

District I
1625 N. French Drive, Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

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

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

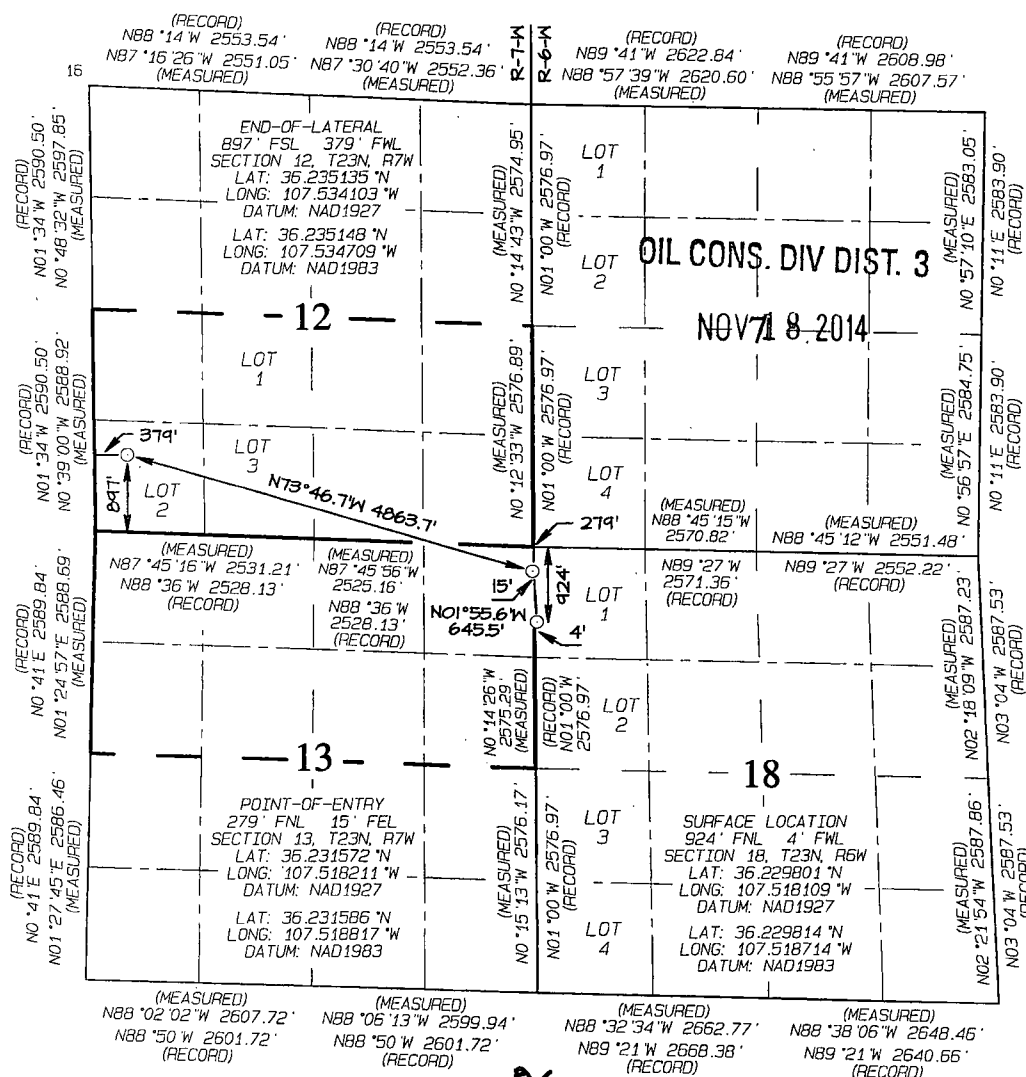
'API Number 30-039-31225	'Pool Code 98088	'Pool Name CHACO UNIT NE HZ (OIL)
'Property Code 313800	'Property Name NE CHACO COM	'Well Number 185H
'GRID No. 120782	'Operator Name WPX ENERGY PRODUCTION, LLC	'Elevation 6991'

¹⁰ Surface Location

U/L or Lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	18	23N	6W	1	924	NORTH	4	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
M	12	23N	7W		897	SOUTH	379	WEST	RIO ARRIBA
¹² Dedicated Acres 632.70	S/2 - N/2 -	Sec 12, Sec 13,	T23N, T23N,	R7W R7W	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-13817-A		



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

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 interest and that the proposed pooling agreement is a bona fide pooling order heretofore entered by the division.

