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District II
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District III
1000 Rio Brazos Road, Aztec, NM 87410
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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

CONFIDENTIAL

¹ API Number 30-039-31191	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 183H
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	1935	SOUTH	301	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
I	11	23N	7W		2263	SOUTH	217	EAST	RIO ARriba

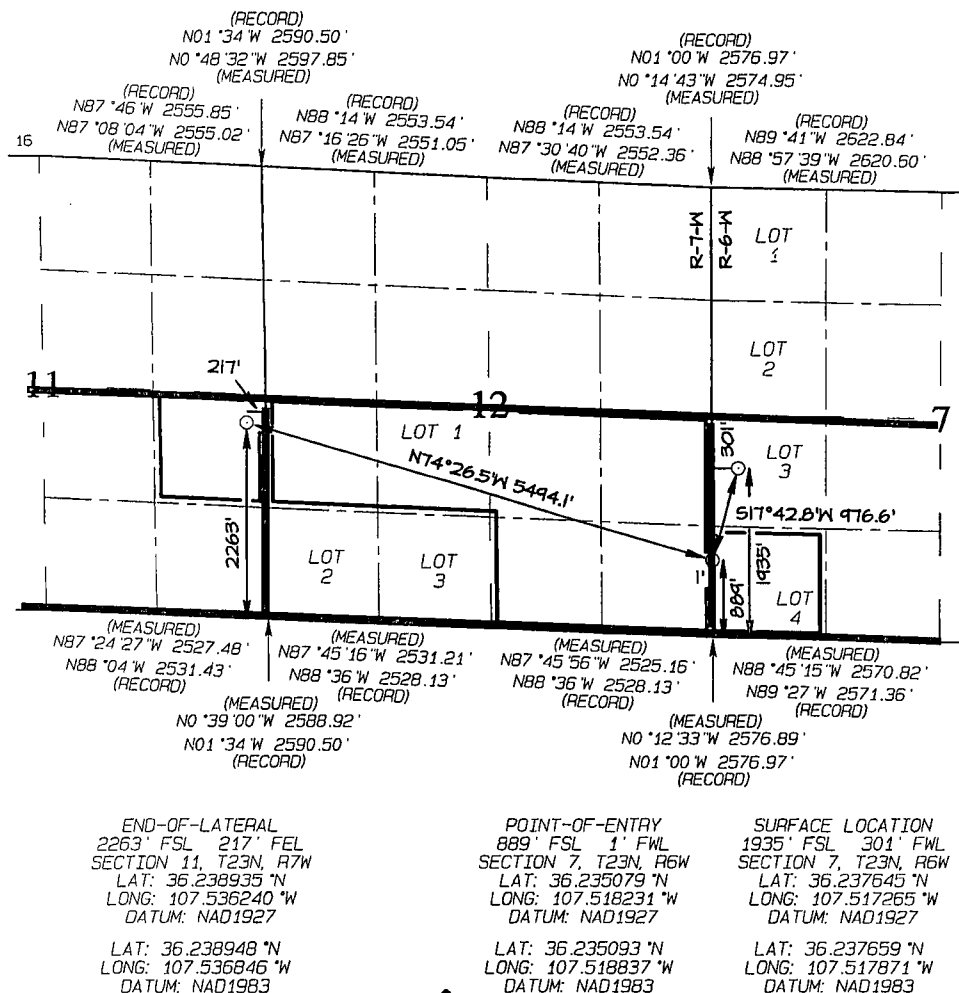
¹² Dedicated Acres S2 7, S2 12, S2 7	953.82 ACRE	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-13817-A
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9,237.3 acres

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

OIL CONS. DIV DIST. 3

OCT 23 2014



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

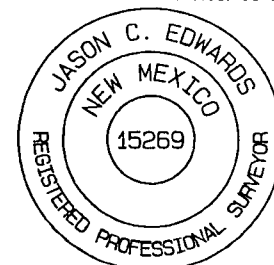
E-mail Address

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: SEPTEMBER 19, 2014
Date of Survey: OCTOBER 1, 2012

