



**REPORT
of
SUB-SURFACE
DIRECTIONAL
SURVEY**

AMOCO AUSTRALIA PETROLEUM COMPANY
COMPANY

CAPE SORELL I
WELL NAME

TASMANIA
LOCATION

JOB NUMBER

TYPE OF SURVEY

DATE

DROP MULTISHOT

AUGUST

1982.

SURVEY BY

OFFICE SALE VIC:

C. R. McLEOD.

OR- 0358 F

RECORD OF SURVEY

SHEET 1 OF 2

EASTMAN WHIPSTOCK, INC.

AMOCO AUSTRALIA PETROLEUM COMPANY CAPE SORELL WELL NO. 1

DROP-TYPE MULTISHOT

JOB NO. _____

DATE 8.7.82/17.7.82

CHECKED BY _____

STATION	MEASURED DEPTH	DRIFT ANGLE	TRUE VERTICAL DEPTH	VERTICAL SECTION	COURSE DEVIATION	DRIFT DIRECTION	RECTANGULAR COORDINATES						
							NORTH	SOUTH	EAST	WEST			
	693 00		S H O B										
	733 07		D E P T H			0	0		0				
	824 57	.50°	824 57			N25W							17
	916 07	.75°	916 06			N47W							75
5	1007 57	.80°	1007 55			N45W							1 64
	1099 07	.80°	1099 05			N29W							2 41
	1190 57	.75°	1190 54			N47W							3 17
	1282 07	.50°	1282 03			N59W							3 96
	1373 57	.40°	1373 53			S57W							4 64
10	1422 53	.25°	1422 49			S18W							4 81
	1460 50	2.60°	1460 45			N22W							5 54
	1552 00	2.70°	1551 85			N16W							6 91
	1643 50	2.60°	1643 25			N18W							8 15
	1735 00	2.60°	1734 66			N15W							9 33
15	1826 50	2.20°	1826 08			N12W							10 22
	1918 00	2.30°	1917 50			N11W							10 94
	2009 50	2.40°	2008 93			N23W							12 03
	2101 00	3.10°	2100 32			N28W							13 92
	2192 50	4.00°	2191 65			N29W							16 63

EASTMAN WHIPSTOCK, INC.

RECORD OF SURVEY

SHEET 2 OF 2

AMOCO AUSTRALIA PETROLEUM COMPANY

CAPE SORELL WELL NO. 1

DROP MULTISHOT

JOB NO. _____

DATE

17.7.82

CHECKED BY _____

STATION	MEASURED DEPTH		DRIFT ANGLE	TRUE VERTICAL DEPTH		VERTICAL SECTION	COURSE DEVIATION	DRIFT DIRECTION	RECTANGULAR COORDINATES					
									NORTH	SOUTH	EAST	WEST		
20	2284	00	3.00°	2282	97			N25W	41	12			19	16
	2375	50	2.80°	2374	36			N25W	45	32			21	12
	2467	00	1.80°	2465	78			N19W	48	72			22	49
	2558	50	1.50°	2557	24			N14W	51	24			23	24
	2650	00	1.60°	2648	71			N05W	53	66			23	65
25	2741	50	1.00°	2740	19			N06E	55	76			23	63
	2833	00	1.00°	2831	67			N13E	57	33			23	37
	2924	50	1.60°	2923	15			N07E	59	37			23	01
	3016	00	1.40°	3014	62			N14E	61	73			22	57
	3107	50	1.10°	3106	09			N10E	63	68			22	16
30	3199	00	1.60°	3197	57			N08W	65	83			22	12
	3290	50	2.20°	3289	02			N22W	68	75			22	90
	3382	00	2.60°	3380	44			N21W	72	31			24	31
	3473	50	2.50°	3471	85			N31W	75	97			26	09
	3565	00	1.75°	3563	28			N33W	78	84			27	89
35	3656	50	1.20°	3654	75			N45W	80	67			29	37
	3748	00	.90°	3746	24			N55W	81	75			30	65
	3839	50	1.25°	3837	72			N53W	82	76			32	04
	3931	00	1.40°	3929	20			N41W	84	20			33	58
	4022	50	1.00°	4020	68			N36W	85	70			34	77
40	4114	00	1.25°	4112	16			N40W	87	11			35	86
	4143	00	1.40°	4141	15			N38W	87	63			36	30

EASTMAN WHIPSTOCK, INC.

