



Job Number: DMLCO-08-08053
 Company: DELTA PETROLEUM CORP
 Lease/Well: NVEGA 22-121 ST#1 (COMBINED)
 Location: PICEANCE BASIN
 Rig Name: DHS 15
 RKB: 0.00 Ft
 Vertical Datum: MSL

State/Country:
 Declination: 10.54°E
 Grid: -1.43;US State Plane 1983
 Project name: NVEGA PAD 2A-Project
 Date/Time: 16-Sep-08 / 09:59
 Well Name: NVEGA 22-121 ST DEFINITIVE Surveys (09-15-08)
 North Reference: True North
 Convergence: -1.4292°

EXCEL Directional Technologies LLC

WinSURV3D SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 38.82°
Vertical Section Referenced to Wellhead
Local Coordinates Referenced to Structure Reference :
EW=2358420.14 Ft, NS=1527848.45 Ft
Direction referenced to True North

Measured Depth Ft	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	L O C A L S		Grid Y Ft	Grid X Ft	Vertical Section Ft	C L O S U R E		Dogleg Severity Deg/100
				N-S Ft	E-W Ft				Distance Ft	Direction Deg	
0.00	0.00	0.00	0.00	0.00	0.00	1527848.45	2358420.14	0.00	0.00	0.00	0.00
103.00	0.30	178.40	103.00	-0.27	0.01	1527848.18	2358420.14	-0.21	0.27	178.40	0.29
194.00	0.50	157.30	194.00	-0.87	0.17	1527847.57	2358420.29	-0.58	0.89	169.16	0.27
224.00	0.50	88.60	224.00	-0.99	0.35	1527847.45	2358420.46	-0.55	1.05	160.62	1.88
254.00	0.80	61.10	253.99	-0.89	0.66	1527847.55	2358420.78	-0.28	1.11	143.23	1.42
285.00	0.80	49.60	284.99	-0.64	1.02	1527847.78	2358421.14	0.14	1.20	122.27	0.52
315.00	1.10	44.50	314.99	-0.30	1.38	1527848.11	2358421.51	0.63	1.41	102.32	1.04
346.00	0.80	51.70	345.98	0.05	1.76	1527848.45	2358421.90	1.14	1.76	88.53	1.04
376.00	1.10	18.10	375.98	0.45	2.01	1527848.85	2358422.16	1.61	2.06	77.42	2.07
406.00	2.00	39.80	405.97	1.12	2.44	1527849.51	2358422.60	2.40	2.68	65.21	3.53
436.00	3.00	44.10	435.94	2.09	3.32	1527850.46	2358423.51	3.71	3.92	57.78	3.39
468.00	4.30	41.20	467.87	3.59	4.69	1527851.93	2358424.92	5.74	5.91	52.53	4.10
502.00	5.50	38.50	501.75	5.83	6.54	1527854.11	2358426.83	8.64	8.76	48.31	3.59
532.00	6.30	40.40	531.59	8.21	8.51	1527856.44	2358428.85	11.73	11.82	46.02	2.74
564.00	6.30	38.90	563.40	10.91	10.75	1527859.09	2358431.15	15.24	15.31	44.56	0.51

Measured Depth Ft	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	L O C A L S		Grid Y Ft	Grid X Ft	Vertical Section Ft	C L O S U R E		Dogleg Severity Deg/100
				N-S Ft	E-W Ft				Distance Ft	Direction Deg	
595.00	6.50	36.10	594.20	13.65	12.85	1527861.78	2358433.32	18.69	18.75	43.26	1.20
627.00	7.30	38.10	625.97	16.72	15.17	1527864.78	2358435.72	22.53	22.57	42.22	2.61
659.00	8.40	38.30	657.67	20.15	17.87	1527868.15	2358438.51	26.90	26.93	41.57	3.44
