

DIRECTIONAL SURVEY
SOUTH VACUUM UNIT 1-35

Measured Depth	Drift Angle	True Depth	Course Deviation	Drift Direction	RECTANGULAR COORDINATES			
					North	South	East	West
3,000	0 °	3,000.00	27.22	N 67 E	10.64		25.05	
3,780	2 °	3,779.53	2.18	N 65 E	11.57		27.02	
3,830	2-1/2 °	3,829.48	15.25	N 42 E	22.91		37.23	
4,330	1-3/4 °	4,329.23	13.10	N 27 E	34.58		43.19	
4,830	1-1/2 °	4,829.08	13.10	N 24 E	46.55		48.52	
5,330	1-1/2 °	5,328.93	10.90	N 27 E	56.26		53.47	
5,830	1-1/4 °	5,828.83	8.75	N 22 E	64.38		56.75	
6,330	1 °	6,328.73	8.75	N 25 E	72.31		60.45	
6,830	1 °	6,828.63	8.75	N 8 W	80.97		59.24	
7,330	1 °	7,328.53	8.75	N 32 W	88.39		54.60	
7,830	1 1 °	7,828.43	24.00	S 86 W	86.72		30.66	
8,330	2-3/4 °	8,327.83	26.15	N 89 W	87.17		4.51	
8,830	3 °	8,827.13	34.90	N 83 W	91.42			30.13
9,330	4 °	9,325.93	47.90	N 81 W	98.91			77.44
9,830	5-1/2 °	9,823.63	52.25	N 75 W	112.43			127.91
10,330	6 °	10,320.88	47.90	N 52 W	141.92			165.66
10,830	5-1/2 °	10,818.58	32.70	N 42 W	166.22			187.54
11,330	3-3/4 °	11,317.53	39.25	N 18 W	203.55			199.67
11,830	4-1/2 °	11,815.98						

True Depth 11,815.98

Bottom Hole Location 285.12' N 44° 27' W

N 203.55

W 199.67