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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

¹ API Number 30-043-21149	² Pool Code 42289	³ Pool Name Lybrook Gallup
⁴ Property Code 39908	⁵ Property Name CHACO 2206-02H	⁶ Well Number 225H
⁷ GRID No. 120782	⁸ Operator Name WPX ENERGY PRODUCTION, LLC	⁹ Elevation 6949'

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
H	2	22N	6W		1666	NORTH	278	EAST	SANDOVAL

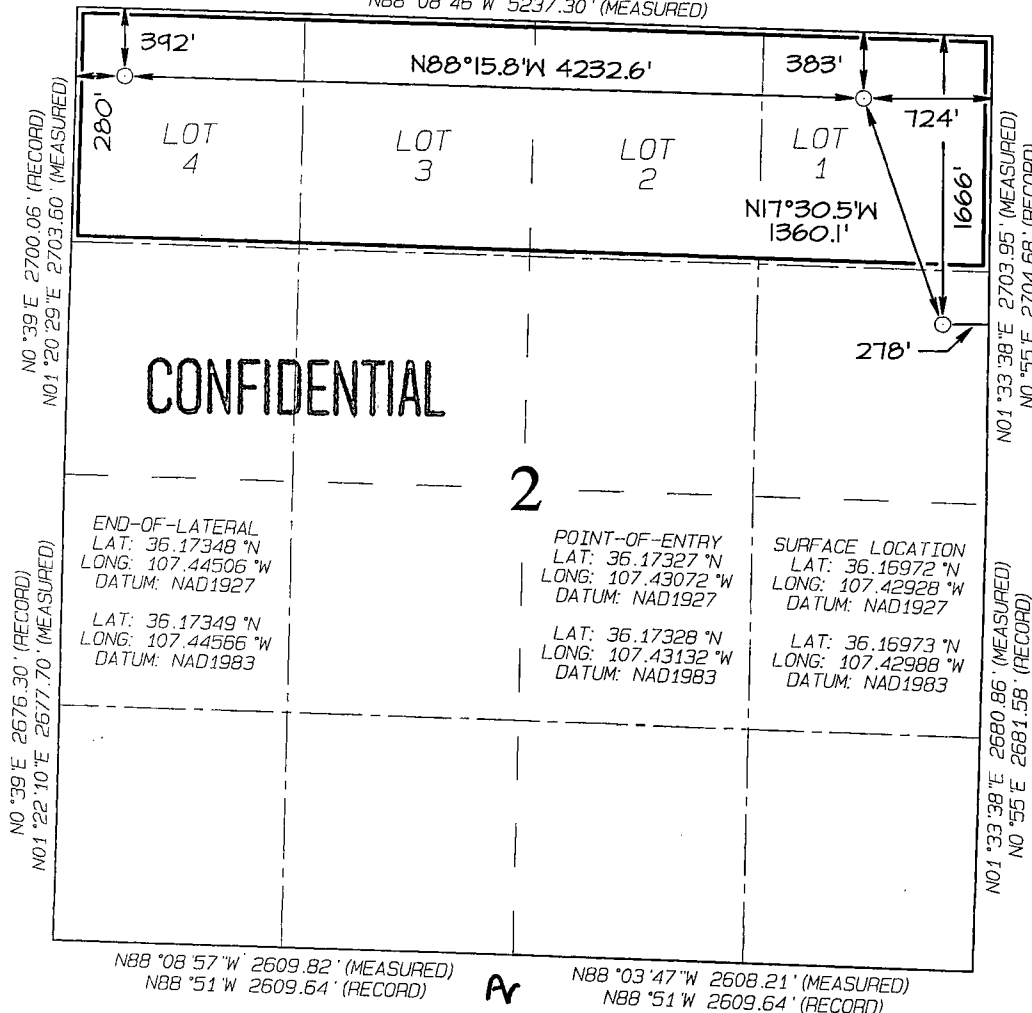
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	2	22N	6W	4	392	NORTH	280	WEST	SANDOVAL

