	Measured Depth (ft)	Sub-Sea Incl. (ft)	Vertical Azim. (ft)	True Vert Depth (ft)	Northings (+) Southings (-) (ft)	Eastings (+) Westings (-) (ft)	Vertical Section (ft)	DSL deg/100' (deg)	FNL	FSL	FWL	FEL
SHL	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5077.00	200.00	660.00	4531.00
BHL	10470	87.20	354.11	4742.26	6023.71	-164.72	6025.90	0.00	-946.71	6223.71	495.28	4695.72
Miss Entry	4872	50.00	354.54	4715.83	463.74	-17.32	464.01	8.11	4613.26	663.74	642.68	4548.32
Top Perf	4928	56.06	355.22	4749.56	508.19	-21.36	508.54	11.73	4568.81	708.19	638.64	4552.36
Bottom Perf	10360	87.20	354.11	4742.26	6023.71	-164.72	6025.90	0.00	-946.71	6223.71	495.28	4695.72

Location Exception limits the completion interval to NCT 330' FSL of Sec 34 and no further than 990' FSL of Sec 27

	Measured Depth (ft)	Sub-Sea Incl. (ft)	Vertical Azim. (ft)	True Vert Depth (ft)	Northings (+) Southings (-) (ft)	Eastings (+) Westings (-) (ft)	Vertical Section (ft)	DSL deg/100' (deg)	FNL	FSL	FWL	FEL
	0	0.0	0	0	0	0	0	0	5077.00	200.00	660.00	4531.00
	251	0.26	359.80	251.00	0.57	0.00	0.57	0.10	5076.43	200.57	660.00	4531.00
	520	0.11	359.80	520.00	1.44	-0.01	1.44	0.06	5075.56	201.44	659.99	4531.01
	766	0.62	359.80	765.99	3.01	-0.01	3.00	0.21	5073.99	203.01	659.99	4531.01
	829	0.36	57.45	828.99	3.45	0.16	3.45	0.83	5073.55	203.45	660.16	4530.84
	891	0.46	58.03	890.99	3.69	0.53	3.68	0.16	5073.31	203.69	660.53	4530.47
	1175	0.26	317.09	1174.98	4.76	1.06	4.74	0.20	5072.24	204.76	661.06	4529.94
	1460	0.39	235.62	1459.98	4.69	-0.18	4.69	0.15	5072.31	204.69	659.82	4531.18
	1936	0.04	227.78	1935.98	3.66	-1.64	3.70	0.07	5073.34	203.66	658.36	4532.64
	2410	0.34	165.70	2409.97	2.19	-1.42	2.22	0.07	5074.81	202.19	658.58	4532.42
	2885	0.61	90.31	2884.96	0.81	1.46	0.78	0.13	5076.19	200.81	661.46	4529.54
	3361	1.67	75.69	3360.86	2.51	10.71	2.27	0.23	5074.49	202.51	670.71	4520.29
	3836	0.61	160.16	3835.78	1.84	18.28	1.43	0.36	5075.16	201.84	678.28	4512.72
	3872	0.62	168.61	3871.78	1.47	18.38	1.06	0.25	5075.53	201.47	678.38	4512.62
	3903	0.68	285.30	3902.78	1.36	18.24	0.94	3.57	5075.64	201.36	678.24	4512.76
	3935	2.87	322.74	3934.76	2.04	17.57	1.65	7.40	5074.96	202.04	677.57	4513.43
	3967	5.59	337.22	3966.67	4.12	16.48	3.75	9.07	5072.88	204.12	676.48	4514.52
	3998	7.89	341.64	3997.46	7.53	15.23	7.19	7.60	5069.47	207.53	675.23	4515.77
	4030	9.75	340.78	4029.08	12.17	13.64	11.86	5.83	5064.83	212.17	673.64	4517.36
	4062	11.79	341.32	4060.51	17.83	11.70	17.56	6.38	5059.17	217.83	671.70	4519.30
	4093	13.65	343.82	4090.75	24.34	9.67	24.12	6.26	5052.66	224.34	669.67	4521.33
	4125	15.42	345.15	4121.72	32.08	7.53	31.91	5.63	5044.92	232.08	667.53	4523.47
	4157	17.50	346.57	4152.41	40.88	5.32	40.75	6.62	5036.12	240.88	665.32	4525.68
	4188	20.18	349.04	4181.75	50.66	3.22	50.58	9.02	5026.34	250.66	663.22	4527.78
