

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
OIL CONS. DIV DIST. 3

WELL LOCATION AND ACREAGE DEDICATION PLAT

JUN 20 2014

¹ API Number 30-045-35503	² Pool Code 47540	³ Pool Name NAGEEZI GALLUP
⁴ Property Code 40455	⁵ Property Name CHACO 2308-14E	⁶ Well Number 151H
⁷ DGRID No. 120782	⁸ Operator Name WPX ENERGY PRODUCTION, LLC	⁹ Elevation 6889'

¹⁰ Surface Location

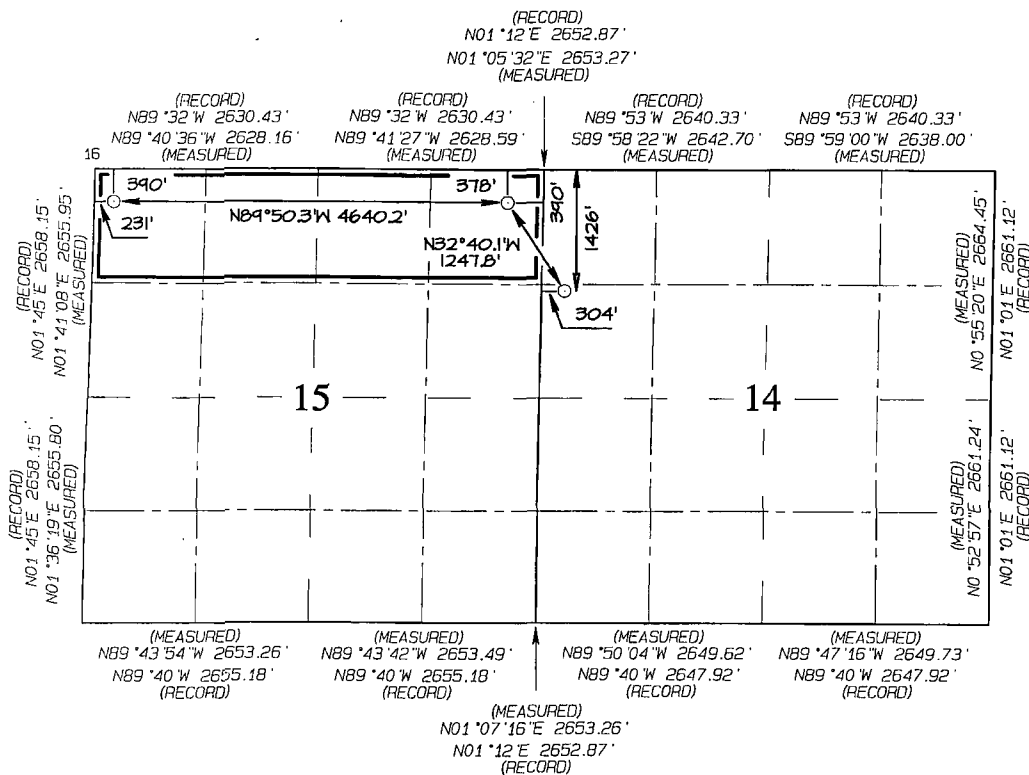
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	14	23N	8W		1426	NORTH	304	WEST	SAN JUAN

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	15	23N	8W		390	NORTH	231	WEST	SAN JUAN

¹² Dedicated Acres 160.0 Acres N/2 N/2 - Section 15	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



END-OF-LATERAL
390' FNL 231' FWL
SECTION 15, T23N, R8W
LAT: 36.23330°N
LONG: 107.67645°W
DATUM: NAD1927

POINT-OF-ENTRY
378' FNL 390' FEL
SECTION 15, T23N, R8W
LAT: 36.23324°N
LONG: 107.66072°W
DATUM: NAD1927

SURFACE LOCATION
1426' FNL 304' FWL
SECTION 14, T23N, R8W
LAT: 36.23035°N
LONG: 107.65844°W
DATUM: NAD1927

LAT: 36.23331°N
LONG: 107.67706°W
DATUM: NAD1983

LAT: 36.23325°N
LONG: 107.66133°W
DATUM: NAD1983

LAT: 36.23036°N
LONG: 107.65905°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: Heather Riley Date: 6/19/2014
Printed Name: Heather Riley
E-mail Address: heather.riley@wpenergy.com

¹⁸ SURVEYOR CERTIFICATION

I 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: JUNE 4, 2014
Date of Survey: SEPT 14, 2013

