

17702-41128-70

Client: PETSEC ENERGY

Field: West Cam 543

Well Name: OCS-G 12802 # A7

Permanent datum MSL  
 Depth measured from DRILL FLOOR  
 Elevation of kelly bushing 137.50 FT  
 Elevation of drill floor 137.50 FT  
 Elevation of ground level -182.00 FT  
 Magnetic Declination 3.88 DEG  
 Grid Convergence -1.10 DEG  
 Total Correction 4.98 DEG

TIE IN POINT

Measured depth 967.00 FT Inclination 4.25 DEG  
 True vertical depth 966.64 FT Azimuth 354.00 DEG  
 N/S disp (-ve for S) 12.91 FT Azimuth from rotary table  
 E/W disp (-ve for W) -7.20 FT to the target 89.73 DEG



ds0057463

Minimum Curvature Method

MEASURED DEPTH	INTERVAL DEPTH	VERTICAL DEPTH	TARGET SECTION	STATION INCLN.	AZIMUTH DEG	LATITUDE N/-S	DEPARTURE E/-W	DISPLACEMENT	at AZIMUTH DEG	DLS D/HF
967.0	0.00	966.64	-7.14	4.25	354.0	12.91	-7.20	14.78	330.85	0.00
1064.0	97.00	1063.36	-6.95	4.50	8.0	20.25	-7.05	21.44	340.82	1.13
1159.0	95.00	1158.09	-4.64	4.25	30.0	26.99	-4.77	27.41	349.98	1.77
1253.0	94.00	1251.86	0.16	4.00	68.0	31.24	0.02	31.24	0.03	2.87
1347.0	94.00	1345.60	6.72	5.25	125.0	30.00	6.58	30.71	12.37	4.84
1441.0	94.00	1438.91	13.56	8.75	152.0	21.21	13.46	25.13	32.40	5.01
1535.0	94.00	1531.69	21.76	9.75	142.0	8.63	21.72	23.37	68.34	2.01
1628.0	93.00	1623.06	33.36	11.75	134.0	-4.16	33.38	33.64	97.10	2.68
1689.0	61.00	1682.57	42.85	13.60	135.1	-13.55	42.91	45.00	107.53	3.06
1753.0	64.00	1744.66	54.33	14.50	129.1	-23.94	54.45	59.47	113.73	2.67
1847.0	94.00	1835.65	73.44	14.60	122.1	-37.65	73.61	82.69	117.09	1.87
1942.0	95.00	1927.64	94.90	14.50	107.2	-47.54	95.13	106.34	116.55	3.93
2036.0	94.00	2018.25	119.30	16.40	96.8	-52.59	119.55	130.61	113.74	3.57
2131.0	95.00	2109.15	146.70	17.40	97.2	-55.96	146.96	157.26	110.85	1.06
2225.0	94.00	2198.90	174.40	17.20	97.6	-59.56	174.68	184.56	108.83	0.25
2318.0	93.00	2287.86	201.23	16.70	98.4	-63.33	201.53	211.25	107.44	0.59
2412.0	94.00	2377.89	227.94	16.70	98.3	-67.25	228.26	237.96	106.42	0.03
2504.0	92.00	2465.99	254.09	16.80	99.9	-71.45	254.43	264.27	105.68	0.51
2597.0	93.00	2555.07	280.31	16.60	101.8	-76.47	280.68	290.91	105.24	0.63
2689.0	92.00	2643.28	305.88	16.40	101.5	-81.75	306.27	316.99	104.95	0.24
2783.0	94.00	2733.55	331.46	16.00	103.3	-87.38	331.88	343.19	104.75	0.68
2878.0	95.00	2824.89	356.76	15.90	104.7	-93.69	357.21	369.29	104.70	0.42
2971.0	93.00	2914.38	381.23	15.70	104.7	-100.12	381.70	394.61	104.70	0.22
3065.0	94.00	3005.11	404.94	14.60	105.0	-106.41	405.45	419.18	104.71	1.17
3159.0	94.00	3096.09	427.70	14.50	105.5	-112.62	428.23	442.79	104.73	0.17
3253.0	94.00	3187.30	449.78	13.50	101.1	-117.88	450.34	465.51	104.67	1.55
3347.0	94.00	3278.74	471.15	13.30	100.7	-122.00	471.73	487.25	104.50	0.23
3439.0	92.00	3368.33	491.73	13.00	99.7	-125.71	492.33	508.12	104.32	0.41
3525.0	86.00	3452.11	510.74	13.10	103.0	-129.53	511.36	527.51	104.21	0.87
3618.0	93.00	3542.67	531.15	13.20	106.8	-134.97	531.79	548.65	104.24	0.94