Signature and Seal of Professional Surveyor



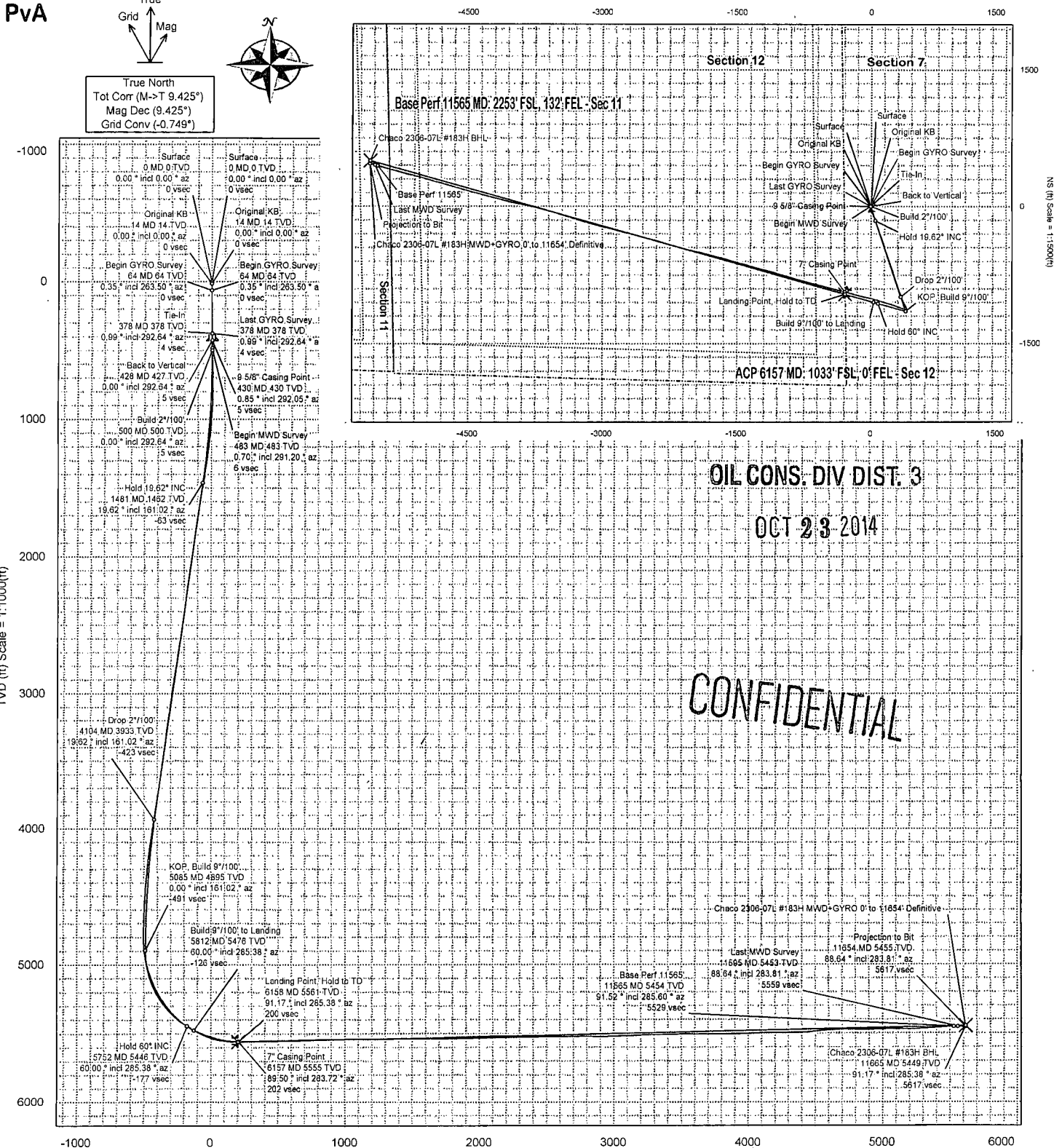
JASON C. EDWARDS

Certificate Number 15269

AV

Borehole:	Well:	Field:	Structure:
Original Hole	Chaco 2306-07L #183H	NM, Rio Arriba (NAD 27 CZ)	WPX 7-23N-6W (Chaco 2306-07L Pad) - AWS 980

Gravity & Magnetic Parameters	Surface Location	Miscellaneous
Model: BGGM 2014 Dip: 63.014° Date: 25-Aug-2014	NAD27 New Mexico State Plane, Central Zone, US Feet	Slot: Chaco 2306-07L #183H TVD Ref: KB 14ft(6984ft above MSL)
MagDec: 9.425° FS: 50075.188nT Gravity FS: 998.495mgm(9.80665 Based)	Lat: N 36 14 15.54 Northing: 1908157.96ftU Grid Conv: -0.7492°	Plan: Chaco 2306-07L #183H MWD+GYRO 0' to 11654' Definitive
	Lon: W 107 31 2.14 Easting: 128276.38ftUS Scale Fact: 1.00005983	
	EVV (ft) Scale = 1:1500(R)	





Chaco 2306-07L #183H MWD+GYRO 0' to 11654' Definitive Survey Geodetic Report (Def Survey)



Report Date: September 15, 2014 - 09:38 AM
Client: WPX Energy
Field: NM, Rio Arriba (NAD 27 CZ)
Structure / Slot: WPX 7-23N-6W (Chaco 2306-07L Pad) - AWS 980 / Chaco 2306-07L #183H
Well: Chaco 2306-07L #183H
Borehole: Original Hole
UWI / API#: Unknown / Unknown
Survey Name: Chaco 2306-07L #183H MWD+GYRO 0' to 11654' Definitive
Survey Date: August 25, 2014
Tort / AHD / DDI / ERD Ratio: 281.137' / 7434.964' / 6.642' / 1.338
Coordinate Reference System: NAD27 New Mexico State Plane, Central Zone, US Feet
Location Lat / Long: N 36° 14' 15.54000", W 107° 31' 2.13600"
Location Grid N/E Y/X: N 1908157.960 IJUS, E 126276.383 IJUS
CRS Grid Convergence Angle: -0.7492 °
Grid Scale Factor: 1.00005963
Version / Patch: 2.8.551.0