Signature and Seal of Professional Surveyor



JASON C. EDWARDS

Certificate Number 15269

W

WPXENERGY

WPX Energy

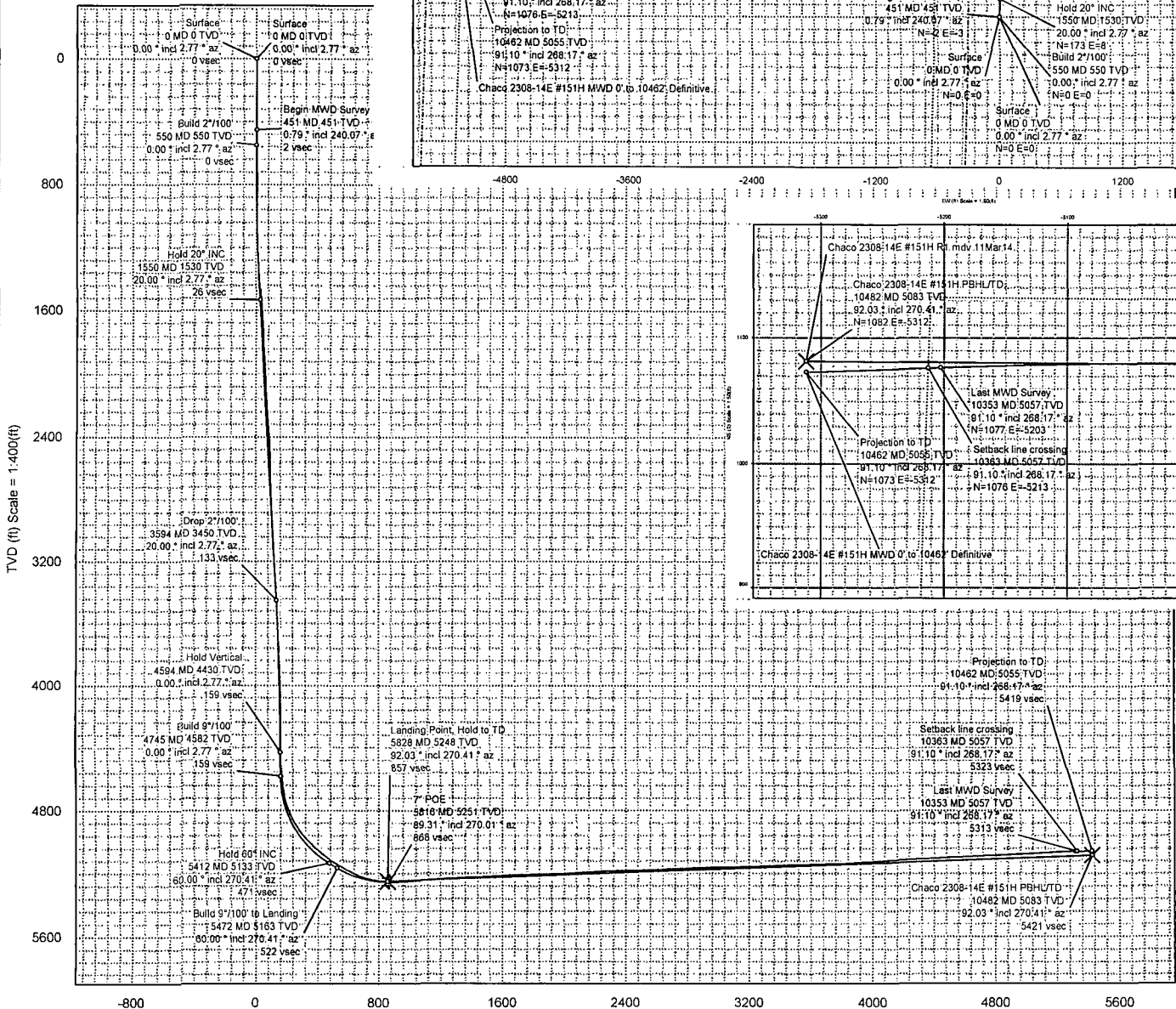
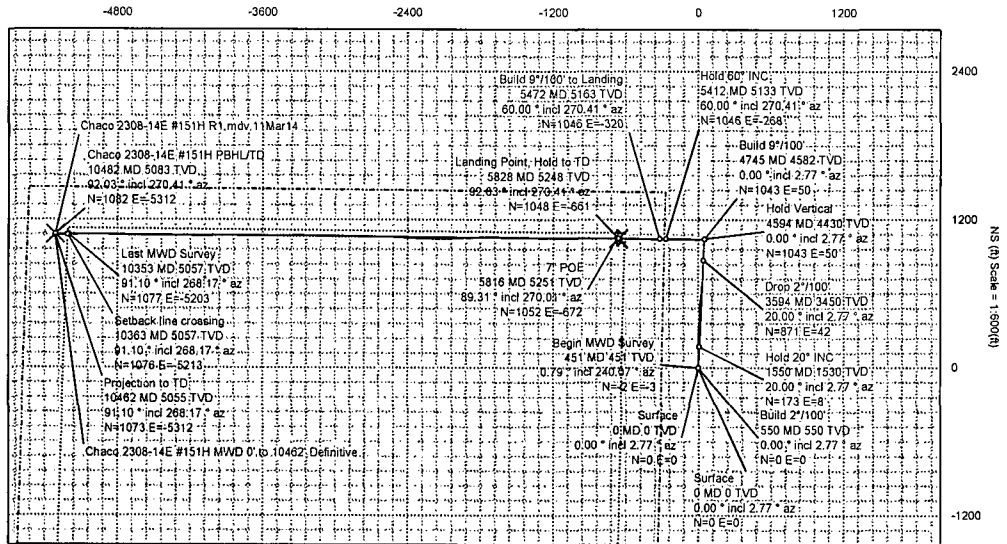
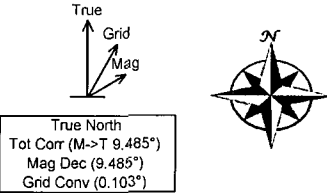
PATHFINDER
A Schlumberger Company