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Minimum Curvature Method

MEASURED DEPTH	INTERVAL	VERTICAL DEPTH	TARGET SECTION	STATION INCLN.	AZIMUTH DEG	LATITUDE N/-S FT	DEPARTURE E/-W FT	DISPLACEMENT CEMENT FT	at AZIMUTH DEG	DLS D/HF
3713.0	95.00	3635.22	551.49	12.90	109.7	-141.68	552.16	570.05	104.39	0.76
3807.0	94.00	3726.91	571.24	12.60	105.0	-147.87	571.95	590.75	104.50	1.15
3899.0	92.00	3816.76	590.35	12.20	103.9	-152.80	591.07	610.51	104.49	0.50
3996.0	97.00	3911.54	610.05	12.40	110.1	-158.84	610.80	631.12	104.58	1.38
4090.0	94.00	4003.27	629.16	12.80	111.8	-166.18	629.95	651.50	104.78	0.58
4183.0	93.00	4094.02	648.07	12.50	111.2	-173.64	648.90	671.73	104.98	0.35
4274.0	91.00	4182.94	666.14	12.00	109.5	-180.36	667.00	690.95	105.13	0.68
4369.0	95.00	4275.94	684.47	11.60	108.7	-186.72	685.35	710.34	105.24	0.45
4462.0	93.00	4366.94	702.73	12.20	106.2	-192.46	703.65	729.49	105.30	0.85
4556.0	94.00	4458.83	721.81	12.10	103.8	-197.58	722.75	749.27	105.29	0.55
4645.0	89.00	4545.77	740.39	12.60	100.9	-201.64	741.34	768.28	105.22	0.89
4740.0	95.00	4638.28	761.63	13.70	99.8	-205.52	762.61	789.81	105.08	1.19
4833.0	93.00	4728.30	784.72	15.40	97.0	-208.90	785.72	813.01	104.89	1.98
4924.0	91.00	4815.38	810.98	18.30	93.1	-211.14	811.98	838.98	104.58	3.42
5017.0	93.00	4903.04	841.98	20.70	91.8	-212.45	842.99	869.35	104.14	2.62
5110.0	93.00	4989.54	876.10	22.40	93.1	-213.92	877.12	902.83	103.71	1.90
5203.0	93.00	5075.27	912.02	23.20	95.4	-216.61	913.05	938.39	103.35	1.29
5296.0	93.00	5160.23	949.52	24.80	98.6	-221.25	950.58	975.99	103.10	2.22
5388.0	92.00	5242.99	989.05	27.00	101.3	-228.23	990.14	1016.10	102.98	2.71
5481.0	93.00	5325.02	1032.00	29.20	100.9	-236.55	1033.12	1059.88	102.90	2.37
5578.0	97.00	5408.73	1080.36	31.50	95.9	-244.17	1081.53	1108.75	102.72	3.16