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 275.112 ° (True North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: KB 14ft
TVD Reference Elevation: 6964.000 ft above MSL
Seabed / Ground Elevation: 6950.000 ft above MSL
Magnetic Declination: 9.425 °
Total Gravity Field Strength: 998.4953mgn (9.80665 Based)
Gravity Model: GARM
Total Magnetic Field Strength: 50075.188 nT
Magnetic Dip Angle: 63.014 °
Declination Date: August 25, 2014
Magnetic Declination Model: BGGM 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 (%/100ft)	Northing (ftUS)	Eastings (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
Surface	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	1908157.96	126276.38	N 36 14 15.54 W 107 31	2.14
Original KB	14.00	0.00	0.00	14.00	0.00	0.00	0.00	0.00	1908157.96	126276.38	N 36 14 15.54 W 107 31	2.14
Begin GYRO Survey	64.00	0.35	263.50	64.00	0.15	-0.02	-0.15	0.70	1908157.94	126276.23	N 36 14 15.54 W 107 31	2.14
	114.00	0.47	278.05	114.00	0.50	-0.01	-0.51	0.32	1908157.96	126275.88	N 36 14 15.54 W 107 31	2.14
	164.00	0.69	293.86	164.00	0.99	0.14	-0.98	0.54	1908158.12	126275.40	N 36 14 15.54 W 107 31	2.15
	214.00	0.74	290.70	213.99	1.59	0.38	-1.56	0.13	1908158.36	126274.83	N 36 14 15.54 W 107 31	2.16
	264.00	0.96	291.58	263.99	2.30	0.65	-2.25	0.44	1908158.64	126274.14	N 36 14 15.55 W 107 31	2.16
	314.00	1.00	290.79	313.98	3.12	0.96	-3.05	0.08	1908158.96	126273.34	N 36 14 15.55 W 107 31	2.17
	364.00	1.03	288.37	363.97	3.98	1.25	-3.89	0.10	1908159.27	126272.51	N 36 14 15.55 W 107 31	2.18
Last GYRO Survey	378.00	0.99	292.64	377.97	4.22	1.34	-4.12	0.61	1908159.35	126272.28	N 36 14 15.55 W 107 31	2.19
9 5/8" Casing Point	430.00	0.85	292.05	429.96	5.02	1.66	-4.89	0.28	1908159.68	126271.52	N 36 14 15.56 W 107 31	2.20
Begin MWD Survey	483.00	0.70	291.20	482.96	5.70	1.92	-5.55	0.28	1908159.95	126270.86	N 36 14 15.56 W 107 31	2.20
	514.00	0.88	289.61	513.95	6.11	2.07	-5.95	0.58	1908160.11	126270.46	N 36 14 15.56 W 107 31	2.21
	578.00	2.02	238.82	577.94	7.50	1.65	-7.38	2.52	1908159.71	126269.02	N 36 14 15.56 W 107 31	2.23
	641.00	2.37	219.74	640.89	9.13	0.07	-9.16	1.28	1908158.15	126267.22	N 36 14 15.54 W 107 31	2.25
	705.00	3.25	201.37	704.81	10.39	-2.63	-10.67	1.95	1908155.47	126265.68	N 36 14 15.51 W 107 31	2.27
	768.00	4.57	185.38	767.67	10.91	-6.79	-11.56	2.70	1908151.32	126264.74	N 36 14 15.47 W 107 31	2.28
	831.00	5.98	170.44	830.40	10.09	-12.53	-11.25	3.11	1908145.58	126264.97	N 36 14 15.42 W 107 31	2.27
	894.00	7.39	153.56	892.98	7.13	-19.40	-8.90	3.82	1908138.68	126267.23	N 36 14 15.35 W 107 31	2.24
	958.00	8.79	152.15	956.34	2.32	-27.40	-4.78	2.21	1908130.62	126271.24	N 36 14 15.27 W 107 31	2.19
	1021.00	10.38	152.77	1018.46	-3.34	-36.71	0.07	2.53	1908121.25	126275.97	N 36 14 15.18 W 107 31	2.14
	1084.00	11.34	155.23	1080.33	-9.46	-47.38	5.26	1.69	1908110.51	126281.02	N 36 14 15.07 W 107 31	2.07
	1146.00	12.66	156.46	1140.97	-15.75	-59.14	10.53	2.17	1908098.68	126286.14	N 36 14 14.96 W 107 31	2.01
	1206.00	14.42	157.96	1199.30	-22.32	-72.10	15.96	2.99	1908085.66	126291.40	N 36 14 14.83 W 107 31	1.94
	1266.00	16.53	158.40	1257.13	-29.56	-86.96	21.90	3.52	1908070.72	126297.15	N 36 14 14.68 W 107 31	1.87
	1327.00	17.76	159.01	1315.41	-37.56	-103.71	28.43	2.04	1908053.88	126303.46	N 36 14 14.51 W 107 31	1.79
	1388.00	18.64	158.48	1373.96	-46.02	-121.47	35.34	1.47	1908036.03	126310.13	N 36 14 14.34 W 107 31	1.70
	1449.00	19.96	157.60	1430.93	-55.20	-140.17	42.88	2.22	1908017.24	126317.43	N 36 14 14.15 W 107 31	1.61
	1510.00	20.49	157.16	1488.17	-65.01	-159.63	50.99	0.90	1907997.67	126325.29	N 36 14 13.96 W 107 31	1.51
	1571.00	20.31	160.50	1545.35	-74.43	-179.45	58.67	1.93	1907977.75	126332.71	N 36 14 13.77 W 107 31	1.42
	1630.00	20.66	162.88	1600.62	-82.63	-199.05	65.15	1.53	1907958.06	126338.93	N 36 14 13.57 W 107 31	1.34
	1691.00	20.58	161.65	1657.71	-90.97	-219.51	71.70	0.72	1907937.52	126345.21	N 36 14 13.37 W 107 31	1.26
	1752.00	20.31	160.94	1714.87	-99.57	-239.69	78.53	0.60	1907917.25	126351.78	N 36 14 13.17 W 107 31	1.18
	1813.00	19.96	160.07	1772.14	-108.32	-259.49	85.54	0.76	1907897.36	126358.52	N 36 14 12.97 W 107 31	1.09
