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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) 475-3460 Fax: (505) 475-3462

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

¹ API Number 30-039-31250	² Pool Code 98088	³ Pool Name CHACO UNIT NE HZ OIL
⁴ Property Code 313800	⁵ Property Name NE CHACO COM	⁶ Well Number 181H
⁷ GRID No. 120782	⁸ Operator Name WPX ENERGY PRODUCTION, LLC	⁹ Elevation 6950'

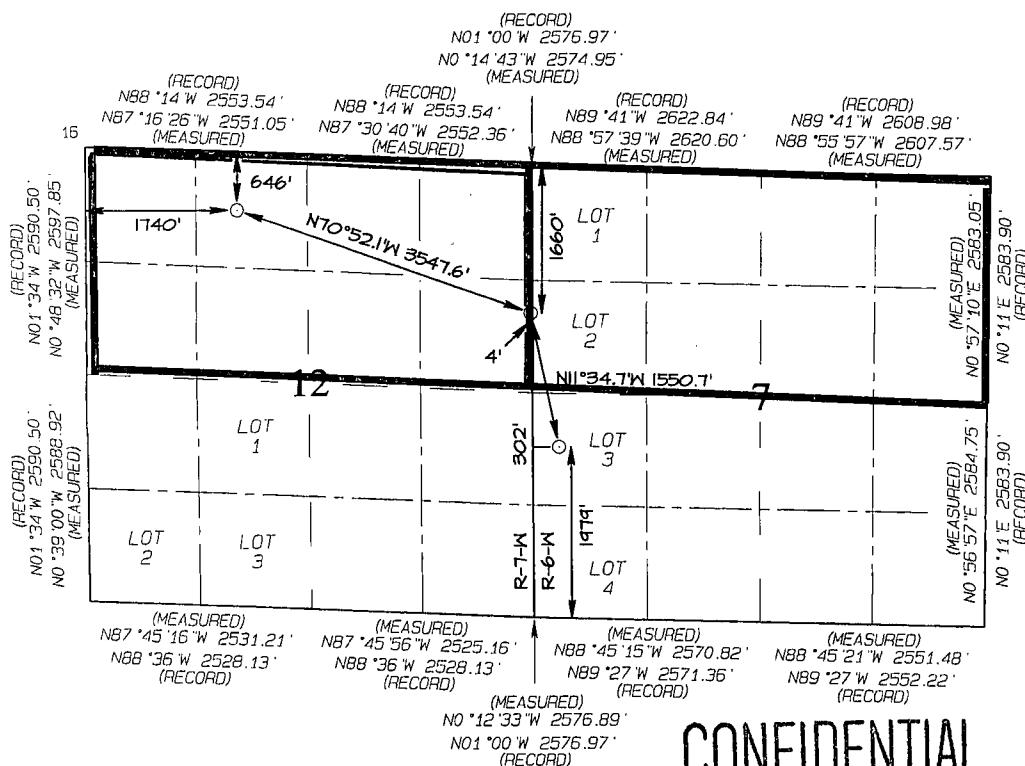
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	7	23N	6W	3	1979	SOUTH	302	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	Feet from the	East/West line	County
C	12	23N	7W		646	NORTH	1740	WEST	RIO ARriba
¹² Dedicated Acres N2 7 & N2 12 640.96 ACRE					¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-13817-A	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 OIL CONSERVATION DIV DIST. 3



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 heretofore entered by the division.

Signature: *Larry Higgins* Date: 10/22/14
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: OCTOBER 21, 2014
Survey Date: OCTOBER 1, 2012

Signature and Seal of Professional Surveyor



JASON C. EDWARDS

Certificate Number 15269

END-OF-LATERAL
646' FNL 1740' FWL
SECTION 12, T23N, R7W
LAT: 36.245000°N
LONG: 107.529804°W
DATUM: NAD1927

LAT: 36.245013°N
LONG: 107.530410°W
DATUM: NAD1983

BASE OF PERFORATION
673' FNL 1830' FWL
SECTION 12, T23N, R7W
LAT: 36.244917°N
LONG: 107.529495°W
DATUM: NAD1927

LAT: 36.244931°N
LONG: 107.530101°W
DATUM: NAD1983

POINT-OF-ENTRY
1660' FNL 4' FEL
SECTION 12, T23N, R7W
LAT: 36.241927°N
LONG: 107.518389°W
DATUM: NAD1927

LAT: 36.241940°N
LONG: 107.518994°W
DATUM: NAD1983

SURFACE LOCATION
1979' FSL 302' FWL
SECTION 7, T23N, R6W
LAT: 36.237766°N
LONG: 107.517266°W
DATUM: NAD1927

LAT: 36.237780°N
LONG: 107.517872°W
DATUM: NAD1983

FY

Chaco 2306-07L #181H GYRO+MWD 0ft to 9759ft Final Survey Report

(Def Survey)

