	1,915,731.58	585,930.06	36.2647257	-107.5418505
7,496.00	91.07	308.47	5,461.40	-405.79	-1,510.92	1,915,787.57	585,858.34	36.2648801	-107.5420932
7,587.00	90.91	307.88	5,459.83	-349.55	-1,582.45	1,915,843.59	585,786.64	36.2650346	-107.5423358
7,678.00	90.84	307.56	5,458.44	-293.89	-1,654.42	1,915,899.03	585,714.49	36.2651875	-107.5425800
7,769.00	90.66	307.12	5,457.25	-238.69	-1,726.77	1,915,954.00	585,641.98	36.2653391	-107.5428254
7,860.00	91.11	308.44	5,455.84	-182.95	-1,798.68	1,916,009.52	585,569.90	36.2654922	-107.5430693
7,952.00	91.14	308.32	5,454.03	-125.84	-1,870.79	1,916,066.41	585,497.62	36.2656491	-107.5433140
8,043.00	90.70	308.84	5,452.57	-69.10	-1,941.91	1,916,122.93	585,426.32	36.2658050	-107.5435552
8,134.00	90.44	309.21	5,451.67	-11.81	-2,012.61	1,916,180.01	585,355.45	36.2659623	-107.5437950

Company:	WPX Energy	Local Co-ordinate Reference:	Well MC 6 COM #918H - Slot A2
Project:	T24N R7W	TVD Reference:	KB @ 6831.00usft (Aztec 1000)
Site:	Chaco 2407-351	MD Reference:	KB @ 6831.00usft (Aztec 1000)
Well:	MC 6 COM #918H	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
8,225.00	90.50	307.96	5,450.92	44.94	-2,083.73	1,916,236.55	585,284.15	36.2661182	-107.5440363
8,316.00	90.13	307.12	5,450.42	100.39	-2,155.89	1,916,291.77	585,211.82	36.2662705	-107.5442811
8,407.00	89.52	307.56	5,450.70	155.58	-2,228.24	1,916,346.75	585,139.31	36.2664221	-107.5445265
8,498.00	90.37	307.40	5,450.79	210.96	-2,300.45	1,916,401.90	585,066.92	36.2665742	-107.5447715
8,589.00	89.77	307.30	5,450.68	266.16	-2,372.79	1,916,456.88	584,994.42	36.2667259	-107.5450169
8,680.00	89.33	306.75	5,451.39	320.96	-2,445.44	1,916,511.45	584,921.60	36.2668764	-107.5452634
8,771.00	88.56	306.46	5,453.07	375.21	-2,518.48	1,916,565.48	584,848.39	36.2670254	-107.5455112
8,863.00	89.90	307.24	5,454.30	430.38	-2,592.09	1,916,620.43	584,774.62	36.2671770	-107.5457609
8,954.00	89.77	307.27	5,454.56	485.47	-2,664.52	1,916,675.29	584,702.02	36.2673283	-107.5460066
9,045.00	90.81	307.73	5,454.10	540.86	-2,736.71	1,916,730.47	584,629.65	36.2674804	-107.5462515
9,136.00	90.44	307.71	5,453.11	596.53	-2,808.69	1,916,785.92	584,557.51	36.2676333	-107.5464957
9,227.00	90.54	307.43	5,452.33	652.02	-2,880.82	1,916,841.18	584,485.21	36.2677857	-107.5467404
9,318.00	90.66	307.65	5,451.38	707.46	-2,952.97	1,916,896.40	584,412.89	36.2679380	-107.5469851
9,409.00	88.12	306.37	5,452.35	762.23	-3,025.62	1,916,950.95	584,340.07	36.2680885	-107.5472316
9,501.00	88.22	306.45	5,455.29	816.81	-3,099.63	1,917,005.30	584,265.90	36.2682384	-107.5474827