	1874.00	19.52	159.89	1829.55	-117.07	-278.84	92.59	0.73	1907877.91	126365.32	N 36 14 12.78 W 107 31	1.01
	1935.00	18.64	159.45	1887.20	-125.63	-297.54	99.51	1.46	1907859.12	126372.00	N 36 14 12.60 W 107 31	0.92
	1996.00	18.47	157.60	1945.03	-134.32	-315.60	106.62	1.00	1907840.97	126378.87	N 36 14 12.42 W 107 31	0.83
	2057.00	18.03	157.69	2002.96	-143.13	-333.27	113.88	0.72	1907823.21	126385.91	N 36 14 12.24 W 107 31	0.75
	2117.00	18.99	159.27	2059.86	-151.66	-350.99	120.86	1.81	1907805.40	126392.66	N 36 14 12.07 W 107 31	0.66
	2179.00	20.40	161.03	2118.23	-160.47	-370.65	127.95	2.47	1907785.65	126399.48	N 36 14 11.87 W 107 31	0.57
	2239.00	19.61	159.19	2174.61	-169.13	-389.95	134.93	1.68	1907766.26	126406.21	N 36 14 11.68 W 107 31	0.49
	2300.00	19.35	161.29	2232.12	-177.69	-409.09	141.80	1.22	1907747.03	126412.83	N 36 14 11.49 W 107 31	0.41
	2364.00	18.55	166.83	2321.03	-188.67	-438.40	150.21	2.09	1907717.61	126420.85	N 36 14 11.20 W 107 31	0.30
	2427.00	18.55	162.17	2380.76	-195.72	-457.70	155.56	2.35	1907698.24	126425.95	N 36 14 11.01 W 107 31	0.24
	2520.00	18.99	161.56	2440.41	-203.72	-476.96	161.87	0.76	1907678.89	126432.01	N 36 14 10.82 W 107 31	0.16
	2583.00	20.49	160.33	2499.71	-212.44	-497.07	168.82	2.47	1907658.69	126438.70	N 36 14 10.62 W 107 31	0.08
	2646.00	21.72	159.62	2558.48	-222.08	-518.38	176.59	1.99	1907637.28	126446.19	N 36 14 10.41 W 107 30	59.98
	2709.00	21.37	160.33	2617.08	-231.91	-540.12	184.52	0.69	1907615.44	126453.83	N 36 14 10.20 W 107 30	59.88
	2772.00	20.75	160.86	2675.87	-241.31	-561.47	192.04	1.03	1907593.99	126461.08	N 36 14 9.99 W 107 30	59.79
	2836.00	20.14	159.36	2735.84	-250.75	-582.49	199.64	1.26	1907572.87	126468.40	N 36 14 9.78 W 107 30	59.70
	2899.00	19.96	158.22	2795.02	-260.33	-602.63	207.45	0.68	1907552.64	126475.95	N 36 14 9.58 W 107 30	59.60
	2962.00	19.43	158.92	2854.34	-269.81	-622.39	215.21	0.92	1907532.77	126483.45	N 36 14 9.39 W 107 30	59.51
	3025.00	18.91	158.66	2913.84	-278.99	-641.68	222.70	0.84	1907513.39	126490.68	N 36 14 9.19 W 107 30	59.42
	3088.00	20.84	160.68	2973.09	-288.17	-661.76	230.12	3.25	1907493.21	126497.84	N 36 14 9.00 W 107 30	59.33
	3152.00	20.40	162.88	3032.99	-297.10	-683.17	237.17	1.39	1907471.71	126504.61	N 36 14 8.78 W 107 30	59.24
	3215.00	19.70	164.28	3092.17	-305.03	-703.88	243.28	1.35	1907450.92	126510.45	N 36 14 8.58 W 107 30	59.17
	3278.00	20.31	163.67	3151.37	-312.80	-724.60	249.23	1.02	1907430.12	126516.13	N 36 14 8.37 W 107 30	59.09
	3342.00	20.49	162.96	3211.35	-321.09	-745.97	255.64	0.48	1907408.67	126522.26	N 36 14 8.16 W 107 30	59.02
	3405.00	19.43	162.52	3270.57	-329.27	-766.50	262.02	1.70	1907388.05	126528.37	N 36 14 7.96 W 107 30	58.94
	3469.00	19.08	161.21	3330.99	-337.60	-786.56	268.58	0.87	1907367.91	126534.67	N 36 14 7.76 W 107 30	58.86
	3532.00	18.03	159.19	3390.71	-346.03	-805.42	275.36	1.95	1907348.96	126541.21	N 36 14 7.58 W 107 30	58.77
	3595.00	18.82	159.45	3450.48	-354.70	-824.05	282.39	1.26	1907330.24	126547.99	N 36 14 7.39 W 107 30	58.69
	3658.00	19.61	161.73	3509.98	-363.29	-843.61	289.28	1.73	1907310.60	126554.62	N 36 14 7.20 W 107 30	58.61
	3721.00	18.64	159.62	3569.50	-371.82	-863.08	296.10	1.89	1907291.03	126561.19	N 36 14 7.01 W 107 30	58.52
	3784.00	19.17	160.77	3629.10	-380.42	-882.29	303.01	1.03	1907271.73	126567.85	N 36 14 6.82 W 107 30	58.44
	3847.00	19.79	160.33	3688.49	-389.15	-902.10	310.01	1.01	1907251.83	126574.58	N 36 14 6.62 W 107 30	58.35
	3910.00	19.35	159.27	3747.85	-398.17	-921.90	317.29	0.90	1907231.93	126581.61	N 36 14 6.42 W 107 30	58.26
	3973.00	18.99	158.83	3807.36	-407.26	-941.22	324.69	0.62	1907212.52	126588.75	N 36 14 6.23 W 107 30	58.17
	4037.00	21.10	160.50	3867.48	-416.67	-961.79	332.29	3.42	1907191.85	126595.09	N 36 14 6.03 W 107 30	58.08
	4100.00	21.10	160.50	3926.26	-426.12	-983.17	339.86	0.00	1907170.37	126603.38	N 36 14 5.82 W 107 30	57.99
	4164.00	19.87	159.36	3986.21	-435.64	-1004.21	347.54	2.02	1907149.23	126610.79	N 36 14 5.61 W 107 30	57.89
	4227.00	18.55	157.69	4045.70	-444.91	-1023.50	355.12	2.27	1907129.84	126618.11	N 36 14 5.42 W 107 30	57.80
	4290.00	16.62	155.06	4105.75	-454.03	-1040.94	362.73	3.31	1907112.30	126625.4		

