

Directional Surveys



Well : **Figure Four Unit 8002A A02 498**

API # : 05103105150000

Area : Figure Four

Direction of Vertical Section (in degrees) : 282.49

Survey Company : DV8 282.49

Magnetic Dec. Correction : 11.93

Extrap.	Depth (MD)	Corrected		TVD	Northings	Eastings	Vertical Section	Dog Leg
		Angle (deg)	Direction (deg)					
*	0.00			0.00	0.00	0.00	0.00	0.00
	183.00	0.80	36.90	182.99	1.02	0.77	-0.53	0.43
	276.00	1.00	43.20	275.98	2.13	1.71	-1.21	0.24
	369.00	0.60	107.30	368.97	2.58	2.73	-2.11	0.97
	461.00	0.40	288.40	460.97	2.54	2.89	-2.27	1.07
	551.00	2.30	269.90	550.94	2.63	0.78	-0.20	2.11
	643.00	3.60	268.20	642.82	2.54	-3.95	4.41	1.39
	733.00	5.20	253.40	732.56	1.29	-10.68	10.71	2.13
	825.00	6.90	265.60	824.04	-0.33	-20.19	19.64	2.27
	917.00	7.40	285.40	915.34	0.82	-31.41	30.85	2.68
	1008.00	6.40	275.30	1005.68	2.84	-42.11	41.73	1.70
	1099.00	6.30	287.90	1096.13	4.85	-51.92	51.73	1.51
	1159.00	6.90	291.40	1155.73	7.17	-58.40	58.57	1.18
	1252.00	7.20	296.00	1248.03	11.77	-68.84	69.76	0.68
	1344.00	6.80	288.80	1339.35	16.05	-79.18	80.78	1.03
	1438.00	5.40	288.80	1432.81	19.27	-88.64	90.71	1.47
	1533.00	6.00	286.40	1527.34	22.11	-97.63	100.10	0.67
	1624.00	6.10	283.60	1617.84	24.59	-106.89	109.68	0.34
	1718.00	5.90	284.80	1711.32	27.00	-116.42	119.50	0.25
	1811.00	5.80	282.00	1803.84	29.20	-125.64	128.98	0.32
	1906.00	5.50	276.20	1898.38	30.69	-134.86	138.30	0.67
	1998.00	6.00	269.10	1989.91	31.09	-144.05	147.36	0.93
	2093.00	5.00	273.60	2084.48	31.27	-153.15	156.28	1.13
	2187.00	5.30	283.30	2178.10	32.53	-161.46	164.67	0.96
	2279.00	4.70	284.10	2269.75	34.42	-169.25	172.69	0.65
	2373.00	4.60	284.40	2363.44	36.30	-176.64	180.31	0.11
	2466.00	5.30	290.50	2456.09	38.73	-184.27	188.29	0.93
	2559.00	5.50	293.30	2548.68	42.00	-192.39	196.92	0.35
	2651.00	6.90	287.80	2640.14	45.43	-201.70	206.75	1.63
	2746.00	9.10	278.10	2734.21	48.23	-214.57	219.93	2.67
	2840.00	10.10	280.90	2826.90	50.84	-230.03	235.58	1.16
	2932.00	11.10	278.80	2917.32	53.72	-246.70	252.48	1.15
	2996.00	12.30	283.50	2980.00	56.25	-259.42	265.44	2.36
	3029.00	13.10	284.10	3012.19	57.99	-266.46	272.70	2.42
	3119.00	14.40	286.80	3099.61	63.71	-287.07	294.05	1.59
	3213.00	16.00	284.70	3190.32	70.37	-310.79	318.65	1.77
	3307.00	17.70	280.80	3280.28	76.34	-337.36	345.89	2.14
	3355.00	18.60	279.60	3325.89	78.98	-352.08	360.83	2.00
	3466.00	16.40	276.70	3431.75	83.76	-385.10	394.10	2.10
	3559.00	17.20	272.80	3520.78	85.97	-411.87	420.72	1.46
	3655.00	20.40	274.00	3611.65	87.83	-442.75	451.27	3.30
	3748.00	19.30	274.30	3699.12	90.11	-474.24	482.51	1.17
	3841.00	18.80	277.80	3787.03	93.30	-504.42	512.66	1.32
	3933.00	20.70	284.20	3873.63	99.30	-534.87	543.69	3.08
	4029.00	22.80	285.30	3962.79	108.37	-569.27	579.23	2.19
	4121.00	24.10	283.60	4047.19	117.49	-604.72	615.82	1.57
	4216.00	27.50	285.70	4132.71	127.99	-644.70	657.12	3.65

