

WELL	<b>Hittle Cattle 12-12H</b>	FIELD	<b>CO, Mesa Co. (NAD83UTM13)</b>	STRUCTURE	<b>Encana 01-10S-96W (PL1NW)</b>
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Magnetic Parameters Model: BGGM 2011 Dip: 65.496° Mag Dec: 10.331°	Date: August 30, 2011 FS: 52940.3xT	Surface Location Lat: N 39 13 25.316 Lon: W 108 3 34.398	NAD83 UTM Zone 13N, US Feet Northing: 14258707.80 RUS Easting: 773878.43 RUS Grid Conv: -1.93582645° Scale Fact: 1.00045904	Miscellaneous Slot: Hittle Cattle 12-12H Plan: Hittle Cattle 12-12H R0 ors 30-Aug-11 TVD Ref: RKB(6031) above MSL Aug 30, 2011
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## Surface Location

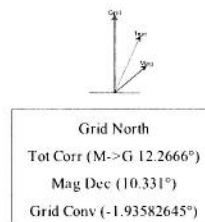
Northing: 14258707.80 Easting: 773878.43

Quality Control  
Date Drawn: September 09, 2011 12:42:49 PM  
Drawn by: Oswaldo Salazar  
Checked by:  
Client OK:

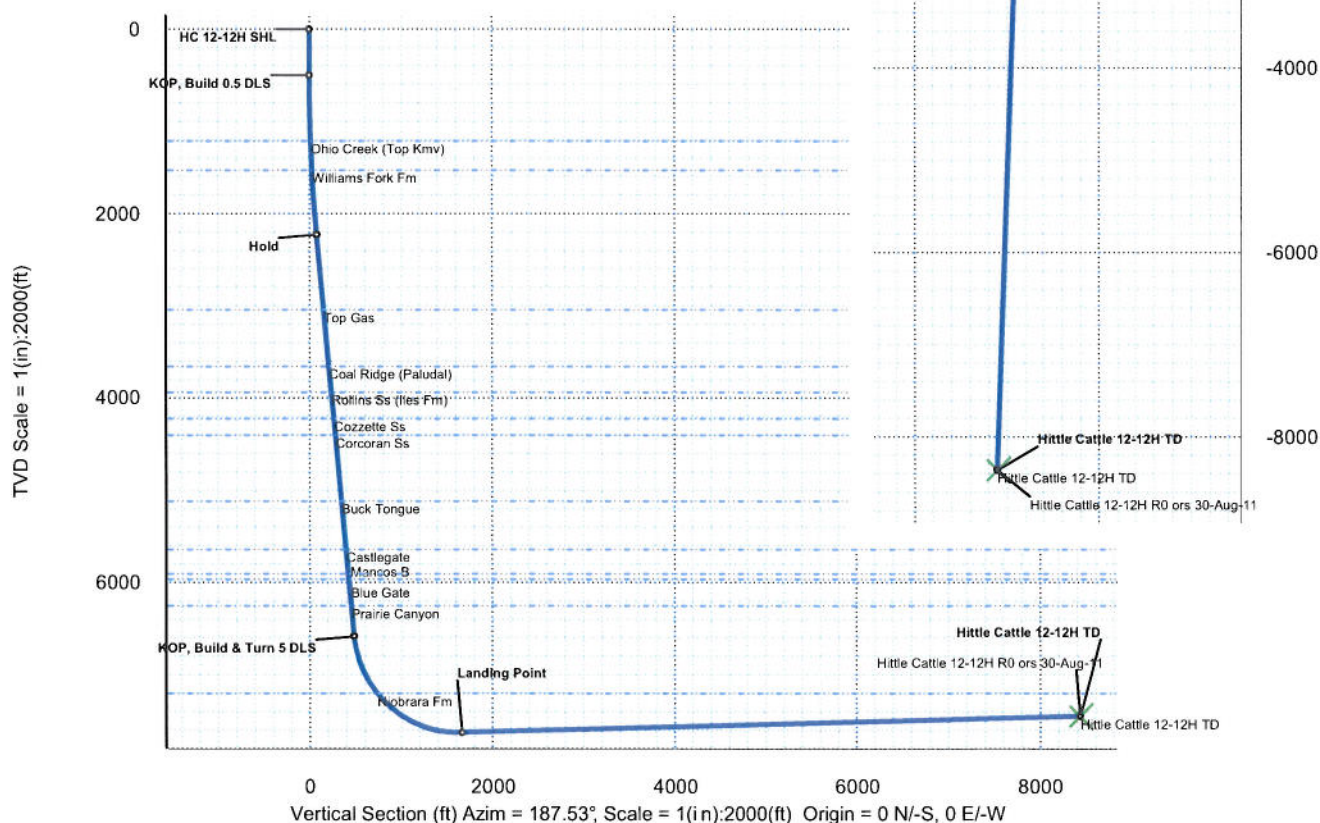
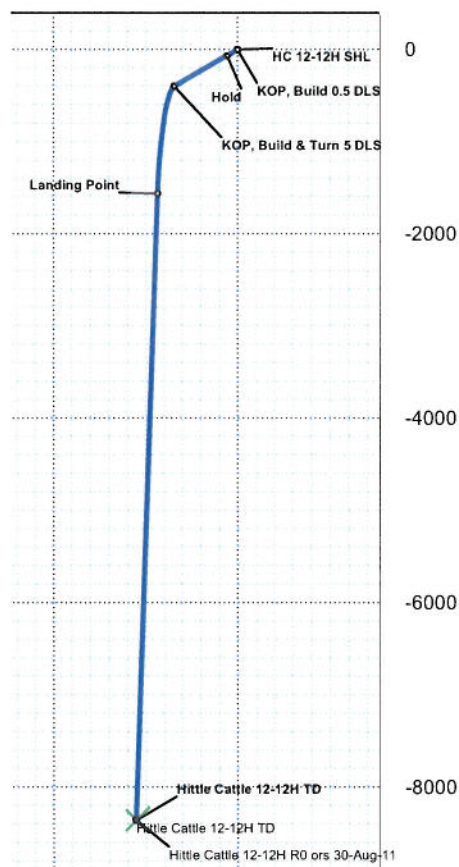
**Proposal**

Target Name	Shape	Major Axis	N(+)S(-)	E(+)W(-)	TVD	YSec	N(+)S(-)	E(+)W(-)
Hittle Cattle 12-12H TD	Point	0.00	39.20	-108.06	7448.00	8430.09	-8357.40	-1104.67

Critical Point	MD	INCL	AZIM	TVD	YSEC	N(+)S(-)	E(+)W(-)	DLS
HIC 12-12H SHL	0.00	0.00	239.98	0.00	0.00	0.00	0.00	0.00
Marker MudLine	22.00	0.00	239.98	22.00	0.00	0.00	0.00	0.00
KOP, Build 0.5 DLS	500.00	0.00	239.98	500.00	0.00	0.00	0.00	0.00
Ohio Creek (Top Kmv)	1212.46	3.56	239.98	1212.00	13.49	-11.08	-19.17	0.50
