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District II
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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 30-039-31173		*Pool Code 42289	*Pool Name LYBROOK GALLUP
*Property Code 39688	*Property Name CHACO 2307-12E		*Well Number 168H
*OGRID No. 120782	*Operator Name WPX ENERGY PRODUCTION, LLC		*Elevation 7036'

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
E	12	23N	7W		1492	NORTH	303	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
D	11	23N	7W	2	563	NORTH	379	WEST	RIO ARriba

¹² Dedicated Acres 156.09 Acres N/2 N/2 - Section 11					¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. RCVD JUL 9 '13 OIL CONS. DIV.
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DIST. 3

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

END-OF-LATERAL
563' FNL 379' FWL
SECTION 11, T23N, R7W
LAT: 36.24587°N
LONG: 107.55173°W
DATUM: NAD1927

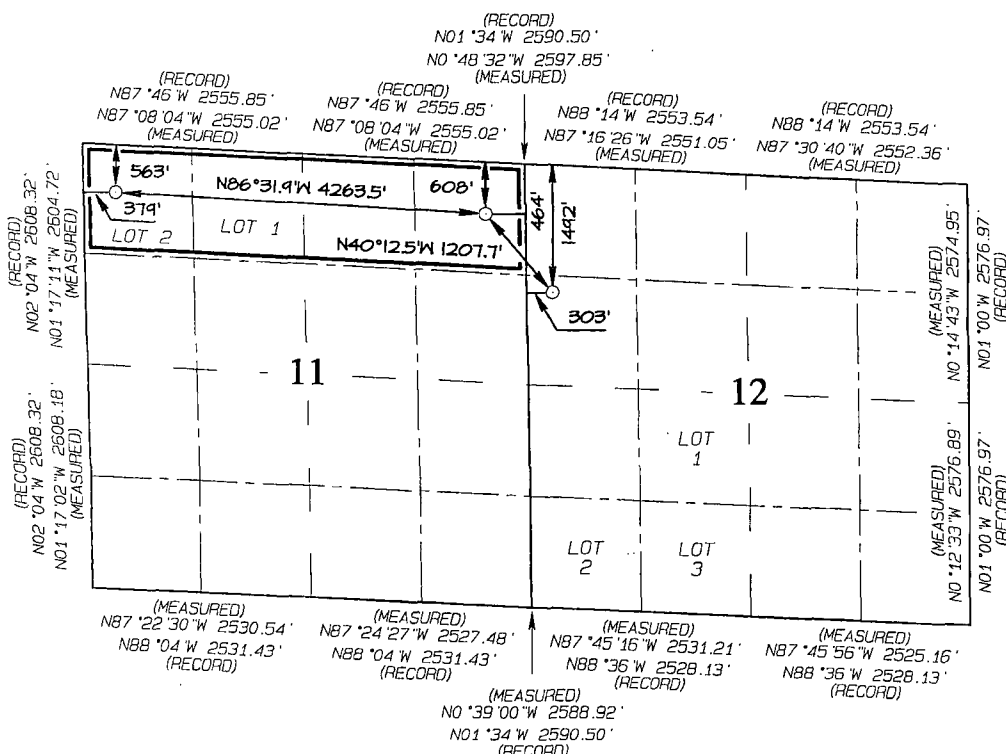
LAT: 36.24588°N
LONG: 107.55234°W
DATUM: NAD1983

POINT-OF-ENTRY
608' FNL 464' FEL
SECTION 11, T23N, R7W
LAT: 36.24532°N
LONG: 107.53729°W
DATUM: NAD1927

LAT: 36.24533°N
LONG: 107.53790°W
DATUM: NAD1983

SURFACE LOCATION
1492' FNL 303' FWL
SECTION 12, T23N, R7W
LAT: 36.24281°N
LONG: 107.53460°W
DATUM: NAD1927

LAT: 36.24283°N
LONG: 107.53521°W
DATUM: NAD1983



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: 7/8/13

Printed Name: Larry Higgins

E-mail Address: larry.higgins@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 17, 2013
Survey Date: AUGUST 20, 2012

