

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: 9

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			
7261	97	15 0	93.69	5503.41	5467.08	25.11	S26 45E	0.00	3115.29	2955.65	0.00	4294.12	11/05/93	
		15 0					S26 30E							
7357	96	14 30	92.94	5596.35	5560.02	24.04	S25 7E	0.00	3137.05	2965.85	0.00	4317.00	11/05/93	
		14 15					S23 45E							
7454	97	14 30	93.91	5690.26	5653.93	24.29	S24 22E	0.00	3159.17	2975.88	0.00	4340.01	11/05/93	
		14 45					S25 0E							
7550	96	14 45	92.84	5783.10	5746.77	24.44	S25 45E	0.00	3181.18	2986.50	0.00	4363.36	11/05/93	
		14 45					S26 30E							
7645	95	15 30	91.54	5874.64	5838.31	25.39	S26 37E	0.00	3203.88	2997.87	0.00	4387.71	11/05/93	
		16 15					S26 45E							
7741	96	16 30	92.05	5966.69	5930.36	27.27	S28 37E	0.00	3227.81	3010.94	0.00	4414.13	11/05/93	
		16 45					S30 30E							
7837	96	16 15	92.16	6058.85	6022.52	26.86	S28 52E	0.00	3251.34	3023.91	0.00	4440.18	11/05/93	
		15 45					S27 15E							
7934	97	15 30	93.47	6152.33	6116.00	25.92	S25 52E	0.00	3274.66	3035.22	0.00	4464.95	11/05/93	
		15 30					S24 30E							
7988	54	15 15	52.10	6204.42	6168.09	14.20	S24 0E	0.00	3287.64	3041.00	0.00	4478.38	11/05/93	
		15 0					S23 30E							
8031	43	15 0	41.53	6245.96	6209.63	11.13	S23 30E	0.00	3297.84	3045.44	0.00	4488.87	11/05/93	
		15 0					S23 30E							
8031TD	43	15 0	41.53	6245.96	6209.63	11.13	S23 30E	0.00	3297.84	3045.44	0.00	4488.87	11/05/93	
		15 0					S23 30E							

CLOSURE: 4488.93 S42 43E

BOTTOM HOLE LAMBERT COORDINATES: N 4014347.84 E 4249311.95

FINISH DATE: 11/09/93

CALCULATIONS BASED ON AVERAGE DRIFT ANGLE AND BEARING BETWEEN STATIONS AND ON A MAGNETIC DECLINATION OF N1345E