

YATES PETROLEUM COMPANY

Z1A "2S" FEDERAL COM NO. 1

WF-QQ115

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MEASURED INCL. HOLE COURSE VERTICAL SECTION N/S FEET E/W DEGS. DISTANCE DIRECTION DEGS. SEVERITY

DEPTH FEET	ANGLE DEGS.	DIRECTION DEGS.	COURSE LENGTH FEET	VERTICAL DEPTH FEET	SECTION FEET	N/S	FEET	E/W	DISTANCE FEET	DIRECTION DEGS.	SEVERITY DG/100FT
4822.00	6.25	S 19.00 W	93.00	4820.37	10.34	S	8.37	S	34.92	S 76.53 E	1.36
4916.00	6.50	S 20.00 W	94.00	4913.79	19.96	S	18.21	S	31.44	S 59.92 E	.29
5009.00	6.50	S 19.00 W	93.00	5006.19	29.67	S	28.13	S	27.92	S 44.79 E	.12
5102.00	6.25	S 18.00 W	93.00	5098.62	39.26	S	37.92	S	24.65	S 33.02 E	.29
5195.00	6.25	S 20.00 W	93.00	5191.67	49.63	S	47.50	S	21.35	S 24.21 E	.23
5289.00	6.25	S 21.00 W	94.00	5284.51	58.00	S	57.08	S	17.77	S 17.29 E	.12
5382.00	9.00	S 24.00 W	93.00	5376.60	69.11	S	68.48	S	13.05	S 10.79 E	2.99
5475.00	11.75	S 09.00 W	93.00	5469.15	84.83	S	84.49	S	8.30	S 05.61 E	4.12
5569.00	14.25	S 03.00 W	94.00	5559.73	105.68	S	105.51	S	6.09	S 03.31 E	3.02
5662.00	17.00	S 02.00 E	93.00	5649.28	130.67	S	130.55	S	5.88	S 02.58 E	3.29
5755.00	20.00	S 03.00 E	93.00	5737.47	160.17	S	160.02	S	7.16	S 02.56 E	3.24
5849.00	19.00	S 05.00 E	94.00	5826.08	191.55	S	191.32	S	9.35	S 02.80 E	1.28
5942.00	10.50	S 05.00 E	93.00	5914.14	221.43	S	221.10	S	11.96	S 03.10 E	.54
6035.00	10.50	S 06.00 E	93.00	6002.33	250.91	S	250.48	S	14.79	S 03.39 E	.34
6041.00	10.50	S 06.06 E	6.00	6008.02	252.82	S	252.37	S	14.99	S 03.40 E	1.13
6128.00	19.50	S 07.00 E	87.00	6090.27	281.14	S	280.56	S	18.21	S 03.71 E	1.13
6222.00	21.25	S 11.00 E	94.00	6178.30	313.70	S	312.88	S	23.33	S 04.26 E	2.38
6315.00	23.00	S 15.00 E	93.00	6264.53	348.21	S	347.00	S	31.21	S 05.14 E	2.48
6408.00	26.25	S 19.00 E	93.00	6349.06	385.84	S	384.04	S	42.54	S 06.32 E	3.93
6502.00	27.25	S 21.00 E	94.00	6433.00	426.35	S	423.80	S	57.00	S 07.66 E	1.43
6595.00	28.00	S 21.00 E	93.00	6515.40	467.42	S	464.05	S	72.46	S 08.87 E	.81
6688.00	29.25	S 22.00 E	93.00	6597.03	509.74	S	505.51	S	88.79	S 09.96 E	1.44
6781.00	29.25	S 21.00 E	93.00	6678.17	552.90	S	547.79	S	105.44	S 10.90 E	.53
6875.00	27.25	S 18.00 E	94.00	6760.97	595.61	S	589.72	S	120.29	S 11.53 E	2.61
6960.00	24.25	S 12.00 E	93.00	6844.73	635.14	S	628.72	S	130.74	S 11.75 E	4.27