Borehole:	Well:	Field:	Structure:
Original Hole	Chaco 2308-14E #151H	NM San Juan County NAD27	Sec 14-23N-8W

Gravity & Magnetic Parameters	Surface Location	Miscellaneous
Model: BGGM 2013 Dip: 62.981° Date: 02-May-2014	NAD27 New Mexico State Plane, Western Zone, US Feet	Slot: Chaco 2308-14E #151H
MagDec: 9.485° FS: 50161.031nT Gravity FS: 998.501mgn (9.80665 Based)	Lat: N 36 13 49.26 Northing: 1903135.575R Grid Conv: 0.1034°	TVD Ref: RKB(5903ft above MSL)
	Lon: W 107 39 30.38 Easting: 581581.637RU Scale Fact: 0.99991971	Plan: Chaco 2308-14E #151H MWD 0' to 10462' Definitive

PvA

EV (ft) Scale = 1:600(ft)



Vertical Section (ft) Azim = 281.51° Scale = 1:400(ft) Origin = 0N/-S, 0E/-W



Chaco 2308-14E #151H MWD 0' to 10462' Definitive Survey Geodetic Report



(Def Survey)

Report Date: May 27, 2014 - 10:51 AM
Client: WPX Energy
Field: NM San Juan County NAD27
Structure / Slot: WPX Sec 14-23N-8W (Chaco 2308-14E #151H) / Chaco 2308-14E #151H
Well: Chaco 2308-14E #151H
Borehole: Original Hole
UWI / API#: Unknown / Unknown
Survey Name: Chaco 2308-14E #151H MWD 0' to 10462' Definitive
Survey Date: May 02, 2014
Tort / AHD / DDI / ERD Ratio: 221.647 ° / 6412.513 ft / 6.452 / 1.221
Coordinate Reference System: NAD27 New Mexico State Plane, Western Zone, US Feet
Location Lat / Long: N 36° 13' 49.26000", W 107° 39' 30.38400"
Location Grid N/E Y/X: N 1903135.575 ftUS, E 551581.637 ftUS
CRS Grid Convergence Angle: 0.1034 °
Grid Scale Factor: 0.99991971
Version / Patch: 2.7.1043.0

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 281.510 ° (True North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: RKB
TVD Reference Elevation: 6903.000 ft above MSL
Seabed / Ground Elevation: 6889.000 ft above MSL
Magnetic Declination: 9.485 °
Total Gravity Field Strength: 998.5011mgn (9.80665 Based)
Gravity Model: GARM
Total Magnetic Field Strength: 50101.031 nT
Magnetic Dip Angle: 62.981 °
Declination Date: May 02, 2014
Magnetic Declination Model: BGGM 2013
North Reference: True North
Grid Convergence Used: 0.0000 °
Total Corr Mag North->True North: 9.4850 °
Local Coord Referenced To: Well Head

