

District I
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District II
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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) 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"

CONFIDENTIAL

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-31204		*Pool Code 42289	*Pool Name LYBROOK GALLUP
*Property Code 40085	*Property Name CHACO 2306-06L		*Well Number 239H
*OGRID No. 120782	*Operator Name WPX ENERGY PRODUCTION, LLC		*Elevation 6938'

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	6	23N	6W	6	1704	SOUTH	517	WEST	RIO ARriba

¹¹ Bottom Hole Location If Different From Surface

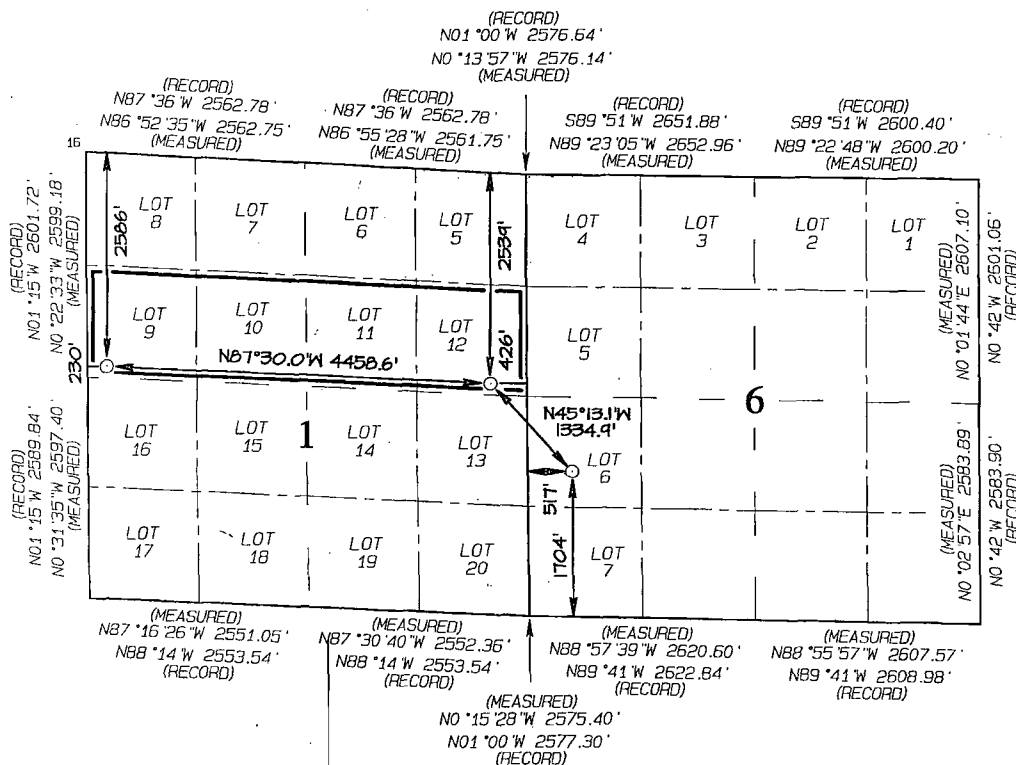
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	280	East/West line	County
E	1	23N	7W	9	2586	NORTH	230	WEST	RIO ARriba

¹² Dedicated Acres 151.55 Acres S/2 N/2 - Section 1	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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

OIL CONSERV DIV DIST. 3

FEB 21 2014



END-OF-LATERAL
2586' FNL 230' FWL
SECTION 1, T23N, R7W
LAT: 36.25408°N
LONG: 107.53519°W
DATUM: NAD1927

LAT: 36.25409°N
LONG: 107.53579°W
DATUM: NAD1983

POINT-OF-ENTRY
2539' FNL 426' FEL
SECTION 1, T23N, R7W
LAT: 36.25371°N
LONG: 107.52008°W
DATUM: NAD1927

LAT: 36.25372°N
LONG: 107.52068°W
DATUM: NAD1983

SURFACE LOCATION
1704' FSL 517' FWL
SECTION 6, T23N, R6W
LAT: 36.25116°N
LONG: 107.51682°W
DATUM: NAD1927

LAT: 36.25117°N
LONG: 107.51743°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: 2/21/14