¹² Dedicated Acres 162.80 Acres - (N/2 N/2)	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. RCVD AUG 6 '13 OIL CONS. DIV.
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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 **DIST. 3**

N88°52'W 5239.08' (RECORD)
N88°08'46"W 5237.30' (MEASURED)



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: 8/6/13
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: JULY 25, 2013
Date of Survey: JUNE 8, 2012
Signature and Seal of Professional Surveyor



JASON C. EDWARDS
Certificate Number 15269



Chaco 2206-02H #225 MWD 0' to 10219' Definitive Survey Geodetic Report



(Def Survey)

Report Date: July 23, 2013 - 03:15 PM
Client: WPX Energy
Field: NM Sandoval County NAD27
Structure / Slot: WPX Chaco 2206-02H #225H / Chaco 2206-02H #225H
Well: Chaco 2206-02H #225H
Borehole: Original Borehole
UWI / API#: Unknown / Unknown
Survey Name: Chaco 2206-02H #225 MWD 0' to 10219' Definitive
Survey Date: July 15, 2013
Tort / AHD / DDI / ERD Ratio: 212.081' / 6138.095 ft / 6.391' / 1.135
Coordinate Reference System: NAD27 New Mexico State Plane, Central Zone, US Feet
Location Lat / Long: N 36° 10' 10.99200", W 107° 25' 45.40800"
Location Grid N/E Y/X: N 1883101.986 ftUS, E 151922.771 ftUS
CRS Grid Convergence Angle: -0.6961"
Grid Scale Factor: 1.00003865

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 286.850° (True North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: RKB
TVD Reference Elevation: 6963.000 ft above MSL
Seabed / Ground Elevation: 6949.000 ft above MSL
Magnetic Declination: 9.470°
Total Gravity Field Strength: 998.4846mgn (9.80665 Based)
Total Magnetic Field Strength: 50189.978 nT
Magnetic Dip Angle: 62.993°
Declination Date: July 15, 2013
Magnetic Declination Model: BGM 2013
North Reference: True North
Grid Convergence Used: 0.0000°
Total Corr Mag North->True North: 9.4698°
Local Coord Referenced To: Structure Reference Point

