T.H.E. DIRECTIONAL DRILLING COMPANY

XTRA ENERGY CORP.
WELL# 29
ELEV. 50' K.B.
SURVEY BY SPERRY-SUN
TYPE SINGLE SHOT LAMB. COORD. N4041448 E4204632
MAG. DEC. 14 DEGREES

DIST. CARSON
LEASE WILMINGTON
RADIUS OF CURVATURE
WELL COURSE - N 30 17' W

4/82

MEASURED DEPTH	DRIFT ANGLE	DRIFT DIRECTION	VERTICAL DEPTH	SECTION	LATITUDE FEET	DEPARTURE FEET	DOG LEG/100
1834	25 30	N 26 30 W	1802.14	204.77	186.96 N	85.91 W	2.26
1927	28 15	N 26 00 W	1885.08	246.70	224.66 N	104.50 W	2.97
2017	31 15	N 25 00 W	1963.21	291.19	264.96 N	123.72 W	3.38
2108	32 45	N 26 00 W	2040.38	339.25	308.48 N	144.48 W	1.75
2200	31 45	N 25 30 W	2118.19	388.19	352.70 N	165.81 W	1.13
2292	30 30	N 24 00 W	2196.94	435.52	395.88 N	185.72 W	1.60
2385	29 45	N 24 30 W	2277.38	481.94	438.44 N	204.89 W	.85
2476	29 15	N 24 00 W	2356.58	526.50	479.30 N	223.29 W	.61
2567	28 30	N 23 00 W	2436.27	570.13	519.60 N	240.81 W	.98
2628	29 30	N 25 30 W	2489.62	599.54	546.56 N	252.96 W	2.58
2658	29 45	N 27 30 W	2515.70	614.34	559.83 N	259.58 W	3.40
2688	30 30	N 29 30 W	2541.65	629.39	573.06 N	266.76 W	4.18
2719	31 30	N 30 30 W	2568.22	645.35	586.89 N	274.74 W	3.63
2749	32 15	N 32 00 W	2593.69	661.19	600.43 N	282.96 W	3.64
2846	32 30	N 35 00 W	2675.62	713.04	643.74 N	311.62 W	1.68
2937	32 45	N 34 30 W	2752.26	761.96	684.05 N	339.59 W	.40
3027	33 00	N 35 00 W	2827.85	810.66	724.19 N	367.44 W	.41
3119	33 30	N 34 30 W	2904.78	860.95	765.64 N	396.19 W	.62
3209	33 45	N 35 00 W	2979.72	910.64	806.59 N	424.60 W	.41
3300	34 15	N 34 30 W	3055.17	961.38	848.40 N	453.61 W	.63
3391	34 15	N 35 00 W	3130.39	1012.43	890.48 N	482.80 W	.31
3483	34 45	N 34 00 W	3206.21	1064.40	933.42 N	512.31 W	.82
3578	34 45	N 34 30 W	3284.26	1118.42	978.18 N	542.79 W	.30
3668	34 45	N 33 30 W	3358.21	1169.61	1020.71 N	571.48 W	.63
3758	35 00	N 33 00 W	3432.05	1221.01	1063.75 N	599.70 W	.42
3847	35 30	N 34 30 W	3504.73	1272.28	1106.46 N	628.24 W	1.12