Printed Name: Larry Higgins

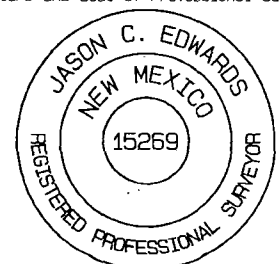
E-mail Address: larry.higgins@wpxenergy.com

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: FEBRUARY 5, 2014
Survey Date: OCTOBER 1, 2012

Signature and Seal of Professional Surveyor



JASON C. EDWARDS
Certificate Number 15269

Borehole:

Original Hole

Well:

Chaco 306-06L #239H

Field:

NM, Rio Arriba (NAD 27 CZ)

Structure:

Sec 6-23N-6W - AWS 980

Gravity & Magnetic Parameters

Model: BGGM 2013 Dip: 63.033° Date: 20-Jan-2014
MagDec: 9.46° FS: 50163,665nT Gravity FS: 998.92mgn (

Surface Location	NAD27 New Mexico State Plane, Central Zone, US Feet
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Lat: N 36 15 4.17	Northing: 1913074.071R	Grid Conv: -0.7492°
Lon: W 107 31 0.56	Easting: 126470.036R	Scale Fact: 1.00005966

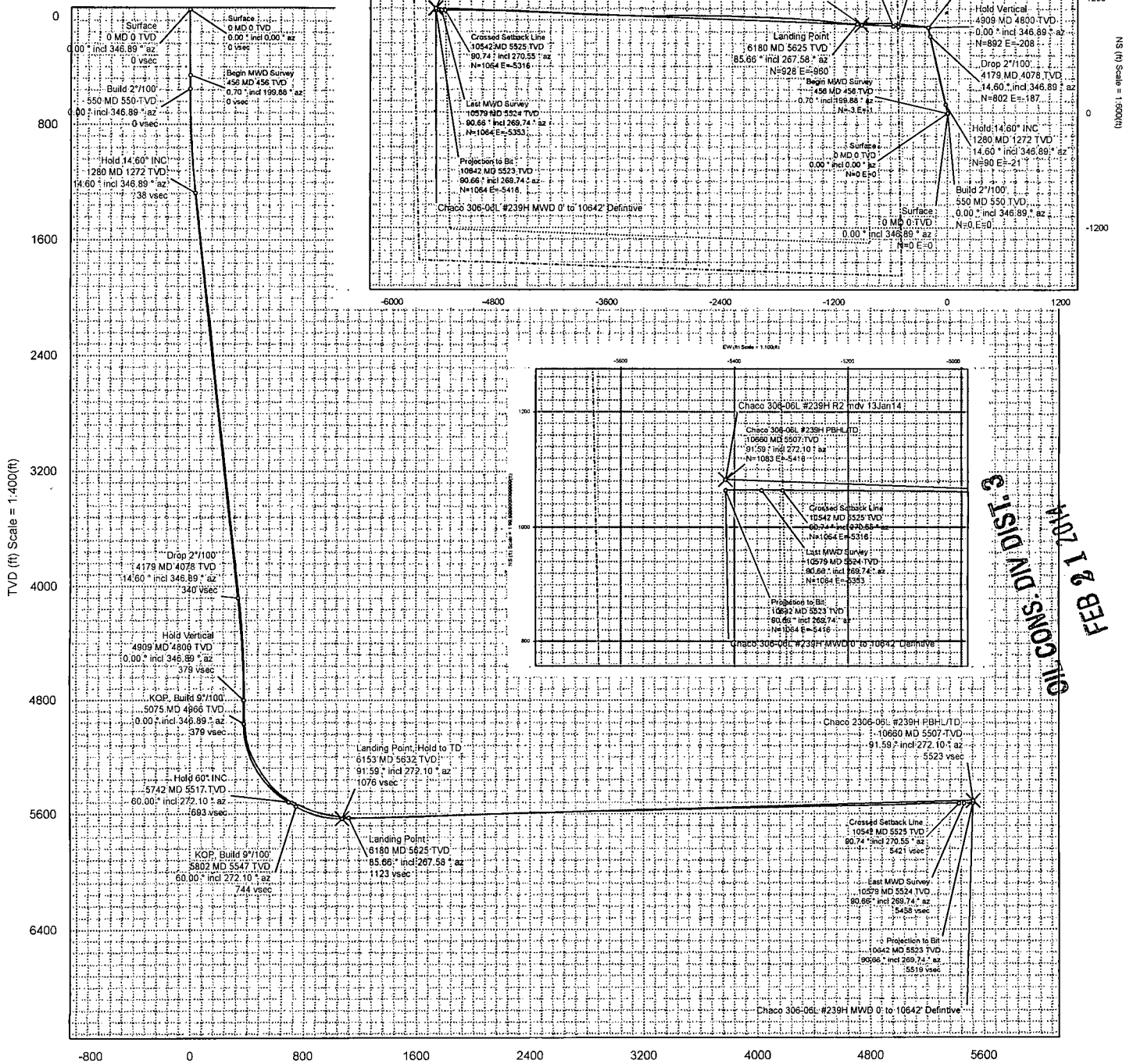
Miscellaneous

Slot: Chaco 306-06L #239H TVD Ref: RKB(6952ft above MSL)
Plan: Chaco 306-06L #239H MWD 0' to 10642' Definitive

PVA



True North
Tot Corr (M->T 9.460°)
Mag Dec (9.460°)
Grid Conv (-0.749°)



Vertical Section (ft) Azim = 281.306° Scale = 1:400(ft) Origin = 0N/-S, 0E/-W



Chaco 306-06L #239H MWD 0' to 10642' Definitive Survey Geodetic Report

(Def Survey)



Report Date: February 03, 2014 - 10:01 AM
Client: WPX Energy