5670.0	92.00	5485.85	1130.33	34.60	91.9	-247.93	1131.52	1158.36	102.36	4.49
5761.0	91.00	5559.61	1183.61	37.10	89.4	-248.50	1184.79	1210.57	101.85	3.18
5853.0	92.00	5632.30	1239.99	38.50	88.3	-247.36	1241.17	1265.58	101.27	1.69
5946.0	93.00	5704.27	1298.82	40.10	86.1	-244.46	1299.99	1322.78	100.65	2.28
6039.0	93.00	5773.93	1360.16	42.90	82.8	-238.45	1361.30	1382.02	99.94	3.82
6136.0	97.00	5842.74	1427.94	46.70	82.1	-229.46	1429.04	1447.34	99.12	3.95
6228.0	92.00	5904.54	1495.47	48.90	81.9	-219.98	1496.52	1512.60	98.36	2.40
6320.0	92.00	5963.80	1565.29	50.90	83.3	-210.93	1566.31	1580.44	97.67	2.47
6413.0	93.00	6022.76	1636.74	50.40	83.0	-202.35	1637.71	1650.16	97.04	0.59
6506.0	93.00	6082.29	1707.69	50.00	83.0	-193.64	1708.63	1719.56	96.47	0.43
6598.0	92.00	6140.94	1778.09	50.80	83.0	-185.00	1778.98	1788.58	95.94	0.87
6690.0	92.00	6198.33	1849.56	52.00	84.0	-176.87	1850.42	1858.85	95.46	1.56
6782.0	92.00	6254.47	1922.09	52.80	84.0	-169.25	1922.91	1930.34	95.03	0.87
6872.0	90.00	6308.38	1993.79	53.60	83.9	-161.65	1994.57	2001.11	94.63	0.89
6965.0	93.00	6363.70	2068.15	53.40	83.7	-153.58	2068.89	2074.59	94.25	0.28
7057.0	92.00	6418.68	2141.50	53.20	83.7	-145.49	2142.21	2147.15	93.89	0.22
7154.0	97.00	6476.99	2218.63	52.90	84.3	-137.38	2219.31	2223.55	93.54	0.58
7245.0	91.00	6531.94	2290.86	52.80	84.6	-130.37	2291.50	2295.20	93.26	0.28
7338.0	93.00	6588.36	2364.50	52.50	84.7	-123.47	2365.11	2368.33	92.99	0.33
7432.0	94.00	6645.46	2438.83	52.70	83.8	-115.99	2439.40	2442.16	92.72	0.79
7525.0	93.00	6701.94	2512.33	52.50	84.1	-108.20	2512.87	2515.20	92.47	0.33
7617.0	92.00	6758.14	2584.83	52.20	84.2	-100.78	2585.33	2587.30	92.23	0.34
7707.0	90.00	6813.30	2655.62	52.20	84.3	-93.66	2656.09	2657.74	92.02	0.09
7798.0	91.00	6869.76	2726.68	51.10	84.5	-86.69	2727.11	2728.49	91.82	1.22