Signature and Seal of Professional Surveyor



JASON C. EDWARDS
Certificate Number 15269

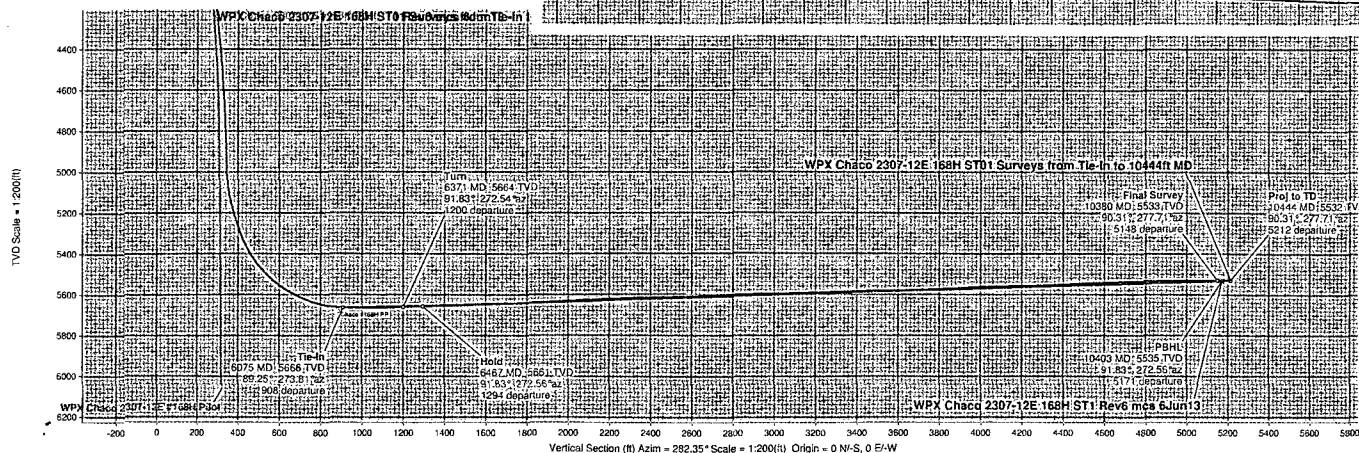
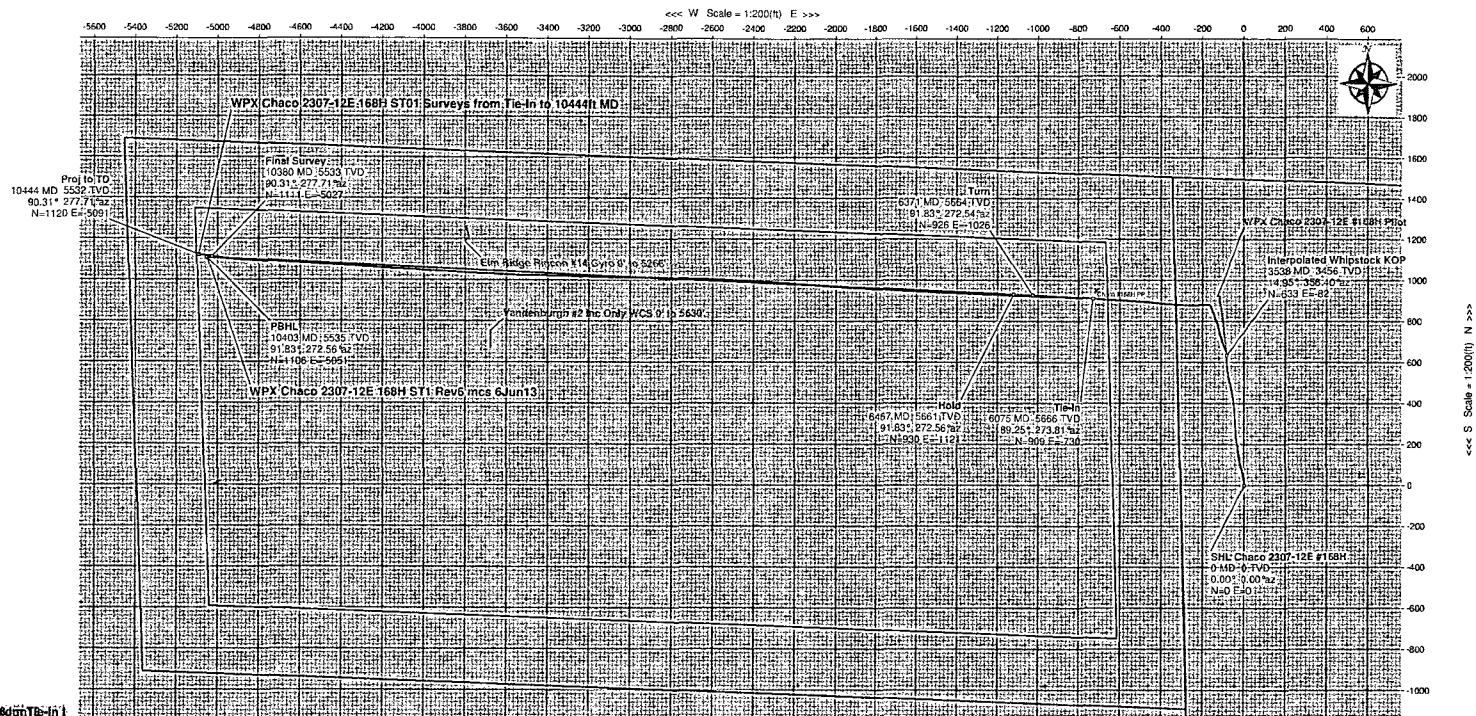