690.00	9.30	38.40	688.30	23.89	20.83	1527871.81	2358441.56	31.67	31.70	41.09	2.90
722.00	9.80	39.00	719.86	28.03	24.15	1527875.87	2358444.98	36.98	37.00	40.75	1.59
754.00	10.10	38.40	751.38	32.35	27.61	1527880.10	2358448.55	42.51	42.53	40.48	0.99
786.00	10.90	37.70	782.84	36.94	31.20	1527884.60	2358452.25	48.34	48.36	40.19	2.53
816.00	12.00	38.50	812.24	41.63	34.88	1527889.19	2358456.05	54.30	54.31	39.96	3.70
847.00	12.90	38.50	842.51	46.86	39.04	1527894.32	2358460.34	60.98	60.99	39.80	2.90
879.00	13.80	39.00	873.65	52.62	43.66	1527899.96	2358465.10	68.37	68.38	39.69	2.84
910.00	14.90	39.00	903.68	58.59	48.50	1527905.81	2358470.09	76.05	76.06	39.62	3.55
941.00	15.80	38.90	933.57	64.97	53.66	1527912.06	2358475.40	84.26	84.26	39.55	2.90
973.00	17.20	37.80	964.26	72.10	59.29	1527919.05	2358481.21	93.34	93.35	39.43	4.48
1005.00	17.60	37.60	994.79	79.67	65.15	1527926.47	2358487.25	102.91	102.92	39.27	1.26
1037.00	18.80	36.60	1025.19	87.64	71.17	1527934.29	2358493.48	112.90	112.90	39.08	3.87
1068.00	19.40	37.70	1054.48	95.73	77.30	1527942.22	2358499.80	123.04	123.04	38.92	2.26
1099.00	20.10	38.20	1083.66	103.99	83.74	1527950.32	2358506.45	133.51	133.51	38.84	2.32
1131.00	21.10	38.90	1113.61	112.79	90.76	1527958.94	2358513.68	144.77	144.77	38.82	3.22
1163.00	21.80	38.50	1143.40	121.93	98.07	1527967.89	2358521.23	156.47	156.47	38.81	2.23
1194.00	21.90	38.10	1172.17	130.98	105.23	1527976.76	2358528.60	168.01	168.01	38.78	0.58
1226.00	22.10	37.70	1201.84	140.44	112.59	1527986.04	2358536.20	180.00	180.00	38.72	0.78
1257.00	22.60	37.50	1230.51	149.78	119.78	1527995.19	2358543.62	191.78	191.78	38.65	1.63
1289.00	22.50	37.50	1260.06	159.51	127.25	1528004.74	2358551.33	204.05	204.05	38.58	0.31
1320.00	22.10	38.10	1288.75	168.81	134.46	1528013.85	2358558.77	215.81	215.82	38.54	1.48
1351.00	21.90	39.00	1317.49	177.89	141.70	1528022.75	2358566.23	227.43	227.43	38.54	1.26
1383.00	21.70	39.10	1347.20	187.12	149.18	1528031.79	2358573.94	239.31	239.31	38.56	0.64
1414.00	21.90	39.00	1375.98	196.06	156.44	1528040.55	2358581.42	250.82	250.82	38.59	0.66
1447.00	22.20	38.90	1406.57	205.70	164.22	1528049.99	2358589.44	263.21	263.21	38.60	0.92
1478.00	22.50	38.60	1435.24	214.89	171.60	1528058.99	2358597.05	275.00	275.00	38.61	1.04
1510.00	23.10	38.80	1464.74	224.57	179.36	1528068.47	2358605.04	287.40	287.40	38.61	1.89
1542.00	22.90	38.10	1494.20	234.36	187.13	1528078.07	2358613.06	299.90	299.90	38.61	1.06
1573.00	22.80	38.50	1522.76	243.81	194.59	1528087.33	2358620.75	311.94	311.94	38.60	0.60