RCVD AUG 6 '13
OIL CONS. DIV.
DIST. 3

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	1883101.99	151922.77	N 36 10 10.99	W 107 25 45.41
9 5/8" Casing Point	429.00	1.05	203.62	428.98	0.46	-3.61	-1.58	0.25	1883098.40	151921.15	N 36 10 10.96	W 107 25 45.43
Begin MWD Survey	465.00	1.14	203.62	464.97	0.55	-4.24	-1.85	0.25	1883097.77	151920.87	N 36 10 10.95	W 107 25 45.43
	528.00	0.62	228.46	527.96	0.80	-5.04	-2.36	1.01	1883096.98	151920.35	N 36 10 10.94	W 107 25 45.44
	589.00	1.14	340.09	588.96	1.33	-4.69	-2.81	2.43	1883097.33	151919.90	N 36 10 10.95	W 107 25 45.44
	650.00	3.25	355.05	649.91	2.34	-2.39	-3.17	3.56	1883098.63	151918.57	N 36 10 10.97	W 107 25 45.45
	712.00	5.63	3.43	711.72	3.70	2.39	-3.14	3.97	1883104.42	151919.66	N 36 10 11.02	W 107 25 45.45
	773.00	6.68	4.38	772.37	5.16	8.92	-2.69	1.73	1883110.94	151920.19	N 36 10 11.08	W 107 25 45.44
	834.00	7.39	5.71	832.91	6.68	16.36	-2.03	1.19	1883118.37	151920.94	N 36 10 11.15	W 107 25 45.43
	895.00	8.18	5.13	893.35	8.32	24.59	-1.25	1.30	1883126.59	151921.82	N 36 10 11.24	W 107 25 45.42
	956.00	8.97	6.62	953.66	10.05	33.63	-0.31	1.35	1883135.62	151922.87	N 36 10 11.32	W 107 25 45.41
	1017.00	9.85	8.34	1013.84	11.67	43.52	0.99	1.51	1883145.49	151924.29	N 36 10 11.42	W 107 25 45.40
	1078.00	10.55	10.48	1074.96	13.08	54.35	2.79	1.28	1883156.30	151926.23	N 36 10 11.53	W 107 25 45.37
	1140.00	11.26	11.43	1134.76	14.26	65.68	4.99	1.20	1883167.60	151928.56	N 36 10 11.64	W 107 25 45.35
	1201.00	11.96	11.34	1184.51	15.43	77.71	7.41	1.15	1883179.60	151931.13	N 36 10 11.76	W 107 25 45.32
	1262.00	12.75	11.55	1254.10	16.66	90.50	10.00	1.30	1883192.36	151933.87	N 36 10 11.89	W 107 25 45.29
	1324.00	14.16	11.23	1314.39	18.03	104.64	12.85	2.28	1883206.47	151936.89	N 36 10 12.03	W 107 25 45.25
	1385.00	15.74	10.24	1373.33	19.72	120.11	15.77	2.62	1883221.90	151940.00	N 36 10 12.18	W 107 25 45.22
	1445.00	17.76	7.69	1430.78	22.11	137.19	18.45	3.58	1883238.94	151942.88	N 36 10 12.35	W 107 25 45.18
	1507.00	19.17	5.92	1489.59	25.55	156.68	20.76	2.45	1883258.41	151945.44	N 36 10 12.54	W 107 25 45.15
	1568.00	20.22	7.07	1547.02	29.24	177.11	23.09	1.83	1883278.81	151948.01	N 36 10 12.74	W 107 25 45.13
	1629.00	21.54	7.26	1604.01	32.89	198.68	25.80	2.17	1883300.34	151950.99	N 36 10 12.96	W 107 25 45.09
	1690.00	20.84	5.90	1660.89	36.82	220.58	28.33	1.40	1883322.21	151953.78	N 36 10 13.17	W 107 25 45.06
	1754.00	21.37	7.87	1720.59	40.80	243.45	31.10	1.38	1883345.05	151956.83	N 36 10 13.40	W 107 25 45.03
	1817.00	22.60	9.20	1779.01	44.21	266.77	34.61	2.11	1883368.33	151960.62	N 36 10 13.63	W 107 25 44.99
	1881.00	22.25	9.25	1838.17	47.45	290.87	38.52	0.55	1883392.38	151964.83	N 36 10 13.87	W 107 25 44.94
	1944.00	22.16	9.36	1896.50	50.57	314.37	42.37	0.16	1883415.83	151968.96	N 36 10 14.10	W 107 25 44.89
	2008.00	23.30	9.20	1955.53	53.83	338.77	46.36	1.78	1883440.18	151973.24	N 36 10 14.34	W 107 25 44.84
	2071.00	22.86	9.09	2013.49	57.14	363.16	50.28	0.70	1883464.52	151977.47	N 36 10 14.58	W 107 25 44.79
	2134.00	22.07	8.73	2071.70	60.47	386.94	54.01	1.27	1883488.25	151981.48	N 36 10 14.82	W 107 25 44.75
	2165.00	21.98	8.65	2100.44	62.12	398.43	55.77	0.31	1883499.73	151983.38	N 36 10 14.93	W 107 25 44.73
	2229.00	22.25	8.98	2159.73	65.48	422.24	59.46	0.46	1883523.49	151987.36	N 36 10 15.17	W 107 25 44.68
