

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 30-045-35491		*Pool Code 47540	*Pool Name NAGEEZI GALLUP
*Property Code 39590	*Property Name CHACO 2408-32P		*Well Number 115H
*GRID No. 120782	*Operator Name WPX ENERGY PRODUCTION, LLC		*Elevation 7035'

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
P	32	24N	8W		537	SOUTH	329	EAST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

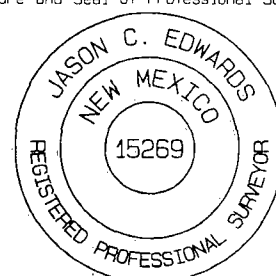
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	32	24N	8W		363	SOUTH	230	WEST	SAN JUAN

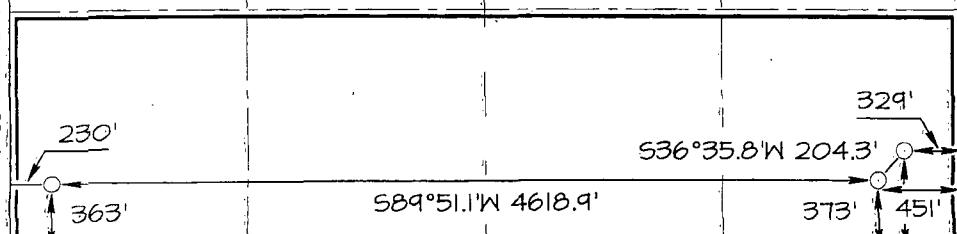
¹² Dedicated Acres 160.0 Acres - (S/2 S/2)	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. RCVD NOV 8 '13 OIL CONS. DIV.
--	-------------------------------	----------------------------------	---

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

¹⁶ N89°59'W 2640.99' (RECORD) N89°59'W 2640.99' (RECORD)
S89°59'28"W 2640.71' (MEASURED) S89°57'36"W 2639.88' (MEASURED)

CONFIDENTIAL			32		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: <i>Larry Higgins</i> Date: 11/6/13 Printed Name: Larry Higgins E-mail Address: larry.higgins@wpenergy.com	
END-OF-LATERAL LAT: 36.26459°N LONG: 107.71281°W DATUM: NAD1927 LAT: 36.26460°N LONG: 107.71342°W DATUM: NAD1983			POINT-OF-ENTRY LAT: 36.26461°N LONG: 107.69714°W DATUM: NAD1927 LAT: 36.26462°N LONG: 107.69775°W DATUM: NAD1983		SURFACE LOCATION LAT: 36.26506°N LONG: 107.69672°W DATUM: NAD1927 LAT: 36.26507°N LONG: 107.69734°W DATUM: NAD1983	
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: OCTOBER 29, 2013 Date of Survey: JUNE 25, 2013 Signature and Seal of Professional Surveyor:  JASON C. EDWARDS Certificate Number 15269						



S89°58'24"W 2650.23' (MEASURED) S89°59'00"W 2650.73' (MEASURED) 537'
N89°57'W 2651.55' (RECORD) N89°57'W 2651.55' (RECORD)

WELL	Chaco 2408-32P #115H	FIELD	NM San Juan County NAD27	STRUCTURE	WPX Sec 32-24N-8W
------	----------------------	-------	--------------------------	-----------	-------------------

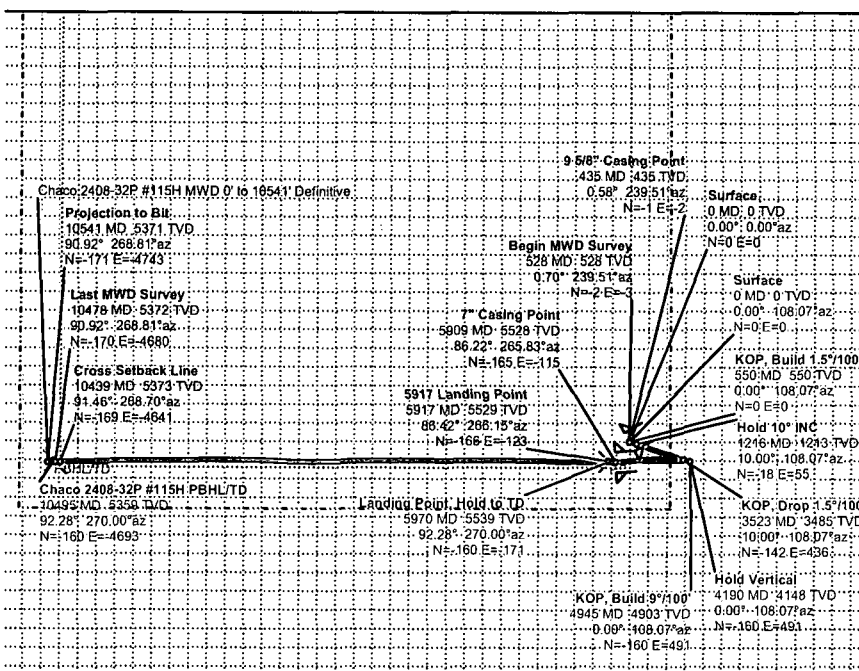
Magnetic Parameters Model: BGGM 2013 Dip: 63.027° Mag Dec: 9.591°	Date: July 16, 2013 FS: 50208.7n1	Surface Location Lat: N 36 15 54.216 Lon: W 107 41 48.192	NAD27 New Mexico State Plane, Western Zone, US Feet Northing: 1915752.36 NUS Easting: 540273.82 EUS Grid Conv: 0.081° Scale Fact: 0.99991852	Miscellaneous Sk: Chaco 2408-32P #115H Plan: Chaco 2408-32P #115H R4 TVD Ref: RKB(7049' above MSL) Srv Date: July 16, 2013
--	--------------------------------------	---	--	--