Williams Fork Fm	1528.38	5.14	239.98	1527.00	28.10	-23.07	-39.93	0.50
Hold	2233.07	8.67	239.98	2226.48	79.71	-65.43	-113.26	0.50
Top Gas	3058.02	8.67	239.98	3042.00	155.45	-127.61	-220.88	0.00
Coal Ridge (Paludal)	3679.11	8.67	239.98	3656.00	212.48	-174.42	-301.91	0.00
Rollins Ss (Hes Fm)	3961.33	8.67	239.98	3935.00	238.39	-195.69	-338.73	0.00
Cozzette Ss	4250.63	8.67	239.98	4221.00	264.95	-217.49	-376.47	0.00
Concoran Ss	4433.72	8.67	239.98	4402.00	281.76	-231.29	-400.35	0.00
Buck Tongue	5153.94	8.67	239.98	5114.00	347.89	-285.57	-494.31	0.00
Castlegate	5683.99	8.67	239.98	5638.00	396.55	-325.52	-563.46	0.00
Mancos B	5952.05	8.67	239.98	5903.00	421.16	-345.73	-598.43	0.00
Blue Gate	6010.72	8.67	239.98	5961.00	426.55	-350.15	-606.08	0.00
Prairie Canyon	6306.09	8.67	239.98	6253.00	453.67	-372.41	-644.62	0.00
KOP, Build & Turn 5 DLS	6638.04	8.67	239.98	6581.16	484.15	-397.43	-687.92	0.00
Niobrara Fm	7320.59	39.32	191.25	7201.00	738.83	-642.51	-777.30	5.00
Landing Point	8376.17	91.50	182.00	7626.00	1664.05	-1563.87	-867.43	5.00
Horizontal Target	Infinity			7639.00				
Hittle Cattle 12-12H TD	15176.17	91.50	182.00	7448.00	8430.09	-8357.40	-1104.67	0.00



Scale = 1(in):2000(ft)  
W -2000 0 E >>>



Vertical Section (ft) Azim = 187.53°, Scale = 1(in):2000(ft) Origin = 0 N-S, 0 E-W

## Hittle Cattle 12-12H R0 ors 30-Aug-11 Proposal Report

(Def Plan)

Report Date: September 09, 2011 - 12:41 PM  
 Client: EnCana Oil & Gas (USA) Inc.  
