

T H U M S L O N G B E A C H C O M P A N Y

COMPLETED WELL
MULTI-SHOT SURVEY

RUN DATE: 17-NOV-93

PAGE: 2

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 0E

MEASURED DEPTH	COURSE LENGTH	DRIFT ANGLE	V E R T I C A L		D E P T H		D E V I A T I O N		T O T A L C O O R D I N A T E S				TOTAL DISTANCE IN SECTION	READING DATE
			COURSE	TOTAL	SUB-SEA	COURSE	BEARING	NORTH	SOUTH	EAST	WEST			
750	30	23 15	27.56	734.67	698.34	11.84	S50 15E	0.00	59.65	92.65	0.00	106.81	10/24/93	
		23 30					S50 30E							
780	30	24 0	27.41	762.08	725.75	12.20	S50 45E	0.00	67.37	102.10	0.00	118.90	10/24/93	
		24 15					S51 0E							
810	30	24 45	27.24	789.33	753.00	12.56	S51 15E	0.00	75.23	111.90	0.00	131.33	10/24/93	
		25 15					S51 30E							
839	29	26 0	26.07	815.39	779.06	12.71	S51 37E	0.00	83.12	121.86	0.00	143.90	10/24/93	
		26 30					S51 45E							
869	30	27 0	26.73	842.12	805.79	13.62	S51 45E	0.00	91.55	132.56	0.00	157.36	10/24/93	
		27 30					S51 45E							
899	30	28 0	26.49	868.61	832.28	14.08	S51 37E	0.00	100.29	143.60	0.00	171.29	10/24/93	
		28 15					S51 30E							
929	30	28 45	26.30	894.91	858.58	14.43	S51 22E	0.00	109.30	154.88	0.00	185.56	10/24/93	
		29 0					S51 15E							
959	30	29 30	26.11	921.02	884.69	14.77	S51 45E	0.00	118.45	166.48	0.00	200.16	10/24/93	
		30 0					S52 15E							
989	30	30 45	25.78	946.80	910.47	15.34	S52 30E	0.00	127.79	178.65	0.00	215.29	10/24/93	
		31 30					S52 45E							
1018	29	32 30	24.46	971.26	934.93	15.58	S53 0E	0.00	137.16	191.09	0.00	230.64	10/24/93	
		33 15					S53 15E							
1048	30	34 0	24.87	996.13	959.80	16.78	S53 7E	0.00	147.23	204.51	0.00	247.15	10/24/93	
		34 30					S53 0E							
1078	30	35 0	24.57	1020.71	984.38	17.21	S53 0E	0.00	157.58	218.25	0.00	264.10	10/24/93	
		35 30					S53 0E							
1108	30	36 0	24.27	1044.98	1008.65	17.63	S52 52E	0.00	168.23	232.31	0.00	281.47	10/24/93	
		36 30					S52 45E							
1138	30	37 0	23.96	1068.94	1032.61	18.05	S52 45E	0.00	179.16	246.68	0.00	299.26	10/24/93	
		37 15					S52 45E							
1168	30	37 45	23.72	1092.66	1056.33	18.37	S52 52E	0.00	190.24	261.33	0.00	317.36	10/24/93	
		38 0					S53 0E							
1198	30	38 30	23.48	1116.14	1079.81	18.68	S52 45E	0.00	201.55	276.19	0.00	335.76	10/24/93	
		38 45					S52 30E							
1227	29	39 30	22.38	1138.51	1102.18	18.45	S52 22E	0.00	212.81	290.80	0.00	353.96	10/24/93	
		40 0					S52 15E							
1257	30	40 30	22.81	1161.33	1125.00	19.48	S52 15E	0.00	224.73	306.21	0.00	373.19	10/24/93	
		41 0					S52 15E							
1287	30	41 30	22.47	1183.79	1147.46	19.88	S52 7E	0.00	236.94	321.90	0.00	392.82	10/24/93	
		42 0					S52 0E							
1317	30	42 30	22.12	1205.91	1169.58	20.27	S52 0E	0.00	249.42	337.87	0.00	412.84	10/24/93	
		42 45					S52 0E							