	4220	22.20	353.61	4211.59	62.09	1.50	62.04	8.15	5014.91	262.09	661.50	4529.50
	4252	24.58	359.61	4240.96	74.76	0.78	74.72	10.51	5002.24	274.76	660.78	4530.22
	4283	26.79	0.55	4268.89	88.19	0.80	88.15	7.25	4988.81	288.19	660.80	4530.20
	4315	27.87	358.49	4297.32	102.88	0.67	102.84	4.49	4974.12	302.88	660.67	4530.33
	4346	29.44	357.22	4324.52	117.73	0.11	117.70	5.43	4959.27	317.73	660.11	4530.89
	4378	30.72	358.52	4352.21	133.76	-0.48	133.74	4.49	4943.24	333.76	659.52	4531.48
	4410	32.07	359.03	4379.53	150.43	-0.83	150.41	4.30	4926.57	350.43	659.17	4531.83
	4442	33.39	358.56	4406.45	167.72	-1.20	167.71	4.20	4909.28	367.72	658.80	4532.20
	4473	35.07	357.84	4432.08	185.15	-1.75	185.15	5.57	4891.85	385.15	658.25	4532.75
	4505	37.26	358.63	4457.91	204.03	-2.33	204.03	7.00	4872.97	404.03	657.67	4533.33
	4537	39.37	358.47	4483.02	223.86	-2.83	223.87	6.60	4853.14	423.86	657.17	4533.83
	4568	41.14	358.53	4506.67	243.88	-3.35	243.90	5.71	4833.12	443.88	656.65	4534.35
top of tangent	4600	43.38	358.83	4530.36	265.40	-3.85	265.41	7.03	4811.60	465.40	656.15	4534.85
4690'	4632	46.33	358.49	4553.04	287.96	-4.38	287.98	9.25	4789.04	487.96	655.62	4535.38
	4663	46.94	358.07	4574.32	310.48	-5.05	310.52	2.20	4766.52	510.48	654.95	4536.05
	4695	47.65	356.76	4596.03	333.97	-6.12	334.03	3.74	4743.03	533.97	653.88	4537.12
	4727	47.93	355.86	4617.53	357.63	-7.64	357.71	2.26	4719.37	557.63	652.36	4538.64
	4758	47.10	355.27	4638.46	380.42	-9.41	380.53	3.02	4696.58	580.42	650.59	4540.41
btm of tangent	4790	46.46	354.46	4660.38	403.64	-11.50	403.80	2.72	4673.36	603.64	648.50	4542.50
4826'	4821	46.05	354.23	4681.81	425.93	-13.70	426.13	1.43	4651.07	625.93	646.30	4544.70
	4853	48.37	354.79	4703.55	449.30	-15.95	449.55	7.36	4627.70	649.30	644.05	4546.95
	4885	51.11	354.37	4724.23	473.61	-18.26	473.90	8.62	4603.39	673.61	641.74	4549.26
	4916	54.59	354.99	4742.95	498.21	-20.54	498.55	11.34	4578.79	698.21	639.46	4551.54
	4948	58.52	355.59	4760.58	524.82	-22.73	525.20	12.38	4552.18	724.82	637.27	4553.73
	4980	61.95	356.86	4776.46	552.53	-24.55	552.94	11.26	4524.47	752.53	635.45	4555.55
	5012	64.77	357.84	4790.81	581.10	-25.87	581.53	9.23	4495.90	781.10	634.13	4556.87
	5043	68.19	359.06	4803.18	609.51	-26.64	609.95	11.61	4467.49	809.51	633.36	4557.64
	5075	71.28	358.89	4814.26	639.52	-27.18	639.97	9.67	4437.48	839.52	632.82	4558.18
	5107	74.70	358.81	4823.62	670.11	-27.79	670.56	10.69	4406.89	870.11	632.21	4558.79
	5138	78.27	358.98	4830.87	700.24	-28.37	700.70	11.53	4376.76	900.24	631.63	4559.37
	5170	80.23	359.19	4836.83	731.67	-28.87	732.14	6.16	4345.33	931.67	631.13	4559.87
	5202	83.01	359.53	4841.50	763.32	-29.23	763.79	8.75	4313.68	963.32	630.77	4560.23
	5258	86.30	359.54	4846.71	819.07	-29.68	819.53	5.88	4257.93	1019.07	630.32	4560.68