 Field: CO, Mesa County (NAD 83 UTM 13) EnCana 2010  
 Structure / Slot: Encana 01-10S-96W (PL1NW Pad) / Hittle Cattle 12-12H  
 Well: Hittle Cattle 12-12H  
 Borehole: Original Hole  
 UWI / API#: Unknown / Unknown  
 Survey Name: Hittle Cattle 12-12H R0 ors 30-Aug-11  
 Survey Date: August 30, 2011  
 Tort / AHD / DDI / ERD Ratio: 95 572' / 8783.514 ft / 6 223' / 1.152  
 Coordinate Reference System: NAD83 UTM Zone 13N, US Feet  
 Location Lat / Long: N 39° 13' 25.31640", W 108° 3' 34.39802"  
 Location Grid N/E Y/X: N 14258707.798 ftUS, E 773878.429 ftUS  
 CRS Grid Convergence Angle: -1.93582645°  
 Grid Scale Factor: 1.00045904

Survey / DLS Computation: Minimum Curvature / Lubinski  
 Vertical Section Azimuth: 187.530° (Grid North)  
 Vertical Section Origin: 0.000 ft, 0.000 ft  
 TVD Reference Datum: RKB  
 TVD Reference Elevation: 6031.000 ft above MSL  
 Seabed / Ground Elevation: 6009.000 ft above MSL  
 Magnetic Declination: 10.331°  
 Total Field Strength: 52040.345 nT  
 Magnetic Dip Angle: 65.496°  
 Declination Date: August 30, 2011  
 Magnetic Declination Model: BGM 2011  
 North Reference: Grid North  
 Grid Convergence Used: -1.936°  
 Total Corr Mag North->Grid North: 12.267°  
 Local Coord Referenced To: Well Head

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
HC 12-12H SHL	0.00	0.00	239.98	0.00	0.00	0.00	0.00	N/A	14258707.80	773878.43	N 39 13 25.32	W 108 3 34.40
Marker MudLine	22.00	0.00	239.98	22.00	0.00	0.00	0.00	0.00	14258707.80	773878.43	N 39 13 25.32	W 108 3 34.40
	100.00	0.00	239.98	100.00	0.00	0.00	0.00	0.00	14258707.80	773878.43	N 39 13 25.32	W 108 3 34.40
	200.00	0.00	239.98	200.00	0.00	0.00	0.00	0.00	14258707.80	773878.43	N 39 13 25.32	W 108 3 34.40
	300.00	0.00	239.98	300.00	0.00	0.00	0.00	0.00	14258707.80	773878.43	N 39 13 25.32	W 108 3 34.40
	400.00	0.00	239.98	400.00	0.00	0.00	0.00	0.00	14258707.80	773878.43	N 39 13 25.32	W 108 3 34.40
KOP, Build 0.5 DLS	500.00	0.00	239.98	500.00	0.00	0.00	0.00	0.00	14258707.80	773878.43	N 39 13 25.32	W 108 3 34.40
	600.00	0.50	239.98	600.00	0.27	-0.22	-0.38	0.50	14258707.58	773878.05	N 39 13 25.31	W 108 3 34.40
	700.00	1.00	239.98	699.99	1.06	-0.87	-1.51	0.50	14258706.92	773876.92	N 39 13 25.31	W 108 3 34.42
	800.00	1.50	239.98	799.97	2.39	-1.96	-3.40	0.50	14258705.83	773875.03	N 39 13 25.30	W 108 3 34.44
	900.00	2.00	239.98	899.92	4.25	-3.49	-6.04	0.50	14258704.30	773872.38	N 39 13 25.28	W 108 3 34.47
	1000.00	2.50	239.98	999.84	6.65	-5.46	-9.44	0.50	14258702.34	773868.98	N 39 13 25.26	W 108 3 34.52
	1100.00	3.00	239.98	1099.73	9.57	-7.86	-13.60	0.50	14258699.94	773864.82	N 39 13 25.23	W 108 3 34.57
	1200.00	3.50	239.98	1199.56	13.02	-10.69	-18.51	0.50	14258697.10	773859.91	N 39 13 25.20	W 108 3 34.63
Ohio Creek (Top Kmv)	1212.46	3.56	239.98	1212.00	13.49	-11.08	-19.17	0.50	14258696.72	773859.25	N 39 13 25.20	W 108 3 34.64
