AMF / SCIENTIFIC DRILLING
5641 ENGINEER DRIVE,HUNTINGTON BEACH,CA.

JOB NUMBER: MMS-KCD-1282-018 DATE: 05/17/82

INRUN SURVEY

BY

THE RADIUS OF CURVATURE

MEAS. DEPTH	VERT. DEPTH	VERT. SECT.	COURSE DEV.	INC D M	BEARING D M	COORDINATES LATITUDE	DEPARTURE	D-LEG PER 100
4531.00	3384.91	2661.01	40.42	41- 0	N 14-30 E	2595.32 N	587.78 E	1.73
4592.00	3431.38	2700.50	39.51	39-45	N 15-30 E	2633.48 N	598.01 E	2.31
4653.00	3478.54	2739.16	38.70	39- 0	N 15-30 E	2670.77 N	608.35 E	1.23
4714.00	3526.19	2777.21	38.08	38-15	N 15- 0 E	2707.51 N	618.37 E	1.33
4775.00	3574.18	2814.85	37.66	38- 0	N 15- 0 E	2743.89 N	628.11 E	.41
4836.00	3622.57	2851.97	37.13	37- 0	N 14-30 E	2779.80 N	637.57 E	1.71
4897.00	3671.84	2887.91	35.96	35-15	N 15-30 E	2814.53 N	646.87 E	3.03
4958.00	3721.11	2923.83	35.96	37- 0	N 16- 0 E	2849.14 N	656.64 E	2.91
5019.00	3769.83	2960.49	36.71	37- 0	N 16- 0 E	2884.43 N	666.75 E	.00
5050.00	3794.54	2979.18	18.71	37-15	N 15-30 E	2902.44 N	671.83 E	1.26