Field: NM, Rio Arriba (NAD 27 CZ)
Structure / Slot: WPX Energy Sec 6-23N-6W (Chaco 306-06L #239H) / Chaco 306-06L #239H
Well: Chaco 306-06L #239H
Borehole: Original Hole
UWI / API#: Unknown / Unknown
Survey Name: Chaco 306-06L #239H MWD 0' to 10642' Definitive
Survey Date: January 20, 2014
Tort / AHD / DDI / ERD Ratio: 212.415' / 6130.527 ft / 6.391' / 1.089
Coordinate Reference System: NAD27 New Mexico State Plane, Central Zone, US Feet
Location Lat / Long: N 36° 15' 4.17300", W 107° 31' 0.55700"
Location Grid N/E Y/X: N 1913074.071 ftUS, E 126470.036 ftUS
CRS Grid Convergence Angle: -0.7492°
Grid Scale Factor: 1.00005966
Version / Patch: 2.7.1043.0

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 281.306° (True North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: RKB
TVD Reference Elevation: 6952.000 ft above MSL
Seabed / Ground Elevation: 6938.000 ft above MSL
Magnetic Declination: 9.460°
Total Gravity Field Strength: 998.9203mgn (9.80665 Based)
Gravity Model: DOX
Total Magnetic Field Strength: 50163.665 nT
Magnetic Dip Angle: 63.033°
Declination Date: January 20, 2014
Magnetic Declination Model: BGGM 2013
North Reference: True North
Grid Convergence Used: 0.0000°
Total Corr Mag North-True North: 9.4595°
Local Coord Referenced To: Well Head