PVA



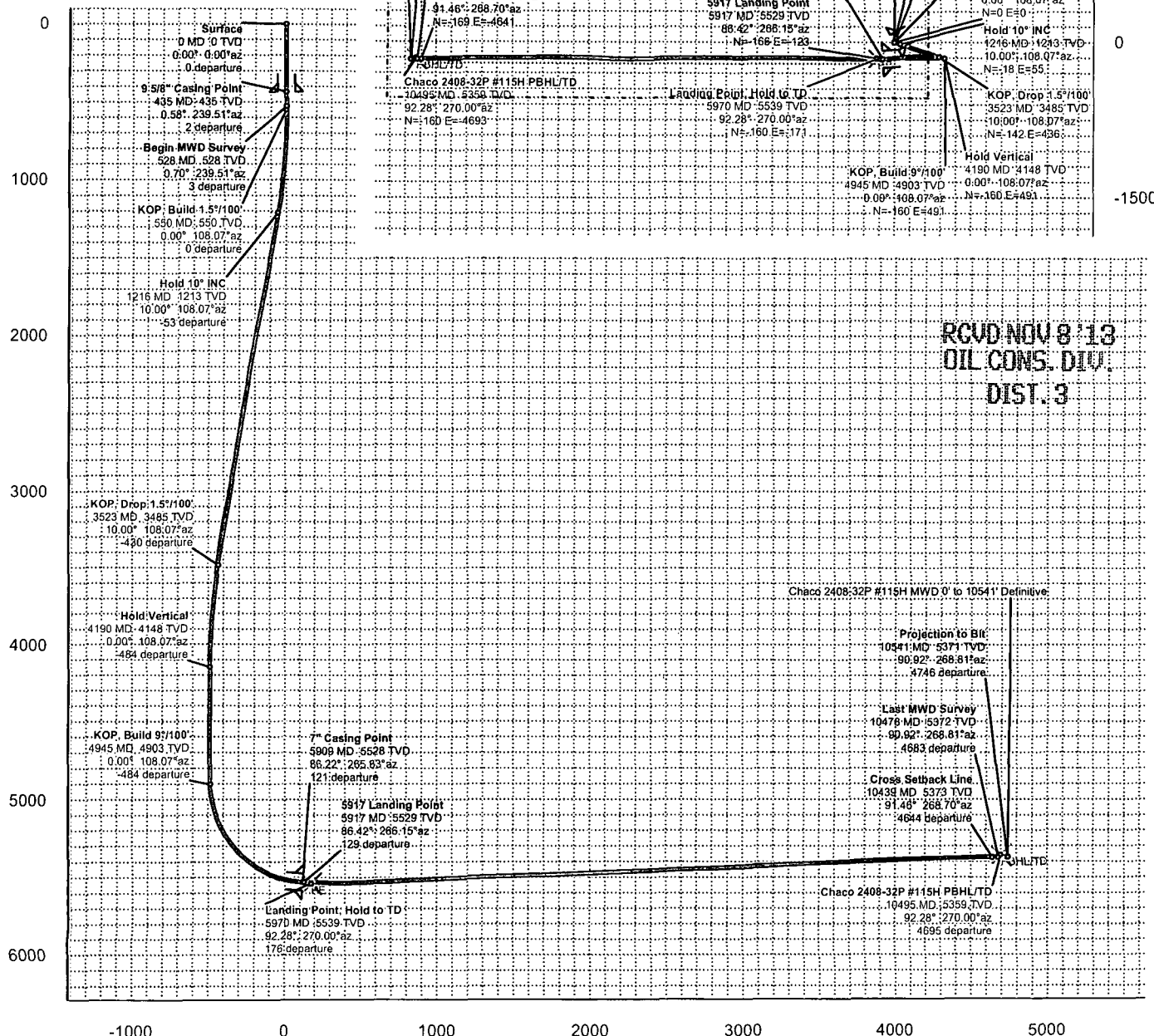
True North
Tot Corr (M→T) 9.5908°
Mag Dec (9.591°)
Grid Conv (0.081°)