	2292.00	21.46	8.71	2218.21	68.75	445.41	63.07	1.26	1883546.62	151991.25	N 36 10 15.40	W 107 25 44.64
	2356.00	21.90	7.55	2277.68	72.33	468.82	66.41	0.96	1883569.98	151994.88	N 36 10 15.63	W 107 25 44.60
	2419.00	22.95	7.22	2335.91	76.29	492.65	69.50	1.68	1883593.77	151998.25	N 36 10 15.86	W 107 25 44.56
	2483.00	23.30	6.88	2394.77	80.57	517.60	72.58	0.59	1883618.68	152001.64	N 36 10 16.11	W 107 25 44.52
	2546.00	22.69	6.20	2452.76	84.97	542.05	75.39	1.06	1883643.10	152004.74	N 36 10 16.35	W 107 25 44.49
	2610.00	22.07	6.48	2511.94	89.42	566.27	78.08	0.98	1883667.28	152007.73	N 36 10 16.59	W 107 25 44.46
	2673.00	22.42	7.93	2570.26	93.41	589.92	81.07	1.03	1883690.90	152011.01	N 36 10 16.83	W 107 25 44.42
	2736.00	21.81	7.69	2628.62	97.13	613.42	84.30	0.98	1883714.36	152014.52	N 36 10 17.06	W 107 25 44.38
	2800.00	21.54	8.78	2688.10	100.68	636.82	87.68	0.76	1883737.71	152018.18	N 36 10 17.29	W 107 25 44.34
	2863.00	21.81	11.39	2748.64	103.41	659.72	91.76	1.59	1883760.57	152022.54	N 36 10 17.52	W 107 25 44.29
	2927.00	21.63	10.92	2808.10	105.76	682.96	96.34	0.39	1883783.75	152027.40	N 36 10 17.75	W 107 25 44.23
	2990.00	21.63	10.44	2864.66	108.26	705.78	100.64	0.28	1883806.51	152031.98	N 36 10 17.97	W 107 25 44.18
	3053.00	21.90	9.79	2923.17	111.00	728.77	104.74	0.57	1883829.46	152036.37	N 36 10 18.20	W 107 25 44.13
	3117.00	21.28	8.65	2982.68	114.12	752.02	108.52	1.17	1883852.66	152040.42	N 36 10 18.43	W 107 25 44.08
	3180.00	21.90	6.73	3041.26	117.82	774.99	111.62	1.49	1883875.59	152043.80	N 36 10 18.66	W 107 25 44.05
	3244.00	22.69	7.26	3100.48	121.97	799.09	114.58	1.27	1883898.65	152047.05	N 36 10 18.89	W 107 25 44.01
	3307.00	23.74	8.52	3158.37	125.83	823.68	117.99	1.84	1883924.20	152050.76	N 36 10 19.14	W 107 25 43.97
	3371.00	23.30	7.89	3217.06	129.67	848.96	121.64	0.79	1883949.44	152054.72	N 36 10 19.39	W 107 25 43.92
	3435.00	22.77	7.73	3275.95	133.61	873.77	125.04	0.83	1883974.20	152058.42	N 36 10 19.63	W 107 25 43.88
	3499.00	22.07	7.62	3335.12	137.50	897.96	128.30	1.10	1883998.35	152061.98	N 36 10 19.87	W 107 25 43.84
	3562.00	23.21	8.91	3393.26	141.11	921.96	131.79	1.97	1884022.31	152065.76	N 36 10 20.11	W 107 25 43.80
	3626.00	22.60	8.50	3452.21	144.64	946.58	135.56	0.99	1884046.88	152069.83	N 36 10 20.35	W 107 25 43.75
	3689.00	22.34	8.18	3510.43	148.20	970.40	139.06	0.46	1884070.66	152073.61	N 36 10 20.59	W 107 25 43.71
	3753.00	23.21	8.10	3569.44	151.95	994.93	142.56	1.36	1884095.15	152077.42	N 36 10 20.83	W 107 25 43.67
	3817.00	23.04	7.57	3628.30	155.89	1019.83	145.99	0.42	1884120.00	152081.15	N 36 10 21.08	W 107 25 43.63
	3880.00	22.95	6.98	3686.29	159.99	1044.24	149.11	0.39	1884144.38	152084.56	N 36 10 21.32	W 107 25 43.59
	3944.00	21.37	7.80	3745.56	163.96	1068.18	152.21	2.52	1884168.28	152087.95	N 36 10 21.56	W 107 25 43.55
	4007.00	20.58	8.12	3804.39	167.44	1090.51	155.33	1.27	1884190.57	152091.34	N 36 10 21.78	W 107 25 43.51
	4071.00	18.91	7.76	3864.62	170.79	1111.93	158.32	2.62	1884211.95	152094.59	N 36 10 21.99	W 107 25 43.48
	4134.00	18.64	6.72	3924.27	174.17	1132.04	160.87	0.68	1884232.03	152097.39	N 36 10 22.19	W 107 25 43.45
	4198.00	16.80	7.21	3985.23	177.52	1151.38	163.23	2.88	1884251.34	152099.98	N 36 10 22.38	W 107 25 43.42
	4261.00	14.42	7.14	4045.90	180.37	1168.19	165.35	3.78	1884268.13	152102.31	N 36 10 22.54	W 107 25 43.39