Report Date: October 10, 2014 - 01:31 PM
Client: WPX Energy
Field: NM, Rio Arriba (NAD 27 CZ)
Structure / Slot: WPX 07-23N-6W (Chaco 2306-07L Pad) / Chaco 2306-07L #181H
Well: Chaco 2306-07L #181H
Borehole: OH
Rig / APW: AWS 980 / 30-039-31250
Survey Name: Chaco 2306-07L #181H GYRO+MWD 0ft to 9759ft Final
Survey Date: August 25, 2014
Tort / AHD / DDI / ERD Ratio: 191.287 * / 5436.003 ft / 6.258 / 0.971
Coordinate Reference System: NAD27 New Mexico State Plane, Central Zone, US Feet
Location Lat / Long: N 38°14' 15.9720" W 107°31' 2.17200"
Location Grid N/E Y/X: N 1908201.683 ftUS, E 126274.005 ftUS
CRS Grid Convergence Angle: -0.7492 *
Grid Scale Factor: 1.00005983
Version / Patch: 2.8.572.0

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 305.600 * (True North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: KB 14ft
Seabed / Ground Elevation: 6964.000 ft above MSL
Magnetic Declination: 9.425 *
Total Gravity Field Strength: 998.4953mgm (9.80665 Based)
Gravity Model: GARM
Total Magnetic Field Strength: 50075.255 nT
Magnetic Dip Angle: 63.014 *
Declination Date: August 25, 2014
Magnetic Declination Model: BCGM 2014
North Reference: True North
Grid Convergence Used: 0.0000 *
Total Corr Mag North-True North: 9.4245 *
Local Coord Referenced To: Well Head