Scale = 1:1500(ft) W E



TVD Scale = 1:1000(ft)

RCVD NOV 8 '13
OIL CONS. DIV.
DIST. 3



Vertical Section (ft) Azim = 268.04° Scale = 1:1000(ft) Origin = 0 N/-S, 0 E/-W

CONFIDENTIAL



Chaco 2408-32P #115H MWD 0' to 10541' Definitive Survey Geodetic Report (Def Survey)



Report Date: October 28, 2013 - 10:28 AM
Client: WPX Energy
Field: NM San Juan County NAD27
Structure / Slot: WPX Sec 32-24N-8W (Chaco 2408-32P #115H) / Chaco 2408-32P #115H
Well: Chaco 2408-32P #115H
Borehole: Original Hole
UWI / API#: Unknown / Unknown
Survey Name: Chaco 2408-32P #115H MWD 0' to 10541' Definitive
Survey Date: October 14, 2013
Tort / AHD / DDI / ERD Ratio: 188.369' / 5773.820 ft / 6.316' / 1.043
Coordinate Reference System: NAD27 New Mexico State Plane, Western Zone, US Feet
Location Lat / Long: N 36° 15' 54.21600", W 107° 41' 48.19200"
Location Grid N/E Y/X: N 1915752.362 IUS, E 540273.821 IUS
CRS Grid Convergence Angle: 0.0808 °
Grid Scale Factor: 0.99991852