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 ° ' '')
	4325.00	14.07	5.99	4107.94	183.18	1183.84	167.15	0.70	1884283.75	152104.30	N 36 10 22.70	W 107 25 43.37
	4388.00	12.31	6.36	4169.27	185.85	1198.13	168.70	2.80	1884298.02	152106.02	N 36 10 22.84	W 107 25 43.35
	4452.00	12.49	6.28	4231.78	188.36	1211.79	170.21	0.28	1884311.66	152107.69	N 36 10 22.98	W 107 25 43.33
	4515.00	11.26	8.26	4293.43	190.53	1224.65	171.84	2.06	1884324.50	152109.48	N 36 10 23.10	W 107 25 43.31
	4578.00	9.85	9.44	4355.36	192.14	1236.05	173.60	2.26	1884335.88	152111.39	N 36 10 23.22	W 107 25 43.29
	4642.00	8.27	11.27	4418.56	193.29	1245.97	175.40	2.51	1884345.78	152113.30	N 36 10 23.31	W 107 25 43.27
	4705.00	6.51	13.43	4481.04	193.95	1253.89	177.12	2.83	1884353.67	152115.11	N 36 10 23.39	W 107 25 43.25
	4769.00	5.01	12.32	4544.71	194.38	1260.14	178.56	2.35	1884359.91	152116.63	N 36 10 23.45	W 107 25 43.23
	4833.00	3.34	10.28	4608.54	194.82	1264.71	179.49	2.62	1884364.47	152117.61	N 36 10 23.50	W 107 25 43.22
	4896.00	2.99	8.90	4671.44	195.26	1268.14	180.07	0.57	1884367.89	152118.24	N 36 10 23.53	W 107 25 43.21
	4960.00	1.67	11.55	4735.39	195.57	1270.70	180.51	2.07	1884370.45	152118.71	N 36 10 23.56	W 107 25 43.21
	5011.00	1.06	26.61	4786.37	195.56	1271.85	180.87	1.38	1884371.59	152119.09	N 36 10 23.57	W 107 25 43.20
	5053.00	0.79	359.45	4828.37	195.58	1272.49	181.04	1.21	1884372.23	152119.27	N 36 10 23.58	W 107 25 43.20
	5117.00	7.91	281.19	4892.16	200.10	1273.79	176.71	12.17	1884373.58	152114.95	N 36 10 23.59	W 107 25 43.25
	5180.00	15.04	280.15	4953.86	212.55	1276.07	164.40	11.32	1884376.01	152102.67	N 36 10 23.61	W 107 25 43.40
	5244.00	21.37	278.65	5014.63	232.36	1279.29	144.68	9.92	1884379.47	152082.98	N 36 10 23.64	W 107 25 43.64
	5307.00	25.32	276.95	5072.46	257.00	1282.65	119.95	6.36	1884383.13	152058.29	N 36 10 23.68	W 107 25 43.95
	5371.00	32.01	275.62	5128.58	287.16	1285.97	89.44	10.50	1884386.82	152027.84	N 36 10 23.71	W 107 25 44.32
	5434.00	36.93	275.55	5180.51	322.11	1289.44	53.97	7.81	1884390.72	151992.40	N 36 10 23.74	W 107 25 44.75
	5498.00	42.82	272.52	5229.61	362.08	1292.26	13.06	9.69	1884394.04	151951.53	N 36 10 23.77	W 107 25 45.25
	5561.00	49.68	272.32	5273.15	406.13	1294.17	-32.38	10.89	1884396.50	151906.12	N 36 10 23.79	W 107 25 45.80
	5625.00	56.45	270.12	5311.58	455.35	1295.22	-83.49	10.93	1884398.17	151855.02	N 36 10 23.80	W 107 25 46.43
	5688.00	63.84	269.33	5342.92	507.52	1294.94	-138.09	11.78	1884398.56	151800.42	N 36 10 23.80	W 107 25 47.09
	5752.00	69.64	268.65	5368.19	563.46	1293.90	-196.85	9.11	1884398.23	151741.65	N 36 10 23.79	W 107 25 47.81
	5815.00	74.83	268.80	5387.40	620.46	1292.56	-256.81	8.24	1884397.62	151681.67	N 36 10 23.77	W 107 25 48.54