Comments	MD (ft)	Incl (°)	Azim True (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (ft/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S)	Longitude (E/W)
Surface	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	1908201.68	126274.01	N 36.237770	W 107.517270
Original KB	14.00	0.00	0.00	14.00	0.00	0.00	0.00	0.00	1908201.68	126274.01	N 36.237770	W 107.517270
Begin GYRO survey	64.00	0.34	239.65	64.00	0.66	-0.07	-0.13	0.68	1908201.61	126273.98	N 36.237770	W 107.517270
	114.00	0.10	182.38	114.00	0.16	-0.14	-0.30	0.51	1908201.55	126273.44	N 36.237770	W 107.517271
	164.00	0.19	201.07	164.00	0.18	-0.21	-0.37	0.40	1908201.48	126273.63	N 36.237769	W 107.517271
	214.00	0.21	203.03	214.00	0.14	-0.37	-0.44	0.04	1908201.32	126273.56	N 36.237769	W 107.517271
	264.00	0.29	200.49	264.00	0.09	-0.52	-0.52	0.16	1908201.12	126273.48	N 36.237768	W 107.517272
	314.00	0.51	181.96	314.00	-0.07	-0.91	-0.57	0.50	1908200.78	126273.42	N 36.237767	W 107.517272
	364.00	0.75	174.52	363.99	-0.41	-1.48	-0.55	0.51	1908200.23	126273.44	N 36.237766	W 107.517272
Last GYRO Survey	371.00	0.81	166.64	370.89	-0.48	-1.56	-0.53	0.55	1908200.13	126273.46	N 36.237766	W 107.517272
First SLB MWD	498.00	0.88	189.51	497.98	-1.58	-3.39	-0.48	0.27	1908198.30	126273.48	N 36.237761	W 107.517272
	558.00	0.44	24.80	558.98	-1.74	-3.64	-0.46	2.15	1908198.05	126273.50	N 36.237760	W 107.517272
	620.00	0.22	9.42	619.96	-1.23	-4.19	-0.19	2.90	1908199.55	126273.79	N 36.237763	W 107.517271
	681.00	3.69	5.29	680.88	0.24	0.65	0.17	2.76	1908202.33	126274.18	N 36.237772	W 107.517269
	742.00	5.10	7.57	741.70	2.50	5.29	0.71	2.33	1908206.96	126274.78	N 36.237785	W 107.517268
	803.00	6.68	10.04	802.38	5.31	11.47	1.68	2.62	1908213.13	126275.84	N 36.237802	W 107.517264
	863.00	8.09	10.56	861.88	9.60	18.06	3.07	2.35	1908220.70	126277.32	N 36.237822	W 107.517260
	924.00	11.71	12.23	922.13	12.53	28.39	4.81	2.90	1908238.36	126279.29	N 36.237848	W 107.517253
	985.00	10.82	13.55	982.14	16.80	39.06	7.31	1.68	1908240.65	126281.83	N 36.237877	W 107.517245
	1046.00	10.82	13.02	1042.06	21.14	50.21	9.94	0.16	1908251.76	126284.60	N 36.237908	W 107.517236
	1107.00	11.70	14.43	1101.88	25.58	61.78	12.77	1.51	1908263.29	126287.59	N 36.237940	W 107.517227
	1167.00	12.49	15.13	1160.55	30.04	73.53	15.98	1.34	1908275.40	126290.96	N 36.237973	W 107.517216
	1228.00	13.01	14.96	1220.05	34.77	86.93	19.48	0.85	1908288.36	126294.62	N 36.238009	W 107.517204
	1289.00	14.51	15.13	1279.29	39.86	100.94	23.24	2.46	1908302.32	126298.57	N 36.238047	W 107.517191
	1353.00	14.86	16.28	1341.20	45.38	116.56	27.64	0.71	1908317.88	126303.17	N 36.238090	W 107.517176
	1416.00	14.77	16.01	1402.11	50.75	132.04	32.12	0.18	1908333.29	126307.85	N 36.238133	W 107.517161
	1479.00	14.95	15.22	1463.00	56.27	147.60	36.47	0.43	1908348.80	126312.40	N 36.238175	W 107.517146
	1542.00	16.09	15.40	1523.70	62.11	163.85	40.92	1.81	1908365.00	126317.05	N 36.238220	W 107.517131
	1606.00	16.62	14.87	1585.11	68.42	181.25	45.62	0.86	1908382.33	126322.00	N 36.238268	W 107.517115
	1669.00	16.44	14.78	1645.51	74.77	198.58	50.21	0.29	1908399.60	126326.81	N 36.238315	W 107.517100
	1732.00	15.74	14.78	1706.04	80.98	215.46	54.68	1.11	1908416.42	126331.48	N 36.238362	W 107.517085
	1795.00	15.21	13.73	1766.76	87.09	231.75	58.80	0.95	1908432.67	126335.84	N 36.238407	W 107.517071
	1858.00	14.60	12.06	1827.64	93.34	247.55	62.42	1.18	1908448.40	126339.67	N 36.238450	W 107.517058
	1921.00	14.51	10.04	1888.62	99.92	263.08	65.46	0.82	1908463.90	126342.90	N 36.238493	W 107.517048