RECORD OF SURVEY

SHEET 1 OF 3

AMOCO AUSTRALIA PETROLEUM COMPANY CAPE SORELL WELL NO. 1

DROP-TYPE MULTISHOT

JOB NO. _____ DATE 10.8.82

CHECKED BY _____

STATION	MEASURED DEPTH		DRIFT ANGLE	TRUE VERTICAL DEPTH		VERTICAL SECTION	COURSE DEVIATION	DRIFT DIRECTION	RECTANGULAR COORDINATES						
									NORTH	SOUTH	EAST	WEST			
	4192	50	1.00°	4190	64			N4 7W	88	39			37	00	
	4284	00	1.00°	4282	13			N4 3W	89	48			38	17	
	4375	50	.90°	4373	61			N2 7W	90	69			39	08	
	45	4467	00	.75°	4465	10			N11W	91	93			39	50
		4558	50	.50°	4556	60			N08E	92	92			39	53
4650		00	.25°	4648	10			N10W	93	52			39	54	
4741		50	.75°	4739	59			N4 3W	94	22			39	89	
4833		00	.80°	4831	08			N5 3W	95	05			40	81	
50	4924	50	.90°	4922	57			N52W	95	88			41	89	
	5016	00	.60°	5014	07			N54W	96	60			42	84	
	5107	50	.80°	5105	56			N55W	97	25			43	75	
	5199	00	.80°	5197	05			N4 3W	98	08			44	72	
	5290	50	.90°	5288	54			N32W	99	16			45	54	
55	5382	00	1.00°	5380	03			N31W	100	45			46	33	
	5473	50	.90°	5471	51			N30W	101	76			47	10	
	5565	00	.80°	5563	00			N32W	102	92			47	80	
	5656	50	.80°	5654	50			N44W	103	93			48	59	
	5748	00	.75°	5745	99			N46W	104	80			49	46	
60	5839	50	.60°	5837	48			N6 3W	105	43			50	34	

EASTMAN WHIPSTOCK, INC.

RECORD OF SURVEY SHEET 2 OF 3

AMOCO AUSTRALIA PETROLEUM COMPANY CAPE SORELL WELL NO. 1

DROP-TYPE MULTISHOT

JOB NO. _____ DATE 10.8.82 _____ CHECKED BY _____

STATION	MEASURED DEPTH		DRIFT ANGLE	TRUE VERTICAL DEPTH		VERTICAL SECTION	COURSE DEVIATION	DRIFT DIRECTION	RECTANGULAR COORDINATES					
									NORTH		SOUTH		EAST	
	5931	00	.75°	5928	97			N72W	105	84			51	33
	6022	50	.80°	6020	47			N59W	106	35			52	46
	6114	00	.90°	6111	96			N69W	106	95			53	67
	6205	50	1.00°	6203	44			N51W	107	70			54	98
65	6297	00	.90°	6294	93			N32W	108	83			55	98
	6388	50	.70°	6386	42			N34W	109	90			56	68
	6480	00	.70°	6477	91			N45W	110	76			57	39
	6571	50	.50°	6569	41			N52W	111	40			58	11
	6663	00	.40°	6660	91			N45W	111	87			58	64
70	6754	50	.25°	6752	41			N01E	112	34			58	83
	6846	00	.60°	6843	90			N23W	113	00			58	96
	6937	50	.50°	6935	40			N23W	113	81			59	30
	7029	00	.60°	7026	89			N20W	114	63			59	63
	7120	50	.50°	7118	39			N52W	115	33			60	14
75	7212	00	.40°	7209	89			N39W	115	83			60	65
	7303	50	.40°	7301	38			N30W	116	36			61	01
	7395	00	.50°	7392	88			N36W	116	96			61	40
	7486	50	.50°	7463	38			N33W	117	47			61	75
	7578	00	.50°	7575	88			N34W	118	29			62	29
80	7671	75	.50°	7669	62			N06W	119	05			62	57