	1300.00	4.00	239.98	1299.35	17.01	-13.96	-24.17	0.50	14258693.83	773854.25	N 39 13 25.17	W 108 3 34.70
	1400.00	4.50	239.98	1399.08	21.53	-17.67	-30.59	0.50	14258690.12	773847.83	N 39 13 25.13	W 108 3 34.78
	1500.00	5.00	239.98	1498.73	26.57	-21.81	-37.76	0.50	14258685.97	773840.65	N 39 13 25.09	W 108 3 34.87
Williams Fork Fm	1528.38	5.14	239.98	1527.00	28.10	-23.07	-39.93	0.50	14258684.72	773838.48	N 39 13 25.08	W 108 3 34.90
	1600.00	5.50	239.98	1598.31	32.15	-26.39	-45.68	0.50	14258681.40	773832.73	N 39 13 25.04	W 108 3 34.97
	1700.00	6.00	239.98	1697.81	38.25	-31.40	-54.36	0.50	14258676.38	773824.05	N 39 13 24.99	W 108 3 35.07
	1800.00	6.50	239.98	1797.21	44.89	-36.85	-63.78	0.50	14258670.93	773814.62	N 39 13 24.93	W 108 3 35.19
	1900.00	7.00	239.98	1896.52	52.05	-42.73	-73.96	0.50	14258665.05	773804.44	N 39 13 24.87	W 108 3 35.32
	2000.00	7.50	239.98	1995.72	59.74	-49.04	-84.89	0.50	14258658.73	773793.50	N 39 13 24.80	W 108 3 35.45
	2100.00	8.00	239.98	2094.81	67.96	-55.79	-96.56	0.50	14258651.99	773781.82	N 39 13 24.73	W 108 3 35.60
	2200.00	8.50	239.98	2193.77	76.70	-62.96	-108.99	0.50	14258644.80	773769.39	N 39 13 24.66	W 108 3 35.76
Hold	2233.07	8.67	239.98	2226.48	79.71	-65.43	-113.26	0.50	14258642.33	773765.11	N 39 13 24.63	W 108 3 35.81
	2300.00	8.67	239.98	2292.64	85.86	-70.48	-121.99	0.00	14258637.29	773756.38	N 39 13 24.58	W 108 3 35.92
	2400.00	8.67	239.98	2361.50	95.04	-78.01	-135.04	0.00	14258629.75	773743.33	N 39 13 24.50	W 108 3 36.08
	2500.00	8.67	239.98	2460.35	104.22	-85.55	-148.08	0.00	14258622.21	773730.28	N 39 13 24.42	W 108 3 36.24
	2600.00	8.67	239.98	2569.21	113.40	-93.09	-161.13	0.00	14258614.67	773717.22	N 39 13 24.34	W 108 3 36.40
	2700.00	8.67	239.98	2688.07	122.58	-100.63	-174.18	0.00	14258607.13	773704.17	N 39 13 24.26	W 108 3 36.57
	2800.00	8.67	239.98	2786.93	131.76	-108.16	-187.22	0.00	14258599.59	773691.12	N 39 13 24.19	W 108 3 36.73
	2900.00	8.67	239.98	2885.79	140.94	-115.70	-200.27	0.00	14258592.05	773678.07	N 39 13 24.11	W 108 3 36.89
	3000.00	8.67	239.98	2984.65	150.13	-123.24	-213.31	0.00	14258584.51	773665.02	N 39 13 24.03	W 108 3 37.05
Top Gas	3058.02	8.67	239.98	3042.00	155.45	-127.61	-220.88	0.00	14258580.13	773657.45	N 39 13 23.98	W 108 3 37.15
	3100.00	8.67	239.98	3083.50	159.31	-130.77	-226.36	0.00	14258576.97	773651.97	N 39 13 23.95	W 108 3 37.22
	3200.00	8.67	239.98	3182.36	168.49	-138.31	-239.40	0.00	14258569.43	773638.91	N 39 13 23.87	W 108 3 37.38
	3300.00	8.67	239.98	3281.22	177.67	-145.85	-252.45	0.00	14258561.89	773625.86	N 39 13 23.79	W 108 3 37.54
	3400.00	8.67	239.98	3380.08	186.85	-153.38	-265.50	0.00	14258554.34	773612.81	N 39 13 23.71	W 108 3 37.70
	3500.00	8.67	239.98	3478.94	196.03	-160.92	-278.54	0.00	14258546.80	773599.76	N 39 13 23.63	W 108 3 37.87
	3600.00	8.67	239.98	3577.80	205.21	-168.46	-291.59	0.00	14258539.26	773586.71	N 39 13 23.56	W 108 3 38.03
