

**DYNAMIC  
SATELLITE  
SURVEYS**

**Dynamic Satellite  
Surveys Pty. Ltd.**

*Exploration  
& Mining  
Satellite Control*

**Directors:  
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*International*  
**+61 8 338 2855**

**ACN 008 210 348**

## **Final Survey Data**

# **SANDY CREEK SEISMIC SURVEY**

## **BONAPARTE BASIN**

**EP66**

**October 1995**

# **OPEN FILE**

## **ONSHORE**

Technical Report No. AYO 015

PR96/3 A



AMITY OIL  
84 AHD  
NAPARTE BASIN  
20.00

SANDY CREEK  
UTM projection  
DSS

OCTOBER 1995  
AMG ZONE 52 CM=129  
DYNAMIC SATELLITE SURVEYS

Line name	Stn No.	Easting	Northing	Elevation	Cde	Comments
C95-02	SC95-05	537005.347	8331552.077	5.597	00	195
C95-03	SC95-06	538256.743	8336398.927	6.710	00	168+05
C95-03	SC95-05	540318.989	8333913.856	6.618	00	343+10
C95-04	SC95-05	542306.337	8335333.795	7.048	00	420
C95-04	SC95-06	540490.812	8337999.237	7.181	00	258+12
C95-05	SC95-02	537005.392	8331552.080	5.682	00	140
C95-05	88BNT-514	538630.893	8332710.171	6.320	00	240
C95-05	oldline?	539574.752	8333381.844	6.399	00	298+2
C95-05	SC95-03	540319.926	8333913.716	6.596	00	343+10
C95-05	SC95-04	542304.846	8335333.097	6.966	00	465+16
C95-06	SC95-03	538256.743	8336398.909	6.797	00	150
C95-06	SC95-04	540490.812	8337999.237	7.181	00	287+15