Signature
LACEY GRANILLO

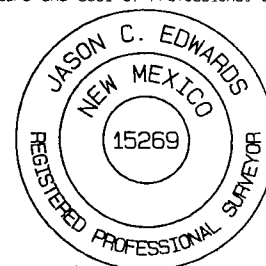
Printed Name
lacey.granillo@wpxenergy.com

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: NOVEMBER 4, 2014
Date of Survey: MARCH 4, 2013

Signature and Seal of Professional Surveyor



JASON C. EDWARDS

Certificate Number 15269

CONFIDENTIAL

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Borehole: OH / Rev1 Final PvA Well: Chaco 2307-13A #185H Field: NM, Rio Arriba / 13-23N-7W Structure: (Chaco 2307-13A Pad) / AWS 980

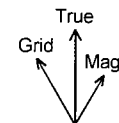
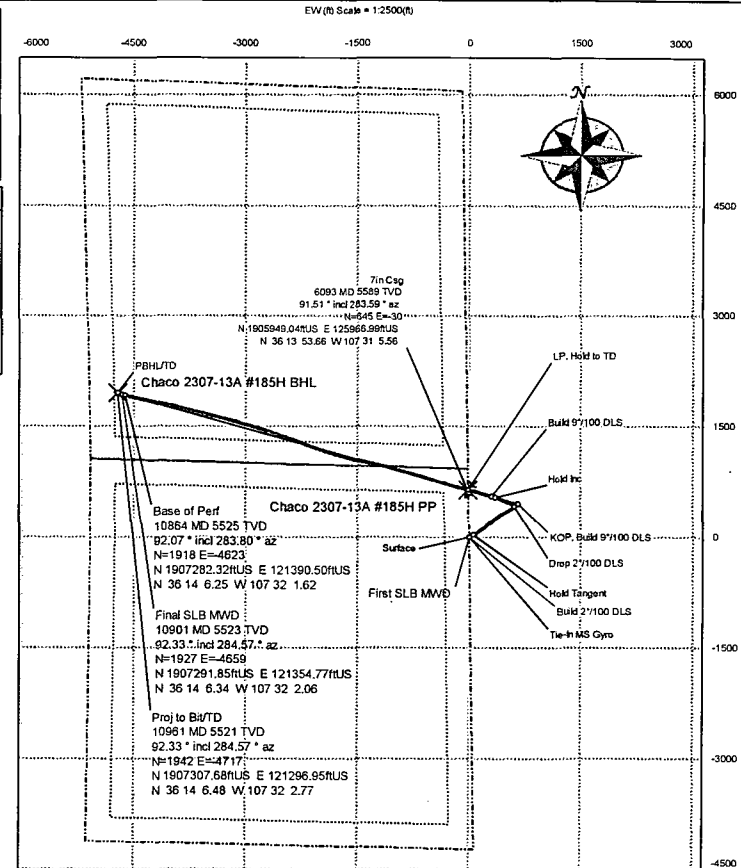
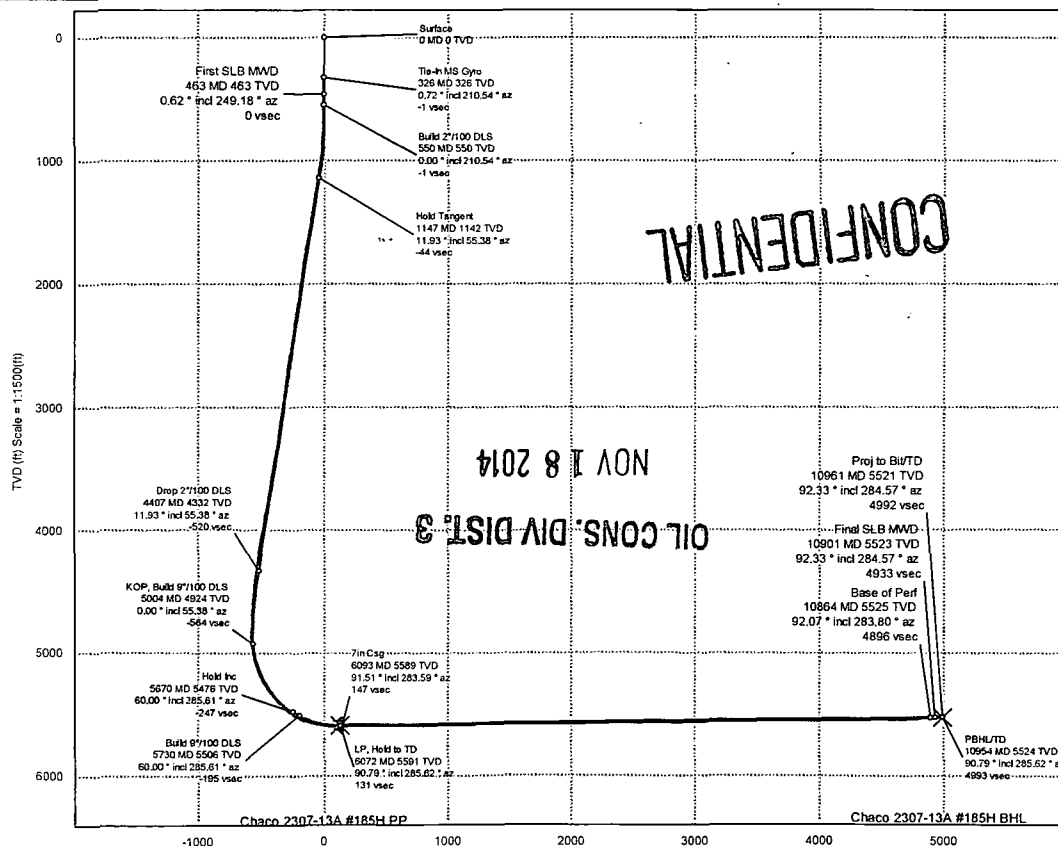
Gravity & Magnetic Parameters
 Model: BGGM 2014 Dip: 63.002° Date: 20-Oct-2014
 MagDec: 9.409° FS: 60050.674nT Gravity FS: 998.491mgm (9.80665 Based)