Comments	MD (ft)	Incl (°)	Azim True (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (%/100ft)	Northings (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
	4416.00	12.49	152.77	4227.65	-470.78	-1069.35	376.99	3.48	1907083.71	126639.38	N 36 14 4.97	W 107 30 57.53
	4480.00	10.90	152.42	4290.32	-477.75	-1080.87	382.96	2.49	1907072.12	126645.20	N 36 14 4.85	W 107 30 57.46
	4543.00	10.29	153.30	4352.24	-483.93	-1091.17	388.25	1.00	1907061.74	126650.35	N 36 14 4.75	W 107 30 57.40
	4606.00	9.06	155.85	4414.35	-489.32	-1100.73	392.81	2.07	1907052.13	126654.79	N 36 14 4.65	W 107 30 57.34
	4669.00	8.00	159.01	4476.65	-493.68	-1109.35	396.41	1.84	1907043.46	126658.27	N 36 14 4.57	W 107 30 57.30
	4732.00	6.24	155.41	4539.16	-497.30	-1116.55	399.40	2.88	1907036.22	126661.17	N 36 14 4.50	W 107 30 57.26
	4795.00	4.57	157.16	4601.88	-500.17	-1121.98	401.80	2.66	1907030.76	126663.50	N 36 14 4.44	W 107 30 57.23
	4858.00	3.69	152.59	4664.72	-502.44	-1126.09	403.71	1.49	1907026.62	126665.36	N 36 14 4.40	W 107 30 57.21
	4921.00	2.99	159.45	4727.61	-504.24	-1129.43	405.22	1.28	1907023.26	126666.82	N 36 14 4.37	W 107 30 57.19
	4984.00	1.93	184.23	4790.55	-504.97	-1132.03	405.72	2.35	1907020.66	126667.29	N 36 14 4.35	W 107 30 57.18
	5047.00	2.81	297.79	4853.52	-503.56	-1132.36	404.27	6.34	1907020.34	126665.84	N 36 14 4.34	W 107 30 57.20
	5111.00	8.27	298.40	4917.20	-497.88	-1129.44	398.83	8.53	1907023.33	126660.43	N 36 14 4.37	W 107 30 57.27
	5174.00	13.72	292.08	4979.02	-486.56	-1124.47	387.91	8.85	1907028.44	126649.58	N 36 14 4.42	W 107 30 57.40
	5237.00	17.32	285.05	5039.72	-470.18	-1119.23	371.93	6.44	1907033.90	126663.67	N 36 14 4.47	W 107 30 57.60
	5300.00	21.54	286.15	5099.12	-449.58	-1113.57	351.75	6.72	1907039.82	126613.57	N 36 14 4.53	W 107 30 57.84
	5363.00	25.76	288.65	5156.82	-424.90	-1105.98	327.66	6.88	1907047.73	126589.57	N 36 14 4.60	W 107 30 58.14
	5426.00	31.39	288.82	5212.12	-395.63	-1096.30	299.14	8.94	1907057.78	126561.18	N 36 14 4.70	W 107 30 58.48
	5490.00	35.53	289.61	5265.50	-361.42	-1084.67	265.83	6.50	1907069.84	126528.02	N 36 14 4.81	W 107 30 58.89
	5553.00	39.66	287.51	5315.41	-324.04	-1072.48	229.40	6.86	1907082.51	126491.75	N 36 14 4.93	W 107 30 59.34
	5616.00	44.85	286.89	5362.02	-282.63	-1059.96	188.94	8.26	1907095.55	126451.46	N 36 14 5.06	W 107 30 59.83
	5679.00	50.91	287.51	5404.26	-236.96	-1046.14	144.32	9.65	1907109.96	126407.02	N 36 14 5.19	W 107 31 0.37
	5743.00	59.44	286.27	5440.77	-185.57	-1030.92	94.09	13.42	1907125.84	126356.99	N 36 14 5.35	W 107 31 0.99
	5806.00	61.73	284.87	5471.71	-131.61	-1016.20	41.23	4.12	1907141.25	126304.32	N 36 14 5.49	W 107 31 1.63
	5869.00	67.44	282.76	5498.74	-75.39	-1002.64	-14.01	9.55	1907155.53	126249.27	N 36 14 5.62	W 107 31 2.31
