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
867.00	855.19	99.95	18.34	17-15	N 14- 0 E	96.44 N	26.59 E	.82
920.00	905.60	116.33	16.38	18-45	N 12-30 E	112.38 N	30.34 E	2.96
989.00	970.49	139.78	23.46	21- 0	N 11-30 E	135.32 N	35.22 E	3.30
1050.00	1027.24	162.12	22.36	22- 0	N 10- 0 E	157.28 N	39.39 E	1.87
1112.00	1084.36	186.19	24.10	23-45	N 10-30 E	181.00 N	43.67 E	2.84
1173.00	1140.36	210.37	24.20	23- 0	N 11- 0 E	204.78 N	48.19 E	1.27
1234.00	1195.86	235.64	25.29	26- 0	N 10-30 E	229.63 N	52.91 E	4.93
1295.00	1250.21	263.31	27.69	28- 0	N 11-30 E	256.81 N	58.19 E	3.36
1356.00	1303.68	292.64	29.34	29-30	N 11-30 E	285.56 N	64.04 E	2.46
1417.00	1356.38	323.35	30.73	31- 0	N 10-30 E	315.72 N	69.90 E	2.59
1478.00	1408.18	355.53	32.21	32-45	N 10-30 E	347.39 N	75.77 E	2.87
1539.00	1458.97	389.29	33.78	34-30	N 12- 0 E	380.52 N	82.36 E	3.18
1600.00	1508.78	424.48	35.20	36- 0	N 11- 0 E	415.02 N	89.38 E	2.63
1661.00	1557.50	461.18	36.71	38- 0	N 12- 0 E	450.99 N	96.70 E	3.42
1722.00	1604.90	499.56	38.39	40- 0	N 11-30 E	488.57 N	104.52 E	3.32