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 268.040 ° (True North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: RKB
TVD Reference Elevation: 7049.000 ft above MSL
Seabed / Ground Elevation: 7035.000 ft above MSL
Magnetic Declination: 9.564 °
Total Gravity Field Strength: 998.4847mgn (9.80665 Based)
Total Magnetic Field Strength: 50179.502 nT
Magnetic Dip Angle: 63.020 °
Declination Date: October 14, 2013
Magnetic Declination Model: BGM 2013
North Reference: True North
Grid Convergence Used: 0.0000 °
Total Corr Mag North->True North: 9.5641 °
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	0.00	0.00	0.00	0.00	0.00	N/A	1915752.36	540273.82	N 36 15 54.22	W 107 41 48.19
9 5/8" Casing Point	435.00	0.58	239.51	434.99	1.92	-1.11	-1.89	0.13	1915751.25	540271.94	N 36 15 54.21	W 107 41 48.22
Begin MWD Survey	528.00	0.70	239.51	527.99	2.83	-1.64	-2.78	0.13	1915750.72	540271.04	N 36 15 54.20	W 107 41 48.23
	588.00	0.70	174.73	587.98	3.13	-2.19	-3.06	1.25	1915750.17	540270.76	N 36 15 54.19	W 107 41 48.23
	650.00	1.32	130.61	649.97	2.59	-3.03	-2.48	1.53	1915749.33	540271.34	N 36 15 54.19	W 107 41 48.22
	711.00	2.20	111.01	710.95	0.99	-3.91	-0.86	1.73	1915748.45	540272.97	N 36 15 54.18	W 107 41 48.20
	772.00	3.25	105.91	771.88	-1.73	-4.80	1.90	1.76	1915747.56	540275.72	N 36 15 54.17	W 107 41 48.17
	833.00	4.31	105.30	832.74	-5.57	-5.88	5.77	1.74	1915746.49	540279.60	N 36 15 54.16	W 107 41 48.12
	895.00	4.84	104.07	894.54	-10.31	-7.13	10.56	0.87	1915745.25	540284.39	N 36 15 54.15	W 107 41 48.06
	956.00	5.72	105.56	955.28	-15.68	-8.57	15.98	1.46	1915743.81	540289.81	N 36 15 54.13	W 107 41 48.00
	1017.00	6.77	105.56	1015.92	-22.01	-10.35	22.37	1.72	1915742.04	540296.21	N 36 15 54.11	W 107 41 47.92
	1079.00	8.18	103.54	1077.39	-29.74	-12.36	30.18	2.31	1915740.04	540304.02	N 36 15 54.09	W 107 41 47.82
	1140.00	9.41	104.51	1137.68	-38.71	-14.63	39.23	2.03	1915737.79	540313.07	N 36 15 54.07	W 107 41 47.71
	1201.00	10.02	104.51	1197.80	-48.58	-17.21	49.19	1.00	1915735.22	540323.04	N 36 15 54.05	W 107 41 47.59
	1262.00	10.20	104.16	1257.85	-58.85	-19.86	59.57	0.31	1915732.59	540333.41	N 36 15 54.02	W 107 41 47.46
	1324.00	10.11	108.20	1318.88	-69.24	-22.90	70.06	1.16	1915729.56	540343.91	N 36 15 53.99	W 107 41 47.34
	1385.00	10.20	108.37	1378.93	-79.33	-26.28	80.27	0.16	1915726.20	540354.12	N 36 15 53.96	W 107 41 47.21
	1446.00	9.85	107.14	1439.00	-89.32	-29.52	90.39	0.67	1915722.98	540364.24	N 36 15 53.92	W 107 41 47.09
	1507.00	9.94	108.29	1499.09	-99.19	-32.71	100.37	0.36	1915719.80	540374.23	N 36 15 53.89	W 107 41 46.97
	1568.00	9.67	108.11	1559.20	-108.94	-35.95	110.24	0.45	1915716.57	540384.10	N 36 15 53.86	W 107 41 46.85
	1630.00	9.41	107.58	1620.34	-118.61	-39.10	120.02	0.44	1915713.43	540393.88	N 36 15 53.83	W 107 41 46.73
	1691.00	11.26	109.87	1680.35	-128.84	-42.63	130.37	3.11	1915709.92	540404.24	N 36 15 53.79	W 107 41 46.60
	1754.00	12.40	113.56	1742.01	-140.65	-47.43	142.36	2.17	1915705.14	540416.24	N 36 15 53.75	W 107 41 46.45
	1818.00	12.05	111.45	1804.56	-152.99	-52.62	154.88	0.89	1915699.97	540428.76	N 36 15 53.70	W 107 41 46.30
	1881.00	11.61	107.67	1866.22	-164.99	-56.94	167.04	1.41	1915695.66	540440.92	N 36 15 53.65	W 107 41 46.15
	1945.00	11.43	106.97	1928.93	-177.06	-60.75	179.24	0.36	1915691.87	540453.13	N 36 15 53.62	W 107 41 46.00
	2008.00	11.08	106.79	1990.72	-188.69	-64.32	191.01	0.56	1915688.32	540464.90	N 36 15 53.58	W 107 41 45.86
	2072.00	10.73	106.27	2053.56	-200.18	-67.77	202.61	0.57	1915684.89	540476.51	N 36 15 53.55	W 107 41 45.72
	2135.00	10.38	105.30	2115.50	-211.17	-70.91	213.72	0.62	1915681.76	540487.62	N 36 15 53.51	W 107 41 45.58
	2199.00	10.02	108.55	2178.49	-221.89	-74.20	224.56	1.06	1915678.49	540498.46	N 36 15 53.48	W 107 41 45.45
	2262.00	10.02	110.05	2270.07	-236.97	-79.55	239.83	0.28	1915673.16	540513.74	N 36 15 53.43	W 107 41 45.26
	2326.00	10.29	106.79	2333.07	-247.54	-83.11	250.53	0.99	1915669.62	540524.45	N 36 15 53.39	W 107 41 45.13
	2419.00	10.46	104.51	2395.04	-258.35	-86.17	261.45	0.71	1915666.57	540535.37	N 36 15 53.36	W 107 41 45.00
