

District II
811 S. First Street, Artesia, NM 88210
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

OIL CONSERVATION DIVISION

1220 South St. Francis Drive
Santa Fe, NM 87505

☐ AMENDED REPORT

AS DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-31245		*Pool Code 98088	*Pool Name CHACO UNIT NE HZ (OIL)
*Property Code 313124	*Property Name CHACO 2307-13I		*Well Number 204H
*GRID No. 120782	*Operator Name WPX ENERGY PRODUCTION, LLC		*Elevation 6926'

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
I	13	23N	7W		1740	SOUTH	274	EAST	RIO ARRIBA

¹¹ Bottom Hole Location If Different From Surface

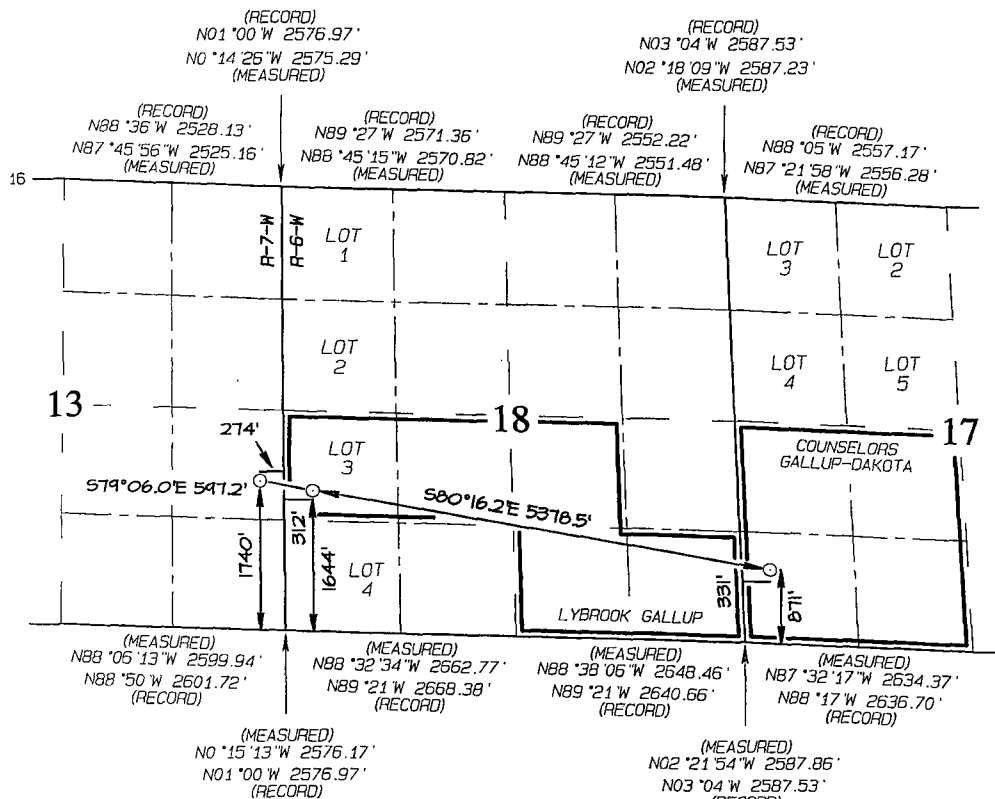
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	17	23N	6W		871	SOUTH	331	WEST	RIO ARriba

12 Dedicated Acres	360.75 Acres	SW/4 (17)	13 Joint or Infill	14 Consolidation Code	15 Order No.
	N/2, SW/4, NW/4 SE/4, S/2	SE/4 (18)			R-13817

RCVD SEP 24 '14
OIL CONS. DIV.

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



SURFACE LOCATION
1740' FSL 274' FEL
SECTION 13, T23N, R7W
LAT: 36.222986°N
LONG: 107.518906°W
DATUM: NAD1927

LAT: 36.222999 °N
LONG: 107.519511 °W
DATUM: NAD1983

POINT-OF-ENTRY
1644' FSL 312' FWL
SECTION 18, T23N, R6W
LAT: 36.222697°N
LONG: 107.516913°W
DATUM: NAD1927

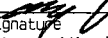
LAT: 36.222710 *N
LONG: 107.517519 *W
DATUM: NAD1983

END-OF-LATERAL
871' FSL 331' FWL
SECTION 17, T23N, R6W
LAT: 36.220389°N
LONG: 107.498905°W
DATUM: NAD1927

LAT: 36.220403 °N
LONG: 107.499510 °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.