EASTMAN WHIPSTOCK, INC.
DROP-TYPE MULTISHOT

RECORD OF SURVEY

SHEET 3 OF 3

AMOCO AUSTRALIA PETROLEUM COMPANY CAPE SORELL WELL NO. 1

 JOB NO. _____ DATE 10.8.82 CHECKED BY _____

STATION	MEASURED DEPTH		DRIFT ANGLE	TRUE VERTICAL DEPTH		VERTICAL SECTION		COURSE DEVIATION	DRIFT DIRECTION	RECTANGULAR COORDINATES					
										NORTH	SOUTH	EAST	WEST		
	7765	50	.50°	7763	37				N04W	119	86			62	64
	7859	25	.60°	7857	11				N22W	120	74			62	84
	7953	00	.50°	7950	86				N25W	121	56			63	20
	8046	75	.60°	8044	60				N21W	122	39			63	55
85	8140	50	.75°	8138	35				N32W	123	38			64	04
	8234	25	.80°	8232	09				N46W	124	36			64	84
	8328	00	.80°	8325	83				N49W	125	24			65	80
	8421	75	.80°	8419	57				N39W	126	19			66	71
	8515	50	.80°	8513	31				N47W*	127	14			67	60
90	8609	25	.75°	8607	05				N45W	128	02			68	52
	8703	00	.75°	8700	80				N39W	128	93			69	34
	8796	75	.75°	8794	53				N53W	129	78			70	22
	8890	25	.75°	8888	03				N46W	130	58			71	15
	8984	00	.75°	8981	77				N42W	131	46			72	00
95	9016	00	.75°	9013	77				N39W	131	78			72	27

EASTMAN WHIPSTOCK, INC.

DROP-TYPE MULTISHOT

RECORD OF SURVEY SHEET 1 OF 2

AMOCO AUSTRALIA PETROLEUM COMPANY

CAPE SORELL WELL NO. 1

JOB NO. _____

DATE

31.8.82

CHECKED BY _____

STATION	MEASURED DEPTH		DRIFT ANGLE	TRUE VERTICAL DEPTH		VERTICAL SECTION	COURSE DEVIATION	DRIFT DIRECTION	RECTANGULAR COORDINATES					
									NORTH	SOUTH	EAST	WEST		
100	9091	50	.75°	9089	26			N24W	132	62			72	76
	9183	00	.90°	9180	75			N44W	133	71			73	52
	9274	50	.80°	9272	24			N29W	134	79			74	32
	9366	00	.80°	9363	74			N29W	135	91			74	94
	9457	50	.90°	9455	22			N19W	137	15			75	49
	9549	00	1.00°	9546	71			N21W	138	56			76	01
	9640	50	1.00°	9638	20			N36W	139	98			76	77
	9732	00	1.20°	9729	68			N33W	141	42			77	77
	9823	50	1.00°	9821	16			N23W	142	97			78	59
	105	9915	00	1.20°	9912	65			N1H	144	59			79
10006		50	.90°	10004	13			N07E	146	23			79	51
10098		00	1.00°	10095	62			N10E	147	73			79	28
10189		50	1.10°	10187	10			N04E	149	39			79	08
10281		00	1.10°	10278	59			N48W	150	97			79	72
110	10372	50	1.60°	10370	06			N72W	152	04			81	57
	10464	00	2.60°	10461	50			N85W	152	70			84	85
	10555	50	3.60°	10552	86			S89W	152	88			89	79
	10647	00	4.80°	10644	12			S85W	152	53			96	48
	10738	50	6.10°	10735	20			S84W	151	69			105	13

EASTMAN WHIPSTOCK, INC.