	1984.00	14.33	10.65	1949.63	106.61	278.52	68.28	0.37	1908479.30	126345.92	N 36.238535	W 107.517038
	2048.00	14.25	10.65	2011.85	113.28	294.04	71.20	0.13	1908494.78	126349.04	N 36.238578	W 107.517029
	2111.00	14.60	13.02	2072.67	119.60	309.40	74.42	1.09	1908510.10	126352.47	N 36.238620	W 107.517018
	2175.00	14.42	14.25	2134.62	125.60	324.98	78.20	0.56	1908525.63	126356.45	N 36.238663	W 107.517005
	2238.00	13.89	14.43	2195.71	131.18	339.91	82.01	0.84	1908540.51	126360.46	N 36.238704	W 107.516992
	2301.00	13.37	14.17	2256.94	136.58	354.29	85.68	0.83	1908554.84	126364.32	N 36.238743	W 107.516979
	2384.00	12.66	18.45	2347.55	143.85	374.49	91.20	0.94	1908574.97	126370.10	N 36.238799	W 107.516961
	2457.00	12.75	14.43	2409.01	148.62	387.85	94.88	0.72	1908588.28	126373.96	N 36.238835	W 107.516948
	2520.00	12.84	13.38	2470.44	153.78	401.39	98.24	0.40	1908601.78	126377.49	N 36.238873	W 107.516937
	2584.00	13.72	14.43	2532.73	159.21	415.66	101.77	1.43	1908616.00	126381.21	N 36.238912	W 107.516925
	2647.00	14.16	15.57	2593.87	164.55	430.32	105.70	0.82	1908630.60	126385.33	N 36.238952	W 107.516912
	2710.00	14.16	15.13	2654.96	169.88	445.18	109.78	0.17	1908645.41	126389.61	N 36.238993	W 107.516898
	2773.00	14.77	14.25	2715.96	175.50	460.40	113.77	1.03	1908660.58	126393.79	N 36.239035	W 107.516884
	2837.00	14.95	14.69	2777.82	181.42	476.29	117.87	0.33	1908676.42	126398.10	N 36.239078	W 107.516870
	2900.00	15.65	16.45	2838.59	187.11	492.30	122.34	1.33	1908692.37	126402.78	N 36.239122	W 107.516855
	2963.00	16.18	16.36	2899.17	192.79	508.87	127.22	0.84	1908708.88	126407.88	N 36.239168	W 107.516839
	3026.00	15.92	16.19	2959.72	198.55	525.59	132.10	0.42	1908725.54	126412.98	N 36.239214	W 107.516822
	3089.00	15.83	16.36	3020.32	204.25	542.14	136.93	0.16	1908742.01	126418.02	N 36.239259	W 107.516806
	3153.00	15.30	16.54	3081.97	209.89	558.61	141.79	0.83	1908758.42	126423.10	N 36.239304	W 107.516789
	3216.00	14.60	17.15	3142.84	215.11	574.16	146.50	1.14	1908773.91	126428.01	N 36.239347	W 107.516773
	3279.00	14.33	15.84	3203.84	220.26	589.25	150.97	0.67	1908788.94	126432.68	N 36.239389	W 107.516758
	3342.00	14.33	14.52	3264.88	225.70	604.30	155.05	0.52	1908803.94	126436.96	N 36.239430	W 107.516744
	3406.00	14.25	13.38	3326.90	231.53	619.63	158.86	0.46	1908819.22	126440.97	N 36.239472	W 107.516731
	3469.00	14.42	12.58	3387.94	237.53	634.83	162.36	0.41	1908834.37	126444.67	N 36.239514	W 107.516719
	3532.00	14.33	12.94	3448.99	243.60	650.08	165.82	0.20	1908849.58	126448.32	N 36.239556	W 107.516708
	3596.00	15.30	12.41	3510.84	249.98	666.05	169.41	1.53	1908865.50	126452.12	N 36.239600	W 107.516696
	3660.00	16.00	13.38	3572.46	256.64	682.88	173.26	1.17	1908882.27	126456.19	N 36.239646	W 107.516683
	3723.00	15.12	13.99	3633.15	262.95	699.30	177.26	1.42	1908898.64	126460.40	N 36.239691	W 107.516669
	3786.00	14.07	13.90	3694.12	268.81	714.70	181.08	1.67	1908914.00	126464.43	N 36.239733	W 107.516656
	3849.00	14.86	14.52	3755.12	274.54	729.98	184.95	1.28	1908929.20	126468.50	N 36.239775	W 107.516643
	3912.00	15.56	14.43	3815.92	280.50	745.96	189.08	1.11	1908945.15	126472.84	N 36.239819	W 107.516629
	3976.00	15.30	13.90	3877.61	286.72	762.47	193.25	0.46	1908961.61	126477.22	N 36.239864	W 107.516615
	4039.00	15.92	13.64	3938.28	293.03	778.94	197.28	0.99	1908977.02	126481.47	N 36.239910	W 107.516601
	4103.00	15.39	14.77	3999.91	299.41	795.70	201.43	0.86	1908994.73	126485.84	N 36.239956	W 1