WPX Energy

PATHFINDER
A Schlumberger Company

WELL				Chaco 2307-12E 168H				30-039-31173				FIELD				Rio Arriba County, NM NAD27				STRUCTURE				AWS 980							
Magnetic Parameters								Source Location								Miscellaneous															
Model:		BGM 2012		Dip:		53.007°		Date:		May 27, 2013		Lat:		N 36 14 34.116		North:		NAD27 New Mexico State Plane, Central Zone, U.S. Feet		Grid Cont:		-1760°		Site:		Chaco 2307-12E 168H		YVD Ref:		RAB/2011 ft above MSL	
Mag Dec:		9.551°		FS:		50213.567		Long:		W 107 32 4.560		Easting:		121187.34 01US		Scale Fact:		1.00009421		Plant:		NT Rev 6 new client 1		Site Date:		May 27, 2013					

FINAL PVA



True North
Tot Corr (M->T 9.5514°)
Mag Dec (9.551°)
Grid Conv (-0.760°)

Drawn By: MSheller
Date Created: June 07, 2013 09:02:01 AM
Checked By:
Checked Date:
Approved By:
Approved Date:



WPX Chaco 2307-12E 168H ST01 Surveys from Tie-In to 10444ft MD Survey Geodetic Report (Non-Def Survey)



Report Date: June 10, 2013 - 09:27 AM
Client: WPX Energy
Field: NM Rio Arriba County NAD27
Structure / Slot: WPX Chaco 2307-12E #168H / Chaco 2307-12E #168H
Well: Chaco 2307-12E #168H
Borehole: ST1
UWI / API#: Unknown / Unknown
Survey Name: WPX Chaco 2307-12E 168H ST01 Surveys from Tie-In to 10444ft MD
Survey Date: May 27, 2013
Tort / AHD / DDI / ERD Ratio: 190.804 * / 5853.181 ft / 6.314 / 1.033
Coordinate Reference System: NAD27 New Mexico State Plane, Central Zone, US Feet
Location Lat / Long: N 36° 14' 34.11600", W 107° 32' 4.56000"
Location Grid N/E Y/X: N 1910103.712 RUS, E 121187.342 RUS
CRS Grid Convergence Angle: -0.7596 *
Grid Scale Factor: 1.00006421

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 282.347 * (True North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: RKB
TVD Reference Elevation: 7051.000 ft above MSL
Seabed / Ground Elevation: 7036.000 ft above MSL
Magnetic Declination: 9.551 *
Total Gravity Field Strength: 998.4826mgn (9.80665 Based)
Total Magnetic Field Strength: 50213.464 nT
Magnetic Dip Angle: 63.007 *
Declination Date: May 27, 2013
Magnetic Declination Model: BGGM 2012
North Reference: True North
Grid Convergence Used: 0.0000 *
Total Corr Mag North -> True North: 9.5514 *
Local Coord Referenced To: Structure Reference Point