Permanent Markers

TY OIL  
SD 84 AHD  
NAPARTE BASIN  
0/00

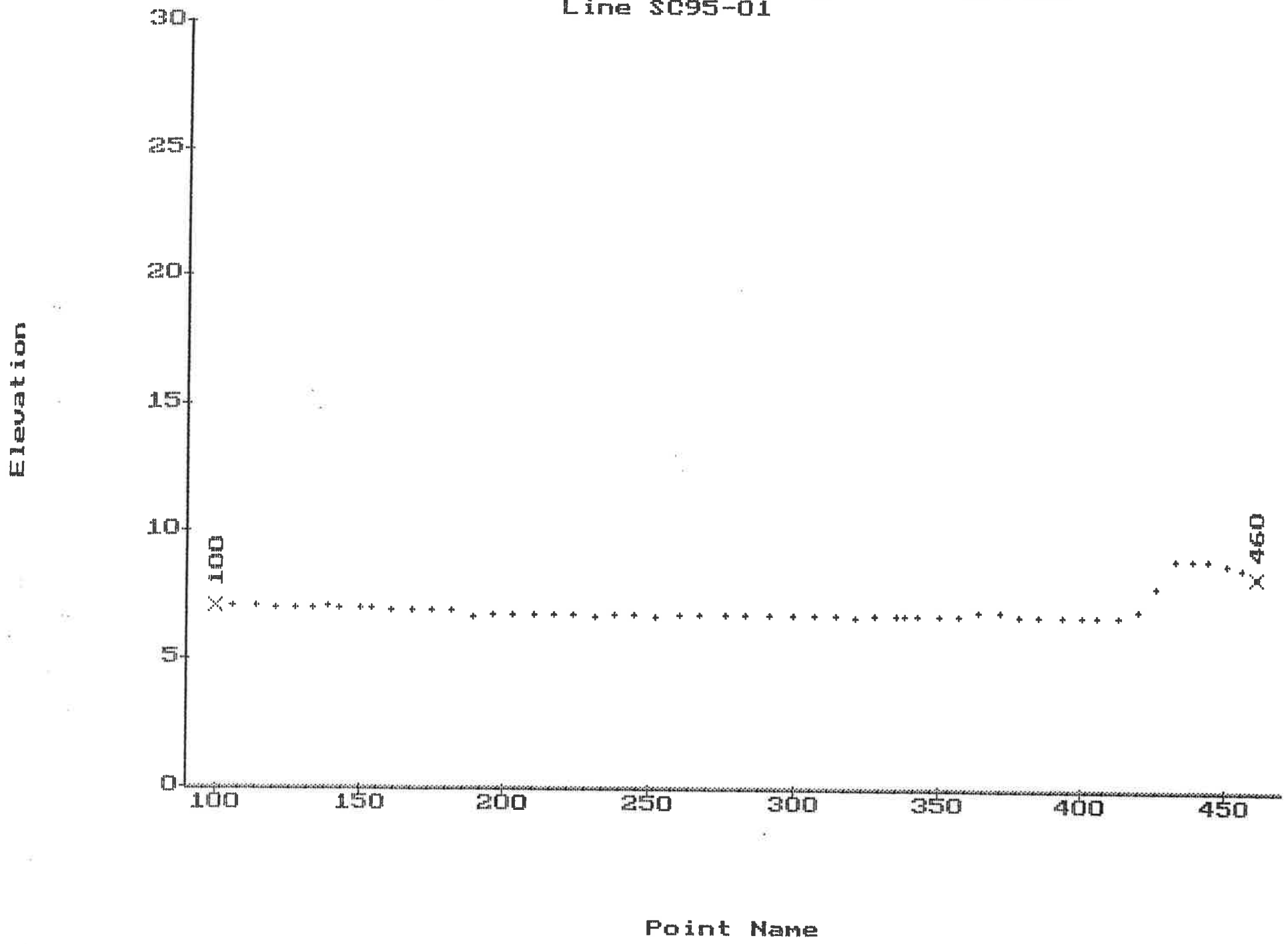
SANDY CREEK  
UTM projection

OCTOBER 1995  
AMG ZONE 52 CM=129  
DYNAMIC SATELLITE SURVEYS

DSS

Line name	Stn	Easting	Northing	Elev.	Comments
SC95-01	150+2	526254.6	8317574.8	7.0	SOL @ 100 1002M NW
SC95-01	335	528716.3	8314818.6	6.8	TRACK
SC95-01	460	530378.3	8312954.4	8.4	EOL

Dynamic Satellite Surveys Profile Plot  
Line SC95-01





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Satellite

Surveys

INTERSECTION DIAGRAM

DSS-FF-14

REV 3.0

April 1995

PROJECT / JOB # .....

CLIENT AMITY OIL .....

DAY/DATE .....

BLOCK: \_\_\_\_\_

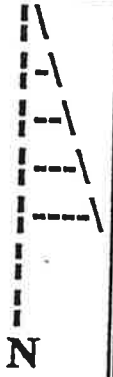
AREA (S): SANDY CREEK

Station Interval: 20.0m

SC95-01

SOC  
100

EOC  
460  
SC95-01



Not to Scale

Check routine for 2d seismic by Dynamic Satellite Surveys

Line : SC95-01  
 Time: 18:49:17

File: C:\WORKPROG\SANDY\SC95-01.CRD  
 Date: 10-10-1995

Page no. 1

tn1	Stn2	Brg	Calc Dist	Peg Dist	Diff	Peg Int
00	106	138 10 10	120.0	121.0	-1.0	20.17 *
06	121	138 11 22	300.0	299.1	+0.9	19.94 *
2	150+2	138 11 11	582.0	580.9	+1.1	19.96 *
5	154	139 6 37	78.0	77.0	+1.0	19.75 *
54	161	138 13 17	140.0	140.1	-0.1	20.01 *
6	168	138 6 41	140.0	140.1	-0.1	20.01 *
6	175	138 11 15	140.0	139.9	+0.1	19.99 *
75	182	138 9 43	140.0	140.0	-0.0	20.00 *
82	189	138 30 41	140.0	140.4	-0.4	20.05 *
8	196	138 11 31	140.0	140.1	-0.1	20.02 *
96	203	138 17 3	140.0	139.9	+0.1	19.99 *
03	210	138 10 20	140.0	139.8	+0.2	19.96 *
1	217	138 1 0	140.0	139.9	+0.1	19.99 *
11	224	138 44 32	140.0	139.8	+0.2	19.97 *
24	231	137 53 40	140.0	139.7	+0.3	19.96 *
3	238	138 7 48	140.0	139.6	+0.4	19.94 *
3	245	138 35 4	140.0	139.6	+0.4	19.95 *
45	252	138 2 27	140.0	140.3	-0.3	20.04 *
52	260	138 14 11	160.0	159.7	+0.3	19.96 *
3	267	138 11 7	140.0	139.6	+0.4	19.94 *
5	276	138 17 6	180.0	179.8	+0.2	19.98 *
76	283	138 20 37	140.0	139.8	+0.2	19.97 *
3	291	138 14 12	160.0	160.1	-0.1	20.02 *
9	299	138 4 41	160.0	159.8	+0.2	19.98 *
99	314	138 12 21	300.0	300.2	-0.2	20.01 *
1	321	138 3 11	140.0	140.1	-0.1	20.01 *
2	328	138 11 0	140.0	140.0	+0.0	20.00 *
28	335	138 1 45	140.0	140.2	-0.2	20.02 *
35	338	139 5 49	60.0	59.7	+0.3	19.89 *
38	343	138 15 46	100.0	100.2	-0.2	20.04 *
43	350	138 10 54	140.0	140.3	-0.3	20.05 *
50	357	138 7 30	140.0	140.0	-0.0	20.00 *
5	364	138 18 13	140.0	140.1	-0.1	20.01 *
5	371	137 51 31	140.0	139.9	+0.1	19.98 *
71	378	138 15 42	140.0	140.2	-0.2	20.03 *
78	385	138 29 8	140.0	139.9	+0.1	19.99 *
3	393	138 5 23	160.0	160.2	-0.2	20.03 *
3	400	138 14 34	140.0	140.1	-0.1	20.02 *
00	405	138 39 8	100.0	99.6	+0.4	19.91 *
0	412	138 2 52	140.0	140.1	-0.1	20.01 *
12	419	138 18 52	140.0	139.8	+0.2	19.96 *
9	438	138 18 40	380.0	379.0	+1.0	19.95 *
38	450+5	138 9 14	245.0	243.9	+1.1	19.91 *
50	460	138 37 4	195.0	194.6	+0.4	19.96 *