CONFIDENTIAL

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 ° ' '')
Surface	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	1913074.07	126470.04	N 36 15 4.17	W 107 31 0.56
Begin MWD Survey	456.00	0.70	199.88	455.99	0.42	-2.62	-0.95	0.15	1913071.46	126469.05	N 36 15 4.15	W 107 31 0.57
	520.00	0.53	212.62	519.98	0.58	-3.24	-1.24	0.34	1913070.85	126468.75	N 36 15 4.14	W 107 31 0.57
	584.00	0.97	344.64	583.98	0.93	-2.96	-1.54	2.16	1913071.13	126468.45	N 36 15 4.14	W 107 31 0.58
	648.00	2.64	347.62	647.95	1.77	-1.00	-2.00	2.61	1913073.10	126468.02	N 36 15 4.16	W 107 31 0.58
	712.00	3.87	351.23	711.84	3.10	2.57	-2.65	1.95	1913076.68	126467.42	N 36 15 4.20	W 107 31 0.59
	776.00	5.19	347.89	775.64	4.99	7.54	-3.58	2.10	1913081.66	126466.55	N 36 15 4.25	W 107 31 0.60
	840.00	6.95	347.71	839.28	7.69	14.15	-5.02	2.75	1913088.29	126465.21	N 36 15 4.31	W 107 31 0.62
	904.00	8.53	351.49	902.70	10.85	22.63	-6.54	2.59	1913096.79	126463.79	N 36 15 4.40	W 107 31 0.64
	968.00	8.97	351.58	965.95	14.15	32.26	-7.98	0.89	1913106.43	126462.48	N 36 15 4.49	W 107 31 0.65
	1033.00	9.85	348.59	1030.08	18.00	42.72	-9.82	1.55	1913116.92	126460.78	N 36 15 4.60	W 107 31 0.68
	1096.00	10.82	344.02	1092.05	22.79	53.69	-12.51	2.01	1913127.92	126458.23	N 36 15 4.70	W 107 31 0.71
	1158.00	12.22	345.34	1152.80	28.34	65.63	-15.77	2.30	1913139.91	126455.12	N 36 15 4.82	W 107 31 0.75
	1219.00	13.01	345.43	1212.33	34.16	78.52	-19.14	1.30	1913152.84	126451.93	N 36 15 4.95	W 107 31 0.79
	1281.00	13.98	345.78	1272.62	40.43	92.54	-22.73	1.57	1913166.90	126448.52	N 36 15 5.09	W 107 31 0.83
	1342.00	14.86	345.34	1331.70	47.03	107.25	-26.52	1.45	1913181.66	126444.92	N 36 15 5.23	W 107 31 0.88
	1404.00	15.30	345.16	1391.56	54.12	122.85	-30.63	0.71	1913197.32	126441.02	N 36 15 5.39	W 107 31 0.93
	1465.00	14.77	345.60	1450.47	61.04	138.16	-34.62	0.89	1913212.68	126437.22	N 36 15 5.54	W 107 31 0.98
	1527.00	14.51	348.41	1510.46	67.49	153.42	-38.15	1.22	1913227.99	126433.89	N 36 15 5.69	W 107 31 1.02
	1588.00	14.33	347.36	1569.54	73.52	168.27	-41.34	0.52	1913242.88	126430.90	N 36 15 5.84	W 107 31 1.06
	1650.00	14.77	347.10	1629.55	79.88	183.47	-44.78	0.72	1913258.12	126427.66	N 36 15 5.99	W 107 31 1.10
	1711.00	14.51	345.78	1688.57	86.36	198.45	-48.39	0.69	1913273.15	126424.24	N 36 15 6.14	W 107 31 1.15
	1773.00	14.68	345.25	1748.57	93.16	213.58	-52.30	0.35	1913288.33	126420.53	N 36 15 6.29	W 107 31 1.20
	1834.00	14.51	344.72	1807.60	99.97	228.42	-56.28	0.35	1913303.23	126416.74	N 36 15 6.43	W 107 31 1.24
	1896.00	14.42	345.95	1867.64	106.75	243.41	-60.20	0.52	1913318.26	126413.02	N 36 15 6.58	W 107 31 1.29
	1957.00	14.42	345.43	1926.71	113.32	258.13	-63.96	0.21	1913333.03	126409.46	N 36 15 6.73	W 107 31 1.34
	2019.00	14.25	344.37	1986.78	120.15	272.95	-67.96	0.50	1913347.90	126405.65	N 36 15 6.87	W 107 31 1.39
	2080.00	14.33	343.93	2045.90	127.02	287.43	-72.07	0.22	1913362.43	126401.73	N 36 15 7.02	W 107 31 1.44
	2142.00	15.04	345.25	2105.87	134.08	302.58	-76.24	1.27	1913377.64	126397.75	N 36 15 7.17	W 107 31 1.49
	2233.00	15.21	346.39	2193.72	144.30	325.60	-82.06	0.38	1913400.74	126392.24	N 36 15 7.39	W 107 31 1.56
	2294.00	14.86	346.13	2252.63	151.00	340.97	-85.81	0.58	1913416.16	126388.68	N 36 15 7.54	W 107 31 1.60
	2356.00	14.95	348.59	2312.55	157.47	356.53	-89.30	1.03	1913431.76	126385.40	N 36 15 7.70	W 107 31 1.65