Surface Location
 Lat: N 36 13 47.28 Northing: 1905303.574US Grid Conv: -0.7496°
 Lon: W 107 31 5.20 Easting: 125988.318US Scale Fact: 1.00006007

Miscellaneous
 Slot: Chaco 2307-13A # 185H TVD Ref: RKB 14R @ 7005ft / GL: 6991ft above MSL
 Plan: Chaco 2307-13A #185H GYRO/MWD Dr to 10861ft Final

Surface Location		NAD27 New Mexico State Plane, Central Zone, US Feet		VSec Azimuth: 0	
Northing: 1905303.574	Easting: 125988.309	Latitude: N 36 13 47.28	Longitude: W 107 31 5.20		
Grid Coord		Local Coord			
Target Name	Latitude	Longitude	Northing	Easting	TVD
Chaco 2307-13A #185H BHL	N 36 14 6.58	W 107 32 2.78	1907316.89	121297.88	5524.00
Chaco 2307-13A #185H PP	N 36 13 53.58	W 107 31 5.38	1905940.83	125981.50	5591.00
Sec 12-T23N-R07W- 330' Setback	N 36 14 15.54	W 107 31 2.14	1908157.96	126276.38	7005.00
Sec 12-T23N-R07W- Section Line	N 36 14 15.54	W 107 31 2.14	1908157.96	126276.38	7005.00
Sec 13-T23N-R07W- 330' Setback	N 36 13 47.24	W 107 31 5.45	1905300.20	125987.62	7005.00
Sec 13-T23N-R07W- Section Line	N 36 13 47.24	W 107 31 5.45	1905300.20	125987.62	7005.00

Critical Points							
Critical Point	MD	INCL	AZIM	TVD	VSEC	N(+)/S(-)	E(+)/W(-)
Last Gyro / Tie-On	326.00	0.72	210.54	325.99	-2.37	-2.37	0.50
First SLB MWD	463.00	0.62	249.18	462.98	-3.37	-3.37	-0.63
7in Csg	6093.00	91.51	283.59	5588.56	645.09	645.09	-29.76
Base of Perf	10864.00	92.07	283.80	5524.83	1918.31	1918.31	-4623.03
Final SLB MWD	10901.00	92.33	284.57	5523.41	1927.37	1927.37	-4658.88
Proj to Bit/TD	10961.00	92.33	284.57	5520.97	1942.45	1942.45	-4716.90



True North
 Tot Corr (M→T 9.409°)
 Mag Dec (9.409°)
 Grid Conv (-0.750°)

Actual 7in Csg: 6093ft MD: 279.2' FNL & 15' FEL Sec 13
 Base of Perf: 10864ft MD: 874.1' FSL & 471.0' FWL Sec 12
 Proj to TD: 10961ft MD: 895.8' FSL & 377.8' FWL Sec 12



Chaco 2307-13A #185H GYRO+MWD Off to 10961ft Final Survey Report



(Def Survey)

Report Date: November 12, 2014 - 03:15 PM
Client: WPX Energy
Field: NM, Rio Arriba (NAD 27 CZ)
Structure / Slot: WPX 13-23N-7W (Chaco 2307-13A Pad) - AWS 980 / Chaco 2307-13A #185H
Well: Chaco 2307-13A #185H
Borehole: OH
Rig / API#: AWS 980 / 30-039-TBD
Survey Name: Chaco 2307-13A #185H GYRO+MWD Off to 10961ft Final
Survey Date: October 20, 2014
Tort / AHD / DDI / ERD Ratio: 207.530 * / 6387.371 ft / 6.415 / 1.143
Coordinate Reference System: NAD27 New Mexico State Plane, Central Zone, US Feet
Location Lat / Long: N 36°13' 47.28000", W 107°31' 5.19600"
Location Grid N/E Y/X: N 1905303.574 ftUS, E 125988.309 ftUS
CRS Grid Convergence Angle: -0.7496 °
Grid Scale Factor: 1.00006007
Version / Patch: 2.8.572.0