Coal Ridge (Paludal)	3679.11	8.67	239.98	3656.00	212.48	-174.42	-301.91	0.00	14258533.30	773576.38	N 39 13 23.49	W 108 3 38.16
	3700.00	8.67	239.98	3676.66	214.39	-175.99	-304.63	0.00	14258531.72	773573.66	N 39 13 23.48	W 108 3 38.19
	3800.00	8.67	239.98	3775.51	223.58	-183.53	-317.68	0.00	14258524.18	773560.60	N 39 13 23.40	W 108 3 38.35
	3900.00	8.67	239.98	3874.37	232.76	-191.07	-330.72	0.00	14258516.64	773547.55	N 39 13 23.32	W 108 3 38.52
Rollins Ss (Iles Fm)	3961.33	8.67	239.98	3935.00	238.39	-195.69	-338.73	0.00	14258512.02	773539.55	N 39 13 23.27	W 108 3 38.62
	4000.00	8.67	239.98	3973.23	241.94	-198.60	-343.77	0.00	14258509.10	773534.50	N 39 13 23.24	W 108 3 38.68
	4100.00	8.67	239.98	4072.09	251.12	-206.14	-356.82	0.00	14258501.56	773521.45	N 39 13 23.16	W 108 3 38.84
	4200.00	8.67	239.98	4170.95	260.30	-213.68	-369.86	0.00	14258494.02	773508.40	N 39 13 23.08	W 108 3 39.00
Cozzette Ss	4250.63	8.67	239.98	4221.00	264.95	-217.49	-376.47	0.00	14258490.21	773501.79	N 39 13 23.04	W 108 3 39.09
	4300.00	8.67	239.98	4269.81	269.48	-221.21	-382.91	0.00	14258486.48	773495.35	N 39 13 23.00	W 108 3 39.17
	4400.00	8.67	239.98	4368.67	278.66	-228.75	-395.95	0.00	14258478.94	773482.29	N 39 13 22.92	W 108 3 39.33
Corcoran Ss	4433.72	8.67	239.98	4402.00	281.76	-231.29	-400.35	0.00	14258476.40	773477.89	N 39 13 22.90	W 108 3 39.38
	4500.00	8.67	239.98	4467.52	287.84	-236.29	-409.00	0.00	14258471.40	773469.24	N 39 13 22.85	W 108 3 39.49
	4600.00	8.67	239.98	4566.38	297.03	-243.82	-422.05	0.00	14258463.86	773456.19	N 39 13 22.77	W 108 3 39.65
	4700.00	8.67	239.98	4665.24	306.21	-251.36	-435.09	0.00	14258456.32	773443.14	N 39 13 22.69	W 108 3 39.82
	4800.00	8.67	239.98	4764.10	315.39	-258.90	-448.14	0.00	14258448.78	773430.09	N 39 13 22.61	W 108 3 39.98
	4900.00	8.67	239.98	4862.96	324.57	-266.43	-461.18	0.00	14258441.24	773417.04	N 39 13 22.53	W 108 3 40.14
	5000.00	8.67	239.98	4961.82	333.75	-273.97	-474.23	0.00	14258433.70	773403.98	N 39 13 22.45	W 108 3 40.30
	5100.00	8.67	239.98	5060.68	342.93	-281.51	-487.27	0.00	14258426.16	773390.93	N 39 13 22.37	W 108 3 40.47
Buck Tongue	5153.94	8.67	239.98	5114.00	347.89	-285.57	-494.31	0.00	14258422.09	773383.89	N 39 13 22.33	W 108 3 40.55
	5200.00	8.67	239.98	5159.53	352.11	-289.05	-500.32	0.00	14258418.62	773377.88	N 39 13 22.29	W 108 3 40.63
	5300.00	8.67	239.98	5258.39	361.30	-296.58	-513.37	0.00	14258411.08	773364.83	N 39 13 22.22	W 108 3 40.79
	5400.00	8.67	239.98	5357.25	370.48	-304.12	-526.41	0.00	14258403.54	773351.78	N 39 13 22.14	W 108 3 40.95
	5500.00	8.67	239.98	5456.11	379.66	-311.66	-539.46	0.00	14258396.00	773338.73	N 39 13 22.06	W 108 3 41.12
	5600.00	8.67	239.98	5554.97	388.84	-319.19	-552.50	0.00	14258388.46	773325.67	N 39 13 21.98	W 108 3 41.28
Castlegate	5683.99	8.67	239.98	5638.00	396.55	-325.52	-563.46	0.00	14258382.13	773314.71	N 39 13 21.93	W 108 3 41.41