9,592.00	89.53	307.07	5,457.07	871.26	-3,172.51	1,917,059.53	584,192.85	36.2683879	-107.5477299
9,683.00	89.73	307.28	5,457.66	926.25	-3,245.02	1,917,114.29	584,120.17	36.2685390	-107.5479759
9,774.00	89.87	306.92	5,457.98	981.14	-3,317.60	1,917,168.96	584,047.42	36.2686897	-107.5482221
9,865.00	88.66	305.93	5,459.15	1,035.16	-3,390.81	1,917,222.76	583,974.04	36.2688381	-107.5484705
9,956.00	88.39	305.85	5,461.49	1,088.49	-3,464.51	1,917,275.87	583,900.18	36.2689846	-107.5487206
10,047.00	89.03	306.12	5,463.54	1,141.95	-3,538.13	1,917,329.10	583,826.40	36.2691314	-107.5489703
10,138.00	87.72	304.59	5,466.12	1,194.58	-3,612.31	1,917,381.50	583,752.06	36.2692760	-107.5492220
10,229.00	89.69	307.04	5,468.17	1,247.81	-3,686.08	1,917,434.51	583,678.13	36.2694222	-107.5494722
10,320.00	89.36	306.30	5,468.93	1,302.16	-3,759.06	1,917,488.63	583,604.98	36.2695715	-107.5497198
10,410.00	88.25	305.36	5,470.81	1,354.83	-3,832.01	1,917,541.07	583,531.87	36.2697161	-107.5499673
10,501.00	88.81	305.46	5,473.14	1,407.54	-3,906.16	1,917,593.56	583,457.57	36.2698609	-107.5502189
10,592.00	88.79	305.15	5,475.05	1,460.12	-3,980.40	1,917,645.91	583,383.16	36.2700053	-107.5504708
10,683.00	87.72	306.42	5,477.82	1,513.30	-4,054.19	1,917,698.87	583,309.21	36.2701514	-107.5507211
10,774.00	87.79	308.39	5,481.38	1,568.53	-4,126.42	1,917,753.88	583,236.81	36.2703031	-107.5509661
10,865.00	90.40	308.98	5,482.82	1,625.40	-4,197.43	1,917,810.53	583,165.62	36.2704593	-107.5512071
10,956.00	90.00	308.86	5,482.50	1,682.57	-4,268.23	1,917,867.48	583,094.65	36.2706163	-107.5514473
11,048.00	89.90	308.45	5,482.58	1,740.04	-4,340.08	1,917,924.73	583,022.63	36.2707741	-107.5516910
11,139.00	89.60	308.11	5,482.98	1,796.41	-4,411.51	1,917,980.88	582,951.02	36.2709290	-107.5519334
11,214.00	89.96	307.39	5,483.27	1,842.33	-4,470.81	1,918,026.62	582,891.58	36.2710551	-107.5521346
RSI @ 11,214' MD - 36.2710551, -107.5521345									
11,229.00	90.03	307.25	5,483.27	1,851.42	-4,482.74	1,918,035.68	582,879.63	36.2710801	-107.5521750
11,271.00	89.66	307.28	5,483.38	1,876.85	-4,516.17	1,918,061.00	582,846.12	36.2711499	-107.5522885
Last SDI Lateral MWD Survey									
11,325.00	89.66	307.28	5,483.70	1,909.56	-4,559.13	1,918,093.58	582,803.06	36.2712398	-107.5524342
Projection to TD									

Company:	WPX Energy	Local Co-ordinate Reference:	Well MC 6 COM #918H - Slot A2
Project:	T24N R7W	TVD Reference:	KB @ 6831.00usft (Aztec 1000)
Site:	Chaco 2407-351	MD Reference:	KB @ 6831.00usft (Aztec 1000)
Well:	MC 6 COM #918H	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Grand Junction District

