

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: 6

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	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			
4558	31	52 30	18.87	3477.53	3441.20	24.59	S31 45E	0.00	1714.54	2070.24	0.00	2665.84	10/27/93	
		52 30					S31 45E							
4575	17	52 15	10.41	3487.94	3451.61	13.44	S31 45E	0.00	1725.97	2077.32	0.00	2679.02	10/27/93	
		52 15					S31 45E							
4620	45	52 45	27.24	3515.18	3478.85	35.82	S32 22E	0.00	1756.23	2096.50	0.00	2714.23	11/05/93	
		53 15					S33 0E							
4713	93	53 0	55.97	3571.15	3534.82	74.27	S32 0E	0.00	1819.21	2135.86	0.00	2787.14	11/05/93	
		53 0					S31 0E							
4806	93	52 45	56.29	3627.44	3591.11	74.03	S31 15E	0.00	1882.50	2174.26	0.00	2859.62	11/05/93	
		52 30					S31 30E							
4899	93	52 30	56.61	3684.06	3647.73	73.78	S31 22E	0.00	1945.49	2212.67	0.00	2931.88	11/05/93	
		52 30					S31 15E							
4992	93	53 15	55.64	3739.70	3703.37	74.52	S31 22E	0.00	2009.12	2251.47	0.00	3004.87	11/05/93	
		53 45					S31 30E							
5085	93	53 30	55.32	3795.02	3758.69	74.76	S31 30E	0.00	2072.86	2290.53	0.00	3078.13	11/05/93	
		53 30					S31 30E							
5178	93	52 45	56.29	3851.31	3814.98	74.03	S31 52E	0.00	2135.72	2329.62	0.00	3150.77	11/05/93	
		52 15					S32 15E							
5270	92	52 0	56.64	3907.95	3871.62	72.50	S32 22E	0.00	2196.95	2368.44	0.00	3222.02	11/05/93	
		51 45					S32 30E							
5363	93	51 30	57.89	3965.84	3929.51	72.78	S32 22E	0.00	2258.42	2407.41	0.00	3293.56	11/05/93	
		51 30					S32 15E							
5455	92	52 15	56.32	4022.17	3985.84	72.74	S32 0E	0.00	2320.11	2445.96	0.00	3364.96	11/05/93	
		52 45					S31 45E							
5548	93	52 45	56.29	4078.46	4042.13	74.03	S31 45E	0.00	2383.06	2484.92	0.00	3437.57	11/05/93	
		52 45					S31 45E							
5579	31	52 30	18.87	4097.33	4061.00	24.59	S31 45E	0.00	2403.97	2497.86	0.00	3461.69	11/05/93	
		52 30					S31 45E							
5610	31	52 15	18.98	4116.31	4079.98	24.51	S31 45E	0.00	2424.82	2510.76	0.00	3485.73	11/05/93	
		52 15					S31 45E							
5641	31	52 0	19.09	4135.40	4099.07	24.43	S31 52E	0.00	2445.56	2523.66	0.00	3509.70	11/05/93	
		52 0					S32 0E							
5672	31	51 45	19.19	4154.59	4118.26	24.34	S32 0E	0.00	2466.21	2536.56	0.00	3533.60	11/05/93	
		51 30					S32 0E							
5704	32	50 45	20.25	4174.84	4138.51	24.78	S32 7E	0.00	2487.19	2549.73	0.00	3557.93	11/05/93	
		50 0					S32 15E							
5735	31	49 15	20.24	4195.07	4158.74	23.48	S32 30E	0.00	2507.00	2562.35	0.00	3581.02	11/05/93	
		48 30					S32 45E							
5766	31	48 15	20.64	4215.71	4179.38	23.13	S32 45E	0.00	2526.45	2574.86	0.00	3603.78	11/05/93	
		48 15					S32 45E							