	5700.00	8.67	239.98	5653.83	398.02	-326.73	-565.55	0.00	14258380.92	773312.62	N 39 13 21.90	W 108 3 41.44
	5800.00	8.67	239.98	5752.68	407.20	-334.27	-578.59	0.00	14258373.38	773299.57	N 39 13 21.82	W 108 3 41.60
	5900.00	8.67	239.98	5851.54	416.38	-341.80	-591.64	0.00	14258365.84	773286.52	N 39 13 21.74	W 108 3 41.76



Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
Prairie Canyon	6306.00	8.67	239.98	6253.00	453.67	-372.47	-644.62	0.00	14258335.22	773233.52	N 39 13 21.42	W 108 3 42.42
	6400.00	8.67	239.98	6345.84	462.29	-379.49	-656.87	0.00	14258328.14	773221.26	N 39 13 21.35	W 108 3 42.58
	6500.00	8.67	239.98	6444.99	471.47	-387.02	-669.91	0.00	14258320.60	773208.21	N 39 13 21.27	W 108 3 42.74
	6600.00	8.67	239.98	6543.55	480.65	-394.56	-682.96	0.00	14258313.06	773195.16	N 39 13 21.19	W 108 3 42.90
KOP, Build & Turn 5 DLS	6638.04	8.67	239.98	6581.16	484.15	-397.43	-687.92	0.00	14258310.19	773190.19	N 39 13 21.16	W 108 3 42.96
	6700.00	10.63	225.59	6642.25	491.49	-403.76	-696.05	5.00	14258303.85	773182.06	N 39 13 21.10	W 108 3 43.06
	6800.00	14.65	211.76	6739.83	510.29	-420.98	-709.30	5.00	14258286.63	773168.80	N 39 13 20.92	W 108 3 43.23
	6900.00	19.12	204.03	6835.50	537.55	-446.70	-722.63	5.00	14258260.89	773155.47	N 39 13 20.66	W 108 3 43.38
	7000.00	23.80	199.19	6928.55	573.04	-480.75	-735.94	5.00	14258226.83	773142.15	N 39 13 20.32	W 108 3 43.54
	7100.00	28.59	195.88	7018.26	616.50	-522.84	-749.13	5.00	14258184.72	773128.96	N 39 13 19.90	W 108 3 43.69
	7200.00	33.43	193.46	7103.95	667.60	-572.67	-762.10	5.00	14258134.86	773115.98	N 39 13 19.40	W 108 3 43.83
	7300.00	38.31	191.59	7184.96	725.95	-629.86	-774.74	5.00	14258077.65	773103.33	N 39 13 18.84	W 108 3 43.97
Niobrara Fm	7320.59	39.32	191.25	7201.00	738.83	-642.51	-777.30	5.00	14258064.99	773100.78	N 39 13 18.71	W 108 3 43.99
	7400.00	43.21	190.08	7260.68	791.11	-693.97	-786.97	5.00	14258013.51	773091.10	N 39 13 18.20	W 108 3 44.09
	7500.00	48.13	188.83	7330.54	862.58	-764.52	-798.69	5.00	14257942.93	773079.38	N 39 13 17.50	W 108 3 44.21
	7600.00	53.06	187.76	7394.00	939.82	-840.95	-809.80	5.00	14257866.46	773066.26	N 39 13 16.74	W 108 3 44.32
	7700.00	58.00	186.82	7450.58	1022.23	-922.71	-820.24	5.00	14257784.67	773057.82	N 39 13 15.93	W 108 3 44.42
	7800.00	62.95	185.97	7499.85	1109.20	-1009.15	-829.90	5.00	14257698.18	773048.15	N 39 13 15.07	W 108 3 44.50
	7900.00	67.90	185.20	7541.43	1200.06	-1099.63	-838.74	5.00	14257607.66	773039.31	N 39 13 14.17	W 108 3 44.58
	8000.00	72.85	184.47	7575.01	1294.11	-1193.46	-846.66	5.00	14257513.79	773031.38	N 39 13 13.24	W 108 3 44.64
	8100.00	77.81	183.79	7600.33	1390.65	-1289.92	-853.62	5.00	14257417.29	773024.41	N 39 13 12.29	W 108 3 44.68
	8200.00	82.76	183.13	7617.20	1488.94	-1388.27	-859.57	5.00	14257318.89	773018.47	N 39 13 11.32	W 108 3 44.72
	8300.00	87.72	182.49	7625.49	1588.22	-1487.78	-864.45	5.00	14257219.34	773013.58	N 39 13 10.33	W 108 3 44.74