1605.00	22.90	38.20	1552.25	253.55	202.30	1528096.88	2358628.70	324.36	324.37	38.59	0.48
1636.00	23.00	38.20	1580.80	263.05	209.78	1528106.19	2358636.41	336.45	336.45	38.57	0.32
1665.00	23.20	38.00	1607.47	272.00	216.80	1528114.96	2358643.65	347.83	347.83	38.56	0.74
1697.00	23.20	37.50	1636.89	281.97	224.52	1528124.73	2358651.62	360.43	360.44	38.53	0.62

Measured Depth Ft	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	L O C A L S		Grid Y Ft	Grid X Ft	Vertical Section Ft	C L O S U R E		Dogleg Severity Deg/100
				N-S Ft	E-W Ft				Distance Ft	Direction Deg	
1729.00	23.40	37.30	1666.28	292.03	232.20	1528134.59	2358659.55	373.09	373.09	38.49	0.67
1761.00	22.80	37.50	1695.71	302.00	239.83	1528144.37	2358667.43	385.64	385.64	38.45	1.89
1792.00	22.80	38.10	1724.29	311.49	247.19	1528153.68	2358675.02	397.65	397.66	38.43	0.75
1824.00	22.20	37.90	1753.85	321.14	254.73	1528163.14	2358682.80	409.89	409.90	38.42	1.89
1855.00	22.20	38.90	1782.55	330.32	262.01	1528172.13	2358690.30	421.60	421.61	38.42	1.22
1887.00	22.20	38.70	1812.18	339.74	269.58	1528181.36	2358698.11	433.70	433.71	38.43	0.24
1919.00	22.60	38.90	1841.77	349.25	277.22	1528190.67	2358705.99	445.89	445.90	38.44	1.27
1951.00	23.20	39.00	1871.25	358.93	285.05	1528200.16	2358714.05	458.34	458.35	38.46	1.88
1982.00	22.80	39.00	1899.78	368.34	292.67	1528209.38	2358721.91	470.45	470.46	38.47	1.29
2013.00	22.60	39.00	1928.38	377.64	300.20	1528218.49	2358729.67	482.42	482.43	38.48	0.65
2045.00	22.50	40.00	1957.93	387.11	308.01	1528227.76	2358737.71	494.69	494.69	38.51	1.24
2077.00	22.50	40.40	1987.50	396.46	315.91	1528236.91	2358745.84	506.93	506.94	38.55	0.48
2108.00	22.50	40.80	2016.14	405.47	323.63	1528245.72	2358753.78	518.79	518.79	38.60	0.49
2139.00	22.70	40.60	2044.76	414.50	331.40	1528254.56	2358761.78	530.69	530.70	38.64	0.69
2169.00	22.50	40.00	2072.45	423.29	338.86	1528263.16	2358769.45	542.22	542.22	38.68	1.02
2180.00	22.80	40.20	2082.61	426.53	341.59	1528266.33	2358772.26	546.45	546.45	38.69	2.82
2319.00	22.40	40.50	2210.93	467.24	376.17	1528306.17	2358807.85	599.85	599.85	38.84	0.30
2413.00	22.00	40.50	2297.96	494.25	399.24	1528332.59	2358831.58	635.35	635.35	38.93	0.43
2509.00	21.40	39.20	2387.16	521.50	421.98	1528359.26	2358855.00	670.84	670.84	38.98	0.80
2604.00	21.30	40.10	2475.64	548.13	444.05	1528385.33	2358877.73	705.42	705.43	39.01	0.36
2699.00	20.40	40.60	2564.42	573.90	465.94	1528410.55	2358900.25	739.22	739.23	39.07	0.97
2794.00	22.90	38.80	2652.71	600.88	488.30	1528436.96	2358923.28	774.26	774.27	39.10	2.72