 9/22/14

Signature _____ Date _____

Larry Higgins

Printed Name _____

larry.higgins@wpxenenergy.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: JULY 25, 2014
Date of Survey: AUGUST 2, 2012

Signature and Seal of Professional Surveyor



JASON C. EDWARDS
Certificate Number 15269

CONFIDENTIAL JASON
CONFIDENTIAL

N



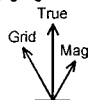
WPX Energy

PATHFINDER
A Schlumberger Company

Borehole:	Well:	Field:	Structure:
Original Hole	Chaco 2307-131 #204H	NM, Rio Arriba (NAD 27 CZ)	WPX 13-23N-7W (Chaco 2307-131 Pad)

Gravity & Magnetic Parameters	Surface Location	NAD27 New Mexico State Plane, Central Zone, US Feet	Miscellaneous
Model: BGGM 2014 Dip: 63.004° Date: 08-Jul-2014	Lat: N 36 13 22.75 Northing: 1902825.95RU	Grid Conv: -0.7499°	Slot: Chaco 2307-131 #204H
MagDec: 9.436° FS: 50083.758nT Gravity FS: 998.497mgn (9.80665 Based)	Lon: W 107 31 8.06 Easting: 125721.29RU	Scale Fact: 1.0000603	TVD Ref: RKB(6939ft above MSL)
			Plan: Chaco 2307-131 #204H MWD+GYRO 0' to 11280' Definitive

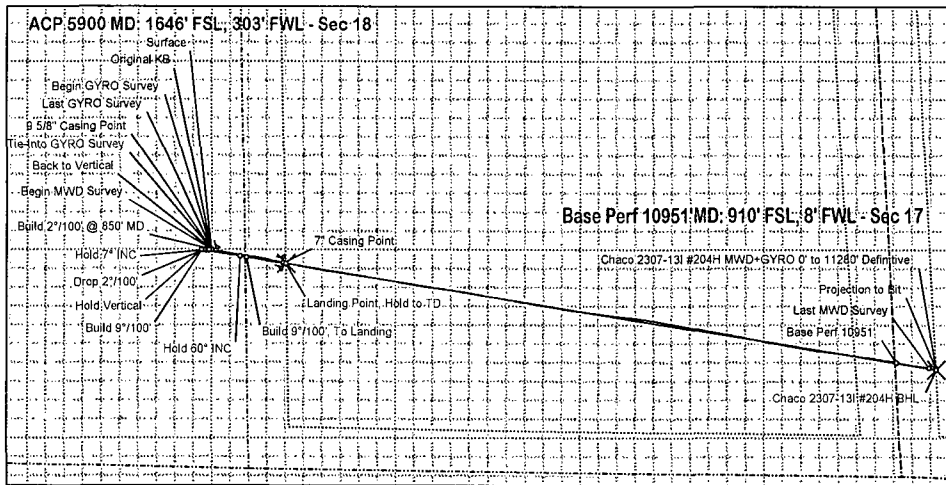
PvA



True North
Tot Corr (M→T 9.436°)
Mag Dec (9.436°)
Grid Conv (-0.750°)