Comments	MD (ft)	Incl (°)	Azim True (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (ft/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S)	Longitude (E/W)
	5375.00	31.60	329.81	5218.52	457.64	1132.78	248.16	9.88	1909331.19	126536.97	N 36.240882	W 107.516429
	5440.00	36.49	325.13	5271.82	490.92	1162.94	228.82	8.58	1909361.60	126518.02	N 36.240964	W 107.516494
	5504.00	41.42	321.63	5321.68	529.23	1195.17	204.78	8.43	1909394.14	126494.40	N 36.241053	W 107.516576
	5568.00	46.98	316.83	5367.57	572.57	1228.86	175.60	10.11	1909428.22	126465.67	N 36.241146	W 107.516675
	5631.00	51.88	310.77	5408.56	619.88	1261.88	141.04	10.89	1909461.68	126431.55	N 36.241236	W 107.516792
	5695.00	57.16	306.27	5445.70	671.90	1294.25	100.26	10.04	1909494.59	126391.19	N 36.241325	W 107.516890
	5759.00	60.06	303.43	5479.04	726.51	1325.45	55.42	5.91	1909526.37	126346.76	N 36.241411	W 107.517082
	5823.00	62.87	301.44	5509.61	782.64	1355.59	7.97	5.17	1909557.13	126299.70	N 36.241494	W 107.517243
	5887.00	68.59	299.69	5535.91	840.73	1385.23	-42.25	9.28	1909587.42	126249.87	N 36.241575	W 107.517413
	5951.00	74.22	298.15	5566.31	900.95	1414.53	-95.33	9.09	1909617.43	126197.17	N 36.241656	W 107.517593
	6015.00	77.29	296.05	5572.06	962.29	1442.78	-150.55	5.76	1909646.39	126142.33	N 36.241733	W 107.517780
	6079.00	79.67	291.58	5584.65	1023.65	1468.08	-207.90	7.79	1909672.45	126085.31	N 36.241803	W 107.517975
Oct 02, 2014 7" Csg	6143.00	84.33	290.03	5593.75	1084.91	1490.58	-267.13	7.67	1909695.72	126026.37	N 36.241865	W 107.518176
	6158.00	84.68	289.93	5595.00	1097.37	1495.01	-279.29	2.80	1909700.30	126014.27	N 36.241877	W 107.518217
	6210.00	87.03	290.01	5598.90	1148.23	1513.40	-329.91	4.35	1909719.36	125963.90	N 36.241927	W 107.518389
	6259.00	89.16	290.09	5600.53	1196.41	1530.19	-375.91	4.35	1909736.75	125918.12	N 36.241973	W 107.518545
	6320.00	91.01	291.21	5600.44	1255.34	1551.70	-432.99	3.55	1909759.00	125861.32	N 36.242002	W 107.518738
	6380.00	91.36	291.07	5599.20	1313.43	1573.34	-488.94	0.63	1909781.37	125805.66	N 36.242062	W 107.518928
	6441.00	91.28	290.94	5597.79	1372.45	1595.20	-545.87	0.25	1909803.97	125749.01	N 36.242152	W 107.519121
	6502.00	91.01	290.93	5596.57	1431.40	1616.81	-602.81	0.74	1909826.10	125692.27	N 36.242211	W 107.519314
	6564.00	91.19	290.93	5595.38	1491.32	1638.78	-660.86	0.63	1909849.06	125634.59	N 36.242272	W 107.519511
	6624.00	91.28	290.00	5594.09	1549.22	1659.75	-717.06	1.56	1909870.77	125578.67	N 36.242329	W 107.519701
	6685.00	91.19	289.03	5592.77	1607.82	1680.13	-774.54	1.60	1909891.89	125521.45	N 36.242385	W 107.519896
	6745.00	91.28	289.10	5591.46	1666.28	1700.05	-832.18	0.19	1909912.56	125464.08	N 36.242440	W 107.520092
	6809.00	91.19	288.49	5590.10	1726.34	1720.34	-891.81	0.98	1909935.33	125404.72	N 36.242496	W 107.520294
	6873.00	91.54	288.32	5588.58	1787.70	1740.54	-952.52	0.61	1909954.63	125344.27	N 36.242551	W 107.520500
	6937.00	91.64	288.58	5586.86	1848.83	1760.79	-1013.21	0.41	1909975.67	125283.85	N 36.242607	W 107.520706
	7001.00	91.36	289.20	5585.24	1910.11	1781.50	-1073.74	1.01	1909997.17	125223.59	N 36.242664	W 107.520911
	7064.00	91.71	289.52	5583.55	1970.58	1802.38	-1133.16	0.75	1910018.63	125164.45	N 36.242721	W 107.521122
	7128.00	89.87	287.10	5582.67	2031.67	1822.48	-1193.90	4.75	1910038.72	125103.97	N 36.242776	W 107.521318
	7191.00	89.78	286.52	5582.86	2091.31	1840.70	-1254.21	0.93	1910058.73	125043.90	N 36.242826	W 107.521523
	7254.00	90.57	287.44	5582.67	2151.01	1859.10	-1314.46	1.92	1910077.92	124983.89	N 36.242877	W 107.521727
	7318.00	91.10	288.40	5581.74	2211.98	1878.79	-1375.35	1.71	1910098.40	124923.26	N 36.242931	W 107.521934
	7381.00	91.98	288.43	5580.04	2272.15	1898.68	-1435.10	1.40	1910119.06	124863.77	N 36.242985	W 107.522136
	7445.00	91.71	288.74	5577.98	2332.32	1919.07	-1495.73	0.64	1910140.26	124803.41	N 36.243041	W 107.522342
	7508.00	92.66	289.15	5575.47	2393.62	1939.50	-1555.27	1.94	1910161.47	124744.14	N 36.243098	W 107.522544