	2483.00	10.29	108.02	2457.99	-269.30	-89.39	272.51	1.02	1915663.36	540546.44	N 36 15 53.33	W 107 41 44.86
	2546.00	10.02	108.37	2520.00	-279.72	-92.86	283.07	0.44	1915659.91	540556.99	N 36 15 53.30	W 107 41 44.74
	2610.00	9.67	107.85	2583.06	-290.00	-96.26	293.47	0.56	1915656.52	540567.40	N 36 15 53.26	W 107 41 44.61
	2674.00	9.41	107.76	2646.18	-299.98	-99.50	303.57	0.41	1915653.30	540577.50	N 36 15 53.23	W 107 41 44.49
	2737.00	9.58	107.06	2708.31	-309.79	-102.61	313.48	0.33	1915650.20	540587.42	N 36 15 53.20	W 107 41 44.36
	2801.00	10.11	107.14	2771.37	-320.13	-105.83	323.94	0.83	1915647.00	540597.88	N 36 15 53.17	W 107 41 44.24
	2865.00	10.73	107.67	2834.31	-331.05	-109.29	334.99	0.98	1915643.55	540608.93	N 36 15 53.14	W 107 41 44.10
	2928.00	11.08	107.06	2896.18	-342.30	-112.85	346.36	0.58	1915640.01	540620.31	N 36 15 53.10	W 107 41 43.96
	2992.00	11.08	106.62	2958.98	-353.94	-116.41	358.13	0.13	1915636.46	540632.09	N 36 15 53.06	W 107 41 43.82
	3055.00	11.26	105.65	3020.79	-365.54	-119.80	369.86	0.41	1915633.09	540643.81	N 36 15 53.03	W 107 41 43.68
	3119.00	11.26	107.32	3083.56	-377.40	-123.35	381.84	0.51	1915629.56	540655.80	N 36 15 53.00	W 107 41 43.53
	3182.00	10.99	108.55	3145.38	-388.63	-127.09	393.40	0.57	1915625.84	540667.37	N 36 15 52.96	W 107 41 43.39
	3245.00	10.38	107.76	3207.28	-399.79	-130.73	404.50	1.00	1915622.21	540678.47	N 36 15 52.92	W 107 41 43.25
	3308.00	9.41	107.14	3269.34	-410.00	-133.98	414.83	1.55	1915618.98	540688.80	N 36 15 52.89	W 107 41 43.13
	3372.00	8.09	107.50	3332.60	-419.19	-136.88	424.12	2.06	1915616.09	540698.10	N 36 15 52.86	W 107 41 43.01
	3435.00	7.12	108.29	3395.04	-427.04	-139.44	432.06	1.55	1915613.55	540706.04	N 36 15 52.84	W 107 41 42.92
	3498.00	7.03	109.69	3457.56	-434.28	-141.96	439.39	0.31	1915611.03	540713.38	N 36 15 52.81	W 107 41 42.83
	3562.00	7.12	109.25	3521.08	-441.82	-144.59	446.83	0.16	1915608.42	540720.81	N 36 15 52.79	W 107 41 42.74
	3626.00	7.03	106.88	3584.59	-449.02	-147.03	454.32	0.48	1915605.98	540728.31	N 36 15 52.76	W 107 41 42.64
	3690.00	6.60	108.29	3648.14	-456.18	-149.32	461.56	0.72	1915603.70	540735.55	N 36 15 52.74	W 107 41 42.56
	3754.00	6.33	107.67	3711.73	-462.96	-151.55	468.41	0.44	1915601.49	540742.41	N 36 15 52.72	W 107 41 42.47
	3817.00	5.72	108.20	3774.38	-469.17	-153.58	474.70	0.97	1915599.46	540749.70	N 36 15 52.70	W 107 41 42.40
	3881.00	4.57	109.95	3838.12	-474.53	-155.45	480.13	1.81	1915597.60	540754.13	N 36 15 52.68	W 107 41 42.33
	3945.00	3.69	112.51	3901.96	-478.77	-157.11	484.43	1.40	1915595.95	540758.43	N 36 15 52.66	W 107 41 42.28
	4008.00	2.90	114.53	3964.85	-482.05	-158.55	487.75	1.27	1915594.52	540761.76	N 36 15 52.65	W 107 41 42.24
	4072.00	2.29	111.63	4028.79	-484.67	-159.69	490.41	0.97	1915593.38	540764.42	N 36 15 52.64	W 107 41 42.20
	4135.00	0.97	108.64	4091.76	-486.32	-160.33	492.09	2.10	1915592.74	540766.10	N 36 15 52.63	W 107 41 42.18
	4199.00	0.44	84.82	4155.75	-487.07	-160.48	492.85	0.93	1915592.59	540766.85	N 36 15 52.63	W 107 41 42.17
	4262.00	0.35	69.44	4218.75	-487.50	-160.39	493.27	0.22	1915592.68	540767.27	N 36 15 52.63	W 107 41 42.17
	4325.00	0.53	64.52	4281.75	-487.94	-160.19	493.71	0.29	1915592.88	540767.72	N 36 15 52.63	W 107 41 42.16
	4389.00	0.53	63.90	4345.75	-488.49	-159.94	494.25	0.01	1915593.14	540768.25	N 36 15 52.63	W 107 41 42.16
	4452.00	0.53	77.00	4408.74	-489.04	-159.74	494.79	0.19	1915593.33	540768.79	N 36 15 52.64	W 107 41 42.15
	4515.00	0.35	65.48	4471.74	-489.50	-159.60	495.25	0.32	1915593.48	540769.25	N 36 15 52.64	W 107 41 42.14
	4579.00	0.26	87.28	4535.74	-489.83	-159.51	495.57	0.23	1915593.57	540769.58	N 36 15 52.64	W 107 41 42.14
	4642.00	0.26	81.13	4598.74	-490.11	-159.48	495.86	0.04	1915593.59	540769.86	N 36 15 52.64	W 107 41 42.14
	4706.00	0.09	238.28	4662.74	-490.21	-159.48	495.96	0.54	1915593.59	540769.96	N 36 15 52.64	W 107 41 42.14
	4769.00	0.18	293.21	4725.74	-490.08	-159.47	495.82	0.23	1915593.60	540769.83	N 36 15 52.64	W 107 41 42.14
	4833.00	0.26	242.93	4789.74	-489.86	-159.50	495.60	0.31	1915593.58	540769.61	N 36 15 52.64	W 107 41 42.14
	4894.00	0.35	225.09	4850.74	-489.60							

