

PENNZOIL UNITED INC. MIDLAND, TEXAS
 BORDAGE WELL NO. 1
 WILCOAT FIELD
 LEA COUNTY, NEW MEXICO
 MAGNETIC MULTISHOT PRODUCTION SURVEY

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 DATE OF SURVEY JANUARY 3, 1972
 VERTICAL SECTION COMPUTED ALONG CLOSURE
 10 DEG. EAST MAGNETIC CORRECTION APPLIED
 MS-6131

SOCORBY-SUN WELL SURVEYING COMPANY
 RECORD OF SURVEY

MEASUREMENT DEPTH	TRUE VERTICAL DEPTH	INCLINATION		DIRECTION DEG	DIP DEG/100	VERTICAL SECTION	RECTANGULAR COORDINATES		
		DEG	MIN				NORTH	SOUTH	WEST
6644.	6647.81	1	0	N 43 E	.06	22.53	18.35		16.20
6738.	6737.79	1	0	N 55 E	.22	24.14	19.29		17.55
6832.	6831.77	1	15	N 55 E	.27	25.17	20.47		19.23
6926.	6925.74	1	30	N 49 E	.31	28.54	22.08		21.08
7020.	7019.72	1	15	N 47 E	.27	30.49	23.48		22.58
7114.	7113.60	1	15	N 50 E	.07	32.48	24.80		24.15
7208.	7207.67	1	15	N 50 E	.00	34.46	26.12		25.73
7302.	7301.64	1	30	N 60 E	.37	36.92	27.35		27.86
7396.	7395.58	2	0	N 70 E	.52	40.18	28.47		30.94
7490.	7489.53	2	0	N 70 E	.00	43.45	29.59		34.02
7584.	7583.45	2	15	N 75 E	.33	47.09	30.55		37.50
7678.	7677.34	2	45	N 78 E	.55	51.45	31.49		42.00
7772.	7771.24	2	45	N 80 E	.10	55.91	32.27		46.44
7866.	7865.17	2	45	N 79 E	.05	60.17	33.13		50.87
7960.	7959.00	2	0	N 79 E	.27	64.94	34.07		55.70
8054.	8053.87	3	30	N 80 E	.70	69.17	34.83		60.02
8054.	8053.82	3	30	N 80 E	.00	70.47	35.07		61.35
8054.	8054.76	3	30	N 77 E	.57	72.37	35.50		63.25
8117.	8115.71	3	30	N 79 E	.70	74.21	35.87		65.11
8148.	8145.65	3	30	N 80 E	.20	75.03	36.19		66.97
8180.	8178.57	4	0	N 81 E	1.58	78.17	36.54		69.18