2889.00	22.00	38.60	2740.51	629.19	510.99	1528464.70	2358946.66	810.54	810.55	39.08	0.95
2984.00	22.00	39.00	2828.59	656.92	533.28	1528491.87	2358969.64	846.13	846.13	39.07	0.16
3078.00	20.80	40.50	2916.11	683.30	555.21	1528517.69	2358992.22	880.42	880.43	39.10	1.40
3173.00	22.20	39.70	3004.50	709.94	577.63	1528543.76	2359015.29	915.22	915.24	39.13	1.51
3268.00	21.90	39.50	3092.55	737.42	600.36	1528570.66	2359038.71	950.89	950.90	39.15	0.33
3362.00	21.30	38.90	3179.95	764.23	622.23	1528596.92	2359061.24	985.49	985.50	39.15	0.68
3457.00	20.70	39.40	3268.64	790.63	643.72	1528622.78	2359083.38	1019.53	1019.55	39.15	0.66
3552.00	22.90	39.10	3356.84	817.95	666.04	1528649.54	2359106.37	1054.81	1054.83	39.16	2.32
3646.00	21.90	38.60	3443.75	845.85	688.51	1528676.86	2359129.54	1090.63	1090.65	39.15	1.08
3741.00	21.50	38.40	3532.01	873.34	710.38	1528703.80	2359152.08	1125.75	1125.77	39.13	0.43
3835.00	20.80	37.90	3619.68	900.01	731.33	1528729.94	2359173.69	1159.67	1159.68	39.10	0.77
3931.00	22.70	37.50	3708.84	928.16	753.08	1528757.53	2359196.14	1195.23	1195.24	39.05	1.99
4027.00	22.00	36.70	3797.63	957.27	775.10	1528786.09	2359218.88	1231.72	1231.73	39.00	0.80
4120.00	21.00	35.00	3884.16	984.89	795.07	1528813.20	2359239.53	1265.75	1265.76	38.91	1.27

Measured Depth Ft	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	L O C A L S		Grid Y Ft	Grid X Ft	Vertical Section Ft	C L O S U R E		Dogleg Severity Deg/100
				N-S Ft	E-W Ft				Distance Ft	Direction Deg	
4215.00	21.80	34.40	3972.61	1013.39	814.80	1528841.20	2359259.96	1300.33	1300.33	38.80	0.87
4310.00	22.20	40.10	4060.70	1041.67	836.33	1528868.94	2359282.19	1335.86	1335.86	38.76	2.29
4404.00	21.90	39.70	4147.83	1068.74	858.97	1528895.44	2359305.50	1371.14	1371.15	38.79	0.36
4499.00	21.10	38.40	4236.22	1095.78	880.91	1528921.91	2359328.10	1405.96	1405.96	38.80	0.98
TIE-IN; ST KOP											
4595.00	20.40	39.70	4325.99	1122.19	902.33	1528947.79	2359350.18	1439.97	1439.97	38.80	0.87
4691.00	21.70	37.30	4415.58	1149.19	923.77	1528974.24	2359372.29	1474.44	1474.44	38.79	1.62
4723.00	21.20	38.70	4445.37	1158.41	930.97	1528983.28	2359379.72	1486.14	1486.14	38.79	2.24
4754.00	18.70	39.70	4474.50	1166.61	937.65	1528991.31	2359386.60	1496.72	1496.72	38.79	8.14
4786.00	16.70	40.40	4504.99	1174.06	943.91	1528998.60	2359393.04	1506.44	1506.44	38.80	6.29
4817.00	15.90	44.00	4534.74	1180.50	949.75	1529004.90	2359399.04	1515.13	1515.13	38.82	4.16
4850.00	15.60	44.20	4566.50	1186.94	955.98	1529011.17	2359405.43	1524.05	1524.05	38.85	0.92
4881.00	16.30	43.60	4596.31	1193.07	961.89	1529017.16	2359411.49	1532.53	1532.53	38.88	2.32