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 ° ° ' '')
	5182.00	22.51	286.93	5131.99	-439.79	-145.07	445.01	11.69	1915607.93	540719.00	N 36 15 52.78 W 107 41 42.76	
	5246.00	29.63	286.17	5189.44	-413.13	-137.08	418.06	11.14	1915615.88	540692.04	N 36 15 52.86 W 107 41 43.09	
	5309.00	34.82	275.80	5242.76	-380.46	-130.92	385.16	12.01	1915622.00	540659.13	N 36 15 52.92 W 107 41 43.49	
	5373.00	40.10	268.26	5293.57	-341.69	-129.70	346.33	10.92	1915623.16	540620.31	N 36 15 52.93 W 107 41 43.96	
	5436.00	44.23	265.93	5340.26	-299.43	-131.87	304.11	7.01	1915620.93	540578.09	N 36 15 52.91 W 107 41 44.48	
	5500.00	49.51	266.28	5384.00	-252.76	-135.04	257.53	8.26	1915617.70	540531.52	N 36 15 52.88 W 107 41 45.05	
	5563.00	55.84	267.67	5422.18	-202.70	-137.66	207.53	10.20	1915615.01	540481.53	N 36 15 52.85 W 107 41 45.66	
	5627.00	61.91	266.62	5455.25	-147.95	-140.40	152.84	9.59	1915612.19	540426.84	N 36 15 52.83 W 107 41 46.33	
	5665.00	64.28	266.15	5472.44	-114.08	-142.54	119.02	6.33	1915610.00	540393.03	N 36 15 52.81 W 107 41 46.74	
	5728.00	70.26	264.71	5496.77	-56.06	-147.18	61.13	9.72	1915605.28	540335.15	N 36 15 52.76 W 107 41 47.45	
	5792.00	77.65	263.89	5514.45	5.27	-153.29	-0.03	11.61	1915599.08	540274.00	N 36 15 52.70 W 107 41 48.19	
	5855.00	84.86	263.67	5524.02	67.33	-160.04	-61.89	11.45	1915592.25	540212.16	N 36 15 52.63 W 107 41 48.95	
7" Casing Point	5909.00	86.22	265.83	5528.22	121.07	-164.96	-115.50	4.71	1915587.25	540158.57	N 36 15 52.58 W 107 41 49.60	
5917 Landing Point	5917.00	86.42	266.15	5528.74	129.05	-165.52	-123.46	4.71	1915586.68	540150.60	N 36 15 52.58 W 107 41 49.70	
	5963.00	87.58	267.98	5531.15	174.98	-167.87	-169.34	4.71	1915584.26	540104.74	N 36 15 52.56 W 107 41 50.28	
	6024.00	87.32	268.14	5533.86	235.92	-169.94	-230.24	0.50	1915582.11	540043.84	N 36 15 52.54 W 107 41 51.00	
	6087.00	87.32	270.04	5536.81	298.84	-170.94	-293.16	3.01	1915581.03	539980.93	N 36 15 52.53 W 107 41 51.77	
	6151.00	90.66	271.72	5537.93	362.74	-169.95	-357.13	5.84	1915581.92	539916.96	N 36 15 52.54 W 107 41 52.65	
	6215.00	92.24	272.52	5536.32	426.55	-167.59	-421.06	2.77	1915584.20	539853.03	N 36 15 52.56 W 107 41 53.33	
	6278.00	92.07	272.64	5533.95	489.31	-164.75	-483.96	0.33	1915586.94	539790.14	N 36 15 52.59 W 107 41 54.10	
	6342.00	91.80	272.33	5531.79	553.08	-161.98	-547.86	0.64	1915589.62	539726.24	N 36 15 52.61 W 107 41 54.88	
	6405.00	92.42	271.98	5526.47	615.87	-159.61	-610.77	1.13	1915591.90	539663.33	N 36 15 52.64 W 107 41 55.65	
	6469.00	92.24	272.09	5526.86	679.67	-157.34	-674.68	0.33	1915594.08	539598.42	N 36 15 52.66 W 107 41 56.43	
	6532.00	92.95	270.93	5524.01	742.48	-155.68	-737.59	2.16	1915595.65	539536.51	N 36 15 52.68 W 107 41 57.20	
	6596.00	92.95	271.04	5520.72	806.31	-154.58	-801.50	0.17	1915596.66	539472.61	N 36 15 52.69 W 107 41 57.98	