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
451.00	450.98	2.26	1.26	First SDI Surface MWD Survey
5,135.00	4,816.10	-1,553.74	131.33	Last SDI Surface MWD Survey
5,180.00	4,859.42	-1,557.15	119.68	First SDI Curve MWD Survey
6,209.00	5,469.76	-1,181.22	-484.24	7" Casing @ 6209' MD
6,209.00	5,469.76	-1,181.22	-484.24	36.2627500, -107.5386105
6,318.00	5,469.70	-1,117.00	-572.31	Last SDI Curve MWD Survey
6,408.00	5,467.96	-1,064.24	-645.20	First SDI Lateral MWD Survey
11,214.00	5,483.27	1,842.33	-4,470.81	RSI @ 11,214' MD
11,214.00	5,483.27	1,842.33	-4,470.81	36.2710551, -107.5521345
11,271.00	5,483.38	1,876.85	-4,516.17	Last SDI Lateral MWD Survey
11,325.00	5,483.70	1,909.56	-4,559.13	Projection to TD

Checked By: _____ Approved By: _____ Date: _____



Company Name: WPX Energy
Project: T24N R7W
Site: Chaco 2407-351
Well: MC 6 COM #918H

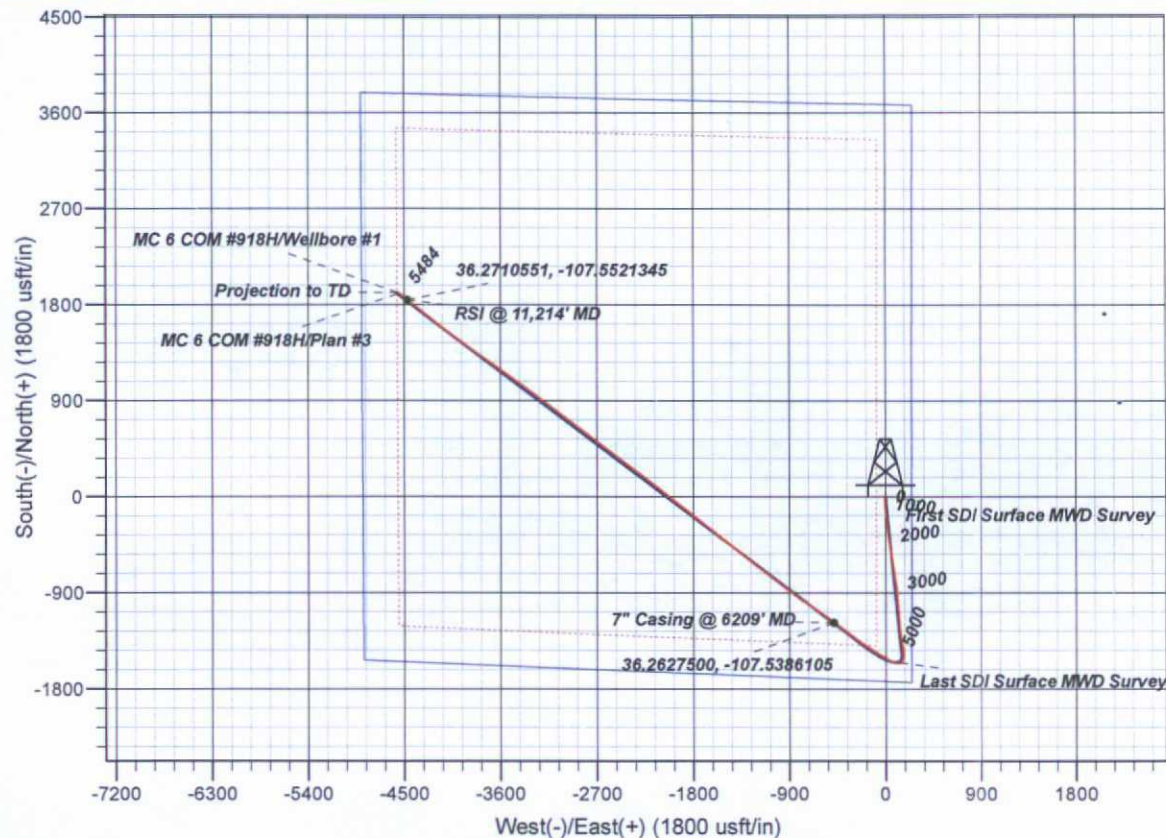
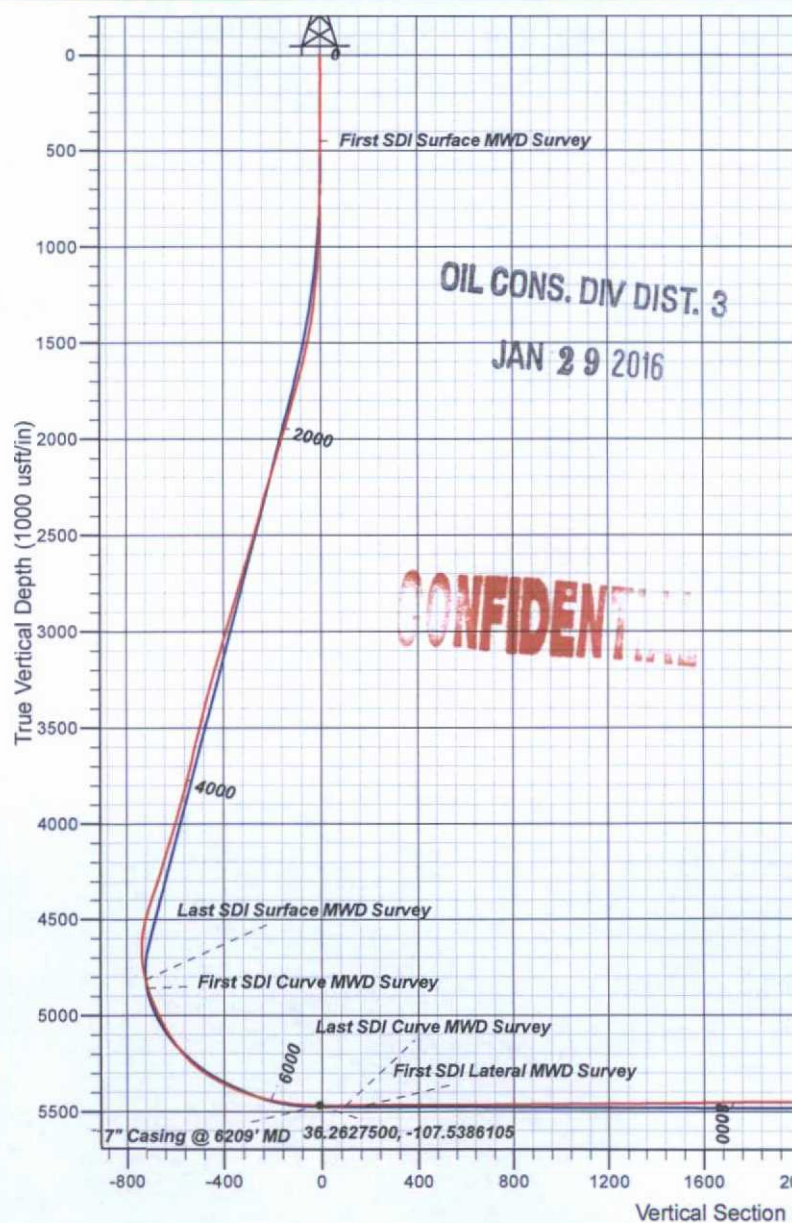


Azimuths to True North
Magnetic North: 9.00'

Magnetic Field
Strength: 49809.9sn1
Dip Angle: 62.97'
Date: 12/12/2011
Model: HDGM

WELL DETAILS: MC 6 COM #918H

KB @ 6831.00usft (Aztec 1000)		6806.00	
+N/-S	+E/-W	Northing	Easting
0.00	0.00	1916197.98	587368.01
		Latitude	Longitude
		36.2659950	-107.5369680
		A2	



MC 6 COM #918H/Wellbore #1
MC 6 COM #918H/Plan #3
Last SDI Lateral MWD Survey
10000
RSI @ 11,214' MD
36.2710551, -107.552134
11325

Design: Wellbore #1 (MC 6 COM #918H/Wellbore #1)

Created By: Janie Collins Date: 12:44, December 28 2015

PROJECT DETAILS: T24N R7W

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