

THUMS LONG BEACH COMPANY

COMPLETED WELL  
MULTI-SHOT SURVEY

RUN DATE: 17-NOV-93

PAGE: 4

WELL NUMBER: C-239 M1

START DATE: 10/21/93

K.B. ELEVATION: 36.33

VENDOR: SCI-DRILL/B-H INTEQ

LAMBERT COORDINATES: N 4017645.68 E 4246266.51

SECTION BEARING: S43 OE

MEASURED DEPTH	COURSE LENGTH	DRIFT ANGLE	VERTICAL DEPTH		DEVIATION		TOTAL COORDINATES				TOTAL DISTANCE IN SECTION	READING DATE		
			COURSE	TOTAL	SUB-SEA	COURSE	BEARING	NORTH	SOUTH	EAST			WEST	
1960	31	41 45	23.13	1666.05	1629.72	20.64	S56	0E	0.00	523.33	693.11	0.00	855.44	10/27/93
		41 45					S56	15E						
1991	31	42 0	23.04	1689.09	1652.76	20.74	S56	52E	0.00	534.67	710.48	0.00	875.57	10/27/93
		42 0					S57	30E						
2022	31	42 0	23.04	1712.13	1675.80	20.74	S57	45E	0.00	545.74	728.02	0.00	895.63	10/27/93
		42 0					S58	0E						
2115	93	41 30	69.65	1781.78	1745.45	61.62	S57	52E	0.00	578.50	780.21	0.00	955.19	10/27/93
		41 15					S57	45E						
2207	92	41 30	68.90	1850.68	1814.35	60.96	S58	0E	0.00	610.81	831.91	0.00	1014.08	10/27/93
		41 45					S58	15E						
2300	93	42 0	69.11	1919.80	1883.47	62.23	S58	22E	0.00	643.44	884.89	0.00	1074.08	10/27/93
		42 0					S58	30E						
2392	92	42 0	68.37	1988.16	1951.83	61.56	S58	22E	0.00	675.72	937.31	0.00	1133.44	10/27/93
		42 0					S58	15E						
2485	93	41 45	69.38	2057.55	2021.22	61.93	S58	15E	0.00	708.31	989.97	0.00	1193.18	10/27/93
		41 45					S58	15E						
2578	93	42 45	68.29	2125.84	2089.51	63.13	S58	0E	0.00	741.76	1043.51	0.00	1254.16	10/27/93
		43 45					S57	45E						
2671	93	43 30	67.46	2193.30	2156.97	64.02	S57	37E	0.00	776.04	1097.57	0.00	1316.10	10/27/93
		43 30					S57	30E						
2764	93	43 0	68.02	2261.32	2224.99	63.43	S57	30E	0.00	810.12	1151.07	0.00	1377.51	10/27/93
		42 30					S57	30E						
2856	92	43 15	67.01	2328.33	2292.00	63.04	S57	37E	0.00	843.87	1204.31	0.00	1438.50	10/27/93
		43 45					S57	45E						
2949	93	43 30	67.46	2395.79	2359.46	64.02	S57	52E	0.00	877.91	1258.52	0.00	1500.37	10/27/93
		43 15					S58	0E						
3041	92	43 30	66.73	2462.52	2426.19	63.33	S58	7E	0.00	911.35	1312.30	0.00	1561.51	10/27/93
		43 30					S58	15E						
3134	93	44 0	66.90	2529.42	2493.09	64.60	S56	37E	0.00	946.89	1366.25	0.00	1624.29	10/27/93
		44 30					S55	0E						
3226	92	44 0	66.18	2595.60	2559.27	63.91	S54	15E	0.00	984.23	1418.12	0.00	1686.97	10/27/93
		43 45					S53	30E						
3319	93	44 0	66.90	2662.50	2626.17	64.60	S53	15E	0.00	1022.89	1469.88	0.00	1750.55	10/27/93
		44 15					S53	0E						
3412	93	44 30	66.33	2728.83	2692.50	65.18	S52	45E	0.00	1062.34	1521.77	0.00	1814.79	10/27/93
		44 45					S52	30E						
3504	92	44 30	65.62	2794.45	2758.12	64.48	S52	45E	0.00	1101.37	1573.10	0.00	1878.34	10/27/93
		44 30					S53	0E						
3597	93	44 45	66.05	2860.50	2824.17	65.47	S52	52E	0.00	1140.89	1625.30	0.00	1942.85	10/27/93
		45 0					S52	45E						