	2420.00	14.60	350.70	2374.43	163.49	372.58	-92.24	1.00	1913447.85	126382.67	N 36 15 7.86	W 107 31 1.68
	2484.00	13.89	348.68	2436.46	169.29	388.08	-95.05	1.35	1913463.38	126380.06	N 36 15 8.01	W 107 31 1.72
	2548.00	13.63	349.21	2498.62	175.08	403.02	-97.97	0.45	1913478.36	126377.34	N 36 15 8.16	W 107 31 1.75
	2612.00	13.81	347.80	2560.80	180.96	417.89	-101.00	0.59	1913493.27	126374.51	N 36 15 8.31	W 107 31 1.79
	2676.00	13.63	346.57	2622.97	187.16	432.69	-104.36	0.54	1913508.11	126371.34	N 36 15 8.45	W 107 31 1.83
	2740.00	13.37	344.55	2685.20	193.65	447.16	-108.08	0.84	1913522.63	126367.80	N 36 15 8.59	W 107 31 1.88
	2803.00	13.63	344.02	2746.46	200.33	461.31	-112.07	0.46	1913536.84	126364.00	N 36 15 8.73	W 107 31 1.93
	2867.00	13.89	343.32	2808.63	207.39	475.92	-116.35	0.48	1913551.50	126359.91	N 36 15 8.88	W 107 31 1.98
	2931.00	14.60	344.20	2870.66	214.67	491.04	-120.75	1.16	1913566.68	126355.71	N 36 15 9.03	W 107 31 2.03
	2995.00	14.95	347.10	2932.54	221.73	506.85	-124.79	1.28	1913582.54	126351.88	N 36 15 9.19	W 107 31 2.08
	3059.00	15.48	346.92	2994.30	228.65	523.22	-128.56	0.83	1913598.96	126348.32	N 36 15 9.35	W 107 31 2.13
	3123.00	15.83	347.10	3055.93	235.75	540.05	-132.45	0.55	1913615.83	126344.66	N 36 15 9.51	W 107 31 2.17
	3187.00	15.83	348.24	3117.50	242.75	557.10	-136.17	0.49	1913632.94	126341.15	N 36 15 9.68	W 107 31 2.22
	3251.00	14.86	348.33	3179.22	249.37	573.68	-139.61	1.52	1913649.56	126337.93	N 36 15 9.85	W 107 31 2.26
	3315.00	14.77	347.89	3241.09	255.82	589.70	-142.98	0.23	1913665.62	126334.77	N 36 15 10.00	W 107 31 2.30
	3379.00	15.04	348.24	3302.94	262.32	605.80	-146.39	0.44	1913681.77	126331.57	N 36 15 10.16	W 107 31 2.34
	3443.00	14.68	348.15	3364.79	268.76	621.87	-149.75	0.56	1913697.88	126328.43	N 36 15 10.32	W 107 31 2.39
	3507.00	14.16	346.83	3426.78	275.19	637.43	-153.20	0.96	1913713.48	126325.18	N 36 15 10.48	W 107 31 2.43
	3571.00	14.68	347.01	3488.76	281.77	652.95	-156.80	0.82	1913729.06	126321.78	N 36 15 10.63	W 107 31 2.47
	3636.00	15.48	348.33	3551.52	288.54	669.47	-160.41	1.34	1913745.62	126318.39	N 36 15 10.79	W 107 31 2.52
	3700.00	15.21	347.98	3613.24	295.20	686.05	-163.88	0.45	1913762.24	126315.13	N 36 15 10.96	W 107 31 2.56
	3764.00	14.68	347.45	3675.08	301.81	702.18	-167.39	0.86	1913778.42	126311.83	N 36 15 11.12	W 107 31 2.60
	3828.00	14.42	346.04	3737.02	308.49	717.83	-171.08	0.69	1913794.11	126308.35	N 36 15 11.27	W 107 31 2.65
	3891.00	14.51	345.34	3798.03	315.29	733.07	-174.97	0.31	1913809.41	126304.66	N 36 15 11.42	W 107 31 2.69
	3955.00	14.60	344.81	3859.97	322.40	748.61	-179.11	0.25	1913825.01	126300.72	N 36 15 11.58	W 107 31 2.74
	4019.00	14.80	345.16	3921.91	329.55	764.20	-183.29	0.14	1913840.64	126296.74	N 36 15 11.73	W 107 31 2.79
	4083.00	14.25	345.60	3983.89	336.52	779.62	-187.32	0.57	1913856.12	126292.92	N 36 15 11.88	W 107 31 2.84
	4147.00	13.54	344.28	4046.02	343.35	794.46	-191.30	1.21	1913871.01	126289.13	N 36 15 12.03	W 107 31 2.89
	4211.00	12.84	344.02	4108.33	350.01	808.51	-195.29	1.10	1913885.11	126285.32	N 36 15 12.17	W 107 31 2.94
	4275.00	11.70	343.05	4170.86	356.34	821.56	-199.14	1.81	1913898.21	126281.64	N 36 15 12.30	W 107 31 2.99
	4339.00	10.55	345.51	4233.66	361.96	833.44	-202.50	1.94	1913910.13	126277.44	N 36 15 12.41	W 107 31 3.03
	4403.00	9.41	345.86	4296.69	366.76	844.18	-205.24	1.78	1913920.92	126273.84	N 36 15 12.52	W 107 31 3.06