	6659.00	92.77	271.14	5517.57	869.15	-153.39	-864.41	0.33	1915597.77	539406.70	N 36 15 52.70 W 107 41 58.75	
	6722.00	92.68	271.53	5514.58	931.97	-151.92	-927.32	0.63	1915599.15	539346.79	N 36 15 52.71 W 107 41 59.52	
	6785.00	92.33	271.65	5511.78	995.79	-150.15	-991.23	0.58	1915600.83	539282.88	N 36 15 52.73 W 107 42 0.30	
	6849.00	92.42	268.68	5509.17	1058.68	-149.97	-1054.17	4.71	1915600.92	539218.95	N 36 15 52.73 W 107 42 1.06	
	6913.00	92.51	269.37	5506.42	1122.61	-151.05	-1118.10	1.09	1915599.74	539156.03	N 36 15 52.72 W 107 42 1.84	
	6976.00	92.33	269.52	5503.76	1185.54	-151.66	-1181.04	0.37	1915599.05	539093.09	N 36 15 52.72 W 107 42 2.61	
	7040.00	92.68	269.42	5500.96	1249.46	-152.26	-1244.98	0.57	1915598.36	539029.16	N 36 15 52.71 W 107 42 3.39	
	7104.00	92.24	269.68	5498.21	1313.38	-152.78	-1308.92	0.80	1915597.77	538965.23	N 36 15 52.71 W 107 42 4.17	
	7167.00	92.07	269.78	5495.84	1376.30	-153.05	-1371.87	0.31	1915597.39	538902.28	N 36 15 52.70 W 107 42 4.94	
	7231.00	91.54	269.66	5493.83	1440.25	-153.37	-1435.84	0.85	1915596.98	538838.32	N 36 15 52.70 W 107 42 5.72	
	7294.00	91.10	270.23	5492.38	1503.19	-153.43	-1498.82	1.14	1915596.83	538775.34	N 36 15 52.70 W 107 42 6.49	
	7358.00	92.15	271.06	5490.56	1567.10	-152.71	-1562.79	2.09	1915597.46	538711.38	N 36 15 52.71 W 107 42 7.27	
	7422.00	91.45	271.20	5488.55	1630.97	-151.45	-1626.75	1.12	1915598.64	538647.42	N 36 15 52.72 W 107 42 8.06	
	7485.00	92.24	269.87	5486.52	1693.88	-150.86	-1689.71	2.45	1915599.13	538584.47	N 36 15 52.72 W 107 42 8.82	
	7548.00	91.63	269.78	5484.40	1756.81	-151.05	-1752.67	0.98	1915598.85	538521.51	N 36 15 52.72 W 107 42 9.59	
	7612.00	92.77	269.68	5481.94	1820.74	-151.35	-1816.62	1.79	1915598.46	538457.56	N 36 15 52.72 W 107 42 10.37	
	7675.00	92.51	269.41	5479.04	1883.65	-151.85	-1879.56	0.59	1915597.87	538394.64	N 36 15 52.71 W 107 42 11.14	
	7738.00	91.80	269.29	5476.67	1946.59	-152.56	-1942.51	1.14	1915597.07	538331.69	N 36 15 52.71 W 107 42 11.91	
	7801.00	92.59	269.41	5471.80	2009.46	-154.00	-2006.49	0.63	1915595.45	538268.81	N 36 15 52.69 W 107 42 12.68	
	7864.00	92.33	269.18	5469.06	2072.33	-154.79	-2133.34	0.54	1915594.58	538205.93	N 36 15 52.68 W 107 42 13.46	
	7927.00	92.77	268.72	5466.25	2135.20	-155.94	-2196.27	1.01	1915593.33	538143.06	N 36 15 52.68 W 107 42 14.24	
	8000.00	92.33	267.96	5463.41	2200.32	-157.80	-2260.18	1.37	1915591.39	538079.96	N 36 15 52.65 W 107 42 15.01	
	8063.00	92.42	267.67	5460.80	2264.25	-160.20	-2323.08	0.48	1915591.39	538014.06	N 36 15 52.65 W 107 42 15.79	
	8126.00	92.51	268.09	5458.04	2327.20	-162.56	-2386.97	0.67	1915588.90	537951.17	N 36 15 52.63 W 107 42 16.56	
	8189.00	92.24	269.03	5455.43	2391.14	-164.14	-2449.90	1.55	1915586.45	537887.28	N 36 15 52.61 W 107 42 17.34	