Landing Point	8376.17	91.50	182.00	7626.00	1664.05	-1563.87	-867.43	5.00	14257103.60	773010.60	N 39 13 9.58	W 108 3 44.74
	8400.00	91.50	182.00	7625.38	1687.77	-1587.68	-868.26	0.00	14257119.39	773009.77	N 39 13 9.34	W 108 3 44.74
	8500.00	91.50	182.00	7622.76	1787.27	-1687.59	-871.75	0.00	14257019.44	773006.28	N 39 13 8.36	W 108 3 44.74
	8600.00	91.50	182.00	7620.14	1886.77	-1787.49	-875.24	0.00	14256919.49	773002.79	N 39 13 7.37	W 108 3 44.75
	8700.00	91.50	182.00	7617.53	1986.27	-1887.39	-878.73	0.00	14256819.54	772999.30	N 39 13 6.38	W 108 3 44.75
	8800.00	91.50	182.00	7614.91	2085.77	-1987.30	-882.22	0.00	14256719.59	772995.81	N 39 13 5.39	W 108 3 44.75
	8900.00	91.50	182.00	7612.29	2185.27	-2087.20	-885.71	0.00	14256619.64	772992.32	N 39 13 4.40	W 108 3 44.75
	9000.00	91.50	182.00	7609.67	2284.77	-2187.11	-889.19	0.00	14256519.69	772988.83	N 39 13 3.42	W 108 3 44.75
	9100.00	91.50	182.00	7607.06	2384.27	-2287.01	-892.68	0.00	14256419.74	772985.34	N 39 13 2.43	W 108 3 44.75
	9200.00	91.50	182.00	7604.44	2483.77	-2386.92	-896.17	0.00	14256319.79	772981.85	N 39 13 1.44	W 108 3 44.75
	9300.00	91.50	182.00	7601.82	2583.27	-2486.82	-899.66	0.00	14256219.84	772978.36	N 39 13 0.45	W 108 3 44.76
	9400.00	91.50	182.00	7599.20	2682.77	-2586.73	-903.15	0.00	14256119.89	772974.87	N 39 12 59.46	W 108 3 44.76
	9500.00	91.50	182.00	7596.58	2782.27	-2686.63	-906.64	0.00	14256019.94	772971.38	N 39 12 58.48	W 108 3 44.76
	9600.00	91.50	182.00	7593.97	2881.77	-2786.54	-910.13	0.00	14255919.99	772967.89	N 39 12 57.49	W 108 3 44.76
	9700.00	91.50	182.00	7591.35	2981.27	-2886.44	-913.62	0.00	14255820.04	772964.40	N 39 12 56.50	W 108 3 44.76
	9800.00	91.50	182.00	7588.73	3080.77	-2986.35	-917.10	0.00	14255720.09	772960.91	N 39 12 55.51	W 108 3 44.76
	9900.00	91.50	182.00	7586.11	3180.27	-3086.25	-920.59	0.00	14255620.13	772957.42	N 39 12 54.52	W 108 3 44.76
	10000.00	91.50	182.00	7583.50	3279.77	-3186.16	-924.08	0.00	14255520.18	772953.92	N 39 12 53.53	W 108 3 44.76
	10100.00	91.50	182.00	7580.88	3379.27	-3286.06	-927.57	0.00	14255420.23	772950.43	N 39 12 52.55	W 108 3 44.77
	10200.00	91.50	182.00	7578.26	3478.78	-3385.97	-931.06	0.00	14255320.28	772946.94	N 39 12 51.56	W 108 3 44.77
	10300.00	91.50	182.00	7575.64	3578.28	-3485.87	-934.55	0.00	14255220.33	772943.45	N 39 12 50.57	W 108 3 44.77
	10400.00	91.50	182.00	7573.03	3677.78	-3585.78	-938.04	0.00	14255120.38	772939.96	N 39 12 49.58	W 108 3 44.77
	10500.00	91.50	182.00	7570.41	3777.28	-3685.68	-941.53	0.00	14255020.43	772936.47	N 39 12 48.59	W 108 3 44.77
	10600.00	91.50	182.00	7567.79	3876.78	-3785.59	-945.01	0.00	14254920.48	772932.98	N 39 12 47.61	W 108 3 44.77
	10700.00	91.50	182.00	7565.17	3976.28	-3885.49	-948.50	0.00	14254820.53	772929.49	N 39 12 46.62	W 108 3 44.77
	10800.00	91.50	182.00	7562.55	4075.78	-3985.40	-951.99	0.00	14254720.58	772926.00	N 39 12 45.63	W 108 3 44.78