	5879.00	80.81	269.54	5400.90	680.04	1291.66	-319.34	9.41	1884397.48	151619.14	N 36 10 23.77	W 107 25 49.30
	5925.00	85.21	270.28	5406.50	723.70	1291.59	-364.98	9.70	1884397.96	151573.49	N 36 10 23.76	W 107 25 49.86
7" Casing Point	5985.00	88.67	270.40	5409.70	781.14	1291.95	-424.89	5.77	1884399.05	151513.59	N 36 10 23.77	W 107 25 50.59
	6015.00	90.40	270.46	5409.94	809.91	1292.17	-454.88	5.77	1884399.64	151483.60	N 36 10 23.77	W 107 25 50.96
	6078.00	90.66	271.26	5409.36	870.47	1293.12	-517.87	1.34	1884401.35	151420.63	N 36 10 23.78	W 107 25 51.72
	6141.00	90.66	271.60	5408.63	931.20	1294.69	-580.85	0.54	1884403.69	151357.67	N 36 10 23.80	W 107 25 52.49
	6205.00	91.28	272.09	5407.55	993.01	1296.75	-644.81	1.23	1884406.52	151293.74	N 36 10 23.82	W 107 25 53.27
	6269.00	91.01	272.16	5406.27	1054.90	1299.12	-708.75	0.44	1884409.67	151229.83	N 36 10 23.84	W 107 25 54.05
	6332.00	91.36	273.29	5404.97	1115.98	1302.12	-771.67	1.88	1884413.43	151166.95	N 36 10 23.87	W 107 25 54.82
	6396.00	91.19	273.46	5403.55	1178.20	1305.88	-835.54	0.38	1884417.97	151103.13	N 36 10 23.91	W 107 25 55.60
	6459.00	90.75	272.36	5402.48	1239.33	1309.08	-898.45	1.88	1884421.93	151040.26	N 36 10 23.94	W 107 25 56.37
	6523.00	90.84	272.09	5401.59	1301.25	1311.57	-962.39	0.44	1884425.20	150976.35	N 36 10 23.96	W 107 25 57.15
	6587.00	90.40	270.83	5400.90	1362.95	1313.20	-1026.37	2.09	1884427.60	150912.40	N 36 10 23.98	W 107 25 57.93
	6650.00	91.19	269.76	5400.02	1423.34	1313.52	-1089.36	2.11	1884428.69	150849.41	N 36 10 23.98	W 107 25 58.69
	6714.00	90.57	270.06	5399.04	1484.55	1313.42	-1153.35	1.08	1884429.37	150785.42	N 36 10 23.98	W 107 25 59.47
	6777.00	90.84	269.83	5398.27	1544.82	1313.36	-1216.35	0.56	1884430.08	150722.43	N 36 10 23.98	W 107 26 0.24
	6841.00	91.36	269.70	5397.04	1605.99	1313.10	-1280.33	0.84	1884430.59	150658.44	N 36 10 23.98	W 107 26 1.02
	6904.00	90.84	269.35	5395.83	1666.12	1312.58	-1343.32	0.99	1884430.83	150595.45	N 36 10 23.97	W 107 26 1.79
	6968.00	91.28	269.51	5394.64	1727.17	1311.94	-1407.30	0.73	1884430.97	150531.46	N 36 10 23.97	W 107 26 2.57
	7031.00	90.48	269.08	5393.68	1787.23	1311.16	-1470.29	1.44	1884430.96	150468.46	N 36 10 23.96	W 107 26 3.34
	7095.00	91.28	269.88	5392.69	1848.30	1310.58	-1534.28	1.77	1884431.16	150404.47	N 36 10 23.95	W 107 26 4.12
	7158.00	90.40	269.11	5391.77	1908.43	1310.03	-1597.27	1.86	1884431.37	150341.48	N 36 10 23.95	W 107 26 4.89
	7222.00	91.28	270.24	5390.83	1969.57	1309.67	-1661.26	2.24	1884431.78	150277.48	N 36 10 23.94	W 107 26 5.67
	7285.00	91.36	272.71	5389.38	2030.29	1311.29	-1724.22	3.92	1884434.17	150214.55	N 36 10 23.96	W 107 26 6.44
	7349.00	91.10	273.74	5388.01	2092.47	1314.89	-1788.10	1.66	1884435.55	150150.71	N 36 10 23.99	W 107 26 7.22