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	2.77	0.00	0.00	0.00	0.00	N/A	1903135.58	551581.64	N 36 13 49.26	W 107 39 30.38
Begin MWD Survey	451.00	0.79	240.07	450.99	2.33	-1.55	-2.69	0.18	1903134.02	551578.95	N 36 13 49.24	W 107 39 30.42
	515.00	0.88	237.16	514.98	3.01	-2.04	-3.49	0.16	1903133.53	551578.15	N 36 13 49.24	W 107 39 30.43
	578.00	0.97	326.46	577.97	3.74	-1.86	-4.19	2.07	1903133.71	551577.45	N 36 13 49.24	W 107 39 30.44
	641.00	2.64	2.50	640.94	4.34	0.04	-4.42	3.08	1903135.61	551577.22	N 36 13 49.26	W 107 39 30.44
	702.00	4.31	5.40	701.83	4.81	3.72	-4.15	2.75	1903139.29	551577.49	N 36 13 49.30	W 107 39 30.43
	767.00	6.42	9.79	766.54	5.17	9.74	-3.30	3.30	1903145.31	551578.32	N 36 13 49.36	W 107 39 30.42
	830.00	7.56	10.06	829.07	5.38	17.29	-1.97	1.81	1903152.86	551579.63	N 36 13 49.43	W 107 39 30.41
	894.00	7.39	10.93	892.53	5.53	25.48	-0.46	0.32	1903161.05	551581.13	N 36 13 49.51	W 107 39 30.39
	957.00	8.27	7.95	954.94	5.86	33.94	0.94	1.54	1903169.52	551582.51	N 36 13 49.60	W 107 39 30.37
	1020.00	10.02	5.92	1017.14	6.67	43.88	2.13	2.82	1903179.46	551583.69	N 36 13 49.69	W 107 39 30.36
	1083.00	11.08	5.31	1079.07	7.86	55.36	3.25	1.69	1903190.94	551584.79	N 36 13 49.81	W 107 39 30.34
	1146.00	12.05	5.75	1140.79	9.17	67.93	4.47	1.55	1903203.51	551585.99	N 36 13 49.93	W 107 39 30.33
	1208.00	12.84	1.97	1201.33	10.96	81.26	5.36	1.83	1903216.83	551586.85	N 36 13 50.06	W 107 39 30.32
	1269.00	13.81	359.68	1260.69	13.58	95.31	5.55	1.81	1903230.89	551587.02	N 36 13 50.20	W 107 39 30.32
	1330.00	14.68	357.93	1319.81	16.89	110.32	5.23	1.59	1903245.89	551586.67	N 36 13 50.35	W 107 39 30.32
	1391.00	16.00	358.19	1378.64	20.64	126.44	4.69	2.17	1903262.02	551586.09	N 36 13 50.51	W 107 39 30.33
	1451.00	16.62	356.78	1436.23	24.73	143.28	3.94	1.23	1903278.85	551585.32	N 36 13 50.68	W 107 39 30.34
	1512.00	17.76	356.96	1494.50	29.28	161.28	2.96	1.87	1903296.84	551584.31	N 36 13 50.85	W 107 39 30.35
	1573.00	18.38	357.75	1552.49	33.91	180.18	2.09	1.09	1903315.74	551583.40	N 36 13 51.04	W 107 39 30.36
	1634.00	19.87	1.35	1610.12	38.02	200.15	1.95	3.11	1903335.71	551583.23	N 36 13 51.24	W 107 39 30.36
	1695.00	20.66	2.50	1667.35	41.54	221.27	2.67	1.45	1903356.83	551583.91	N 36 13 51.45	W 107 39 30.35
	1756.00	20.93	3.11	1724.37	44.81	242.90	3.73	0.57	1903378.46	551584.93	N 36 13 51.66	W 107 39 30.34
	1817.00	20.22	2.23	1781.48	48.11	264.31	4.73	1.27	1903399.87	551585.89	N 36 13 51.87	W 107 39 30.33