	7571.00	93.30	289.39	5572.08	2453.99	1960.26	-1614.66	0.80	1910183.01	124685.03	N 36.243155	W 107.522745
	7635.00	92.68	288.77	5568.75	2515.27	1981.18	-1675.06	1.37	1910204.69	124624.90	N 36.243212	W 107.522950
	7698.00	91.28	287.87	5566.57	2575.39	2000.95	-1734.83	2.64	1910225.26	124565.39	N 36.243265	W 107.523153
	7761.00	90.13	286.88	5565.79	2635.22	2019.76	-1794.95	2.41	1910244.86	124505.52	N 36.243318	W 107.523356
	7825.00	90.22	286.75	5565.60	2695.81	2038.27	-1856.21	0.25	1910264.17	124444.50	N 36.243369	W 107.523564
	7888.00	90.04	287.18	5565.46	2755.51	2056.65	-1916.47	0.74	1910283.34	124384.48	N 36.243419	W 107.523769
	7951.00	89.78	287.34	5565.56	2815.31	2075.35	-1976.83	0.48	1910302.82	124324.57	N 36.243471	W 107.523973
	8014.00	90.48	286.81	5565.41	2875.04	2093.84	-2036.85	1.39	1910322.10	124264.59	N 36.243521	W 107.524177
	8078.00	90.31	287.25	5564.97	2935.71	2112.59	-2098.04	0.74	1910341.65	124203.64	N 36.243573	W 107.524384
	8141.00	90.13	287.38	5564.73	2995.53	2131.34	-2158.19	0.35	1910361.18	124143.75	N 36.243624	W 107.524588
	8204.00	90.57	288.13	5564.34	3055.49	2150.55	-2218.19	1.38	1910381.18	124084.00	N 36.243677	W 107.524792
	8267.00	90.48	288.33	5563.77	3115.62	2170.26	-2278.02	0.35	1910401.67	124024.43	N 36.243731	W 107.524995
	8331.00	90.66	288.81	5563.13	3176.81	2190.64	-2338.69	0.80	1910422.84	123964.03	N 36.243787	W 107.525200
	8394.00	90.66	289.16	5562.40	3237.17	2211.13	-2398.26	0.56	1910444.11	123904.73	N 36.243844	W 107.525402
	8457.00	90.66	289.55	5561.68	3297.65	2232.01	-2457.69	0.62	1910465.77	123845.57	N 36.243901	W 107.525604
	8520.00	90.66	289.87	5560.95	3358.24	2253.28	-2517.00	0.51	1910487.79	123786.54	N 36.243959	W 107.525805
	8583.00	90.66	290.05	5560.23	3418.91	2274.78	-2578.21	0.29	1910510.07	123727.61	N 36.244018	W 107.526006
	8646.00	90.31	289.02	5559.69	3479.44	2295.83	-2635.58	1.73	1910531.91	123668.52	N 36.244072	W 107.526207
	8710.00	90.40	288.08	5559.30	3540.63	2316.18	-2696.25	1.48	1910553.06	123608.12	N 36.244137	W 107.526413
	8773.00	90.92	288.57	5558.57	3600.78	2335.99	-2756.05	1.13	1910573.65	123548.58	N 36.244186	W 107.526616
	8836.00	90.57	288.33	5557.75	3660.98	2355.93	-2815.81	0.87	1910594.37	123489.08	N 36.244241	W 107.526818
	8899.00	90.31	289.11	5557.27	3721.26	2376.15	-2875.47	1.31	1910615.36	123429.68	N 36.244297	W 107.527021
	8962.00	89.96	288.05	5557.12	3781.50	2396.22	-2935.19	1.77	1910636.22	123370.23	N 36.244352	W 107.527223
	9025.00	90.48	284.90	5556.88	3841.01	2414.08	-2995.59	5.07	1910654.87	123310.06	N 36.244401	W 107.527428
	9088.00	90.92	286.44	5556.10	3901.17	2431.37	-3057.21	2.50	1910672.96	123248.67	N 36.244448	W 107.527637
	9152.00	91.28	286.64	5554.89	3960.71	2449.30	-3117.59	0.65	1910691.68	123186.53	N 36.244498	W 107.527842
	9215.00	91.28	286.99	5553.48	4020.34	2467.52	-3177.88	0.56	1910710.69	123128.48	N 36.244548	W 107.528046
	9278.00	91.54	287.56	5551.93	4080.13	2486.22	-3238.02	0.99	1910730.18	123068.58	N 36.244599	W 107.528250
	9341.00	91.63	287.66	5550.19	4140.02	2505.27	-3298.05	0.21	1910750.02	123008.81	N 36.244651	W 107.528453
	9405.00	90.66	287.52	5548.91	4200.87	2524.61	-3359.04	1.53	1910770.15	122948.07	N 36.244704	W 107.528660
	9468.00	89.34	286.89	5548.91	4260.65	2543.25	-3419.22	2.32	1910789.57	122888.14	N 36.244756	W 107.528864
	9531.00	89.87	287.24	5549.34	4320.38	2561.73	-3479.45	1.01	1910808.84	122828.16	N 36.244806	W 107.529069
	9594.00	91.28	288.01	5548.71	4380.30	2580.81	-3539.48	2.55	1910828.70	122768.37	N 36.244859	W 107.529272
	9657.00	91.10	288.12	5547.40	4440.36	2600.34	-3599.36	0.33	1910849.02	122708.74	N 36.244912	W 107.529475
	9690.00	91.01	288.18	5546.79	4471.84	2610.62	-3630.72	0.33	1910859.70	122677.53	N 36.244940	W 107.529582
	9756.00	91.01	288.18	5545.63	4534.80	2631.21	-3693.41	0.00	1910881.11	122615.10	N 36.244997	W 107.529794
Proj to BH/UD	9759.00	91.01	288.18	5545.58	4537.66	2632.14	-3696.26	0.00	1910882.09	122612.26	N 36.245000	W 107.529804