	7412.00	90.22	271.48	5387.28	2153.53	1317.75	-1851.03	3.85	1884442.18	150087.82	N 36 10 24.02	W 107 26 7.98
	7476.00	91.63	271.07	5386.25	2215.17	1319.18	-1915.00	2.29	1884444.38	150023.87	N 36 10 24.04	W 107 26 8.76
	7540.00	90.84	270.80	5384.87	2276.67	1320.11	-1978.98	1.44	1884446.09	149959.90	N 36 10 24.05	W 107 26 9.54
	7603.00	90.75	270.62	5383.99	2337.15	1320.78	-2041.97	0.15	1884447.53	149896.92	N 36 10 24.05	W 107 26 10.31
	7667.00	90.66	270.63	5383.21	2398.60	1321.48	-2105.96	0.14	1884449.00	149832.94	N 36 10 24.06	W 107 26 11.09
	7730.00	91.54	270.21	5382.00	2459.01	1321.94	-2168.95	1.55	1884450.23	149769.97	N 36 10 24.06	W 107 26 11.86
	7793.00	91.54	269.69	5380.30	2519.27	1321.89	-2231.92	0.83	1884450.94	149706.99	N 36 10 24.06	W 107 26 12.63
	7857.00	91.19	269.80	5378.78	2580.42	1321.60	-2295.90	0.57	1884451.43	149643.01	N 36 10 24.06	W 107 26 13.41
	7921.00	91.19	269.88	5377.45	2641.61	1321.42	-2359.89	0.12	1884452.03	149579.02	N 36 10 24.06	W 107 26 14.19
	7984.00	91.01	270.42	5376.24	2701.94	1321.59	-2422.88	0.90	1884452.96	149515.04	N 36 10 24.06	W 107 26 14.96
	8048.00	90.84	269.73	5375.21	2763.21	1321.67	-2486.87	1.11	1884453.82	149452.05	N 36 10 24.06	W 107 26 15.74
	8111.00	91.36	270.71	5374.00	2823.56	1321.91	-2549.86	1.76	1884454.83	149389.07	N 36 10 24.06	W 107 26 16.51
	8175.00	90.66	270.27	5372.87	2884.96	1322.46	-2613.84	1.29	1884456.15	149325.09	N 36 10 24.07	W 107 26 17.29
	8238.00	91.36	271.95	5371.76	2945.59	1323.68	-2676.82	2.89	1884458.14	149262.13	N 36 10 24.08	W 107 26 18.06
	8302.00	90.66	271.76	5370.63	3007.40	1325.75	-2740.78	1.13	1884460.99	149198.20	N 36 10 24.10	W 107 26 18.84
	8365.00	91.28	273.35	5369.56	3068.44	1328.56	-2803.70	2.71	1884464.56	149135.31	N 36 10 24.13	W 107 26 19.60
	8429.00	90.75	273.33	5368.43	3130.65	1332.29	-2867.58	0.83	1884469.06	149071.48	N 36 10 24.17	W 107 26 20.38
	8492.00	91.28	273.71	5367.31	3191.95	1336.16	-2930.45	1.04	1884473.69	149008.66	N 36 10 24.20	W 107 26 21.15
	8556.00	90.75	272.97	5366.18	3254.17	1339.88	-2994.33	1.42	1884476.20	148944.83	N 36 10 24.24	W 107 26 21.93
	8619.00	90.66	272.26	5365.41	3315.23	1342.76	-3057.26	1.14	1884481.83	148881.93	N 36 10 24.27	W 107 26 22.70
	8683.00	90.31	271.50	5364.86	3377.05	1344.86	-3121.23	1.31	1884484.71	148818.00	N 36 10 24.29	W 107 26 23.48
	8747.00	91.54	271.43	5363.83	3438.75	1346.49	-3185.20	1.92	1884487.12	148754.05	N 36 10 24.31	W 107 26 24.26
	8810.00	91.19	271.40	5362.33	3499.46	1348.05	-3248.16	0.56	1884489.44	148691.11	N 36 10 24.32	W 107 26 25.02
	8873.00	90.75	271.22	5361.26	3560.15	1349.49	-3311.13	0.75	1884491.65	148628.16	N 36 10 24.34	W 107 26 25.79
	8937.00	90.40	271.32	5360.62	3621.79	1350.91	-3375.11	0.57	1			