4913.00	17.60	43.00	4626.92	1199.86	968.28	1529023.79	2359418.05	1541.83	1541.83	38.90	4.10
4945.00	18.20	40.20	4657.37	1207.22	974.81	1529030.98	2359424.76	1551.65	1551.66	38.92	3.28
4977.00	18.50	38.40	4687.74	1215.02	981.19	1529038.61	2359431.33	1561.73	1561.73	38.92	2.00
5008.00	19.50	38.50	4717.05	1222.92	987.47	1529046.36	2359437.80	1571.82	1571.82	38.92	3.23
5039.00	19.80	38.80	4746.25	1231.06	993.98	1529054.34	2359444.51	1582.24	1582.24	38.92	1.02
5071.00	20.30	40.60	4776.31	1239.50	1000.98	1529062.60	2359451.73	1593.21	1593.21	38.92	2.48
5103.00	20.00	43.50	4806.35	1247.68	1008.36	1529070.59	2359459.31	1604.21	1604.22	38.94	3.26
5134.00	19.70	41.40	4835.51	1255.45	1015.47	1529078.18	2359466.61	1614.72	1614.72	38.97	2.50
5166.00	19.40	40.70	4865.66	1263.52	1022.50	1529086.08	2359473.84	1625.42	1625.42	38.98	1.19
5198.00	19.30	40.60	4895.86	1271.57	1029.41	1529093.95	2359480.94	1636.01	1636.02	38.99	0.33
5229.00	19.00	41.20	4925.14	1279.25	1036.07	1529101.46	2359487.79	1646.18	1646.18	39.00	1.16
5260.00	18.90	40.60	4954.46	1286.86	1042.66	1529108.91	2359494.57	1656.24	1656.25	39.02	0.71
5292.00	18.80	40.40	4984.74	1294.73	1049.37	1529116.60	2359501.48	1666.57	1666.58	39.02	0.37
5324.00	18.70	40.90	5015.05	1302.53	1056.07	1529124.23	2359508.37	1676.85	1676.86	39.03	0.59
5356.00	18.80	40.60	5045.35	1310.32	1062.79	1529131.86	2359515.28	1687.13	1687.15	39.05	0.43
5387.00	18.60	40.50	5074.71	1317.87	1069.25	1529139.24	2359521.93	1697.07	1697.08	39.05	0.65
5419.00	17.80	41.20	5105.11	1325.43	1075.78	1529146.64	2359528.65	1707.05	1707.07	39.06	2.59
5450.00	17.60	41.50	5134.64	1332.51	1082.01	1529153.56	2359535.05	1716.47	1716.49	39.08	0.71
5482.00	17.70	41.00	5165.14	1339.80	1088.41	1529160.69	2359541.63	1726.16	1726.18	39.09	0.57
5513.00	17.30	41.10	5194.70	1346.83	1094.53	1529167.57	2359547.92	1735.48	1735.50	39.10	1.29
5544.00	16.90	40.70	5224.33	1353.72	1100.50	1529174.30	2359554.06	1744.59	1744.61	39.11	1.34
5576.00	16.60	40.50	5254.97	1360.73	1106.50	1529181.15	2359560.24	1753.81	1753.83	39.12	0.95
5608.00	16.40	40.50	5285.66	1367.64	1112.40	1529187.92	2359566.31	1762.89	1762.92	39.12	0.62

Measured Depth Ft	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	L O C A L S		Grid Y Ft	Grid X Ft	Vertical Section Ft	C L O S U R E		Dogleg Severity Deg/100
				N-S Ft	E-W Ft				Distance Ft	Direction Deg	
5639.00	15.70	40.80	5315.45	1374.14	1117.99	1529194.28	2359572.05	1771.46	1771.48	39.13	2.27
5671.00	15.20	40.50	5346.29	1380.61	1123.54	1529200.60	2359577.77	1779.98	1780.00	39.14	1.58