Comments	MD (ft)	Incl (°)	Azim True (°)	TVD (ft)	TVDSS (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (ft/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
SHL Chaco 2307-12E #168H	0.00	0.00	0.00	0.00	-7051.00	0.00	0.00	0.00	N/A	1910103.71	121187.34	N 36 14 34.12	W 107 32 4.56
	492.00	1.76	173.71	491.92	-6559.08	-2.41	-7.51	0.83	0.36	1910095.19	121188.07	N 36 14 34.04	W 107 32 4.55
	525.00	1.76	171.51	524.91	-6526.09	-2.76	-8.52	0.96	0.20	1910095.18	121188.19	N 36 14 34.03	W 107 32 4.55
	587.00	0.35	128.44	586.90	-6464.10	-3.27	-9.57	1.25	2.46	1910094.12	121188.46	N 36 14 34.02	W 107 32 4.54
	648.00	0.62	10.95	647.89	-6403.11	-3.42	-9.37	1.46	1.38	1910094.33	121188.67	N 36 14 34.02	W 107 32 4.54
	709.00	2.02	356.80	708.88	-6342.12	-3.13	-7.97	1.48	2.34	1910095.72	121188.69	N 36 14 34.04	W 107 32 4.54
	770.00	3.08	353.54	769.82	-6281.16	-2.31	-5.27	1.21	1.75	1910098.43	121188.49	N 36 14 34.06	W 107 32 4.55
	832.00	4.13	352.83	831.69	-6219.31	-1.03	-1.40	0.75	1.70	1910102.31	121188.07	N 36 14 34.10	W 107 32 4.55
	893.00	5.28	353.72	892.49	-6158.51	0.60	3.57	0.17	1.89	1910107.28	121187.56	N 36 14 34.15	W 107 32 4.56
	954.00	6.24	354.57	953.18	-6097.82	2.51	9.66	-0.45	1.58	1910113.38	121187.02	N 36 14 34.21	W 107 32 4.57
	1015.00	7.03	352.92	1013.77	-6037.23	4.76	16.67	-1.23	1.33	1910120.40	121186.34	N 36 14 34.28	W 107 32 4.57
	1077.00	7.56	350.95	1075.27	-5975.73	7.51	24.46	-2.34	0.95	1910128.20	121185.33	N 36 14 34.36	W 107 32 4.59
	1138.00	8.00	349.45	1135.70	-5915.30	10.63	32.60	-3.75	0.79	1910136.36	121184.03	N 36 14 34.44	W 107 32 4.61
	1199.00	8.18	349.77	1196.10	-5854.90	13.95	41.04	-5.29	0.30	1910144.82	121182.59	N 36 14 34.52	W 107 32 4.62
	1260.00	8.71	350.58	1256.44	-5794.56	17.33	49.87	-6.82	0.89	1910153.67	121181.18	N 36 14 34.61	W 107 32 4.64
	1321.00	9.41	350.04	1316.67	-5734.33	20.93	59.34	-8.44	1.16	1910163.16	121179.69	N 36 14 34.70	W 107 32 4.66
	1382.00	10.02	349.93	1376.80	-5674.20	24.85	69.47	-10.23	1.00	1910173.32	121178.03	N 36 14 34.80	W 107 32 4.68
	1443.00	11.26	350.96	1436.75	-5614.25	29.04	80.58	-12.09	2.06	1910184.45	121176.32	N 36 14 34.91	W 107 32 4.71
	1507.00	12.66	351.25	1499.36	-5551.64	33.85	93.68	-14.14	2.19	1910197.58	121174.44	N 36 14 35.04	W 107 32 4.73
	1570.00	13.96	351.95	1560.68	-5490.34	38.98	108.04	-16.26	2.11	1910211.97	121172.52	N 36 14 35.18	W 107 32 4.78
	1634.00	15.21	352.47	1622.60	-5428.40	44.53	124.02	-18.44	1.93	1910227.97	121170.55	N 36 14 35.34	W 107 32 4.79
	1697.00	15.83	352.93	1683.30	-5367.70	50.20	140.74	-20.58	1.00	1910244.72	121168.63	N 36 14 35.51	W 107 32 4.81
	1761.00	15.92	352.14	1744.88	-5306.14	56.13	158.10	-22.86	0.37	1910262.11	121166.58	N 36 14 35.68	W 107 32 4.84
	1824.00	15.65	351.93	1805.48	-5245.52	62.08	175.07	-25.23	0.44	1910279.11	121164.43	N 36 14 35.85	W 107 32 4.87
	1888.00	15.39	351.28	1867.15	-5183.85	68.15	192.01	-27.73	0.49	1910296.09	121162.16	N 36 14 36.01	W 107 32 4.90
	1951.00	15.92	351.18	1927.81	-5123.19	74.27	208.81	-30.32	0.84	1910312.92	121159.79	N 36 14 36.18	W 107 32 4.93
	2015.00	16.00	352.68	1989.34	-5061.68	80.41	226.23	-32.79	0.66	1910330.38	121157.55	N 36 14 36.35	W 107 32 4.96
	2079.00	15.48	352.22	2050.94	-5000.08	86.32	243.45	-35.07	0.84	1910347.62	121155.50	N 36 14 36.52	W 107 32 4.99
	2142.00	15.83	355.18	2111.61	-4939.39	91.75	260.34	-36.93	1.38	1910364.53	121153.86	N 36 14 36.69	W 107 32 5.01
	2206.00	16.27	356.05	2173.11	-4877.89	96.84	277.98	-38.28	0.78	1910382.19	121152.75	N 36 14 36.86	W 107 32 5.03
	2269.00	16.00	357.08	2233.63	-4817.37	101.60	295.46	-39.33	0.62	1910399.68	121151.93	N 36 14 37.04	W 107 32 5.04
	2333.00	15.48	356.44	2295.23	-4755.77	106.26	312.79	-40.31	0.86	1910417.03	121151.18	N 36 14 37.21	W 107 32 5.05
	2396.00	14.86	356.70	2356.04	-4694.96	110.75	329.25	-41.30	0.99	1910433.50	121150.41	N 36 14 37.37	W 107 32 5.08