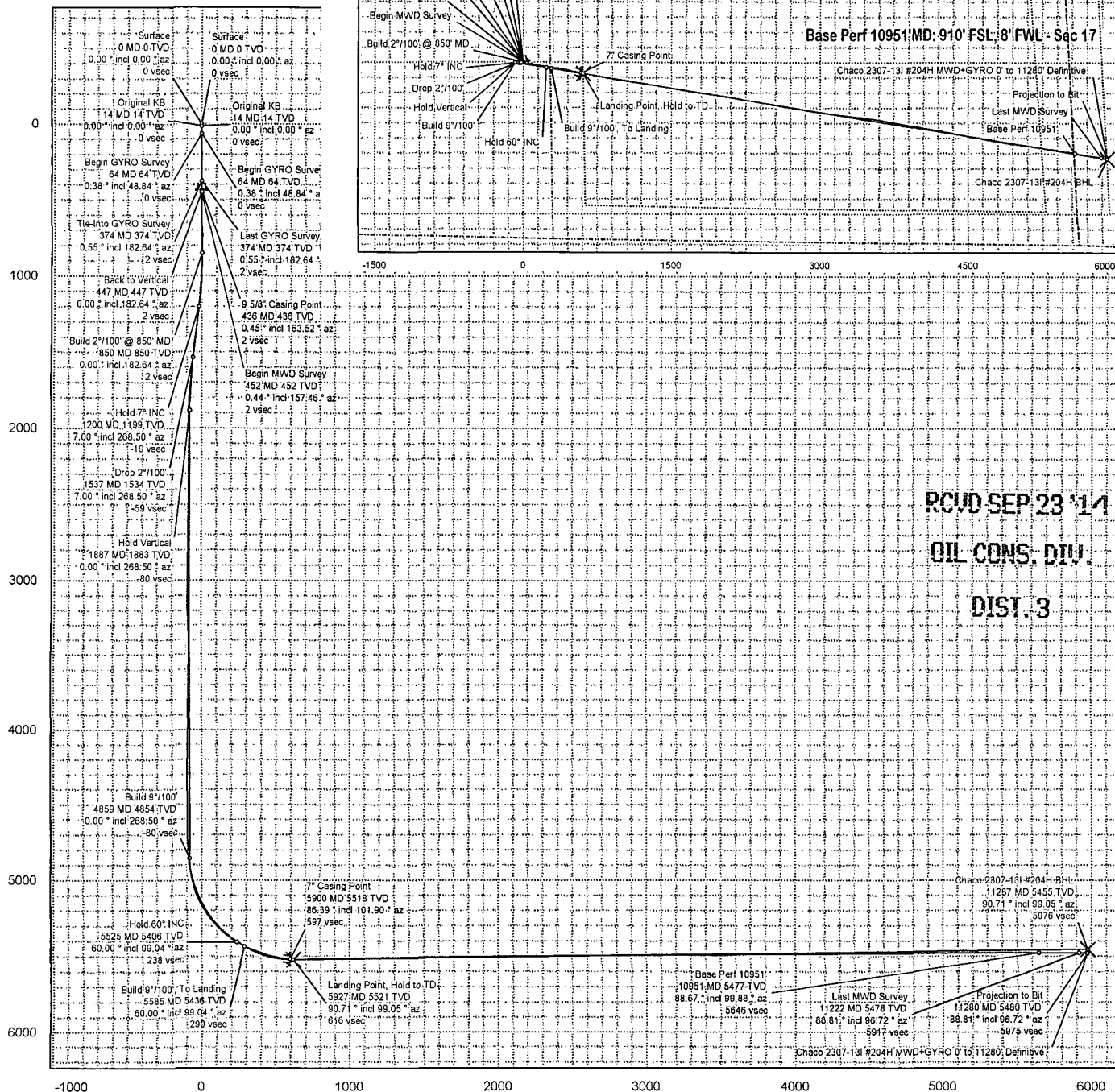


EW (ft) Scale = 1:1500(ft)



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

TVD (ft) Scale = 1:1000(ft)



RCVD SEP 23 '14
OIL CONS. DIV.
DIST. 3

Vertical Section (ft) Azim = 99.189° Scale = 1:1000(ft) Origin = 0N/-S, 0E/-W

Chaco 2307-131 #204H MWD+GYRO 0' to 11280' Definitive Survey Geodetic Report (Def Survey)

Report Date: July 23, 2014 - 11:15 AM
 Client: WPX Energy
 Field: NM, Rio Arriba (NAD 27 CZ)
 Structure / Slot: WPX 13-23N-7W (Chaco 2307-131 Pad) / Chaco 2307-131 #204H
 Well: Chaco 2307-131 #204H
 Borehole: Original Hole
 UWI / API#: Unknown / Unknown
 Survey Name: Chaco 2307-131 #204H MWD+GYRO 0' to 11280' Definitive
 Survey Date: July 08, 2014
 Tort / AHD / DDI / ERD Ratio: 224.624' / 6226.813 ft / 6.456 / 1.128
 Coordinate Reference System: NAD27 New Mexico State Plane, Central Zone, US Feet
 Location Lat / Long: N 36° 13' 22.74790", W 107° 31' 8.05870"
 Location Grid N/E Y/X: N 1902825.947 ftUS, E 125721.293 ftUS
 CRS Grid Convergence Angle: -0.7499°
 Grid Scale Factor: 1.0000603
 Version / Patch: 2.7.1043.0