	5932.00	72.37	283.02	5520.38	-16.79	-989.44	-71.66	7.83	1907169.48	126191.79	N 36 14 5.76	W 107 31 3.01
	5996.00	76.94	283.82	5537.31	44.27	-975.12	-131.68	7.24	1907184.59	126131.96	N 36 14 5.90	W 107 31 3.74
	6059.00	81.25	284.43	5549.23	105.35	-960.02	-191.65	6.91	1907200.47	126072.18	N 36 14 6.05	W 107 31 4.48
	6101.00	87.41	284.69	5553.38	146.56	-949.52	-232.09	14.68	1907211.50	126031.89	N 36 14 6.15	W 107 31 4.97
7" Casing Point	6157.00	89.50	283.72	5554.89	207.83	-935.79	-286.35	4.11	1907225.95	125977.80	N 36 14 6.29	W 107 31 5.63
	6167.00	89.87	283.55	5554.94	211.72	-933.43	-296.07	4.11	1907228.43	125968.12	N 36 14 6.31	W 107 31 5.75
	6230.00	91.28	285.34	5554.31	273.88	-917.71	-357.07	3.62	1907244.94	125907.32	N 36 14 6.46	W 107 31 6.49
	6293.00	91.01	284.33	5553.05	335.96	-901.59	-417.96	1.68	1907261.86	125846.65	N 36 14 6.62	W 107 31 7.24
	6357.00	91.10	284.20	5551.87	399.13	-885.82	-479.97	0.25	1907278.44	125784.84	N 36 14 6.78	W 107 31 7.99
	6420.00	90.75	285.01	5550.86	461.26	-869.94	-540.93	1.70	1907295.12	125724.09	N 36 14 6.94	W 107 31 8.74
	6482.00	90.22	284.07	5550.33	522.42	-854.37	-600.94	1.40	1907311.47	125664.29	N 36 14 7.09	W 107 31 9.47
	6545.00	91.45	284.25	5549.41	584.63	-838.96	-662.02	0.97	1907327.68	125603.41	N 36 14 7.24	W 107 31 10.22
	6608.00	91.01	284.46	5548.06	646.80	-823.35	-723.04	1.77	1907344.09	125542.60	N 36 14 7.40	W 107 31 10.96
	6671.00	90.57	284.91	5547.19	708.91	-807.38	-783.97	1.04	1907360.85	125481.87	N 36 14 7.56	W 107 31 11.71
	6733.00	90.75	285.53	5546.48	769.95	-791.10	-843.79	1.00	1907377.91	125422.27	N 36 14 7.72	W 107 31 12.44
	6793.00	91.10	285.99	5545.51	828.91	-774.81	-901.53	0.96	1907394.96	125364.75	N 36 14 7.88	W 107 31 13.14
	6854.00	90.75	285.90	5544.53	888.81	-758.05	-960.18	0.59	1907412.48	125306.32	N 36 14 8.04	W 107 31 13.86
	6914.00	91.01	285.62	5543.60	947.77	-741.76	-1017.91	0.64	1907429.53	125248.80	N 36 14 8.20	W 107 31 14.56
	6976.00	90.40	285.37	5542.84	1008.75	-725.20	-1077.66	1.06	1907446.88	125189.27	N 36 14 8.37	W 107 31 15.29
	7036.00	89.60	284.56	5542.84	1067.87	-709.70	-1135.62	1.90	1907463.13	125131.52	N 36 14 8.52	W 107 31 16.00
	7097.00	90.48	284.72	5542.80	1128.02	-694.28	-1194.64	1.47	1907479.32	125072.70	N 36 14 8.67	W 107 31 16.72
	7158.00	90.84	284.84	5542.10	1188.15	-678.72	-1253.62	0.82	1907495.65	125013.93	N 36 14 8.83	W 107 31 17.44
	7217.00	90.57	284.94	5541.37	1246.29	-663.56	-1310.63	0.49	1907511.55	124957.11	N 36 14 8.98	W 107 31 18.13
	7278.00	90.75	284.79	5540.67	1306.41	-647.92	-1369.58	0.38	1907527.97	124898.36	N 36 14 9.13	W 107 31 18.85
	7339.00	91.89	286.13	5539.26	1366.40	-631.66	-1428.36	2.88	1907544.99	124839.80	N 36 14 9.29	W 107 31 19.57
	7400.00	91.10	285.92	5537.67	1426.27	-614.83	-1486.97	1.34	1907562.59	124781.42	N 36 14 9.46	W 107 31 20.29