Drilling Office 2.7.1043.0

...Chaco 306-06L #239H\Original Hole\Chaco 306-06L #239H MWD 0' to 10642' Definitive

Comments	MD (ft)	Incl (°)	Azim True (°)	TVD (ft)	VSEC (ft)	NS	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S)	Longitude (E/W)	Landing Point	
	4467.00	8.18	348.50	4359.84	370.78	653.72	-207.43	2.02	1913930.48	126273.78	N 36 15 12.62	W 107 31 3.09		
	4531.00	7.39	351.75	4423.55	373.92	662.25	-208.53	1.41	1913939.03	126277.39	N 36 15 12.70	W 107 31 3.12		
	4585.00	6.51	352.28	4468.68	376.48	669.82	-210.01	1.38	1913939.03	126277.39	N 36 15 12.70	W 107 31 3.11		
	4659.00	5.56	352.55	4450.53	378.62	676.48	-210.88	1.80	1913983.28	126270.62	N 36 15 12.84	W 107 31 3.13		
	4723.00	3.69	349.38	4461.33	380.35	681.47	-211.65	2.84	1913983.28	126266.92	N 36 15 12.84	W 107 31 3.14		
	4786.00	2.20	343.76	4677.25	381.67	684.53	-212.36	2.41	1913981.45	126269.25	N 36 15 12.82	W 107 31 3.15		
	4850.00	1.49	335.85	4741.21	382.72	686.55	-213.04	1.18	1913983.43	126266.59	N 36 15 12.84	W 107 31 3.16		
	4915.00	0.88	342.61	4806.20	383.45	687.61	-213.54	0.96	1913984.65	126268.98	N 36 15 12.86	W 107 31 3.16		
	4978.00	0.44	7.84	4868.19	383.70	688.51	-213.65	0.82	1913985.35	126268.01	N 36 15 12.87	W 107 31 3.17		
	5042.00	1.49	297.00	4933.19	384.51	689.13	-214.36	2.20	1913985.98	126267.31	N 36 15 12.87	W 107 31 3.17		
	5106.00	3.87	288.46	4997.11	387.45	690.23	-217.14	3.75	1913987.12	126264.55	N 36 15 12.88	W 107 31 3.21		
	5170.00	7.65	285.03	5060.78	393.94	692.06	-223.28	5.94	1913987.02	126265.42	N 36 15 12.89	W 107 31 3.24		
	5234.00	16.00	281.45	5123.36	406.94	694.86	-236.07	13.09	1913992.05	126258.67	N 36 15 13.02	W 107 31 3.48		
	5298.00	24.01	282.03	5183.45	428.81	696.93	-257.49	12.52	1913976.80	126262.32	N 36 15 13.07	W 107 31 4.04		
	5362.00	28.58	276.60	5240.82	457.11	698.87	-285.45	8.06	1913981.64	126196.42	N 36 15 13.11	W 107 31 4.70		
	5426.00	32.45	275.30	5296.95	489.45	697.21	-317.76	6.13	1913985.41	126164.15	N 36 15 13.14	W 107 31 4.84		
	5490.00	35.88	275.22	5346.90	525.19	694.15	-353.56	5.36	1913989.17	126128.40	N 36 15 13.18	W 107 31 4.85		
	5554.00	40.36	275.42	5399.23	564.47	691.51	-392.87	7.00	1913993.35	126089.13	N 36 15 13.21	W 107 31 4.87		
	5618.00	48.01	274.40	5445.10	608.76	697.96	-437.29	12.00	1913987.72	126064.77	N 36 15 13.25	W 107 31 5.81		
	5682.00	57.51	274.98	5483.78	659.32	692.14	-488.01	14.86	1914002.66	125994.10	N 36 15 13.29	W 107 31 6.50		
	5746.00	64.37	274.66	5514.85	714.87	696.83	-543.72	10.73	1914007.98	125938.45	N 36 15 13.34	W 107 31 7.20		
	5810.00	65.42	272.93	5542.00	772.32	693.66	-601.54	2.95	1914012.57	125890.69	N 36 15 13.38	W 107 31 7.80		
	5874.00	66.41	269.65	5567.10	830.30	692.07	-660.38	6.44	1914014.75	125862.88	N 36 15 13.39	W 107 31 8.62		
	5938.00	74.39	269.18	5597.59	886.66	693.61	-721.01	9.38	1914015.08	125761.23	N 36 15 13.39	W 107 31 9.16		
	6002.00	78.70	269.28	5602.39	950.51	690.78	-763.23	6.74	1914015.08	125698.99	N 36 15 13.38	W 107 31 10.32		
	6066.00	81.67	269.46	5615.19	1012.21	690.53	-846.30	4.97	1914015.14	125635.92	N 36 15 13.37	W 107 31 10.89		
	6115.00	84.15	269.35	5619.15	1059.80	692.53	-894.93	4.66	1914015.27	125587.22	N 36 15 13.36	W 107 31 11.48		
	6180.00	86.66	267.98	5624.93	1122.92	692.79	-959.65	3.57	1914017.38	125522.85	N 36 15 13.35	W 107 31 12.87		
		6245.00	89.17	267.38	5630.76	1190.00	692.53	-1029.65	3.57	1914017.38	125469.99	N 36 15 13.34	W 107 31 14.27	
		6310.00	91.68	266.99	5636.61	1257.00	692.53	-1096.65	3.57	1914017.38	125417.02	N 36 15 13.33	W 107 31 15.66	
		6375.00	94.19	266.60	5642.46	1324.00	692.53	-1163.65	3.57	1914017.38	125364.05	N 36 15 13.32	W 107 31 17.05	