DROP-TYPE MULTISHOT

RECORD OF SURVEY SHEET 2 OF 2

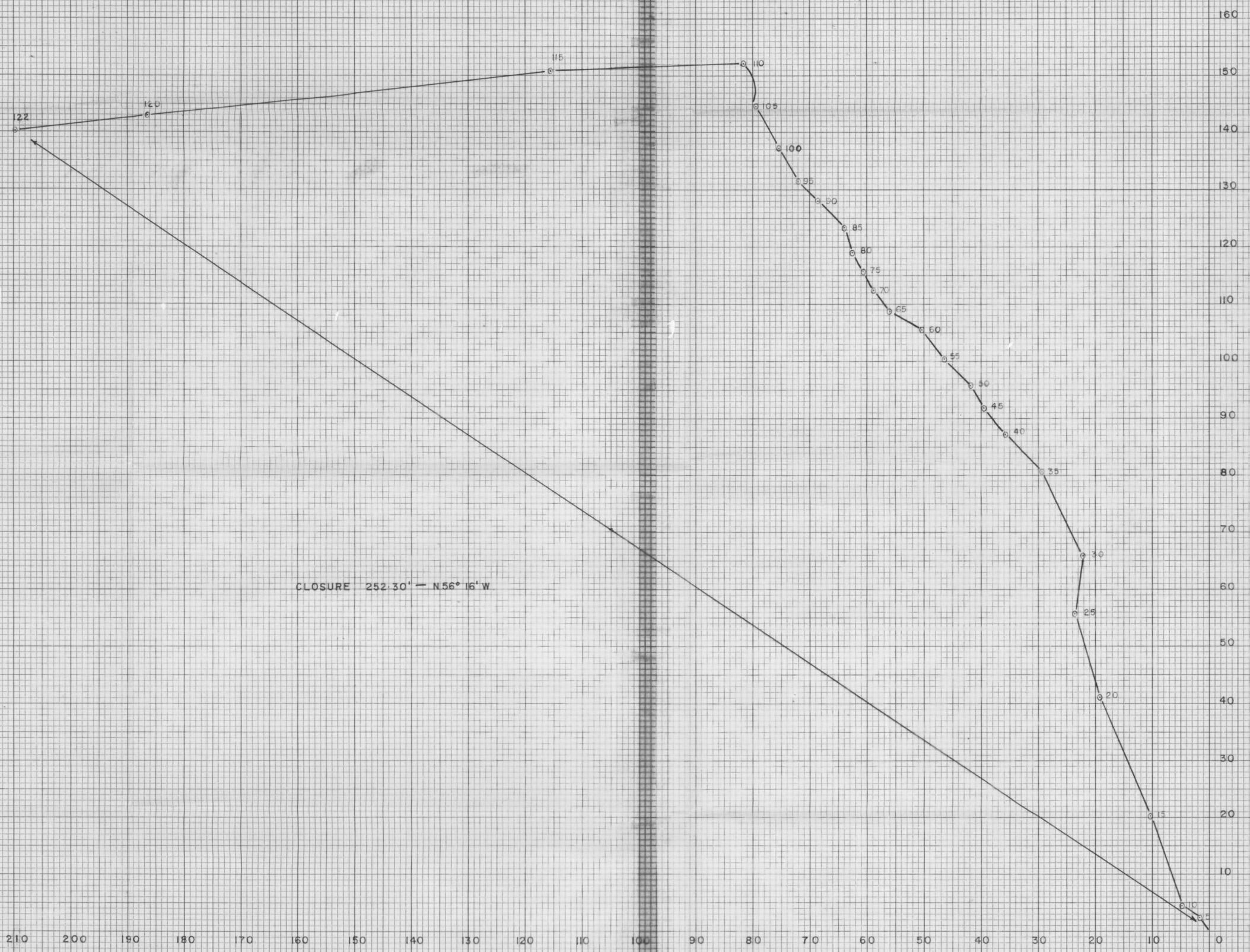
AMOCO AUSTRALIA PETROLEUM COMPANY CAPE SORELL WELL NO. 1

JOB NO. _____ DATE 31.8.82 _____ CHECKED BY _____

STATION	MEASURED DEPTH		DRIFT ANGLE	TRUE VERTICAL DEPTH		VERTICAL SECTION		COURSE DEVIATION	DRIFT DIRECTION	RECTANGULAR COORDINATES					
										NORTH	SOUTH	EAST	WEST		
115	10830	00	6.90°	10826	11				S86W	150	79			115	45
	10921	50	7.75°	10916	86				S84W	149	77			127	07
	11013	00	8.40°	11007	46				S84W	148	43			139	85
	11104	50	9.25°	11097	87				S84W	146	96			153	81
	11196	00	10.40°	11188	03				S83W	145	20			169	33
120	11287	50	11.40°	11277	88				S82W	142	94			186	48
	11379	00	11.75°	11367	52				S84W	140	70			204	70
	11404	00	12.00°	11391	98				S83W	140	12			209	81
CLOSURE										DISTANCE 252.30'		DIRECTION N56°16'W			



EASTMAN
SURVEYING
INSTRUMENTS
ESTD. 1870
THE CITY OF MELBOURNE, AUSTRALIA



CAPE SORELL I.

AMOCO AUSTRALIA PETROLEUM COMPANY

SCALE 1" = 10'