	1877.00	19.43	0.65	1837.93	51.66	284.65	5.25	1.59	1903420.21	551586.37	N 36 13 52.07	W 107 39 30.32
	1938.00	19.35	0.30	1895.47	55.53	304.90	5.42	0.23	1903440.46	551586.50	N 36 13 52.28	W 107 39 30.32
	1999.00	19.87	3.99	1952.93	58.86	325.35	6.19	2.20	1903460.91	551587.24	N 36 13 52.48	W 107 39 30.31
	2059.00	19.70	4.08	2009.39	61.50	345.61	7.62	0.29	1903481.17	551588.63	N 36 13 52.68	W 107 39 30.29
	2120.00	19.61	3.99	2066.84	64.17	366.08	9.06	0.16	1903501.64	551590.04	N 36 13 52.88	W 107 39 30.27
	2181.00	19.43	3.38	2124.33	66.94	386.42	10.37	0.45	1903521.98	551591.31	N 36 13 53.08	W 107 39 30.26
	2242.00	18.99	3.02	2181.93	69.84	406.46	11.49	0.75	1903542.02	551592.40	N 36 13 53.28	W 107 39 30.24
	2302.00	19.35	1.53	2238.61	73.01	426.14	12.27	1.01	1903561.70	551593.14	N 36 13 53.47	W 107 39 30.23
	2363.00	21.02	359.77	2295.86	76.98	447.19	12.50	2.91	1903582.75	551593.33	N 36 13 53.68	W 107 39 30.23
	2425.00	21.19	359.86	2383.55	83.84	481.03	12.39	0.18	1903616.59	551593.16	N 36 13 53.82	W 107 39 30.23
	2520.00	21.37	4.43	2442.26	87.58	503.88	13.25	2.65	1903639.42	551593.98	N 36 13 54.02	W 107 39 30.22
	2583.00	21.72	7.86	2500.86	89.72	526.88	15.73	2.07	1903662.42	551596.42	N 36 13 54.47	W 107 39 30.19
	2646.00	22.16	8.21	2559.30	91.14	550.16	19.02	0.73	1903685.73	551599.66	N 36 13 54.70	W 107 39 30.15
	2709.00	21.54	7.42	2617.77	92.65	573.39	22.21	1.09	1903708.96	551602.81	N 36 13 54.93	W 107 39 30.11
	2772.00	20.66	5.75	2676.55	94.59	595.92	24.82	1.69	1903731.49	551605.38	N 36 13 55.15	W 107 39 30.08
	2835.00	20.66	5.49	2735.50	96.87	618.04	26.99	0.15	1903753.61	551607.51	N 36 13 55.37	W 107 39 30.05
	2899.00	20.40	5.75	2795.43	99.18	640.38	29.19	0.43	1903775.95	551609.67	N 36 13 55.59	W 107 39 30.03
	2962.00	19.70	5.31	2854.61	101.42	661.88	31.28	1.14	1903797.45	551611.72	N 36 13 55.81	W 107 39 30.00
	3025.00	18.82	4.43	2914.09	103.82	682.58	33.04	1.47	1903818.16	551613.45	N 36 13 56.01	W 107 39 29.98
	3088.00	18.38	4.08	2973.80	106.36	702.62	34.53	0.72	1903838.20	551614.90	N 36 13 56.21	W 107 39 29.96
	3151.00	19.26	3.46	3033.43	109.10	722.90	35.87	1.43	1903858.48	551616.20	N 36 13 56.41	W 107 39 29.95
	3214.00	20.84	3.29	3092.61	112.16	744.46	37.14	2.51	1903880.04	551617.43	N 36 13 56.62	W 107 39 29.93
	3278.00	19.96	2.14	3152.59	115.56	766.74	38.20	1.51	1903902.32	551618.45	N 36 13 56.84	W 107 39 29.92
	3341.00	19.70	1.09	3211.86	119.23	788.10	38.80	0.70	1903923.68	551619.02	N 36 13 57.05	W 107 39 29.91