	7461.00	89.78	285.51	5537.20	1486.23	-598.31	-1545.69	2.27	1907579.88	124722.92	N 36 14 9.62	W 107 31 21.00
	7522.00	90.31	285.15	5537.15	1546.26	-582.18	-1604.51	1.05	1907596.78	124664.30	N 36 14 9.78	W 107 31 21.72
	7584.00	91.19	285.18	5536.34	1607.30	-565.96	-1664.35	1.42	1907613.78	124604.68	N 36 14 9.94	W 107 31 22.45
	7645.00	89.34	284.24	5536.06	1667.44	-550.47	-1723.35	3.40	1907630.04	124545.89	N 36 14 10.10	W 107 31 23.17
	7705.00	89.96	283.76	5536.43	1726.72	-535.96	-1781.56	1.31	1907645.31	124487.86	N 36 14 10.24	W 107 31 23.88
	7766.00	91.45	283.96	5535.68	1787.01	-521.35	-1840.78	2.46	1907660.70	124428.84	N 36 14 10.38	W 107 31 24.60
	7826.00	90.84	283.52	5534.48	1846.31	-507.10	-1899.05	1.25	1907675.71	124370.75	N 36 14 10.52	W 107 31 25.32
	7887.00	90.84	282.68	5533.58	1906.72	-493.28	-1958.46	1.38	1907690.31	124311.53	N 36 14 10.66	W 107 31 26.04
	7947.00	90.92	282.27	5532.66	1966.21	-480.32	-2017.03	0.70	1907704.03	124253.12	N 36 14 10.79	W 107 31 26.76
	8009.00	90.92	283.63	5531.67	2027.62	-466.42	-2077.45	2.19	1907718.72	124192.89	N 36 14 10.93	W 107 31 27.49
	8070.00	90.04	284.82	5531.16	2087.85	-451.43	-2136.57	2.43	1907734.48	124133.97	N 36 14 11.08	W 107 31 28.22
	8131.00	90.66	286.58	5530.78	2147.81	-434.93	-2195.29	3.06	1907751.75	124075.46	N 36 14 11.24	W 107 31 28.93
	8192.00	91.71	286.52	5529.52	2207.58	-417.56	-2253.75	1.72	1907769.89	124017.23	N 36 14 11.41	W 107 31 29.65
	8253.00	91.10	286.18	5528.03	2267.40	-400.39	-2312.27	1.14	1907787.82	123958.94	N 36 14 11.58	W 107 31 30.36
	8314.00	90.75	286.87	5527.04	2327.18	-383.04	-2370.74	1.27	1907805.93	123900.70	N 36 14 11.75	W 107 31 31.07
	8375.00	89.96	284.89	5526.66	2387.10	-366.35	-2429.41	3.49	1907823.39	123842.25	N 36 14 11.92	W 107 31 31.79
	8435.00	90.84	284.51	5526.24	2446.26	-351.13	-2487.44	1.60	1907839.37	123784.42	N 36 14 12.07	W 107 31 32.50
	8496.00	91.63	283.84	5524.93	2506.49	-336.19	-2546.57	1.70	1907855.08	123725.49	N 36 14 12.21	W 107 31 33.22
	8559.00	90.13	284.19	5523.96	2568.72	-320.94	-2607.69	2.44	1907871.13	123664.57	N 36 14 12.37	W 107 31 33.97
	8622.00	90.66	283.80	5523.53	2630.96	-305.70	-2668.81	1.04	1907887.16	123603.64	N 36 14 12.52	W 107 31 34.71
	8685.00	91.36	284.60	5522.42	2693.16	-290.25	-2729.88	1.69	1907903.41	123542.78	N 36 14 12.67	W 107 31 35.46
	8748.00	91.28	284.80	5520.97	2755.26	-274.27	-2790.80	0.34	1907920.19	123482.07	N 36 14 12.83	W 107 31 36.20
	8811.00	88.81	284.40	5520.92	2817.40	-258.39	-2851.76	3.97	1907936.87	123421.32	N 36 14 12.98	W 107 31 36.95
	8874.00	89.52	284.31	5521.83	2879.57	-242.77	-2912.79	1.14	1907953.28	123360.50	N 36 14 13.14	W 107 31 37.69
	8938.00	91.10	284.57	5521.49	2942.72	-226.81	-2974.76	2.50	1907970.05	123298.74	N 36 14 13.30	W 107 31 38.45
	9001.00	91.98	284.48	5519.79	3004.85	-211.02	-3035.73	1.40	1907986.64	123237		