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 0.000 ° (True North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: RKB 14ft
TVD Reference Elevation: 7005.000 ft above MSL
Seabed / Ground Elevation: 6991.000 ft above MSL
Magnetic Declination: 9.409 °
Total Gravity Field Strength: 998.4908mg (9.80665 Based)
Gravity Model: GARM
Total Magnetic Field Strength: 50050.674 nT
Magnetic Dip Angle: 63.002 °
Declination Date: October 20, 2014
Magnetic Declination Model: BGGM 2014
North Reference: True North
Grid Convergence Used: 0.0000 °
Total Corr Mag North-True North: 9.4091 °
Local Coord Referenced To: Well Head

OIL CONS. DIST. 3

NOV 10 2014

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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 °)
Last Gyro / Tie-On	326.00	0.72	210.54	325.99	-2.37	-2.37	0.50	N/A	1905301.20	125988.78	N 36.229793	W 107.518108
Frist SLB MWD	463.00	0.62	249.18	462.98	-3.37	-3.37	-0.63	0.33	1905300.21	125987.63	N 36.229791	W 107.518112
	526.00	0.53	251.72	525.97	-3.58	-3.58	-1.23	0.15	1905300.01	125987.04	N 36.229790	W 107.518114
	589.00	1.06	43.60	588.97	-3.25	-3.25	-1.10	2.46	1905300.33	125987.17	N 36.229791	W 107.518114
	653.00	1.76	37.01	652.95	-2.04	-2.04	-0.10	1.12	1905301.53	125988.18	N 36.229794	W 107.518110
	715.00	2.55	47.64	714.91	-0.35	-0.35	1.49	1.42	1905303.20	125989.80	N 36.229799	W 107.518105
	779.00	3.96	54.67	778.80	1.89	1.89	4.35	2.29	1905305.40	125992.68	N 36.229805	W 107.518095
	842.00	5.01	57.75	841.61	4.61	4.61	8.45	1.71	1905308.08	125996.82	N 36.229813	W 107.518081
	906.00	6.42	62.94	905.29	7.73	7.73	14.00	2.34	1905311.12	126002.41	N 36.229821	W 107.518063
	969.00	8.97	64.08	967.72	11.48	11.48	21.55	4.05	1905314.77	126010.01	N 36.229832	W 107.518037
	1033.00	10.46	65.22	1030.80	16.10	16.10	31.32	2.35	1905319.26	126019.83	N 36.229844	W 107.518004
	1096.00	11.26	64.96	1092.67	21.10	21.10	42.08	1.27	1905324.12	126030.66	N 36.229858	W 107.517967
	1155.00	11.61	59.24	1150.50	26.57	26.57	52.40	2.01	1905329.46	126041.06	N 36.229873	W 107.517932
	1216.00	12.13	56.61	1210.20	33.24	33.24	63.03	1.23	1905335.99	126051.77	N 36.229891	W 107.517896
	1277.00	11.70	57.75	1269.68	40.07	40.07	73.61	0.80	1905342.68	126062.44	N 36.229910	W 107.517860
	1338.00	11.78	56.70	1329.61	46.79	46.79	84.04	0.37	1905349.26	126072.96	N 36.229929	W 107.517825
	1399.00	13.01	55.03	1389.18	54.14	54.14	94.88	2.10	1905356.47	126083.89	N 36.229949	W 107.517788
	1459.00	13.45	53.88	1447.59	62.12	62.12	106.05	0.85	1905364.31	126095.17	N 36.229971	W 107.517750
	1520.00	13.89	52.56	1506.86	70.76	70.76	117.59	0.88	1905372.79	126106.82	N 36.229994	W 107.517711
	1581.00	13.98	53.44	1566.07	79.60	79.60	129.32	0.38	1905381.48	126118.67	N 36.230019	W 107.517672
	1641.00	13.89	54.06	1624.30	88.14	88.14	140.97	0.29	1905389.87	126130.43	N 36.230042	W 107.517632
	1703.00	13.54	54.50	1684.53	96.72	96.72	152.91	0.59	1905398.29	126142.48	N 36.230066	W 107.517592
	1763.00	13.01	55.20	1742.93	104.66	104.66	164.17	0.92	1905406.08	126153.85	N 36.230087	W 107.517553
	1824.00	12.66	54.06	1802.41	112.50	112.50	175.22	0.71	1905413.78	126165.00	N 36.230109	W 107.517516
	1885.00	12.31	52.12	1881.96	120.42	120.42	185.77	0.90	1905421.56	126175.65	N 36.230131	W 107.517480
	1946.00	12.13	49.84	1921.58	128.54	128.54	195.80	0.84	1905429.55	126185.78	N 36.230153	W 107.517446
	2007.00	11.70	48.70	1981.27	136.76	136.76	205.34	0.80	1905437.64	126195.44	N 36.230176	W 107.517414
	2070.00	12.22	48.78	2042.90	145.37	145.37	215.16	0.83	1905446.12	126205.36	N 36.230199	W 107.517381
	2133.00	12.49	49.93	2104.44	154.15	154.15	225.39	0.58	1905454.77	126215.71	N 36.230223	W 107.517346
	2196.00	12.49	51.95	2165.95	162.73	162.73	235.96	0.69	1905463.21	126226.40	N 36.230247	W 107.517310