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 ° ' ")
	9887.00	91.10	269.18	5349.10	4536.94	1372.84	-4324.67	0.74	1884527.31	147614.94	N 36 10 24.56	W 107 26 38.15
	9950.00	90.92	269.12	5347.99	4596.95	1371.91	-4387.66	0.30	1884527.15	147551.95	N 36 10 24.56	W 107 26 38.92
	10013.00	90.57	269.13	5347.17	4656.95	1370.95	-4450.64	0.56	1884526.95	147488.95	N 36 10 24.55	W 107 26 39.69
	10077.00	90.40	269.14	5346.63	4717.92	1369.98	-4514.63	0.27	1884526.76	147424.95	N 36 10 24.54	W 107 26 40.47
Last MWD Survey	10140.00	91.10	269.62	5345.80	4778.01	1369.30	-4577.62	1.35	1884526.84	147361.95	N 36 10 24.53	W 107 26 41.24
Projection to Bit	10219.00	91.10	269.62	5344.28	4853.45	1368.77	-4656.61	0.00	1884527.28	147282.97	N 36 10 24.52	W 107 26 42.20

Survey Type: Def Survey

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

Survey Program:

Description	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size	Casing Diameter (in)	Survey Tool Type	Borehole / Survey
	0.000	14.000	Act Stns	30.000	30.000	SLB_MWD-STD-Depth Only	Original Borehole / Chaco 2206-02H #225 MWD 0' to 10219'
	14.000	465.000	1/98.425	30.000	30.000	SLB_MWD-STD	Original Borehole / Chaco 2206-02H #225 MWD 0' to 10219'
	465.000	10140.000	Act Stns	30.000	30.000	SLB_MWD-STD	Original Borehole / Chaco 2206-02H #225 MWD 0' to 10219'
	10140.000	10219.000	Act Stns	30.000	30.000	SLB_BLIND+TREND	Original Borehole / Chaco 2206-02H #225 MWD 0' to 10219'