Survey / DLS Computation: Minimum Curvature / Lubinski
 Vertical Section Azimuth: 99.189° (True North)
 Vertical Section Origin: 0.000 ft, 0.000 ft
 TVD Reference Datum: RKB
 TVD Reference Elevation: 6939.000 ft above MSL
 Seabed / Ground Elevation: 6925.000 ft above MSL
 Magnetic Declination: 9.436°
 Total Gravity Field Strength: 998.4966mgn (9.80665 Based)
 Gravity Model: GARM
 Total Magnetic Field Strength: 50083.758 nT
 Magnetic Dip Angle: 63.004°
 Declination Date: July 08, 2014
 Magnetic Declination Model: BGGM 2014
 North Reference: True North
 Grid Convergence Used: 0.0000°
 Total Corr Mag North→True North: 9.4362°
 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	1902825.95	125721.29	N 36 13 22.75 W 107 31	8.06
Original KB	14.00	0.00	0.00	14.00	0.00	0.00	0.00	0.00	1902825.95	125721.29	N 36 13 22.75 W 107 31	8.06
Begin GYRO Survey	64.00	0.38	48.84	64.00	0.11	0.11	0.12	0.76	1902826.05	125721.42	N 36 13 22.75 W 107 31	8.06
	114.00	0.37	10.93	114.00	0.22	0.38	0.28	0.49	1902826.32	125721.58	N 36 13 22.75 W 107 31	8.06
	164.00	0.47	71.62	164.00	0.40	0.60	0.51	0.87	1902826.54	125721.81	N 36 13 22.75 W 107 31	8.05
	214.00	0.62	92.98	214.00	0.85	0.65	0.97	0.50	1902826.58	125722.27	N 36 13 22.75 W 107 31	8.05
	264.00	0.63	98.41	263.99	1.40	0.60	1.51	0.12	1902826.52	125722.81	N 36 13 22.75 W 107 31	8.04
	314.00	0.28	78.57	313.99	1.79	0.58	1.90	0.77	1902826.51	125723.20	N 36 13 22.75 W 107 31	8.04
	364.00	0.52	183.91	363.99	1.92	0.39	2.01	1.32	1902826.31	125723.30	N 36 13 22.75 W 107 31	8.03
Last GYRO Survey	374.00	0.55	182.64	373.99	1.93	0.29	2.00	0.32	1902826.21	125723.30	N 36 13 22.75 W 107 31	8.03
9 5/8" Casing Point	436.00	0.45	163.52	435.99	2.07	-0.24	2.06	0.31	1902825.68	125723.35	N 36 13 22.75 W 107 31	8.03
Begin MWD Survey	452.00	0.44	157.46	451.99	2.13	-0.36	2.10	0.31	1902825.56	125723.39	N 36 13 22.74 W 107 31	8.03
	515.00	1.67	169.15	514.97	2.57	-1.48	2.36	1.97	1902824.43	125723.64	N 36 13 22.73 W 107 31	8.03
	579.00	2.73	181.63	578.93	3.09	-3.92	2.50	1.81	1902821.99	125723.74	N 36 13 22.71 W 107 31	8.03
	642.00	2.81	182.68	641.85	3.46	-6.96	2.38	0.15	1902818.95	125723.58	N 36 13 22.68 W 107 31	8.03
	705.00	2.99	184.97	704.77	3.76	-10.14	2.17	0.34	1902815.78	125723.33	N 36 13 22.65 W 107 31	8.03
	769.00	2.20	208.52	768.71	3.48	-12.89	1.44	2.05	1902813.04	125722.56	N 36 13 22.62 W 107 31	8.04
	832.00	1.76	249.11	831.67	2.24	-14.29	-0.05	2.28	1902811.65	125721.06	N 36 13 22.61 W 107 31	8.06
	895.00	2.02	248.01	894.64	0.47	-15.09	-1.96	0.44	1902810.88	125719.13	N 36 13 22.60 W 107 31	8.08
	959.00	2.11	244.08	958.60	-1.44	-16.06	-4.05	0.18	1902809.94	125717.03	N 36 13 22.59 W 107 31	8.11
	1022.00	5.10	249.69	1021.47	-4.82	-17.54	-7.72	4.77	1902808.51	125713.34	N 36 13 22.57 W 107 31	8.15
	1085.00	5.54	249.90	1084.19	-9.91	-19.56	-13.21	0.70	1902806.56	125707.83	N 36 13 22.55 W 107 31	8.22
	1146.00	6.16	263.52	1144.88	-15.63	-20.94	-19.22	2.48	1902805.26	125701.80	N 36 13 22.54 W 107 31	8.29
	1207.00	6.16	267.15	1205.53	-21.98	-21.47	-25.74	0.64	1902804.81	125695.27	N 36 13 22.54 W 107 31	8.37
	1268.00	6.68	275.00	1266.15	-28.72	-21.33	-32.55	1.67	1902805.05	125698.47	N 36 13 22.54 W 107 31	8.46
	1328.00	6.51	273.00	1325.75	-35.59	-20.84	-39.42	0.48	1902805.62	125691.60	N 36 13 22.54 W 107 31	8.54
	1389.00	6.68	272.69	1388.35	-42.55	-20.50	-46.42	0.28	1902806.05	125674.61	N 36 13 22.55 W 107 31	8.63
	1450.00	7.03	280.51	1446.91	-49.81	-19.65	-53.63	1.63	1902807.00	125667.41	N 36 13 22.55 W 107 31	8.71
	1511.00	7.39	288.34	1507.43	-57.41	-17.73	-61.03	1.71	1902809.01	125660.04	N 36 13 22.57 W 107 31	8.80
	1572.00	6.33	291.62	1567.99	-64.57	-15.26	-67.88	1.85	1902811.58	125653.22	N 36 13 22.60 W 107 31	8.89
	1634.00	5.36	297.46	1629.67	-70.66	-12.67	-73.62	1.83	1902814.24	125647.51	N 36 13 22.62 W 107 31	8.96
	1695.00	5.19	301.49	1690.41	-75.91	-9.91	-78.50	0.67	1902817.06	125642.66	N 36 13 22.65 W 107 31	9.02
	1757.00	4.13	308.33	1752.21	-80.46	-7.06	-82.65	1.93	1902819.97	125638.56	N 36 13 22.68 W 107 31	9.07
	1818.00	2.99	313.40	1813.09	-83.69	-4.61	-85.53	1.94	1902822.46	125635.71	N 36 13 22.70 W 107 31	9.10