	2459.00	15.04	355.09	2416.90	-4634.10	115.35	345.45	-42.46	0.72	1910449.72	121149.48	N 36 14 37.53	W 107 32 5.08
	2523.00	14.95	354.28	2478.72	-4572.28	120.37	361.94	-44.00	0.36	1910466.23	121148.14	N 36 14 37.70	W 107 32 5.10
	2586.00	15.74	353.23	2539.48	-4511.52	125.69	378.51	-45.81	1.33	1910482.82	121146.55	N 36 14 37.86	W 107 32 5.12
	2650.00	15.83	353.33	2601.06	-4449.94	131.38	395.80	-47.85	0.15	1910500.14	121144.74	N 36 14 38.03	W 107 32 5.14
	2714.00	15.39	352.48	2662.70	-4388.30	137.11	412.69	-49.98	0.77	1910517.26	121142.84	N 36 14 38.20	W 107 32 5.17
	2777.00	14.77	352.95	2723.53	-4327.47	142.62	429.15	-52.06	1.00	1910533.54	121140.98	N 36 14 38.36	W 107 32 5.20
	2840.00	14.16	351.07	2784.54	-4266.46	148.08	444.73	-54.24	1.22	1910549.15	121139.00	N 36 14 38.51	W 107 32 5.22
	2904.00	14.51	347.23	2846.55	-4204.45	154.33	460.29	-57.23	1.58	1910564.75	121136.22	N 36 14 38.67	W 107 32 5.26
	2967.00	15.30	348.33	2907.43	-4143.57	161.06	476.12	-60.65	1.33	1910580.63	121133.00	N 36 14 38.82	W 107 32 5.30
	3031.00	16.44	349.01	2968.99	-4082.01	168.08	493.28	-64.09	1.80	1910597.83	121129.80	N 36 14 38.99	W 107 32 5.34
	3094.00	16.18	347.92	3029.45	-4021.55	175.25	510.62	-67.62	0.64	1910615.21	121126.49	N 36 14 39.17	W 107 32 5.39
	3157.00	16.44	349.12	3089.91	-3961.09	182.39	527.96	-71.14	0.68	1910632.60	121123.20	N 36 14 39.34	W 107 32 5.43
	3221.00	16.80	351.58	3151.24	-3899.76	189.25	546.00	-74.21	1.23	1910650.88	121120.37	N 36 14 39.52	W 107 32 5.47
	3284.00	16.44	352.95	3211.81	-3839.39	195.44	563.85	-76.64	0.85	1910668.57	121118.18	N 36 14 39.69	W 107 32 5.50
	3348.00	16.27	355.77	3273.02	-3777.98	201.00	581.78	-78.41	1.27	1910686.52	121116.64	N 36 14 39.87	W 107 32 5.52
	3411.00	15.92	355.41	3333.55	-3717.45	206.04	599.20	-79.76	0.58	1910703.95	121115.53	N 36 14 40.04	W 107 32 5.53
	3474.00	15.56	356.23	3394.19	-3656.81	210.90	616.24	-81.00	0.67	1910721.01	121114.51	N 36 14 40.21	W 107 32 5.55
Interpolated Whipstock KOP	3538.00	14.85	356.40	3455.93	-3595.07	215.55	633.04	-82.09	0.98	1910737.83	121113.65	N 36 14 40.38	W 107 32 5.56
	3612.00	13.54	348.77	3527.66	-3523.34	221.84	651.07	-84.37	3.17	1910755.88	121111.60	N 36 14 40.55	W 107 32 5.59
	3644.00	13.28	339.45	3558.79	-3492.21	225.14	658.19	-86.39	6.80	1910763.03	121109.68	N 36 14 40.62	W 107 32 5.81
	3675.00	13.10	337.35	3588.98	-3462.02	229.08	664.76	-88.99	1.65	1910769.64	121107.16	N 36 14 40.69	W 107 32 5.85
	3739.00	13.28	336.66	3651.29	-3399.71	237.53	678.21	-94.70	0.37	1910783.16	121101.64	N 36 14 40.82	W 107 32 5.72
	3802.00	13.28	339.03	3712.60	-3338.40	245.73	691.61	-100.16	0.86	1910796.63	121096.36	N 36 14 40.96	W 107 32 5.78
	3866.00	13.10	345.31	3774.92	-3276.08	253.06	705.49	-104.63	2.26	1910810.57	121092.07	N 36 14 41.09	W 107 32 5.84
	3929.00	12.57	346.18	3836.34	-3214.68	259.33	719.05	-108.07	0.90	1910824.18	121088.80	N 36 14 41.23	W 107 32 5.88
	3993.00	12.05	345.67	3898.87	-3152.13	265.40	732.29	-111.39	0.83	1910837.46	121085.66	N 36 14 41.36	W 107 32 5.92
	4056.00	11.96	345.97	3960.50	-3090.50	271.25	744.99	-114.60	0.17	1910850.20	121082.62	N 36 14 41.48	W 107 32 5.96
	4120.00	11.70	346.38	4023.14	-3027.86	277.04	757.73	-117.74	0.43	1910862.98	121079.65	N 36 14 41.61	W 107 32 6.00
	4183.00	11.26	345.88	4084.88	-2966.12	282.58	769.90	-120.74	0.72	1910875.20	121076.81	N 36 14 41.73	W 107 32 6.03
	4247.00	11.34	341.13	4147.64	-2903.36	288.63	781.92	-124.30	1.46	1910887.26	121073.41	N 36 14 41.85	W 107 32 6.08
	4310.00	11.26	340.52	4209.41	-2841.59	295.08	793.58	-128.36	0.23	1910898.97	121069.51	N 36 14 41.96	W 107 32 6.13
	4373.00	10.64	340.26	4271.27	-2779.73	301.41	804.85	-132.37	0.99	1910910.30	121065.64	N 36 14 42.08	W 107 32 6.18
	4437.00	10.20	338.00	4334.21	-2716.79	307.75	815.66	-136.48	0.94	1910921.17	121061.67	N 36 14 42.18	W 107 32 6.23
	4501.00	10.29	338.95	4397.19	-2653.81	314.09	826.25	-1440.					