	5290	86.34	358.69	4848.77	851.00	-30.17	851.47	2.65	4226.00	1051.00	629.83	4561.17
	5322	87.72	357.90	4850.42	882.94	-31.12	883.42	4.97	4194.06	1082.94	628.88	4562.12
	5353	89.51	358.18	4851.17	913.92	-32.18	914.41	5.84	4163.08	1113.92	627.82	4563.18
	5385	90.98	358.28	4851.04	945.90	-33.17	946.41	4.60	4131.10	1145.90	626.83	4564.17
	5417	91.08	358.02	4850.46	977.88	-34.20	978.40	0.87	4099.12	1177.88	625.80	4565.20
	5448	91.11	357.99	4849.87	1008.85	-35.28	1009.39	0.14	4068.15	1208.85	624.72	4566.28
	5480	92.59	357.23	4848.84	1040.81	-36.62	1041.37	5.20	4036.19	1240.81	623.38	4567.62
	5512	92.65	357.29	4847.37	1072.74	-38.14	1073.32	0.27	4004.26	1272.74	621.86	4569.14
	5543	92.19	356.97	4846.06	1103.67	-39.70	1104.28	1.81	3973.33	1303.67	620.30	4570.70
	5575	92.37	357.84	4844.79	1135.61	-41.14	1136.25	2.77	3941.39	1335.61	618.86	4572.14

5607	92.98	359.17	4843.30	1167.57	-41.98	1168.21	4.57	3909.43	1367.57	618.02	4572.98
5638	93.12	358.81	4841.65	1198.52	-42.52	1199.17	1.24	3878.48	1398.52	617.48	4573.52
5670	92.99	358.55	4839.94	1230.46	-43.26	1231.13	0.91	3846.54	1430.46	616.74	4574.26
5765	92.25	357.06	4835.60	1325.29	-46.89	1326.01	1.75	3751.71	1525.29	613.11	4577.89
5860	90.86	355.86	4833.02	1420.07	-52.76	1420.90	1.93	3656.93	1620.07	607.24	4583.76
5955	90.65	355.41	4831.77	1514.79	-59.99	1515.75	0.52	3562.21	1714.79	600.01	4590.99
6050	91.88	354.87	4829.67	1609.42	-68.03	1610.54	1.41	3467.58	1809.42	591.97	4599.03
6145	93.03	356.29	4825.60	1704.05	-75.35	1705.31	1.92	3372.95	1904.05	584.65	4606.35
6240	94.36	358.39	4819.48	1798.74	-79.75	1800.08	2.61	3278.26	1998.74	580.25	4610.75
6335	94.63	358.50	4812.04	1893.41	-82.32	1894.79	0.31	3183.59	2093.41	577.68	4613.32
6430	94.43	359.78	4804.53	1988.10	-83.74	1989.48	1.36	3088.90	2188.10	576.26	4614.74
6525	95.23	359.82	4796.53	2082.76	-84.07	2084.13	0.84	2994.24	2282.76	575.93	4615.07
6621	92.43	0.99	4790.12	2178.53	-83.39	2179.86	3.16	2898.47	2378.53	576.61	4614.39
6716	92.10	0.56	4786.37	2273.45	-82.11	2274.73	0.57	2803.55	2473.45	577.89	4613.11
6811	91.90	0.00	4783.05	2368.39	-81.64	2369.63	0.63	2708.61	2568.39	578.36	4612.64
6906	93.40	0.42	4778.66	2463.29	-81.30	2464.49	1.64	2613.71	2663.29	578.70	4612.30
7001	92.50	359.81	4773.77	2558.16	-81.11	2559.34	1.14	2518.84	2758.16	578.89	4612.11
7113	93.80	1.03	4767.62	2669.98	-80.29	2671.11	1.59	2407.02	2869.98	579.71	4611.29
7208	91.80	2.06	4762.97	2764.83	-77.73	2765.88	2.37	2312.17	2964.83	582.27	4608.73
7303	90.70	2.44	4760.90	2859.73	-74.00	2860.67	1.23	2217.27	3059.73	586.00	4605.00
7398	89.66	0.01	4760.60	2954.70	-71.97	2955.57	2.78	2122.30	3154.70	588.03	4602.97
7493	88.98	358.89	4761.73	3049.69	-72.88	3050.56	1.38	2027.31	3249.69	587.12	4603.88
7588	90.34	357.83	4762.30	3144.64	-75.60	3145.55	1.82	1932.36	3344.64	584.40	4606.60