	1878.00	2.20	330.38	1873.03	-85.71	-2.53	-87.23	1.82	1902824.56	125634.03	N 36 13 22.72 W 107 31	9.12
	1939.00	1.32	350.78	1934.00	-86.66	-0.82	-87.92	1.75	1902826.28	125633.36	N 36 13 22.75 W 107 31	9.13
	2000.00	1.49	62.51	1994.96	-86.25	0.24	-87.33	2.71	1902827.33	125634.97	N 36 13 22.76 W 107 31	9.12
	2063.00	0.79	29.08	2057.97	-85.45	1.00	-86.39	1.49	1902828.08	125634.91	N 36 13 22.76 W 107 31	9.11
	2127.00	0.44	337.58	2121.97	-85.42	1.61	-86.27	0.97	1902828.69	125634.91	N 36 13 22.76 W 107 31	9.11
	2190.00	0.44	349.75	2184.97	-85.63	2.07	-86.41	0.15	1902829.15	125634.98	N 36 13 22.77 W 107 31	9.11
	2253.00	0.35	32.47	2247.96	-85.64	2.47	-86.35	0.48	1902829.55	125634.98	N 36 13 22.77 W 107 31	9.11
	2316.00	0.18	26.08	2310.96	-85.53	2.73	-86.20	0.27	1902830.80	125635.13	N 36 13 22.77 W 107 31	9.11
	2409.00	0.26	343.99	2403.96	-85.58	3.06	-86.20	0.19	1902830.13	125635.14	N 36 13 22.78 W 107 31	9.11
	2472.00	0.18	298.58	2466.06	-85.73	3.24	-86.32	0.29	1902830.32	125635.02	N 36 13 22.78 W 107 31	9.11
	2535.00	0.26	283.59	2529.96	-85.97	3.32	-86.55	0.16	1902830.40	125634.79	N 36 13 22.78 W 107 31	9.11
	2598.00	0.26	248.39	2593.96	-86.24	3.31	-86.82	0.25	1902830.39	125634.51	N 36 13 22.78 W 107 31	9.12
	2662.00	0.53	251.63	2656.06	-86.62	3.16	-87.23	0.43	1902830.25	125634.10	N 36 13 22.78 W 107 31	9.12
	2725.00	0.44	258.04	2719.96	-87.10	3.02	-87.75	0.17	1902830.11	125633.59	N 36 13 22.78 W 107 31	9.13
	2788.00	0.70	244.87	2782.95	-87.65	2.81	-88.33	0.46	1902829.91	125633.00	N 36 13 22.78 W 107 31	9.14
	2851.00	0.79	236.64	2845.95	-88.28	2.40	-89.04	0.22	1902829.52	125632.28	N 36 13 22.77 W 107 31	9.15
	2914.00	0.97	233.16	2908.94	-88.97	1.84	-89.83	0.30	1902828.97	125631.49	N 36 13 22.77 W 107 31	9.16
	2977.00	1.23	238.27	2971.93	-89.86	1.17	-90.84	0.44	1902828.31	125630.48	N 36 13 22.76 W 107 31	9.17
	3041.00	1.06	227.48	3035.92	-90.74	0.41	-91.86	0.43	1902827.56	125629.45	N 36 13 22.75 W 107 31	9.18
	3104.00	0.62	206.70	3098.91	-91.21	-0.29	-92.44	0.84	1902826.87	125628.85	N 36 13 22.75 W 107 31	9.19
	3167.00	1.32	79.87	3161.91	-90.62	-0.47	-91.88	2.80	1902826.68	125629.41	N 36 13 22.74 W 107 31	9.18
	3231.00	2.46	90.11	3225.87	-88.57	-0.34	-89.78	1.85	1902826.78	125631.51	N 36 13 22.74 W 107 31	9.15
	3294.00	1.76	101.99	3288.83	-86.27	-0.54	-87.48	1.30	1902826.55	125633.81	N 36 13 22.74 W 107 31	9.13
	3358.00	1.49	126.71	3352.80	-84.55	-1.25	-85.85	1.16	1902825.83	125635.43	N 36 13 22.74 W 107 31	9.11
	3421.00	1.06	196.67	3415.79	-83.90	-2.29	-85.36	2.39	1902824.77	125635.90	N 36 13 22.73 W 107 31	9.10
	3484.00	1.23	205.01	3478.78	-84.16	-3.46	-85.81	0.38	1902823.61	125635.44	N 36 13 22.71 W 107 31	9.11
	3548.00	1.58	198.90	3542.76	-84.50	-4.92	-86.39	0.59	1902822.16	125634.84	N 36 13 22.70 W 107 31	9.11
	3611.00	0.88	246.77	3605.74	-85.05	-5.83	-87.12	1.88	1902821.15	125634.10	N 36 13 22.69 W 107 31	9.12
	3674.00	0.97	284.17	3668.74	-85.99	-5.99	-88.08	0.95	1902821.11	125633.14	N 36 13 22.69 W 107 31	9.13
	3737.00	1.14	281.87	3731.73	-87.15	-5.74	-89.21	0.28	1902821.38	125632.01	N 36 13 22.69 W 107 31	9.15
	3800.00	1.06	263.40	3794.71	-88.33	-5.67	-90.40	0.57	1902821.46	125630.82	N 36 13 22.69 W 107 31	9.16
	3863.00	0.97	247.49	3857.70	-89.35	-5.94	-91.47	0.47	1902821.20	125629.75	N 36 13 22.69 W 107 31	9.18
	3926.00	1.41	245.63	3920.69	-90.45	-6.47	-92.67	0.70	1902820.69	125628.54	N 36 13 22.68 W 107 31	9.19
	3990.00	1.23	243.56	3984.67	-91.66	-7.10	-94.00	0.29	1902820.08	125627.20	N 36 13 22.68 W 107 31	9.21
	4053.00	1.14	243.26	4047.66	-92.72	-7.68	-95.17	0.14	1902819.51	125626.03	N 36 13 22.67 W 107 31	9.22
	4116.00	0.70	253.30	4110.65	-93.57	-8.07	-96.10	0.74	1902819.13	125625.09	N 36 13 22.67 W 107 31	9.23
	4179.00	0.97	268.29	4173.65	-94.44	-8.22	-97.00	0.52	1902819.00	125624.19	N 36 13 22.67 W 107 31	9.24
	4242.00	0.44	278.03	4236.64	-95.20	-8.22	-97.77	0.87	1902819.01	125623.42	N 36 13 22.67 W 107 31	9.25
	4305.00	0.88	32.40	4299.64	-95.25	-7.78	-97.75	1.80	1902819.45	125623.44	N 36 13 22.67 W 107 31	9.25