Comments	MD (ft)	Incl (°)	Azim True (°)	TVD (ft)	TVDSS (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (ft/100ft)	Northing (NUS)	Easting (EUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
	5124.00	1.41	311.58	5016.88	-2034.12	347.94	878.94	-163.79	2.09	1910984.80	121035.21	N 36 14 42.81	W 107 32 6.56
	5188.00	6.95	273.92	5080.69	-1970.31	352.46	879.73	-166.24	9.21	1910985.65	121030.77	N 36 14 42.82	W 107 32 6.61
	5251.00	14.25	268.88	5142.57	-1908.43	363.79	879.84	-179.81	11.87	1910985.91	121019.20	N 36 14 42.82	W 107 32 6.76
	5314.00	17.67	268.42	5203.13	-1847.87	380.62	879.42	-197.13	5.43	1910985.72	121001.88	N 36 14 42.81	W 107 32 6.97
	5378.00	17.24	268.80	5264.19	-1786.81	399.18	878.62	-216.31	1.01	1910985.18	120982.69	N 36 14 42.80	W 107 32 7.20
	5441.00	23.39	268.81	5323.24	-1727.76	420.35	877.84	-238.15	9.82	1910984.69	120960.83	N 36 14 42.80	W 107 32 7.47
	5505.00	29.19	271.33	5380.60	-1670.40	448.05	877.84	-266.48	9.23	1910985.16	120932.51	N 36 14 42.80	W 107 32 7.81
	5568.00	35.00	272.53	5433.95	-1617.05	480.96	879.09	-299.92	9.28	1910985.76	120899.09	N 36 14 42.81	W 107 32 8.22
	5632.00	42.21	273.47	5483.93	-1567.07	520.34	881.21	-339.77	11.30	1910989.40	120859.27	N 36 14 42.83	W 107 32 8.71
	5695.00	48.98	275.05	5527.99	-1523.01	564.88	884.59	-384.62	10.89	1910993.37	120814.46	N 36 14 42.86	W 107 32 9.28
	5758.00	55.22	274.97	5566.97	-1484.33	614.15	888.92	-434.12	9.91	1910996.37	120765.02	N 36 14 42.81	W 107 32 9.86
	5822.00	62.78	274.24	5599.61	-1451.39	668.47	893.31	-486.78	11.85	1911003.48	120710.44	N 36 14 42.95	W 107 32 10.53
	5885.00	68.06	273.49	5625.80	-1425.20	725.12	897.16	-545.90	8.45	1911008.09	120653.35	N 36 14 42.99	W 107 32 11.22
	5948.00	73.69	273.87	5646.44	-1404.56	783.94	900.99	-605.28	8.95	1911012.70	120594.03	N 36 14 43.03	W 107 32 11.95
	6011.00	80.37	273.79	5660.57	-1390.43	844.62	905.08	-668.50	10.60	1911017.61	120532.86	N 36 14 43.07	W 107 32 12.70
	6075.00	89.25	273.81	5666.35	-1384.65	907.58	909.30	-730.03	13.88	1911022.67	120469.38	N 36 14 43.11	W 107 32 13.47
	6148.00	92.24	272.23	5665.40	-1385.80	979.80	913.15	-802.91	4.63	1911027.48	120396.56	N 36 14 43.15	W 107 32 14.86
	6210.00	91.45	271.91	5663.41	-1387.59	1040.57	915.39	-864.84	1.37	1911030.54	120334.66	N 36 14 43.17	W 107 32 15.12
	6271.00	91.28	271.73	5661.95	-1389.05	1100.53	917.32	-925.79	0.41	1911033.29	120273.74	N 36 14 43.19	W 107 32 15.86
	6334.00	91.28	271.83	5660.55	-1390.45	1162.45	919.28	-988.74	0.16	1911036.08	120210.81	N 36 14 43.21	W 107 32 16.63
	6398.00	91.19	272.11	5659.17	-1391.83	1225.39	921.48	-1052.69	0.46	1911039.12	120146.89	N 36 14 43.23	W 107 32 17.41
	6462.00	91.54	272.15	5657.64	-1393.36	1288.35	923.86	-1116.63	0.55	1911042.35	120082.99	N 36 14 43.25	W 107 32 18.19
	6525.00	91.45	272.31	5656.00	-1395.00	1350.35	926.31	-1179.56	0.29	1911045.63	120020.09	N 36 14 43.28	W 107 32 18.96