	3404.00	20.40	1.62	3271.04	123.04	809.70	39.32	1.15	1903945.27	551619.49	N 36 13 57.27	W 107 39 29.90
	3467.00	20.05	2.67	3330.16	126.59	831.46	40.13	0.80	1903967.04	551620.26	N 36 13 57.48	W 107 39 29.89
	3530.00	19.17	1.79	3389.50	129.99	852.59	40.96	1.47	1903988.16	551621.05	N 36 13 57.69	W 107 39 29.88
	3593.00	19.17	2.50	3449.01	133.36	873.26	41.73	0.37	1904008.84	551621.79	N 36 13 57.90	W 107 39 29.87
	3657.00	18.29	3.11	3509.62	136.47	893.78	42.73	1.41	1904029.36	551622.75	N 36 13 58.10	W 107 39 29.86
	3720.00	16.62	2.76	3569.71	139.29	912.66	43.70	2.66	1904048.23	551623.69	N 36 13 58.29	W 107 39 29.85
	3783.00	14.16	1.97	3630.45	141.94	929.36	44.40	3.92	1904064.94	551624.36	N 36 13 58.45	W 107 39 29.84
	3847.00	13.89	1.09	3692.54	144.62	944.86	44.82	0.54	1904080.44	551624.75	N 36 13 58.60	W 107 39 29.84
	3910.00	12.49	0.65	3753.88	147.27	959.24	45.04	2.23	1904094.81	551624.94	N 36 13 58.75	W 107 39 29.83
	3973.00	10.99	2.50	3815.56	149.50	972.05	45.38	2.45	1904107.62	551625.26	N 36 13 58.87	W 107 39 29.83
	4036.00	10.73	359.95	3877.43	151.61	983.91	45.63	0.87	1904119.49	551625.49	N 36 13 58.99	W 107 39 29.83
	4099.00	9.76	357.66	3939.43	154.07	995.11	45.41	1.67	1904130.69	551625.25	N 36 13 59.10	W 107 39 29.83
	4162.00	8.88	358.45	4001.60	156.44	1005.31	45.06	1.41	1904140.88	551624.88	N 36 13 59.20	W 107 39 29.83
	4225.00	7.91	1.79	4063.92	158.27	1014.50	45.07	1.72	1904150.08	551624.87	N 36 13 59.29	W 107 39 29.83
	4289.00	6.42	7.77	4127.42	159.25	1022.45	45.69	2.60	1904158.02	551625.48	N 36 13 59.37	W 107 39 29.83
	4352.00	5.36	8.47	4190.09	159.64	1028.85	46.60	1.69	1904164.42	551626.37	N 36 13 59.43	W 107 39 29.82
	4415.00	4.13	11.73	4252.87	159.78	1033.98	47.49	2.00	1904169.56	551627.26	N 36 13 59.48	W 107 39 29.80
	4479.00	2.81	11.46	4316.75	159.78	1037.78	48.27	2.06	1904173.35	551628.03	N 36 13 59.52	W 107 39 29.79
	4542.00	1.23	355.20	4379.71	159.97	1039.97	48.52	2.64	1904175.54	551628.28	N 36 13 59.54	W 107 39 29.79
	4605.00	0.79	326.02	4442.70	160.47	1041.00	48.22	1.05	1904176.57	551627.98	N 36 13 59.55	W 107 39 29.80
	4668.00	0.62	304.66	4505.69	161.09	1041.55	47.70	0.49	1904177.13	551627.45	N 36 13 59.56	W 107 39 29.80
	4731.00	3.96	281.81	4568.64	163.58	1042.19	45.29	5.39	1904177.76	551625.04	N 36 13 59.57	W 107 39 29.83
	4794.00	6.68	278.82	4631.36	169.42	1043.20	39.54	4.34	1904178.76	551619.29	N 36 13 59.58	W 107