	10900.00	91.50	182.00	7559.94	4175.28	-4085.30	-955.48	0.00	14254620.63	772922.51	N 39 12 44.64	W 108 3 44.78
	11000.00	91.50	182.00	7557.32	4274.78	-4185.21	-958.97	0.00	14254520.68	772919.02	N 39 12 43.65	W 108 3 44.78
	11100.00	91.50	182.00	7554.70	4374.28	-4285.11	-962.46	0.00	14254420.73	772915.53	N 39 12 42.67	W 108 3 44.78
	11200.00	91.50	182.00	7552.08	4473.78	-4385.02	-965.95	0.00	14254320.78	772912.04	N 39 12 41.68	W 108 3 44.78
	11300.00	91.50	182.00	7549.47	4573.28	-4484.92	-969.44	0.00	14254220.83	772908.55	N 39 12 40.69	W 108 3 44.78
	11400.00	91.50	182.00	7546.85	4672.78	-4584.83	-972.92	0.00	14254120.88	772905.06	N 39 12 39.70	W 108 3 44.78
	11500.00	91.50	182.00	7544.23	4772.28	-4684.73	-976.41	0.00	14254020.93	772901.57	N 39 12 38.71	W 108 3 44.79
	11600.00	91.50	182.00	7541.61	4871.78	-4784.63	-979.90	0.00	14253920.98	772898.08	N 39 12 37.73	W 108 3 44.79
	11700.00	91.50	182.00	7539.00	4971.28	-4884.54	-983.39	0.00	14253821.03	772894.59	N 39 12 36.74	W 108 3 44.79
	11800.00	91.50	182.00	7536.38	5070.78	-4984.44	-986.88	0.00	14253721.08	772891.10	N 39 12 35.75	W 108 3 44.79
	11900.00	91.50	182.00	7533.76	5170.28	-5084.35	-990.37	0.00	14253621.12	772887.61	N 39 12 34.76	W 108 3 44.79
	12000.00	91.50	182.00	7531.14	5269.79	-5184.25	-993.86	0.00	14253521.17	772884.12	N 39 12 33.77	W 108 3 44.79
	12100.00	91.50	182.00	7528.52	5369.29	-5284.16	-997.35	0.00	14253421.22	772880.63	N 39 12 32.79	W 108 3 44.79
	12200.00	91.50	182.00	7525.91	5468.79	-5384.06	-1000.83	0.00	14253321.27	772877.14	N 39 12 31.80	W 108 3 44.80
	12300.00	91.50	182.00	7523.29	5568.29	-5483.97	-1004.32	0.00	14253221.32	772873.65	N 39 12 30.81	W 108 3 44.80
	12400.00	91.50	182.00	7520.67	5667.79	-5583.87	-1007.81	0.00	14253121.37	772870.16	N 39 12 29.82	W 108 3 44.80
	12500.00	91.50	182.00	7518.05	5767.29	-5683.78	-1011.30	0.00	14253021.42	772866.67	N 39 12 28.83	W 108 3 44.80
	12600.00	91.50	182.00	7515.44	5866.79	-5783.68	-1014.79	0.00	14252921.47	772863.18	N 39 12 27.85	W 108 3 44.80
	12700.00	91.50	182.00	7512.82	5966.29	-5883.59	-1018.28	0.00	14252821.52	772859.69	N 39 12 26.86	W 108 3 44.80
	12800.00	91.50	182.00	7510.20	6065.79	-5983.49	-1021.77	0.00	14252721.57	772856.20	N 39 12 25.87	W 108 3 44.80
	12900.00	91.50	182.00	7507.58	6165.29	-6083.40	-1025.26	0.00	14252621.62	772852.70	N 39 12 24.88	W 108 3 44.81
	13000.00	91.50	182.00	7504.97	6264.79	-6183.30	-1028.74	0.00	14252521.67	772849.21	N 39 12 23.89	W 108 3 44.81
	13100.00	91.50	182.00	7502.35	6364.29	-6283.21	-1032.23	0.00	14252421.72	772845.72	N 39 12 22.91	W 108 3 44.81
	13200.00	91.50	182.00	7499.73	6463.79	-6383.11	-1035.72	0.00	14252321.77	772842.23	N 39 12 21.92	W 108 3 44.81
	13300.00	91.50	182.00	7497.11	6563.29	-6483.02	-1039.21	0.00	14252221.82	772838.74	N 39 12 20.93	W 108 3 44.81
	13400.00	91.50	182.00	7494								