	6589.00	91.80	272.32	5654.18	-1396.82	1413.35	928.89	-1243.48	0.55	1911049.07	119956.21	N 36 14 43.30	W 107 32 19.74
	6652.00	91.63	272.27	5652.30	-1398.70	1475.35	931.41	-1306.40	0.28	1911052.42	119893.32	N 36 14 43.33	W 107 32 20.51
	6716.00	92.15	272.62	5650.19	-1400.81	1538.37	934.14	-1370.31	0.68	1911056.00	119829.45	N 36 14 43.35	W 107 32 21.29
	6779.00	91.63	272.12	5648.11	-1402.86	1600.38	936.75	-1433.22	1.14	1911059.44	119766.58	N 36 14 43.38	W 107 32 22.06
	6843.00	91.54	272.63	5646.34	-1404.66	1663.39	939.40	-1497.14	0.81	1911062.93	119702.69	N 36 14 43.41	W 107 32 22.84
	6906.00	91.54	272.52	5644.65	-1406.35	1725.45	942.23	-1560.06	0.17	1911066.60	119639.82	N 36 14 43.43	W 107 32 23.60
	6970.00	91.98	272.52	5642.68	-1408.32	1788.48	945.04	-1623.96	0.89	1911070.26	119575.95	N 36 14 43.46	W 107 32 24.38
	7034.00	92.42	272.91	5640.22	-1410.78	1851.53	948.07	-1687.84	0.92	1911074.13	119512.11	N 36 14 43.49	W 107 32 25.16
	7097.00	92.59	273.38	5637.47	-1413.53	1913.66	951.52	-1750.69	0.79	1911078.42	119449.31	N 36 14 43.52	W 107 32 25.93
	7161.00	92.51	273.50	5634.62	-1416.38	1976.83	955.36	-1814.51	0.23	1911083.10	119385.54	N 36 14 43.56	W 107 32 26.71
	7225.00	92.42	273.41	5631.87	-1419.13	2040.00	959.21	-1878.34	0.20	1911087.80	119321.77	N 36 14 43.60	W 107 32 27.49
	7288.00	92.33	273.69	5629.26	-1421.74	2102.21	963.11	-1941.16	0.47	1911092.53	119259.00	N 36 14 43.64	W 107 32 28.26
	7352.00	92.24	273.83	5626.71	-1424.29	2165.44	967.30	-2004.97	0.26	1911097.57	119195.25	N 36 14 43.68	W 107 32 29.04
	7415.00	92.07	273.63	5624.34	-1426.66	2227.66	971.40	-2067.79	0.42	1911102.50	119132.48	N 36 14 43.72	W 107 32 29.80
	7479.00	91.89	273.91	5622.13	-1428.87	2290.93	975.60	-2131.62	0.52	1911107.55	119068.71	N 36 14 43.76	W 107 32 30.58
	7543.00	91.63	272.22	5620.16	-1430.84	2354.23	980.14	-2195.43	0.83	1911112.93	119004.97	N 36 14 43.81	W 107 32 31.36
	7606.00	91.28	273.93	5618.56	-1432.44	2416.56	984.81	-2258.25	0.72	1911118.24	118942.21	N 36 14 43.85	W 107 32 32.13
	7670.00	91.54	272.76	5616.99	-1434.01	2479.75	988.35	-2322.12	1.87	1911122.82	118878.39	N 36 14 43.89	W 107 32 32.91
	7733.00	91.45	272.78	5615.34	-1435.66	2541.85	991.39	-2385.02	0.15	1911126.70	118815.52	N 36 14 43.92	W 107 32 33.68
	7796.00	92.15	272.85	5613.36	-1437.64	2603.95	994.48	-2447.91	1.12	1911130.62	118752.67	N 36 14 43.95	W 107 32 34.44
	7860.00	91.80	273.07	5611.16	-1439.84	2667.05	997.79	-2511.79	0.65	1911134.77	118688.84	N 36 14 43.98	W 107 32 35.22
	7924.00	91.36	273.18	5609.39	-1441.61	2730.20	1001.27	-2575.67	0.71	1911139.11	118625.01	N 36 14 44.02	W 107 32 36.00
	7988.00	91.98	271.92	5607.53	-1443.47	2793.24	1004.12	-2639.58	2.19	1911142.80	118561.14	N 36 14 44.04	W 107 32 36.78
	8051.00	92.42	271.43	5605.11	-1445.89	2855.10	1005.95	-2702.50	1.04	1911145.47	118498.24	N 36 14 44.06	W 107 32 37.55
	8115.00	91.89	271.69	5602.70	-1448.30	2917.93	1007.70	-2766.44	0.92	1911148.06	118434.34	N 36 14 44.08	W 107 32 38.33
