

AMT / SCIENTIFIC DRILLING  
MIDLAND, TEXAS

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JOB NUMBER: 1326185001

DATE: 01/03/85

TRUN SURVEY

BY

THE RADIUS OF CURVATURE

MEAS. DEPTH	VERT. DEPTH	VERT. SLCT.	COURSE DEV.	INC D M	BEARING D M	COORDINATES		D-LEG PER 100
						LATITUDE	DEPARTURE	
7600.00	7598.52	61.27	4.94	2-52 N	79-35 W	23.37 N	64.08 W	.14
7700.00	7698.39	66.17	5.07	2-57 N	82-6 W	24.18 N	69.09 W	.15
7800.00	7798.25	71.11	5.12	2-56 N	79-33 W	24.99 N	74.14 W	.13
7900.00	7898.12	76.11	5.20	3-2 N	80-2 W	25.92 N	79.26 W	.10
8000.00	7997.97	81.25	5.33	3-4 N	81-31 W	26.77 N	84.52 W	.09
8100.00	8097.82	86.68	5.61	3-22 N	81-56 W	27.58 N	90.07 W	.30
8200.00	8197.64	92.36	5.87	3-22 N	80-23 W	28.48 N	95.88 W	.09
8300.00	8297.47	98.07	5.93	3-26 N	79-55 W	29.50 N	101.72 W	.07
8400.00	8397.28	103.98	6.11	3-34 N	83-34 W	30.37 N	107.76 W	.26
8500.00	8497.07	110.45	6.53	3-55 S	84-56 W	30.45 N	114.28 W	.83
8600.00	8596.83	117.35	6.90	4-0 S	81-27 W	29.63 N	121.13 W	.25
8700.00	8696.54	124.72	7.61	4-44 S	74-46 W	28.05 N	128.88 W	.89
8800.00	8796.16	133.44	8.66	5-12 S	72-54 W	25.65 N	136.89 W	.49
8900.00	8895.74	142.48	9.22	5-23 S	72-5 W	22.88 N	145.67 W	.28
9000.00	8995.32	151.45	9.18	5-9 S	71-9 W	19.98 N	154.40 W	.25

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MEAS. DEPTH	VERT. DEPTH	VERT. SLECT.	COURSE DEG.	INC D M	BLANKING D M	COORDINATES LATITUDE	DEPARTURE	D-LEG PIR 100
9100.00	9094.95	159.72	8.57	4-41 S	66-35 W	16.89 N	162.39 W	.61
9200.00	9194.64	167.22	7.86	4-20 S	66-30 W	13.76 N	169.60 W	.35
9300.00	9294.36	174.43	7.48	4-15 S	70-10 W	11.00 N	176.55 W	.29
9400.00	9394.08	181.65	7.48	4-20 S	67-33 W	8.30 N	183.53 W	.21
9500.00	9493.80	188.88	7.52	4-18 S	68-18 W	5.47 N	190.50 W	.07
9600.00	9593.52	195.97	7.44	4-14 S	64-44 W	2.51 N	197.32 W	.27
9700.00	9693.23	203.02	7.63	4-31 S	58-16 W	1.13 S	204.02 W	.57
9800.00	9792.93	210.09	7.75	4-22 S	61-39 W	5.01 S	210.73 W	.30
9900.00	9892.62	217.32	7.85	4-38 S	60-37 W	8.79 S	217.60 W	.28
10000.00	9992.28	224.87	8.18	4-45 S	62-0 W	12.72 S	224.78 W	.16
10100.00	10091.94	232.52	8.32	4-48 S	59-21 W	16.80 S	232.03 W	.23
10200.00	10191.57	240.34	8.51	4-58 S	62-7 W	20.96 S	239.45 W	.29
10300.00	10291.14	249.16	9.27	5-40 S	70-45 W	24.66 S	247.94 W	1.06
10400.00	10390.67	258.70	9.67	5-26 S	79-4 W	27.17 S	257.26 W	.84
10500.00	10490.18	268.58	9.89	5-55 S	86-27 W	28.42 S	267.07 W	.87

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MEAS. DEPTH	VERT. DEPTH	VERT. SECT.	COURSE DEV.	INC D	BEARING M	COORDINATE LATITUDE	D-LEG DEPARTURE	PIR
10540.00	10529.97	272.70	4.12	5-55	S 87-23 W	28.64 S	271.18 W	.24

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THE HORIZONTAL DISPLACEMENT AT THE DEPTH OF  
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10540.00 FEET EQUALS 272.69 FEET AT S 83-58 W.  
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