	2259.00	12.22	53.97	2227.49	170.85	170.85	246.72	0.81	1905471.19	126237.26	N 36.230269	W 107.517274
	2323.00	11.70	56.43	2290.10	178.42	178.42	257.60	1.14	1905478.62	126248.24	N 36.230290	W 107.517237
	2416.00	11.15	58.16	2381.26	188.38	188.38	273.10	0.70	1905488.38	126263.87	N 36.230317	W 107.517184
	2480.00	10.64	56.96	2444.11	194.87	194.87	283.31	0.87	1905494.73	126274.16	N 36.230335	W 107.517149
	2543.00	11.34	58.19	2505.95	201.30	201.30	293.45	1.17	1905501.03	126284.39	N 36.230353	W 107.517115
	2606.00	12.31	57.84	2567.61	208.14	208.14	304.40	1.54	1905507.73	126295.42	N 36.230372	W 107.517078
	2669.00	11.43	55.99	2629.26	215.21	215.21	315.26	1.52	1905514.65	126306.38	N 36.230391	W 107.517041
	2733.00	10.73	54.85	2692.07	222.19	222.19	325.39	1.15	1905521.50	126316.59	N 36.230410	W 107.517007
	2796.00	11.08	53.97	2753.93	229.12	229.12	335.08	0.62	1905528.31	126326.38	N 36.230429	W 107.516974
	2859.00	11.78	54.59	2815.68	236.41	236.41	345.22	1.13	1905535.46	126336.61	N 36.230449	W 107.516940
	2903.00	11.71	53.13	2858.76	241.69	241.69	352.45	0.89	1905540.65	126343.91	N 36.230464	W 107.516915
	2965.00	11.31	52.21	2919.52	249.19	249.19	362.29	0.71	1905548.02	126353.85	N 36.230485	W 107.516882
	3028.00	11.40	55.33	2981.28	256.52	256.52	372.29	0.99	1905555.22	126363.94	N 36.230505	W 107.516848
	3091.00	10.69	55.42	3043.12	263.38	263.38	382.22	1.13	1905561.94	126373.97	N 36.230523	W 107.516814
	3154.00	10.78	56.61	3105.01	269.94	269.94	391.95	0.38	1905568.38	126383.78	N 36.230541	W 107.516781
	3217.00	10.30	54.80	3166.95	276.43	276.43	401.47	0.93	1905574.74	126393.39	N 36.230559	W 107.516749
	3280.00	10.21	53.92	3228.94	282.96	282.96	410.59	0.29	1905581.16	126402.59	N 36.230577	W 107.516718
	3344.00	11.18	56.30	3291.83	289.74	289.74	420.33	1.67	1905587.81	126412.42	N 36.230596	W 107.516685
	3407.00	13.30	60.40	3353.40	296.71	296.71	431.72	3.63	1905594.63	126423.90	N 36.230615	W 107.516646
	3470.00	13.21	60.93	3414.72	303.79	303.79	444.31	0.24	1905601.54	126436.58	N 36.230634	W 107.516604
	3534.00	12.81	59.12	3477.08	310.98	310.98	456.79	0.89	1905608.57	126449.16	N 36.230654	W 107.516561
	3596.00	12.42	58.90	3537.58	317.96	317.96	468.40	0.63	1905615.39	126460.86	N 36.230673	W 107.516522
	3659.00	12.02	58.72	3599.15	324.86	324.86	479.81	0.64	1905622.15	126472.35	N 36.230692	W 107.516483
	3723.00	12.02	57.62	3661.75	331.89	331.89	491.13	0.36	1905629.03	126483.77	N 36.230712	W 107.516445
	3786.00	11.71	58.19	3723.40	338.77	338.77	502.10	0.53	1905635.77	126494.83	N 36.230731	W 107.516408
	3850.00	12.02	60.93	3786.04	345.44	345.44	513.45	1.00	1905642.28	126506.26	N 36.230749	W 107.516369
	3913.00	12.20	61.63	3847.63	351.79	351.79	525.04	0.37	1905648.48	126517.93	N 36.230768	W 107.516330
	3976.00	12.90	60.00	3909.13	358.47	358.47	536.99	1.25	1905655.00	126529.97	N 36.230785	W 107.516289
	4039.00	13.21	59.20	3970.50	365.67	365.67	549.26	0.57	1905662.04	126542.34	N 36.230804	W 107.516248
	4102.00	12.90	59.52	4031.87	372.92	372.92	561.50	0.51	1905669.14	126554.68	N 36.230824	W 107.516206
	4166.00	12.68	58.50	4094.28	380.21	380.21	573.65	0.49	1905676.27	126566.92	N 36.230844	W 107.516165
	4229.00	12.28	57.31	4155.79	387.45	387.45	585.18	0.75	1905683.35	126578.54	N 36.230864	W 107.516126
	4292.00	12.20	55.42	4217.36	394.84	394.84	596.30	0.65	1905690.60	126589.76	N 36.230885	W 107.516088
	4355.00	11.62	55.20	4279.01	402.24	402.24	606.99	0.92	1905697.86	126600.55	N 36.230905	W 107.516052
	4419.00	10.30	57.80	4341.84	408.97	408.97	617.13	2.20	1905704.46	126610.77	N 36.230923	W 107.516018
	4482.00	9.01	60.00	4403.94	414.44	414.44	626.17	2.13	1905709.81	126619.88	N 36.230938	W 107.515987
	4545.00	7.91	62.60	444								