	8179.00	91.10	271.64	5601.03	-1449.97	2980.80	1009.56	-2830.39	1.24	1911150.77	118370.41	N 36 14 44.10	W 107 32 39.11
	8242.00	91.71	270.37	5599.49	-1451.51	3042.55	1010.67	-2893.36	2.24	1911152.71	118307.46	N 36 14 44.11	W 107 32 39.88
	8306.00	91.89	270.71	5597.48	-1453.52	3105.16	1011.27	-2957.32	0.80	1911154.16	118243.50	N 36 14 44.11	W 107 32 40.66
	8369.00	91.36	270.60	5595.69	-1455.31	3166.83	1011.89	-3020.29	0.86	1911155.71	118180.54	N 36 14 44.12	W 107 32 41.43
	8433.00	92.07	270.79	5593.78	-1457.22	3229.48	1012.76	-3084.26	1.15	1911157.34	118116.59	N 36 14 44.13	W 107 32 42.21
	8496.00	91.63	271.01	5591.74	-1459.26	3291.20	1013.75	-3147.22	0.78	1911159.16	118053.64	N 36 14 44.14	W 107 32 42.98
	8560.00	91.10	271.27	5590.22	-1460.78	3353.96	1015.03	-3211.19	0.92	1911161.28	117989.69	N 36 14 44.15	W 107 32 43.76
	8624.00	91.63	271.99	5588.69	-1462.31	3416.82	1016.85	-3275.14	1.40	1911163.95	117925.76	N 36 14 44.17	W 107 32 44.54
	8687.00	91.63	271.78	5586.90	-1464.10	3478.75	1018.82	-3338.08	0.33	1911166.86	117862.85	N 36 14 44.19	W 107 32 45.31
	8750.00	91.54	271.32	5585.16	-1465.84	3540.61	1020.62	-3401.03	0.74	1911169.39	117799.93	N 36 14 44.21	W 107 32 46.08
	8814.00	91.19	271.13	5583.63	-1467.37	3603.39	1021.99	-3465.00	0.62	1911171.61	117735.98	N 36 14 44.22	W 107 32 46.86
	8878.00	91.63	271.16	5582.06	-1468.94	3666.15	1023.27	-3528.97	0.69	1911173.74	117672.03	N 36 14 44.23	W 107 32 47.64
	8942.00	93.21	272.36	5579.36	-1471.64	3729.00	1025.23	-3592.88	3.10	1911176.55	117608.15	N 36 14 44.25	W 107 32 48.42
	9005.00	92.51	272.28	5576.21	-1474.79	3790.96	1027.78	-3655.75	1.12	1911179.93	117545.31	N 36 14 44.28	W 107 32 49.19
	9068.00	92.15	272.12	5573.65	-1477.35	3852.93	1030.19	-3718.65	0.63	1911183.18	117482.44	N 36 14 44.30	W 107 32 49.96
	9132.00	92.59	273.11	5571.01	-1479.99	3915.95	1033.11	-3782.53	1.69	1911186.94	117418.61	N 36 14 44.33	W 107 32 50.74
	9195.00	92.51	273.26	5568.20	-1482.80	3979.09	1036.61	-3845.37	0.27	1911191.27	117355.82	N 36 14 44.36	W 107 32 51.50
	9259.00	92.51	273.64	5565.40	-1485.60	4041.28	1040.46	-3909.19	0.59	1911195.97	117292.05	N 36 14 44.40	W 107 32 52.28
	9323.00	91.36	273.32	5563.24	-1487.76	4104.45	1044.34	-3973.03	1.87	1911200.69	117228.25	N 36 14 44.44	W 107 32 53.06
	9386.00	91.01	273.01	5561.94	-1489.06	4166.63	1047.62	-4035.93	0.74	1911205.01	117165.41	N 36 14 44.47	W 107 32 53.83
	9450.00	91.36	273.05	5560.61	-1490.39	4229.77	1051.20	-4099.82	0.55	1911209.24	117101.56	N 36 14 44.51	W 107 32 54.61
	9513.00	91.89	273.18	5558.83	-1492.17	4291.93	1054.62	-4162.70	0.87	1911213.49	117038.73	N	

Comments	MD (ft)	Incl (°)	Azlm True (°)	TVD (ft)	TVDS (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' '')	Longitude (E/W ° ' '')
	10380.000		10444.000		Act Strs	30.000	30.000	SLB_BLIND-TREND		ST1 / WPX Chaco 2307-12E 168H ST01 Surveys from Tie-In			