Comments	MD (ft)	Incl (°)	Azim True (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ft)	Easting (ft)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
7" POE	5173.00	43.00	270.86	4972.51	316.99	1047.89	-110.11	12.52	1904183.17	551469.85	N 36 13 59.62	W 107 39 31.73
	5236.00	47.40	269.50	5016.89	360.81	1048.01	-154.80	7.15	1904183.21	551424.96	N 36 13 59.62	W 107 39 32.27
	5300.00	50.91	268.95	5058.74	408.10	1047.34	-203.20	5.52	1904182.47	551376.56	N 36 13 59.62	W 107 39 32.86
	5363.00	53.38	268.75	5097.40	456.63	1046.34	-252.93	3.93	1904181.38	551326.84	N 36 13 59.61	W 107 39 33.47
	5426.00	59.97	269.53	5131.99	508.03	1045.57	-305.54	10.51	1904180.51	551274.24	N 36 13 59.60	W 107 39 34.11
	5489.00	62.17	270.25	5162.46	562.03	1045.47	-360.67	3.63	1904180.30	551219.11	N 36 13 59.60	W 107 39 34.79
	5553.00	64.72	271.88	5191.07	618.32	1046.54	-417.90	4.59	1904181.27	551161.88	N 36 13 59.61	W 107 39 35.48
	5616.00	69.20	271.04	5215.72	675.39	1048.01	-475.84	7.22	1904182.64	551103.94	N 36 13 59.62	W 107 39 36.19
	5679.00	75.89	271.45	5234.61	734.50	1049.32	-535.89	10.64	1904183.84	551043.90	N 36 13 59.64	W 107 39 36.92
	5762.00	85.12	271.23	5248.29	814.99	1051.23	-617.65	11.12	1904185.60	550962.15	N 36 13 59.66	W 107 39 37.92
	5816.00	89.31	270.01	5250.91	867.94	1051.81	-671.57	8.09	1904186.09	550908.23	N 36 13 59.66	W 107 39 38.58
	5865.00	93.12	268.90	5249.87	915.84	1051.34	-720.54	8.09	1904185.53	550859.26	N 36 13 59.68	W 107 39 39.18
	5926.00	92.42	269.07	5246.92	975.31	1050.26	-781.46	1.18	1904184.34	550798.35	N 36 13 59.65	W 107 39 39.92
	5990.00	92.88	269.73	5244.07	1037.83	1049.59	-845.39	1.11	1904183.56	550734.42	N 36 13 59.64	W 107 39 40.70
	6053.00	93.39	270.26	5240.74	1099.47	1049.59	-908.30	1.41	1904183.44	550671.52	N 36 13 59.64	W 107 39 41.47
	6116.00	93.83	270.54	5236.77	1161.17	1050.03	-971.18	0.83	1904183.76	550608.65	N 36 13 59.64	W 107 39 42.24
	6180.00	94.00	270.20	5232.40	1223.82	1050.44	-1035.03	0.59	1904184.06	550544.80	N 36 13 59.65	W 107 39 43.02
	6245.00	93.21	270.08	5228.31	1287.41	1050.60	-1099.90	1.23	1904184.10	550479.94	N 36 13 59.65	W 107 39 43.81
	6306.00	93.12	270.11	5224.95	1347.12	1050.70	-1160.80	0.16	1904184.09	550419.03	N 36 13 59.65	W 107 39 44.55
	6369.00	92.59	270.66	5221.81	1408.86	1051.12	-1223.72	1.21	1904184.40	550356.12	N 36 13 59.65	W 107 39 45.32
	6433.00	92.59	271.15	5218.92	1471.70	1052.13	-1287.65	0.76	1904185.30	550292.20	N 36 13 59.66	W 107 39 46.10
	6496.00	93.65	272.20	5215.49	1533.68	1053.97	-1350.53	2.37	1904187.02	550229.32	N 36 13 59.68	W 107 39 46.87
	6559.00	93.12	272.01	5211.77	1595.72	1056.28	-1413.38	0.89	1904189.22	550166.47	N 36 13 59.71	W 107 39 47.64
	6622.00	92.15	271.99	5208.87	1657.79	1058.48	-1476.27	1.54	1904191.30	550103.58	N 36 13 59.73	W 107 39 48.40
	6685.00	91.28	270.46	5206.99	1719.75	1059.82	-1539.23	2.79	1904192.53	550040.83	N 36 13 59.74	W 107 39 49.17
	6749.00	91.45	270.89	5205.46	1782.57	1060.46	-1603.20	0.45	1904193.06	549976.85	N 36 13 59.75	W 107 39 49.95
	6812.00	91.63	270.76	5203.77	1844.43	1061.26	-1666.18	0.31	1904193.74	549913.69	N 36 13 59.75	W 107 39 50.72
	6875.00	91.10	269.54	5202.27	1906.18	1061.43	-1729.16	2.11	1904193.79	549850.71	N 36 13 59.76	W 107 39 51.49
	6938.00	91.01	268.96	5201.11	1967.48	1059.50	-1792.11	4.10	1904191.76	549787.76	N 36 13 59.74	W 107 39 52.26
	7001.00	93.03	267.67	5198.89	2028.52	1056.55	-1855.00	3.40	1904188.69	549724.89	N 36 13 59.71	W 107 39 53.03
	7065.00	93.91	268.22	5195.01	2090.82	1054.26	-1918.84	1.62	1904186.29	549661.06	N 36 13 59.68	W 107 39 53.80
	7128.00	93.30	268.53	5191.05	2151.85	1052.48	-1981.69	1.09	1904184.39	549598.22	N 36 13 59.67	W 107 39 54.57