Comments	MD (ft)	Incl (°)	Azim True (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
	11141.00	89.78	283.79	5470.77	5111.76	338.57	-5101.88	2.23	1908563.23	121179.07	N 36 14 18.88	W 107 32 4.41
	11204.00	89.60	282.82	5471.12	5174.11	353.06	-5163.19	1.57	1908578.53	121117.95	N 36 14 19.03	W 107 32 5.16
	11268.00	92.42	284.04	5469.99	5237.42	367.92	-5225.43	4.80	1908594.20	121055.91	N 36 14 19.17	W 107 32 5.92
	11331.00	95.14	284.80	5465.83	5299.45	383.58	-5286.30	4.48	1908610.65	120995.24	N 36 14 19.33	W 107 32 6.66
	11394.00	92.68	286.16	5461.54	5361.27	400.35	-5346.87	4.46	1908628.22	120934.90	N 36 14 19.49	W 107 32 7.40
	11457.00	93.39	284.76	5458.20	5423.16	417.12	-5407.50	2.49	1908645.78	120874.49	N 36 14 19.66	W 107 32 8.14
	11520.00	91.89	286.42	5455.30	5485.04	434.03	-5468.12	3.55	1908663.49	120814.09	N 36 14 19.83	W 107 32 8.88
	11552.00	92.77	286.37	5454.00	5516.39	443.06	-5498.79	2.75	1908672.91	120783.54	N 36 14 19.92	W 107 32 9.26
Base Perf 11565'	11565.00	91.52	285.60	5453.51	5529.15	446.64	-5511.28	11.30	1908676.65	120771.10	N 36 14 19.95	W 107 32 9.41
Last MWD Survey	11595.00	88.64	283.81	5453.47	5558.73	454.25	-5540.29	11.30	1908684.64	120742.19	N 36 14 20.03	W 107 32 9.76
Projection to Bit	11654.00	88.64	283.81	5454.87	5617.03	468.33	-5597.57	0.00	1908699.47	120685.09	N 36 14 20.17	W 107 32 10.46

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	Casing Diameter (in)	Survey Tool Type	Borehole / Survey
	1	0.000	14.000	1/98.425	12.250	9.625	SLB_NSG+MSHOT-Depth Only	Original Hole / Chaco 2306-07L #183H MWD+GYRO 0' to 11654' Definitive
	1	14.000	14.000	Act Sins	12.250	9.625	SLB_NSG+MSHOT-Depth Only	Original Hole / Chaco 2306-07L #183H MWD+GYRO 0' to 11654' Definitive
	1	14.000	378.000	Act Sins	12.250	9.625	SLB_NSG+MSHOT	Original Hole / Chaco 2306-07L #183H MWD+GYRO 0' to 11654'
	1	378.000	6155.000	Act Sins	8.750	7.000	SLB_MWD-STD	Original Hole / Chaco 2306-07L #183H MWD+GYRO 0' to 11654'
	1	6155.000	11600.000	Act Sins	6.125	5.500	SLB_MWD-STD	Original Hole / Chaco 2306-07L #183H MWD+GYRO 0' to 11654'
	1	11600.000	11654.000	Act Sins	8.750	7.000	SLB_BLIND+TREND	Original Hole / Chaco 2306-07L #183H MWD+GYRO 0' to 11654'