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 ° ' ")
	4495.00	0.88	25.34	4489.62	-94.28	-5.22	-96.35	0.16	1902821.99	125624.88	N 36 13 22.70 W 107 31 9.23	
	4559.00	0.79	349.34	4553.61	-94.29	-4.34	-96.22	0.82	1902822.87	125625.02	N 36 13 22.70 W 107 31 9.23	
	4622.00	0.62	351.17	4616.60	-94.55	-3.58	-96.35	0.27	1902823.63	125624.90	N 36 13 22.71 W 107 31 9.23	
	4685.00	1.41	72.60	4679.60	-93.96	-3.01	-95.67	2.31	1902824.19	125625.59	N 36 13 22.72 W 107 31 9.23	
	4749.00	1.41	75.70	4743.58	-92.53	-2.58	-94.15	0.12	1902824.60	125627.11	N 36 13 22.72 W 107 31 9.21	
	4812.00	2.99	84.78	4806.53	-90.23	-2.24	-91.76	2.56	1902824.91	125629.50	N 36 13 22.73 W 107 31 9.18	
	4876.00	6.77	92.18	4870.29	-84.87	-2.23	-86.33	5.98	1902824.85	125634.94	N 36 13 22.73 W 107 31 9.11	
	4939.00	12.40	89.29	4932.38	-74.51	-2.29	-75.85	8.97	1902824.65	125645.42	N 36 13 22.73 W 107 31 8.98	
	5003.00	16.71	87.59	4994.31	-58.72	-1.82	-59.78	6.77	1902824.91	125661.50	N 36 13 22.73 W 107 31 8.79	
	5066.00	19.96	88.58	5054.11	-39.27	-1.17	-39.97	5.18	1902825.30	125681.31	N 36 13 22.74 W 107 31 8.55	
	5129.00	25.68	95.71	5112.16	-15.05	-2.26	-15.61	10.07	1902823.89	125705.65	N 36 13 22.73 W 107 31 8.25	
	5192.00	29.90	96.08	5167.88	14.26	-5.28	13.60	6.70	1902820.49	125734.82	N 36 13 22.70 W 107 31 7.89	
	5256.00	34.65	99.58	5221.99	48.41	-10.00	47.42	7.97	1902815.32	125768.58	N 36 13 22.65 W 107 31 7.48	
	5319.00	39.92	100.58	5272.09	86.55	-16.70	84.98	8.42	1902808.13	125806.05	N 36 13 22.58 W 107 31 7.02	
	5382.00	47.04	100.19	5317.78	129.87	-24.50	127.59	11.31	1902799.78	125848.56	N 36 13 22.51 W 107 31 6.50	
	5445.00	51.09	98.30	5359.05	177.45	-32.12	174.56	6.82	1902791.54	125895.42	N 36 13 22.43 W 107 31 5.93	
	5508.00	56.81	98.35	5396.11	228.36	-39.49	224.94	9.08	1902783.51	125945.71	N 36 13 22.36 W 107 31 5.31	
	5571.00	61.99	98.49	5428.17	282.56	-47.43	278.56	8.22	1902774.87	125999.22	N 36 13 22.28 W 107 31 4.66	
	5634.00	68.24	99.39	5454.66	339.68	-56.32	334.98	10.00	1902765.24	126055.53	N 36 13 22.19 W 107 31 3.97	
	5698.00	71.49	100.15	5476.69	399.76	-66.52	394.19	5.20	1902754.27	126114.60	N 36 13 22.09 W 107 31 3.25	
	5761.00	75.53	101.26	5494.57	460.13	-77.74	453.54	6.63	1902742.27	126173.80	N 36 13 21.98 W 107 31 2.52	
	5824.00	79.93	101.50	5507.96	521.63	-89.89	513.87	6.99	1902729.33	126233.97	N 36 13 21.86 W 107 31 1.79	
	5888.00	81.34	101.66	5513.49	555.15	-96.62	546.73	4.17	1902722.17	126266.75	N 36 13 21.79 W 107 31 1.39	
7" Casing Point	5900.00	86.39	101.90	5517.98	596.85	-105.15	587.60	12.03	1902713.11	126307.50	N 36 13 21.71 W 107 31 0.89	
	5918.00	88.55	102.00	5518.77	614.81	-108.87	605.19	12.03	1902709.16	126325.04	N 36 13 21.67 W 107 31 0.67	
	5981.00	90.48	100.24	5519.31	677.77	-121.02	667.00	4.15	1902696.20	126386.69	N 36 13 21.55 W 107 30 59.92	
	6044.00	91.54	100.24	5518.20	740.75	-132.22	728.99	1.68	1902684.19	126448.53	N 36 13 21.44 W 107 30 59.16	
	6107.00	91.01	99.54	5516.79	803.73	-143.03	791.04	1.39	1902672.56	126510.44	N 36 13 21.33 W 107 30 58.40	