Survey Type: Def Survey

Survey Error Model: ISCWSA Rev 0 *** 3-D 95.000% Confidence 2.7955 sigma
Survey Program:

Description	Part	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size (in)	Casing Diameter (in)	Survey Tool Type	Borehole / Survey
	1	0.000	14.000	1/98.425	12.250	8.625	ZERO	OH / Chaco 2306-07L #181H GYRO-MWD On to 9759ft Final
	1	14.000	14.000	Act Sins	12.250	8.625	ZERO	



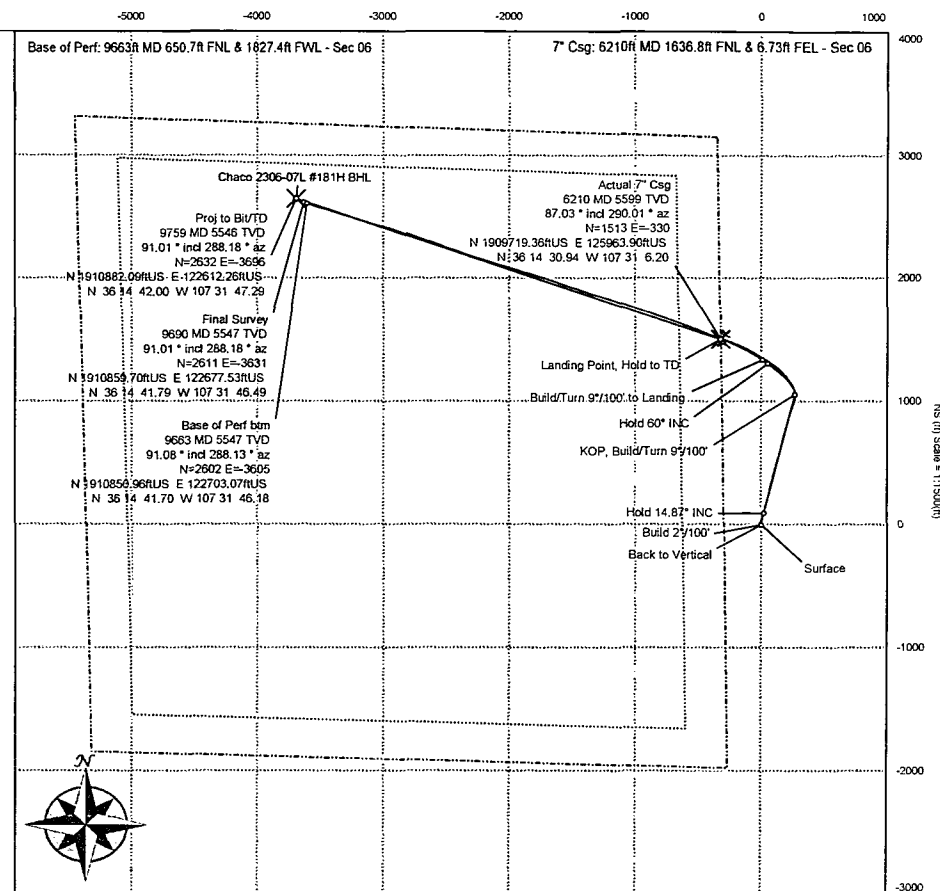
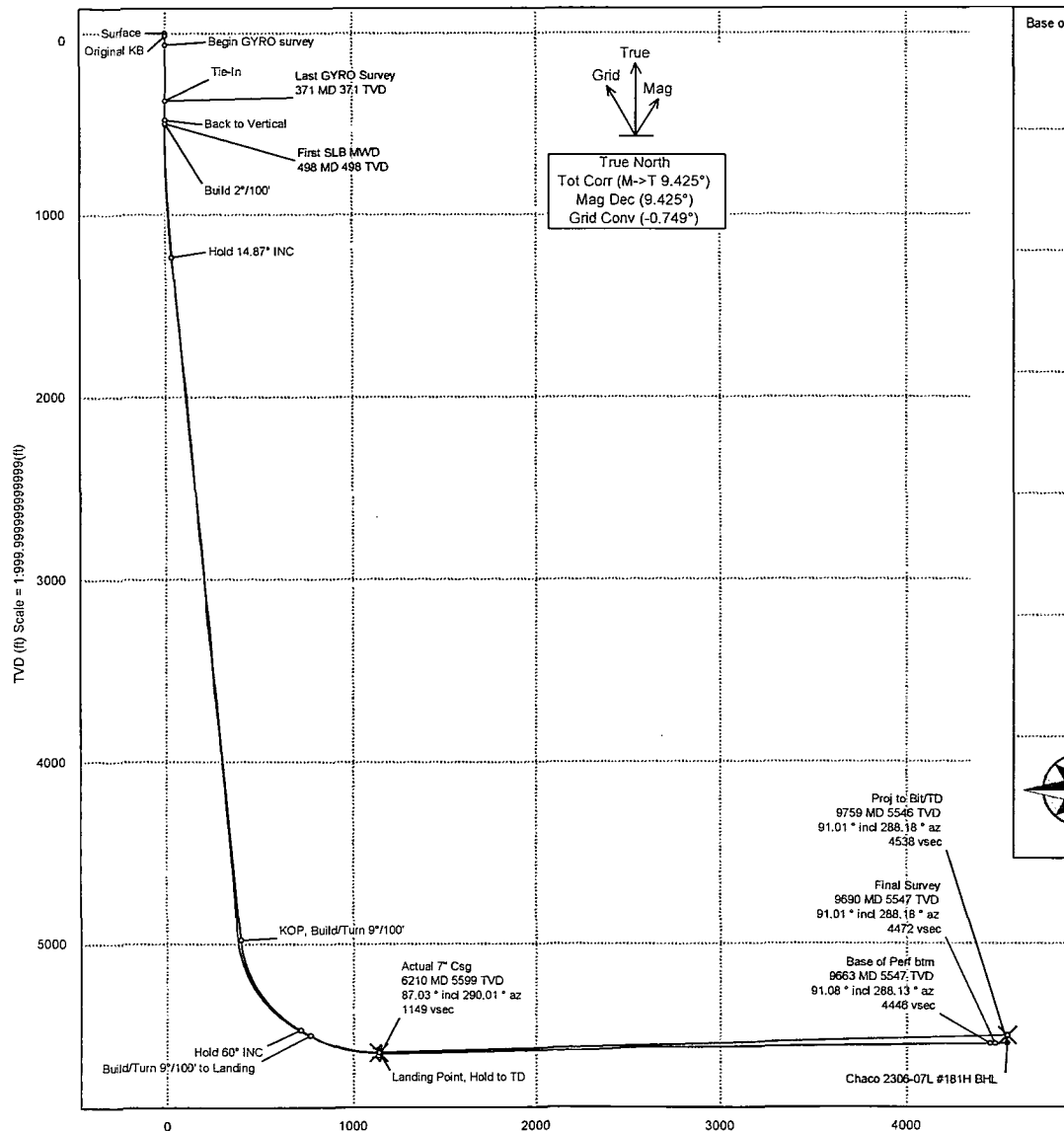
WPX Energy

PATHFINDER
A Schlumberger Company

Borehole: **OH / Rev1 Final PvA** Well: **Chaco 2306-07L #181H** Field: **NM, Rio Arriba / Section 07-23N-6W** Structure: **(Chaco 2306-07L Pad) / AWS 980**

Gravity & Magnetic Parameters			Surface Location			Miscellaneous		
Model: BGGM 2014	Dip: 63.014°	Date: 25-Aug-2014	Lat: N 36 14 15.97	North: 1908201.68RUS	Grid Conv: -0.7492°	Chaco 2306-07L #	TVD Ref: KB 14ft @ 6964ft / GL: 6950ft above MSL	
MagDec: 9.425°	FS: 50075.255nT	Gravity FS: 998.495mg (9.80665 Based)	Lon: W 107 31 2.17	Easting: 126274RUS	Scale Fact: 1.00005983	Slot: 181H		
						Plan: Chaco 2306-07L #181H GYRO+MWD Off to 9759ft Final		

EW (ft) Scale = 1:1500(ft)



OIL CONS. DIV DIST. 3

OCT 23 2014

Vertical Section (ft) Azim = 305.6° Scale = 1:1000(ft) Origin = 0N/-S, 0E/-W