5703.00	15.30	40.80	5377.16	1386.99	1129.02	1529206.85	2359583.41	1788.39	1788.42	39.15	0.40
5734.00	15.00	40.30	5407.09	1393.15	1134.29	1529212.87	2359588.82	1796.49	1796.52	39.15	1.06
5766.00	15.30	38.30	5437.97	1399.62	1139.58	1529219.21	2359594.28	1804.85	1804.88	39.15	1.88
5798.00	16.10	36.50	5468.78	1406.50	1144.84	1529225.96	2359599.71	1813.50	1813.53	39.14	2.93
5829.00	17.10	33.60	5498.49	1413.75	1149.92	1529233.08	2359604.96	1822.34	1822.36	39.12	4.19
5860.00	17.70	33.60	5528.07	1421.47	1155.05	1529240.67	2359610.29	1831.57	1831.59	39.10	1.94
5891.00	17.40	33.60	5557.63	1429.26	1160.22	1529248.33	2359615.65	1840.88	1840.90	39.07	0.97
5922.00	17.00	33.20	5587.24	1436.91	1165.27	1529255.85	2359620.89	1850.01	1850.02	39.04	1.35
5956.00	16.50	32.90	5619.80	1445.13	1170.61	1529263.93	2359626.43	1859.75	1859.76	39.01	1.49
5986.00	16.00	32.80	5648.60	1452.18	1175.17	1529270.86	2359631.16	1868.10	1868.11	38.98	1.67
6017.00	16.40	32.80	5678.37	1459.45	1179.85	1529278.02	2359636.03	1876.70	1876.71	38.95	1.29
6049.00	16.30	33.70	5709.07	1466.98	1184.79	1529285.42	2359641.15	1885.67	1885.67	38.93	0.85
6080.00	16.20	36.00	5738.84	1474.10	1189.75	1529292.42	2359646.28	1894.32	1894.32	38.91	2.10
6112.00	15.60	36.60	5769.61	1481.16	1194.94	1529299.35	2359651.65	1903.08	1903.08	38.90	1.94
6144.00	14.50	38.10	5800.51	1487.77	1199.97	1529305.83	2359656.85	1911.39	1911.39	38.89	3.65
6176.00	13.80	37.80	5831.54	1493.94	1204.78	1529311.88	2359661.81	1919.21	1919.21	38.88	2.20
6207.00	13.40	38.10	5861.67	1499.69	1209.27	1529317.51	2359666.44	1926.50	1926.50	38.88	1.31
6239.00	12.90	38.20	5892.83	1505.41	1213.76	1529323.12	2359671.07	1933.78	1933.78	38.88	1.56
6271.00	12.40	37.50	5924.06	1510.95	1218.06	1529328.54	2359675.51	1940.78	1940.78	38.87	1.63
6303.00	11.60	36.90	5955.36	1516.24	1222.09	1529333.74	2359679.67	1947.43	1947.43	38.87	2.53
6334.00	10.70	38.30	5985.77	1521.00	1225.74	1529338.40	2359683.44	1953.43	1953.43	38.86	3.03
6366.00	10.30	40.70	6017.24	1525.50	1229.45	1529342.81	2359687.26	1959.26	1959.26	38.87	1.85
6397.00	9.10	43.20	6047.79	1529.38	1232.94	1529346.61	2359690.84	1964.47	1964.47	38.87	4.10
6429.00	8.10	46.20	6079.43	1532.79	1236.29	1529349.93	2359694.28	1969.23	1969.23	38.89	3.42
6461.00	7.50	48.00	6111.14	1535.75	1239.47	1529352.80	2359697.53	1973.53	1973.53	38.91	2.02
6492.00	7.00	49.20	6141.89	1538.34	1242.41	1529355.32	2359700.53	1977.38	1977.39	38.93	1.69
6524.00	6.50	50.10	6173.67	1540.77	1245.27	1529357.68	2359703.46	1981.08	1981.08	38.95	1.60