	6170.00	92.24	99.01	5515.01	866.70	-153.18	853.19	2.13	1902661.60	126572.45	N 36 13 21.23 W 107 30 57.65	
	6231.00	90.66	99.54	5513.46	927.68	-163.01	913.37	2.73	1902650.99	126632.50	N 36 13 21.14 W 107 30 56.91	
	6292.00	90.84	99.54	5512.67	988.67	-173.12	973.52	0.30	1902640.09	126692.52	N 36 13 21.04 W 107 30 56.18	
	6353.00	90.84	99.45	5511.77	1049.66	-183.18	1033.68	0.15	1902629.24	126752.54	N 36 13 20.94 W 107 30 55.44	
	6414.00	90.92	98.13	5510.83	1110.65	-192.50	1093.95	2.17	1902619.13	126812.69	N 36 13 20.84 W 107 30 54.71	
	6475.00	91.71	97.87	5509.43	1171.62	-200.99	1154.34	1.36	1902609.85	126872.97	N 36 13 20.76 W 107 30 53.97	
	6536.00	90.40	98.13	5508.31	1232.60	-209.48	1214.74	2.19	1902600.58	126933.25	N 36 13 20.68 W 107 30 53.23	
	6597.00	90.66	97.87	5507.75	1293.58	-217.97	1275.14	0.60	1902591.30	126993.54	N 36 13 20.59 W 107 30 52.50	
	6658.00	91.01	98.74	5506.86	1354.57	-226.78	1335.49	1.54	1902581.70	127053.78	N 36 13 20.51 W 107 30 51.76	
	6719.00	90.31	99.89	5506.16	1415.56	-236.65	1395.68	2.21	1902571.04	127113.84	N 36 13 20.41 W 107 30 51.03	
	6780.00	90.48	99.89	5505.73	1476.56	-247.13	1455.77	0.28	1902559.77	127173.79	N 36 13 20.30 W 107 30 50.29	
	6841.00	90.92	99.98	5504.99	1537.55	-257.65	1515.86	0.74	1902548.46	127233.73	N 36 13 20.20 W 107 30 49.56	
	6902.00	90.22	99.62	5504.38	1598.54	-268.03	1575.96	1.29	1902537.30	127293.70	N 36 13 20.10 W 107 30 48.83	
	6964.00	90.84	98.92	5503.81	1660.54	-278.02	1637.15	1.51	1902526.51	127354.76	N 36 13 20.00 W 107 30 48.08	
	7025.00	90.31	99.18	5503.20	1721.53	-287.61	1697.39	0.97	1902516.12	127414.87	N 36 13 19.90 W 107 30 47.34	
	7086.00	89.34	99.01	5503.38	1781.53	-297.10	1756.63	1.64	1902505.87	127473.99	N 36 13 19.81 W 107 30 46.62	
	7146.00	90.04	98.39	5503.71	1842.53	-306.32	1816.93	1.53	1902495.85	127534.16	N 36 13 19.72 W 107 30 45.89	
	7207.00	90.66	97.34	5503.34	1903.51	-314.67	1877.35	2.00	1902486.71	127594.47	N 36 13 19.64 W 107 30 45.15	
	7268.00	92.07	97.16	5501.88	1964.46	-322.37	1937.85	2.33	1902478.22	127654.87	N 36 13 19.56 W 107 30 44.41	
	7329.00	90.13	97.51	5500.73	2024.41	-330.03	1997.34	3.29	1902469.79	127714.26	N 36 13 19.48 W 107 30 43.68	
	7389.00	90.75	99.01	5500.26	2085.40	-338.79	2057.70	2.66	1902460.24	127774.51	N 36 13 19.40 W 107 30 42.95	
	7451.00	90.57	100.15	5499.55	2147.39	-349.11	2118.83	1.86	1902449.12	127835.50	N 36 13 19.29 W 107 30 42.20	
	7511.00	89.69	99.98	5499.41	2207.38	-359.59	2177.91	1.49	1902437.86	127894.44	N 36 13 19.19 W 107 30 41.48	
	7572.00	90.04	99.80	5499.56	2268.38	-370.07	2238.00	0.65	1902426.60	127954.39	N 36 13 19.09 W 107 30 40.75	
	7632.00	90.22	99.45	5499.42	2328.38	-380.10	2297.16	0.66	1902415.79	128013.41	N 36 13 18.99 W 107 30 40.02	
	7694.00	91.36	99.10	5498.57	2390.37	-390.09	2358.34	1.92	1902405.00	128074.46	N 36 13 18.89 W 107 30 39.28	
	7755.00	90.31	99.98	5497.68	2451.36	-400.20	2418.49	2.25	1902394.10	128134.48	N 36 13 18.79 W 107 30 38.54	
	7816.00	89.87	100.24	5497.58	2514.35	-411.26	2480.51	0.81	1902382.23	128196.35	N 36 13 18.68 W 107 30 37.79	