7684	89.75	358.86	4762.22	3240.60	-78.37	3241.54	1.24	1836.40	3440.60	581.63	4609.37
7779	89.78	358.22	4762.61	3335.57	-80.79	3336.54	0.67	1741.43	3535.57	579.21	4611.79
7874	90.31	358.89	4762.53	3430.54	-83.19	3431.54	0.90	1646.46	3630.54	576.81	4614.19
7969	89.20	357.44	4762.94	3525.48	-86.23	3526.53	1.92	1551.52	3725.48	573.77	4617.23
8064	90.92	357.53	4762.84	3620.39	-90.40	3621.51	1.81	1456.61	3820.39	569.60	4621.40
8159	90.06	356.40	4762.03	3715.25	-95.43	3716.46	1.49	1361.75	3915.25	564.57	4626.43
8254	91.29	358.69	4760.91	3810.15	-99.50	3811.42	2.74	1266.85	4010.15	560.50	4630.50
8349	90.52	358.39	4759.41	3905.10	-101.92	3906.41	0.87	1171.90	4105.10	558.08	4632.92
8444	91.11	359.03	4758.06	4000.07	-104.06	4001.40	0.92	1076.93	4200.07	555.94	4635.06
8539	89.48	358.41	4757.57	4095.04	-106.18	4096.39	1.84	981.96	4295.04	553.82	4637.18
8634	90.65	359.41	4757.46	4190.02	-107.99	4191.39	1.62	886.98	4390.02	552.01	4638.99
8729	91.35	359.07	4755.80	4285.00	-109.25	4286.37	0.82	792.00	4485.00	550.75	4640.25
8824	89.48	358.64	4755.12	4379.97	-111.14	4381.36	2.02	697.03	4579.97	548.86	4642.14
8919	89.48	359.19	4755.98	4474.95	-112.94	4476.36	0.58	602.05	4674.95	547.06	4643.94
9014	88.86	359.73	4757.35	4569.94	-113.84	4571.34	0.87	507.06	4769.94	546.16	4644.84
9109	90.60	358.93	4757.80	4664.92	-114.95	4666.33	2.02	412.08	4864.92	545.05	4645.95
9204	91.10	0.26	4756.39	4759.91	-115.62	4761.31	1.50	317.09	4959.91	544.38	4646.62
9299	93.10	359.95	4752.91	4854.84	-115.45	4856.21	2.13	222.16	5054.84	544.55	4646.45
9394	92.20	0.16	4748.52	4949.74	-115.35	4951.08	0.97	127.26	5149.74	544.65	4646.35
9489	91.60	359.66	4745.37	5044.68	-115.50	5046.01	0.82	32.32	5244.68	544.50	4646.50
9584	89.80	359.64	4744.21	5139.67	-116.08	5140.98	1.89	-62.67	5339.67	543.92	4647.08
9678	90.50	358.42	4743.96	5233.66	-117.68	5234.98	1.50	-156.66	5433.66	542.32	4648.68
9774	90.40	357.23	4743.21	5329.58	-121.32	5330.96	1.24	-252.58	5529.58	538.68	4652.32
9868	91.70	357.84	4741.49	5423.48	-125.36	5424.92	1.53	-346.48	5623.48	534.64	4656.36
9963	92.00	357.74	4738.42	5518.36	-129.02	5519.86	0.33	-441.36	5718.36	530.98	4660.02
10059	90.40	357.76	4736.41	5614.26	-132.79	5615.82	1.67	-537.26	5814.26	527.21	4663.79
10154	91.70	357.02	4734.67	5709.14	-137.12	5710.78	1.57	-632.14	5909.14	522.88	4668.12
10249	89.30	355.09	4733.84	5803.90	-143.65	5805.66	3.24	-726.90	6003.90	516.35	4674.65
10344	87.60	354.61	4736.41	5898.48	-152.17	5900.41	1.86	-821.48	6098.48	507.83	4683.17
10430	87.20	354.11	4740.31	5983.97	-160.62	5986.07	0.74	-906.97	6183.97	499.38	4691.62
10470	87.20	354.11	4742.26	6023.71	-164.72	6025.90	0.00	-946.71	6223.71	495.28	4695.72

Negative numbers highlighted in red indicate distance from south line of Sec 27-34S-8W