6556.00	5.50	49.20	6205.49	1542.94	1247.82	1529359.78	2359706.06	1984.36	1984.37	38.96	3.14
6588.00	4.40	47.80	6237.37	1544.76	1249.89	1529361.56	2359708.17	1987.08	1987.09	38.98	3.46
6620.00	3.40	45.40	6269.30	1546.25	1251.48	1529363.01	2359709.80	1989.24	1989.25	38.99	3.17
6652.00	2.80	51.70	6301.25	1547.40	1252.77	1529364.13	2359711.11	1990.94	1990.95	38.99	2.15
6683.00	2.00	45.50	6332.22	1548.25	1253.75	1529364.95	2359712.11	1992.22	1992.23	39.00	2.71
6778.00	1.80	33.40	6427.17	1550.66	1255.75	1529367.31	2359714.18	1995.35	1995.36	39.00	0.47
6873.00	1.60	19.50	6522.13	1553.16	1257.02	1529369.77	2359715.50	1998.09	1998.09	38.98	0.48

Measured Depth Ft	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	L O C A L S		Grid Y Ft	Grid X Ft	Vertical Section Ft	C L O S U R E		Dogleg Severity Deg/100
				N-S Ft	E-W Ft				Distance Ft	Direction Deg	
6968.00	1.70	7.70	6617.09	1555.80	1257.65	1529372.40	2359716.20	2000.54	2000.55	38.95	0.37
7062.00	1.80	3.40	6711.05	1558.66	1257.92	1529375.25	2359716.55	2002.94	2002.94	38.91	0.18
7156.00	1.80	356.20	6805.00	1561.60	1257.91	1529378.19	2359716.61	2005.23	2005.23	38.85	0.24
7251.00	1.90	345.60	6899.95	1564.62	1257.42	1529381.22	2359716.19	2007.27	2007.27	38.79	0.37
7346.00	1.90	337.00	6994.90	1567.59	1256.41	1529384.22	2359715.26	2008.96	2008.96	38.71	0.30
7438.00	1.90	322.50	7086.85	1570.21	1254.89	1529386.87	2359713.80	2010.04	2010.05	38.63	0.52
7533.00	2.40	315.40	7181.78	1572.87	1252.53	1529389.59	2359711.52	2010.64	2010.66	38.53	0.60
7626.00	1.80	301.50	7274.72	1575.02	1249.92	1529391.81	2359708.96	2010.68	2010.72	38.44	0.84
7721.00	2.00	288.90	7369.67	1576.34	1247.08	1529393.19	2359706.15	2009.92	2009.99	38.35	0.49
7816.00	2.00	279.80	7464.61	1577.16	1243.88	1529394.09	2359702.97	2008.55	2008.65	38.26	0.33
7910.00	2.20	305.90	7558.55	1578.50	1240.80	1529395.51	2359699.93	2007.66	2007.79	38.17	1.03
8005.00	1.80	291.90	7653.49	1580.12	1237.94	1529397.20	2359697.11	2007.14	2007.31	38.08	0.66
8099.00	1.40	286.30	7747.45	1580.99	1235.47	1529398.14	2359694.66	2006.27	2006.47	38.01	0.46
8194.00	1.30	289.80	7842.43	1581.68	1233.34	1529398.88	2359692.55	2005.47	2005.71	37.95	0.14
8290.00	1.50	290.10	7938.40	1582.49	1231.14	1529399.74	2359690.36	2004.71	2004.98	37.88	0.21
8385.00	1.10	303.70	8033.38	1583.42	1229.21	1529400.72	2359688.46	2004.23	2004.54	37.82	0.53
8480.00	1.10	307.40	8128.36	1584.48	1227.73	1529401.81	2359687.00	2004.13	2004.47	37.77	0.07
Proj to TD @ 8178 Ft TVD											
8530.00	1.10	306.80	8178.35	1585.06	1226.96	1529402.41	2359686.25	2004.10	2004.45	37.74	0.02