	7191.00	93.03	268.86	5187.57	2213.19	1051.05	-2044.58	0.68	1904182.85	549535.34	N 36 13 59.65	W 107 39 55.34
	7255.00	91.36	268.60	5185.12	2275.67	1050.19	-2108.52	2.85	1904181.87	549471.40	N 36 13 59.64	W 107 39 56.12
	7318.00	91.71	270.26	5183.43	2337.37	1050.11	-2171.50	1.19	1904181.68	549408.43	N 36 13 59.64	W 107 39 56.89
	7381.00	92.07	271.47	5181.36	2399.25	1051.06	-2234.46	2.00	1904182.52	549345.47	N 36 13 59.65	W 107 39 57.66
	7444.00	91.45	271.17	5179.42	2461.23	1052.51	-2297.41	1.09	1904183.85	549282.52	N 36 13 59.67	W 107 39 58.43
	7507.00	92.24	272.84	5177.39	2523.33	1054.71	-2360.34	2.93	1904185.94	549219.60	N 36 13 59.69	W 107 39 59.19
	7571.00	92.24	272.24	5174.89	2586.49	1057.55	-2424.22	0.94	1904188.66	549155.71	N 36 13 59.72	W 107 39 59.97
	7634.00	92.68	272.23	5172.19	2648.61	1060.00	-2487.12	0.70	1904191.00	549092.82	N 36 13 59.74	W 107 40 0.74
	7698.00	92.42	271.49	5169.34	2711.64	1062.08	-2551.02	1.22	1904192.96	549028.92	N 36 13 59.76	W 107 40 1.52
	7762.00	92.24	270.60	5166.74	2774.53	1063.24	-2614.96	1.42	1904194.01	548964.98	N 36 13 59.77	W 107 40 2.30
	7825.00	92.24	271.30	5164.28	2836.41	1064.29	-2677.90	1.11	1904194.94	548902.04	N 36 13 59.78	W 107 40 3.07
	7888.00	91.89	270.96	5162.01	2898.34	1065.53	-2740.84	0.77	1904196.07	548839.10	N 36 13 59.80	W 107 40 3.84
	7951.00	91.63	271.02	5160.07	2960.25	1066.62	-2803.81	0.42	1904197.05	548776.14	N 36 13 59.81	W 107 40 4.61
	8014.00	91.10	271.30	5158.57	3022.21	1067.89	-2866.77	0.95	1904198.21	548713.18	N 36 13 59.82	W 107 40 5.37
	8077.00	90.92	271.32	5157.46	3084.20	1069.33	-2929.75	0.29	1904199.53	548650.21	N 36 13 59.83	W 107 40 6.14
	8140.00	91.36	271.25	5156.21	3146.19	1070.75	-2992.72	0.71	1904200.83	548587.24	N 36 13 59.85	W 107 40 6.91
	8203.00	91.28	270.84	5154.75	3208.13	1071.89	-3055.69	0.66	1904201.87	548524.27	N 36 13 59.86	W 107 40 7.68
	8267.00	92.68	270.99	5152.54	3271.00	1072.92	-3119.64	2.20	1904202.77	548460.32	N 36 13 59.87	W 107 40 8.46
8330.00	92.86	272.33	5149.50	3332.99	1074.74	-3182.54	2.14	1904204.48	548397.42	N 36 13 59.89	W 107 40 9.23	
8393.00	92.24	270.50	5146.70	3394.95	1076.29	-3245.46	3.06	1904205.92	548334.51	N 36 13 59.90	W 107 40 10.00	
8456.00	91.71	269.87	5144.52	3456.69	1076.50	-3308.42	1.31	1904206.01	548271.55	N 36 13 59.90	W 107 40 10.77	
8520.00	91.10	269.65	5142.95	3519.33	1076.23	-3372.40	1.01	1904205.83	548207.58	N 36 13 59.90	W 107 40 11.55	
8583.00	91.36	269.57	5141.60	3580.96	1075.80	-3435.38	0.43	1904205.09	548144.60	N 36 13 59.90	W 107 40 12.32	
8647.00	92.24	270.22	5139.59	3643.62	1075.68	-3498.35	1.71	1904204.85	548080.64	N 36 13 59.90	W 107 40 13.10	
8710.00	91.98	270.29	5137.27	3705.37	1075.96	-3562.31	0.43	1904205.02	548017.69	N 36 13 59.90	W 107 40 13.88	
8773.00	91.71	269.93	5135.24	3767.09	1076.08	-3625.27	0.71	1904205.03	547954.73	N 36 13 59.90	W 107 40 14.63	
8837.00	93.74	269.64	5132.20	3829.68	1075.84	-3689.20	3.20	1904204.67	547890.81	N 36 13 59.90	W 107 40 15.41	
8900.00	93.39	269.44	5128.28	3891.19	1075.34	-3752.07	0.64	1904204.05	547827.94	N 36 13 59.89	W 107 40 16.18	
8964.00	92.86	268.70	5124.80	3953.60	1074.30	-3815.97	1.42	1904202.90	547764.05	N 36 13 59.88	W 107 40 16.96	
9027.00	93.03	268.89	5121.56	4014.97	1072.98	-3878.87	0.40	1904201.47	547701.15	N 36 13 59.87	W 107 40 17.73	
9090.00	93.47	269.32	5117.99	4076.40	1071.99	-3941.76	0.98	1904200.37	547638.27	N 36 13 59.86	W 107 40 18.50	
9153.00	93.03	269.55	5114.42	4137.91	1071.37	-4004.66	0.79	1904199.64	547575.38	N 36 13 59.85	W 107 40 19.26	
9216.00	92.95	269.08	5111.13	4199.40	1070.82	-4067.57	0.76	1904198.77	547512.48	N 36 13 59.84	W 107 40 20.03	
9279.00	92.68	270.94	5108.03	4261.06	1070.63	-4130.49	2.98	1904198.67	547449.56	N 36 13 59.84	W 107 40 20.80	
9342.00												