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Extrap.	Depth (MD)	Angle (deg)	Direction (deg)	TVD	Northings	Eastings	Vertical Section	Dog Leg
	4308.00	27.10	284.20	4214.46	138.88	-685.46	699.28	0.85
	4403.00	27.50	283.10	4298.88	149.16	-727.80	742.84	0.67
	4498.00	26.20	277.20	4383.65	156.76	-769.98	785.66	3.07
	4593.00	27.30	286.00	4468.52	165.40	-811.75	828.31	4.26
	4687.00	26.50	283.40	4552.35	176.20	-852.87	870.79	1.49
	4783.00	25.90	282.90	4638.49	185.84	-894.14	913.17	0.66
	4873.00	25.00	282.50	4719.75	194.35	-931.87	951.85	1.00
	4971.00	24.90	285.20	4808.61	204.24	-972.00	993.17	1.15
	5064.00	24.30	285.90	4893.17	214.61	-1009.30	1031.82	0.71
	5161.00	23.50	286.00	4981.85	225.41	-1047.08	1071.05	0.81
	5253.00	23.00	285.10	5066.38	235.15	-1082.07	1107.31	0.66
	5344.00	22.30	286.50	5150.36	244.69	-1115.79	1142.30	0.96
	5436.00	22.80	285.00	5235.33	254.26	-1149.74	1177.52	0.82
	5531.00	22.50	285.60	5323.00	263.91	-1185.03	1214.06	0.39
	5625.00	22.80	283.00	5409.75	272.84	-1220.10	1250.23	1.09
	5717.00	21.30	280.10	5495.02	279.78	-1253.92	1284.76	1.98
	5809.00	17.90	278.50	5581.68	284.81	-1284.37	1315.56	3.68
	5901.00	17.60	281.80	5669.30	289.74	-1311.96	1343.58	1.12
	5995.00	16.50	283.00	5759.17	295.65	-1338.88	1371.14	1.21
	6090.00	14.90	280.40	5850.62	300.89	-1364.04	1396.83	1.81
	6183.00	11.40	276.60	5941.17	304.11	-1384.94	1417.93	3.81
	6279.00	8.80	276.80	6035.68	306.07	-1401.66	1434.68	2.67
	6372.00	4.00	279.10	6128.07	307.42	-1411.93	1445.00	5.09
	6472.00	4.30	279.20	6227.81	308.57	-1419.08	1452.23	0.30
	6566.00	4.30	276.70	6321.54	309.55	-1426.06	1459.25	0.20
	6660.00	3.60	281.50	6415.32	310.55	-1432.45	1465.71	0.81
	6754.00	2.40	293.80	6509.19	311.93	-1437.14	1470.59	1.42
	6848.00	1.60	251.70	6603.14	312.31	-1440.19	1473.65	1.70
	6939.00	1.80	251.50	6694.10	311.46	-1442.75	1475.96	0.22
	7030.00	2.10	239.70	6785.04	310.16	-1445.54	1478.41	0.54
	7127.00	2.20	233.30	6881.98	308.16	-1448.57	1480.93	0.26
	7221.00	2.90	236.50	6975.88	305.76	-1452.00	1483.76	0.75
	7315.00	2.10	241.40	7069.79	303.63	-1455.50	1486.71	0.87
	7410.00	2.10	220.80	7164.73	301.48	-1458.16	1488.85	0.78
	7504.00	2.00	221.20	7258.67	298.94	-1460.37	1490.46	0.11
	7597.00	2.30	226.30	7351.60	296.43	-1462.78	1492.27	0.38
	7691.00	2.60	226.70	7445.52	293.66	-1465.70	1494.52	0.31
	7974.00	2.80	219.70	7728.21	283.94	-1474.79	1501.29	0.13
	8351.00	3.20	217.90	8104.69	268.55	-1487.13	1510.02	0.11
	8570.00	3.50	223.90	8323.31	258.91	-1495.52	1516.12	0.21
	8663.00	3.00	229.10	8416.16	255.28	-1499.33	1519.06	0.61
	8756.00	2.70	278.00	8509.06	253.99	-1503.34	1522.69	2.51
	8849.00	1.60	205.00	8602.01	253.12	-1506.06	1525.16	2.86
	8944.00	2.00	211.40	8696.96	250.50	-1507.48	1525.98	0.46
	9037.00	2.60	208.20	8789.89	247.25	-1509.32	1527.08	0.65
	9131.00	2.40	218.70	8883.80	243.84	-1511.56	1528.52	0.52
	9226.00	2.70	219.30	8978.70	240.56	-1514.22	1530.41	0.31
	9322.00	2.20	184.10	9074.62	236.97	-1515.79	1531.16	1.60