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Minimum Curvature Method

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7890.0	92.00	6927.72	2797.83	50.80	84.6	-79.90	2798.24	2799.38	91.64	0.34
7982.0	92.00	6985.75	2868.96	51.00	84.9	-73.37	2869.33	2870.27	91.46	0.33
8076.0	94.00	7045.54	2941.22	50.00	84.7	-66.80	2941.57	2942.33	91.30	1.08
8169.0	93.00	7105.69	3011.88	49.40	84.8	-60.31	3012.20	3012.80	91.15	0.65
8263.0	94.00	7167.11	3082.76	49.00	84.6	-53.74	3083.05	3083.52	91.00	0.45
8355.0	92.00	7227.77	3151.67	48.50	84.8	-47.35	3151.92	3152.28	90.86	0.57
8449.0	94.00	7290.67	3221.28	47.50	85.1	-41.20	3221.51	3221.77	90.73	1.09
8543.0	94.00	7354.53	3290.04	46.90	85.5	-35.54	3290.25	3290.44	90.62	0.71
8638.0	95.00	7419.56	3359.12	46.70	85.8	-30.29	3359.30	3359.43	90.52	0.31
8732.0	94.00	7483.79	3427.59	47.10	85.7	-25.20	3427.74	3427.84	90.42	0.43
8824.0	92.00	7546.18	3495.02	47.50	85.3	-19.90	3495.15	3495.20	90.33	0.54
8917.0	93.00	7609.13	3563.26	47.30	85.1	-14.17	3563.36	3563.39	90.23	0.27
9009.0	92.00	7671.35	3630.79	47.60	84.6	-8.09	3630.87	3630.87	90.13	0.52
9101.0	92.00	7733.08	3698.72	48.10	84.5	-1.61	3698.77	3698.77	90.02	0.55
9194.0	93.00	7794.77	3768.00	48.80	84.1	5.31	3768.02	3768.02	89.92	0.82
9289.0	95.00	7857.09	3839.33	49.20	83.7	12.93	3839.31	3839.33	89.81	0.53
9384.0	95.00	7918.67	3911.30	50.00	84.1	20.61	3911.25	3911.30	89.70	0.90
9478.0	94.00	7978.58	3983.43	50.80	84.9	27.55	3983.34	3983.43	89.60	1.07
9572.0	94.00	8037.55	4056.39	51.50	85.2	33.87	4056.27	4056.41	89.52	0.79
9668.0	96.00	8096.65	4131.80	52.50	85.2	40.20	4131.66	4131.85	89.44	1.04
9761.0	93.00	8152.81	4205.70	53.20	85.4	46.27	4205.53	4205.79	89.37	0.77
9856.0	95.00	8209.32	4281.86	53.80	85.6	52.26	4281.66	4281.98	89.30	0.65
9950.0	94.00	8264.64	4357.67	54.10	85.8	57.96	4357.45	4357.83	89.24	0.36
10044.0	94.00	8319.29	4433.97	54.80	85.8	63.56	4433.72	4434.18	89.18	0.74
10138.0	94.00	8373.07	4510.89	55.40	85.9	69.14	4510.61	4511.14	89.12	0.64
10232.0	94.00	8425.84	4588.51	56.30	86.0	74.63	4588.21	4588.82	89.07	0.96
10328.0	96.00	8478.55	4668.60	57.10	86.5	79.88	4668.27	4668.96	89.02	0.94
10421.0	93.00	8528.99	4746.61	57.20	86.7	84.51	4746.27	4747.02	88.98	0.21
10516.0	95.00	8580.66	4826.23	56.90	87.1	88.82	4825.87	4826.68	88.95	0.47
10549.0	33.00	8598.61	4853.89	57.20	86.8	90.30	4853.52	4854.36	88.93	1.19
10587.0	38.00	8619.17	4885.81	57.30	87.0	92.03	4885.43	4886.30	88.92	0.51
10684.0	97.00	8670.79	4967.85	58.40	87.3	96.11	4967.46	4968.38	88.89	1.16
10779.0	95.00	8719.00	5049.67	60.60	89.6	98.30	5049.27	5050.22	88.88	3.12
10875.0	96.00	8765.18	5133.83	61.90	91.3	97.63	5133.42	5134.35	88.91	2.06
10965.0	90.00	8807.99	5212.93	61.30	92.8	94.81	5212.54	5213.40	88.96	1.61
11061.0	96.00	8855.12	5296.33	59.90	95.0	89.13	5295.97	5296.72	89.04	2.47
11154.0	93.00	8903.15	5375.59	57.90	95.6	81.78	5375.26	5375.88	89.13	2.22
11249.0	95.00	8954.54	5455.10	56.60	95.0	74.39	5454.81	5455.32	89.22	1.47
11345.0	96.00	9008.43	5534.23	55.10	94.7	67.68	5533.97	5534.39	89.30	1.58
11439.0	94.00	9064.47	5609.44	51.70	94.0	61.94	5609.21	5609.55	89.37	3.67
11535.0	96.00	9125.40	5683.47	49.50	92.7	57.59	5683.26	5683.55	89.42	2.52
11629.0	94.00	9186.70	5754.66	49.10	91.6	54.92	5754.47	5754.73	89.45	0.98
11718.0	89.00	9245.15	5821.74	48.80	91.7	52.99	5821.56	5821.80	89.48	0.35
11813.0	95.00	9308.41	5892.59	47.70	91.0	51.31	5892.41	5892.64	89.50	1.28
*PROJECTION TO T.D.*										
11921.0	108.00	9381.09	5972.45	47.70	91.0	49.92	5972.28	5972.49	89.52	0.00