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 °)
	5422.00	35.40	287.61	5311.43	472.56	472.56	519.71	7.71	1905769.32	126514.18	N 36.231098	W 107.516348
	5486.00	38.71	291.09	5362.50	485.38	485.38	483.35	6.12	1905762.61	126478.00	N 36.231133	W 107.516471
	5550.00	43.88	292.10	5410.57	500.93	500.93	444.10	8.14	1905768.68	126438.95	N 36.231176	W 107.516604
	5613.00	51.08	291.00	5453.12	517.95	517.95	400.93	11.50	1905816.27	126396.01	N 36.231223	W 107.516751
	5677.00	57.49	288.40	5490.47	535.41	535.41	352.03	10.54	1905834.37	126347.33	N 36.231271	W 107.516916
	5741.00	62.70	286.99	5522.37	552.25	552.25	299.19	8.36	1905851.90	126294.72	N 36.231317	W 107.517096
	5805.00	70.79	286.42	5547.61	569.13	569.13	242.92	12.67	1905859.51	126238.66	N 36.231363	W 107.517286
	5869.00	75.70	286.33	5566.06	586.40	586.40	184.14	7.67	1905887.55	126180.11	N 36.231411	W 107.517486
	5933.00	78.88	286.33	5580.14	603.95	603.95	124.23	4.97	1905905.89	126120.44	N 36.231459	W 107.517689
	6021.00	89.31	284.83	5589.18	627.42	627.42	40.03	11.97	1905930.45	126036.55	N 36.231523	W 107.517974
7in Csg	6093.00	91.51	283.59	5588.66	645.09	645.09	-29.76	3.50	1905949.04	125966.99	N 36.231572	W 107.518211
	6114.00	92.15	283.23	5587.99	649.96	649.96	-50.18	3.50	1905954.17	125946.64	N 36.231658	W 107.518280
	6175.00	90.40	286.11	5586.64	665.41	665.41	-109.16	5.52	1905970.39	125887.85	N 36.231626	W 107.518480
	6236.00	89.78	285.54	5586.54	682.04	682.04	-167.85	1.38	1905987.79	125829.39	N 36.231674	W 107.518679
	6297.00	90.04	285.95	5586.64	698.59	698.59	-226.56	0.80	1906005.11	125770.89	N 36.231719	W 107.518878
	6359.00	90.40	286.26	5586.40	715.79	715.79	-286.13	0.77	1906023.09	125711.55	N 36.231766	W 107.519080
	6420.00	90.66	285.71	5585.83	732.59	732.59	-344.77	1.00	1906040.65	125653.12	N 36.231812	W 107.519279
	6482.00	90.48	285.84	5585.22	749.44	749.44	-404.43	0.36	1906058.29	125593.70	N 36.231859	W 107.519481
	6542.00	90.48	286.09	5584.71	765.95	765.95	-462.11	0.42	1906075.54	125536.23	N 36.231904	W 107.519677
	6603.00	90.13	286.56	5584.39	783.09	783.09	-520.65	0.96	1906093.46	125477.92	N 36.231951	W 107.519875
	6664.00	90.31	286.65	5584.16	800.52	800.52	-579.11	0.33	1906111.65	125419.69	N 36.231999	W 107.520073
	6725.00	90.48	286.62	5583.74	817.99	817.99	-636.77	0.28	1906129.88	125361.47	N 36.232047	W 107.520272
	6786.00	90.40	286.48	5583.27	835.36	835.36	-696.03	0.26	1906148.02	125303.23	N 36.232095	W 107.520470
	6847.00	90.75	286.31	5582.65	852.58	852.58	-754.54	0.64	1906166.00	125244.94	N 36.232142	W 107.520668
	6907.00	91.01	285.96	5581.73	869.25	869.25	-812.17	0.73	1906183.43	125187.53	N 36.232188	W 107.520864
	6969.00	90.75	285.53	5580.78	886.07	886.07	-871.84	0.81	1906201.03	125128.09	N 36.232234	W 107.521066