	8252.00	92.15	268.57	5452.98	2454.08	-165.48	-2513.84	0.73	1915584.78	537824.36	N 36 15 52.59 W 107 42 18.11	
	8315.00	92.07	268.53	5450.66	2518.03	-167.08	-2576.77	0.14	1915583.35	537760.43	N 36 15 52.58 W 107 42 18.89	
	8378.00	91.71	271.01	5448.55	2580.98	-167.33	-2640.73	3.91	1915581.67	537697.50	N 36 15 52.56 W 107 42 19.66	
	8441.00	91.89	271.68	5446.57	2644.91	-165.85	-2703.68	1.10	1915582.71	537633.55	N 36 15 52.57 W 107 42 20.44	
	8504.00	92.77	272.85	5443.97	2707.78	-163.33	-2767.58	2.29	1915585.14	537570.60	N 36 15 52.57 W 107 42 21.21	
	8567.00	92.07	272.14	5441.27	2771.55	-160.54	-2831.46	1.56	1915585.14	537506.70	N 36 15 52.60 W 107 42 21.99	
	8630.00	92.77	272.65	5438.61	2835.30	-157.91	-2894.35	1.37	1915587.84	537442.82	N 36 15 52.63 W 107 42 22.77	
	8693.00	92.51	272.47	5435.71	2898.06	-155.10	-2957.22	0.50	1915590.38	537379.94	N 36 15 52.65 W 107 42 23.53	
	8756.00	93.30	270.98	5432.46	2960.79	-153.18	-3021.11	2.63	1915593.10	537317.07	N 36 15 52.68 W 107 42 24.30	
	8819.00	92.95	270.98	5429.03	3084.58	-152.15	-3084.00	0.57	1915594.94	537253.19	N 36 15 52.70 W 107 42 25.08	
	8882.00	92.51	270.38	5425.98	3151.26	-151.37	-3147.93	0.91	1915595.87	537190.29	N 36 15 52.71 W 107 42 25.85	
	8945.00	92.68	270.38	5423.13	3214.14	-150.88	-3210.86	0.34	1915596.56	537126.37	N 36 15 52.72 W 107 42 26.63	
	9008.00	92.33	270.39	5420.33	3278.03	-150.45	-3274.80	0.55	1915596.96	537063.44	N 36 15 52.72 W 107 42 27.40	
	9071.00	91.98	269.68	5417.96	3340.94	-150.41	-3337.75	1.26	1915597.25	536999.51	N 36 15 52.73 W 107 42 28.18	
	9134.00	93.03	269.86	5415.16	3404.85	-150.67	-3401.69	1.66	1915597.25	536936.56	N 36 15 52.73 W 107 42 28.95	
	9197.00	92.42	269.28	5412.17	3467.76	-151.14	-3464.62	1.34	1915596.91	536872.63	N 36 15 52.72 W 107 42 29.73	
	9260.00	92.24	268.75	5409.61	3530.70	-152.23	-3527.55	0.89	1915596.35	536809.71	N 36 15 52.72 W 107 42 30.50	
	9323.00	92.15	269.02	5407.19	3593.64	-153.45	-3590.50	0.45	1915595.17	536746.78	N 36 15 52.71 W 107 42 31.27	
	9386.00	92.68	269.14	5404.54	3656.58	-154.46	-3653.43	0.88	1915593.86	536683.84	N 36 15 52.70 W 107 42 32.03	
	9449.00	92.59	269.20	5401.64	3719.50	-155.37	-3716.36	0.17	1915592.76	536620.92	N 36 15 52.69 W 107 42 32.80	
	9512.00	92.42	268.94	5398.85	3783.43	-156.41	-3780.29	0.49	1915591.76	536558.00	N 36 15 52.68 W 107 42 33.57	
	9575.00	91.98	269.00	5396.43	3846.37	-157.54	-3843.23	0.70	1915592.76	536494.07	N 36 15 52.67 W 107 42 34.35	
	9638.00	92.95	270.19	5393.72	3909.29	-157.99	-3906.17	2.44	1915590.63	536431.14	N 36 15 52.66 W 107 42 35.12	
	9701.00	92.42	269.78	5390.77	3972.18	-158.00	-3969.10	1.06	1915588.88	536368.20	N 36 15 52.65 W 107 42 35.89	
	9764.00	92.24	269.69	5388.21	4035.10	-158.30	-4032.05	0.32	1915588.77	536305.28	N 36 15 52.65 W 107 42 36.66	
	9827.00	92.59	269.87	5385.51	4098.02	-158.54	-4095.09	0.61	1915588.06			