	7881.00	90.84	99.89	5497.19	2577.34	-422.27	2542.54	1.64	1902370.41	128258.22	N 36 13 18.57 W 107 30 37.03	
	7944.00	90.04	99.36	5496.70	2640.34	-432.80	2604.65	1.52	1902359.06	128320.21	N 36 13 18.47 W 107 30 36.27	
	8008.00	90.22	99.36	5496.56	2704.34	-443.21	2667.80	0.28	1902347.83	128383.22	N 36 13 18.36 W 107 30 35.50	
	8070.00	90.57	98.48	5496.13	2766.34	-452.82	2729.05	1.53	1902337.41	128444.34	N 36 13 18.27 W 107 30 34.75	
	8133.00	90.66	98.74	5495.46	2829.33	-462.26	2791.33	0.44	1902327.17	128506.50	N 36 13 18.18 W 107 30 33.99	
	8196.00	90.75	99.01	5494.68	2892.32	-471.97	2853.57	0.45	1902316.64	128568.61	N 36 13 18.08 W 107 30 33.23	
	8260.00	89.87	98.22	5494.33	2956.32	-481.56	2916.85	1.85	1902306.22	128631.76	N 36 13 17.98 W 107 30 32.46	
	8323.00	90.31	97.43	5494.24	3019.30	-490.14	2979.26	1.44	1902296.83	128694.06	N 36 13 17.90 W 107 30 31.70	
	8386.00	90.22	97.69	5493.94	3082.27	-498.43	3041.71	0.44	1902287.72	128756.40	N 36 13 17.82 W 107 30 30.94	
	8449.00	90.48	98.13	5493.56	3145.26	-507.10	3104.11	0.81	1902278.24	128818.68	N 36 13 17.73 W 107 30 30.18	
	8512.00	90.22	97.87	5493.17	3208.24	-515.86	3166.50	0.58	1902268.65	128880.95	N 36 13 17.64 W 107 30 29.42	
	8575.00	89.52	96.90	5493.32	3271.21	-523.96	3228.97	1.90	1902259.74	128943.32	N 36 13 17.56 W 107 30 28.65	
	8638.00	90.48	96.37	5493.32	3334.14	-531.24	3291.55	1.74	1902251.64	129005.80	N 36 13 17.49 W 107 30 27.89	
	8702.00	89.43	96.11	5493.37	3398.06	-538.20	3355.17	1.69	1902243.85	129069.33	N 36 13 17.42 W 107 30 27.11	
	8765.00	89.43	95.93	5493.99	3460.96	-544.80	3417.82	0.29	1902236.42	129131.89	N 36 13 17.36 W 107 30 26.35	
	8828.00	91.01	96.64	5493.75	3523.88	-551.70	3480.44	2.75	1902228.71	129194.42	N 36 13 17.29 W 107 30 25.58	
	8891.00	92.86	97.69	5491.63	3586.80	-559.55	3542.91	3.38	1902220.04	129256.78	N 36 13 17.21 W 107 30 24.82	
	8954.00	91.45	99.54	5489.26	3649.75	-568.98	3605.15	3.69	1902209.79	129318.90	N 36 13 17.12 W 107 30 24.06	
	9017.00	90.66	100.50	5488.10	3712.73	-579.94	3667.18	1.97	1902198.02	129380.78	N 36 13 17.01 W 107 30 23.31	
	9080.00	90.22	100.06	5487.61	3775.71	-591.19	3729.16	0.99	1902185.97	129442.62	N 36 13 16.90 W 107 30 22.55	
	9143.00	89.60	99.98	5487.71	3838.71	-602.15	3791.20	0.99	19021			

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 ° ' ")
Last MWD Survey	11222.00	88.81	96.72	5478.40	5917.04	-937.78	5842.26	0.87	1901811.73	131551.12	N 36 13 13.47	W 107 29 56.76
Projection to Bit	11280.00	88.81	96.72	5479.61	5974.97	-944.56	5899.85	0.00	1901804.19	131608.61	N 36 13 13.40	W 107 29 56.06

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 2307-131 #204H MWD+GYRO 0' to 11280'
	1	14.000	374.000	Act Stns	30.000	30.000	SLB_NSG+MSHOT	Original Hole / Chaco 2307-131 #204H MWD+GYRO 0' to 11280'
	1	374.000	11222.000	Act Stns	30.000	30.000	SLB_MWD-STD	Original Hole / Chaco 2307-131 #204H MWD+GYRO 0' to 11280'
	1	11222.000	11280.000	Act Stns	30.000	30.000	SLB_BLIND+TREND	Original Hole / Chaco 2307-131 #204H MWD+GYRO 0' to 11280'