	7029.00	91.19	285.92	5579.77	902.33	902.33	-929.58	0.98	1906218.04	125070.56	N 36.232279	W 107.521262
	7091.00	91.19	285.41	5578.48	919.07	919.07	-989.27	0.82	1906235.56	125011.09	N 36.232325	W 107.521464
	7151.00	90.31	284.64	5577.69	934.62	934.62	-1047.21	1.95	1906251.87	124953.36	N 36.232367	W 107.521660
	7212.00	90.84	284.56	5577.08	950.00	950.00	-1106.24	0.88	1906268.02	124894.53	N 36.232410	W 107.521861
	7273.00	90.31	283.43	5576.47	964.75	964.75	-1165.42	2.05	1906283.54	124835.54	N 36.232450	W 107.522061
	7334.00	90.57	282.60	5576.00	978.48	978.48	-1224.85	1.43	1906298.06	124776.29	N 36.232488	W 107.522263
	7395.00	89.78	281.82	5575.81	991.39	991.39	-1284.47	1.82	1906311.74	124716.84	N 36.232523	W 107.522465
	7455.00	89.69	281.95	5576.09	1003.74	1003.74	-1343.19	0.26	1906324.86	124658.29	N 36.232557	W 107.522664
	7516.00	90.31	282.78	5576.09	1016.80	1016.80	-1402.77	1.70	1906338.70	124598.88	N 36.232593	W 107.522866
	7577.00	90.48	283.49	5575.67	1030.67	1030.67	-1462.17	1.20	1906353.34	124539.66	N 36.232631	W 107.523067
	7638.00	90.13	284.58	5575.35	1045.46	1045.46	-1521.35	1.88	1906368.91	124480.68	N 36.232672	W 107.523268
	7698.00	90.04	284.97	5575.26	1060.76	1060.76	-1579.36	0.67	1906384.97	124422.87	N 36.232714	W 107.523465
	7759.00	90.13	285.34	5575.17	1076.71	1076.71	-1638.24	0.62	1906401.68	124364.20	N 36.232757	W 107.523664
	7819.00	89.87	285.75	5575.17	1092.79	1092.79	-1696.05	0.81	1906418.52	124306.60	N 36.232802	W 107.523860
	7880.00	89.96	285.70	5575.26	1109.32	1109.32	-1754.77	0.17	1906435.62	124248.11	N 36.232847	W 107.524059
	7940.00	90.57	286.45	5574.98	1125.93	1125.93	-1812.42	1.61	1906453.19	124190.67	N 36.232893	W 107.524255
	8002.00	91.01	286.22	5574.12	1143.37	1143.37	-1871.91	0.80	1906471.40	124131.41	N 36.232941	W 107.524457
	8063.00	91.71	287.85	5572.68	1161.23	1161.23	-1930.21	2.91	1906490.03	124073.34	N 36.232990	W 107.524654
	8124.00	91.01	289.01	5571.23	1180.51	1180.51	-1988.07	2.22	1906510.06	124015.74	N 36.233043	W 107.524850
	8186.00	91.45	289.12	5569.90	1200.76	1200.76	-2046.65	0.73	1906531.08	123957.42	N 36.233098	W 107.525049
	8249.00	91.71	290.07	5568.16	1221.88	1221.88	-2105.98	1.56	1906552.97	123898.37	N 36.233156	W 107.525250
	8312.00	91.28	290.16	5566.52	1243.54	1243.54	-2165.12	0.70	1906575.40	123839.52	N 36.233216	W 107.525451
	8375.00	91.10	290.28	5565.21	1265.31	1265.31	-2224.22	0.34	1906597.95	123780.70	N 36.233275	W 107.525651
	8438.00	90.92	290.27	5564.10	1287.14	1287.14	-2283.31	0.29	1906620.55	123721.90	N 36.233335	W 107.525851
	8502.00	90.92	289.68	5563.07	1309.00	1309.00	-2343.45	0.92	1906643.19	123662.05	N 36.233395	W 107.526055