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 ° ' ")
	10091.00	93.03	270.40	5535.79	4978.30	1059.09	-4865.08	5.31	1914196.75	121618.94	N 36 15 14.64	W 107 31 59.95
	10154.00	92.42	270.96	5532.79	5040.15	1059.83	-4928.01	1.31	1914198.32	121556.03	N 36 15 14.65	W 107 32 0.72
	10218.00	91.80	271.20	5530.44	5103.09	1061.04	-4991.95	1.04	1914200.36	121492.10	N 36 15 14.66	W 107 32 1.50
	10282.00	91.45	271.07	5528.62	5166.06	1062.31	-5055.91	0.58	1914202.46	121428.16	N 36 15 14.67	W 107 32 2.28
	10346.00	90.92	269.93	5527.30	5228.91	1062.87	-5119.89	1.96	1914203.86	121364.18	N 36 15 14.68	W 107 32 3.06
	10410.00	90.75	270.59	5526.37	5291.72	1063.16	-5183.89	1.06	1914204.98	121300.20	N 36 15 14.68	W 107 32 3.85
	10474.00	90.84	270.33	5525.48	5354.57	1063.67	-5247.88	0.43	1914206.33	121236.21	N 36 15 14.69	W 107 32 4.63
	10538.00	90.75	270.63	5524.59	5417.42	1064.21	-5311.87	0.49	1914207.71	121172.23	N 36 15 14.69	W 107 32 5.41
Crossed Setback Line	10541.80	90.74	270.55	5524.54	5421.16	1064.25	-5315.67	2.18	1914207.79	121168.43	N 36 15 14.69	W 107 32 5.46
Last MWD Survey	10579.00	90.66	269.74	5524.08	5457.65	1064.34	-5352.87	2.18	1914208.37	121131.24	N 36 15 14.69	W 107 32 5.91
Projection to Bit	10642.00	90.66	269.74	5523.36	5519.37	1064.05	-5415.86	0.00	1914208.91	121068.24	N 36 15 14.69	W 107 32 6.68

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	Act Stns	30.000	30.000	SLB_MWD-STD-Depth Only	Original Hole / Chaco 306-06L #239H MWD 0' to 10642'
	1	14.000	456.000	1/98.425	30.000	30.000	SLB_MWD-STD	Original Hole / Chaco 306-06L #239H MWD 0' to 10642'
	1	456.000	10642.000	Act Stns	30.000	30.000	SLB_MWD-STD	Original Hole / Chaco 306-06L #239H MWD 0' to 10642'