	8565.00	90.75	289.39	5562.15	1330.06	1330.06	-2402.82	0.53	1906665.03	123602.96	N 36.233453	W 107.526257
	8628.00	91.10	289.58	5561.14	1351.07	1351.07	-2462.20	0.63	1906688.82	123543.85	N 36.233511	W 107.526458
	8692.00	91.19	288.84	5559.86	1372.12	1372.12	-2522.63	1.16	1906708.66	123483.70	N 36.233569	W 107.526663
	8755.00	90.75	289.02	5558.79	1392.56	1392.56	-2582.21	0.75	1906729.88	123424.39	N 36.233625	W 107.526865
	8818.00	90.31	288.11	5558.21	1412.62	1412.62	-2641.93	1.60	1906750.71	123364.93	N 36.233680	W 107.527067
	8881.00	91.54	286.18	5557.19	1432.23	1432.23	-2701.79	1.96	1906771.11	123305.33	N 36.233734	W 107.527270
	8944.00	91.54	287.71	5555.50	1451.64	1451.64	-2761.70	0.75	1906791.30	123245.68	N 36.233787	W 107.527473
	9007.00	91.63	287.29	5553.75	1470.57	1470.57	-2821.76	0.68	1906811.02	123185.86	N 36.233839	W 107.527677
	9070.00	91.19	286.89	5552.20	1489.08	1489.08	-2881.96	0.94	1906830.32	123125.91	N 36.233890	W 107.527881
	9134.00	90.48	286.22	5551.27	1507.32	1507.32	-2943.30	1.53	1906849.35	123064.81	N 36.233940	W 107.528089
	9197.00	90.84	285.67	5550.55	1524.62	1524.62	-3003.87	1.04	1906867.45	123004.46	N 36.233988	W 107.528295
	9260.00	91.01	285.57	5549.53	1541.58	1541.58	-3064.54	0.31	1906885.21	122944.02	N 36.234034	W 107.528500
	9323.00	90.84	285.89	5548.51	1558.66	1558.66	-3125.17	0.58	1906903.08	122883.62	N 36.234081	W 107.528706
	9386.00	90.31	285.40	5547.88	1575.65	1575.65	-3185.83	1.15	1906920.86	122823.18	N 36.234128	W 107.528912
	9449.00	90.31	284.67	5547.54	1591.99	1591.99	-3246.68	1.16	1906938.00	122762.55	N 36.234173	W 107.529118
	9512.00	90.31	284.63	5547.20	1607.92	1607.92	-3307.63	0.06	1906954.73	122701.81	N 36.234216	W 107.529324
	9576.00	90.04	284.09	5547.00	1623.80	1623.80	-3369.63	0.94	1906971.41	122640.02	N 36.234260	W 107.529535
	9639.00	90.40	283.76	5546.76	1638.96	1638.96	-3430.78	0.78	1906987.37	122579.07	N 36.234302	W 107.529742
	9701.00	90.92	283.88	5546.05	1653.77	1653.77	-3490.97	0.86	1907002.97	122519.07	N 36.234342	W 107.529946
	9764.00	90.57	283.96	5545.23	1668.93	1668.93	-3552.12	0.57	1907018.93	122458.12	N 36.234384	W 107.530153
	9827.00	90.13	284.08	5544.84	1684.19	1684.19	-3613.24	0.72	1907034.99	122397.20	N 36.234426	W 107.530361
	9890.00	90.75	283.18	5544.36	1699.04	1699.04	-3674.46	1.73	1907050.64	122336.18	N 36.234466	W 107.530568
	9954.00	91.28	283.31	5543.22	1713.70	1713.70	-3736.75	0.85	1907066.11	122274.08	N 36.234507	W 107.530779
	10017.00	91.28	284.02	5541.82	1728.58	1728.58	-3797.95	1.13	1907081.79	122213.08	N 36.234548	W 107.530987
	10080.00	91.19	284.41	5540.46	1744.05	1744.05	-3859.01	0.64	1907098.06	122152.22	N 36.234590	W 107.531194
	10142.00	91.45	285.02	5539.03	1759.79	1759.79	-3918.96	1.07	1907114.59	122092.48	N 36.234633	