LINE NAME : SC95-01  
 DATE OF SURVEY : OCTOBER 1995  
 SURVEYOR(S) : ASW  
 CLIENT : AMITY OIL N.L.  
 AREA NAME : BONAPARTE BASIN  
 PROSPECT NAME : EP66  
 SURVEY NAME : SANDY CREEK  
 GEOSYSTEMS CREW : 205

DATUM : AUSTRALIAN GEODETIC DATUM 1984  
 SPHEROID : AUSTRALIAN NATIONAL  
 SEMI-MAJOR AXIS : 6378160  
 INVERSE FLATTENING : 298.25  
 PROJECTION : UTM (AUSTRALIAN MAP GRID)  
 ZONE : 52  
 CENTRAL MERIDIAN : 129 EAST  
 FALSE EASTING : 500000  
 FALSE NORTHING : 10000000  
 SCALE AT C.M. : 0.9996

STATION INTERVAL : 20 M

95-01	100	525587	8318321	7.05	00	EOL
95-01	106	525668	8318231	7.07	00	
95-01	114	0	0	7.10	0	
95-01	121	525867	8318008	7.02	00	
95-01	128	0	0	6.96	0	
95-01	134	0	0	7.04	0	
95-01	139	0	0	7.05	0	
95-01	143	0	0	7.03	0	
95-01	150+2	526255	8317575	6.99	00P	
95-01	154	526305	8317517	6.98	00	
95-01	161	526398	8317412	6.95	00	
95-01	168	526492	8317308	6.93	00	
95-01	175	526585	8317204	6.89	00	
95-01	182	526679	8317099	6.86	00	
95-01	189	526772	8316994	6.74	00	
95-01	196	526865	8316890	6.79	00	
95-01	203	526958	8316785	6.82	00	
95-01	210	527051	8316681	6.80	00	
95-01	217	527145	8316577	6.78	00	
95-01	224	527237	8316472	6.78	00	
95-01	231	527331	8316368	6.73	00	
95-01	238	527424	8316264	6.76	00	
95-01	245	527516	8316160	6.79	00	
95-01	252	527610	8316055	6.75	00	
95-01	260	527716	8315936	6.81	00	
95-01	267	527809	8315832	6.81	00	
95-01	276	527929	8315698	6.83	00	
95-01	283	528022	8315594	6.83	00	
95-01	291	528129	8315474	6.83	00	
95-01	299	528235	8315355	6.82	00	
95-01	307	0	0	6.76	0	
95-01	314	528436	8315131	6.77	00	
95-01	321	528529	8315027	6.73	00	
95-01	328	528623	8314923	6.77	00	
95-01	335	528716	8314819	6.75	00P	
95-01	338	528755	8314774	6.78	00	
95-01	343	528822	8314699	6.80	00	
95-01	350	528916	8314594	6.79	00	
95-01	357	529009	8314490	6.78	00	
95-01	364	529102	8314385	6.87	00	
95-01	371	529196	8314282	6.88	00	
95-01	378	529289	8314177	6.84	00	

95-01	385	529382	8314072	6.81	00
95-01	393	529489	8313953	6.81	00
95-01	400	529583	8313848	6.79	00
95-01	405	529648	8313774	6.82	00
95-01	412	529742	8313670	6.82	00
95-01	419	529835	8313565	6.96	00
95-01	425	0	0	7.88	0
95-01	432	0	0	8.99	0
95-01	438	530087	8313282	8.99	00
95-01	443	0	0	8.95	0
95-01	450+5	530250	8313100	8.94	00
95-01	455	0	0	8.74	0
95-01	460	530378	8312954	8.40	00P eol



Permanent Markers

ITY OIL  
 GD 84 AHD  
 ONAPARTE BASIN  
 1.00

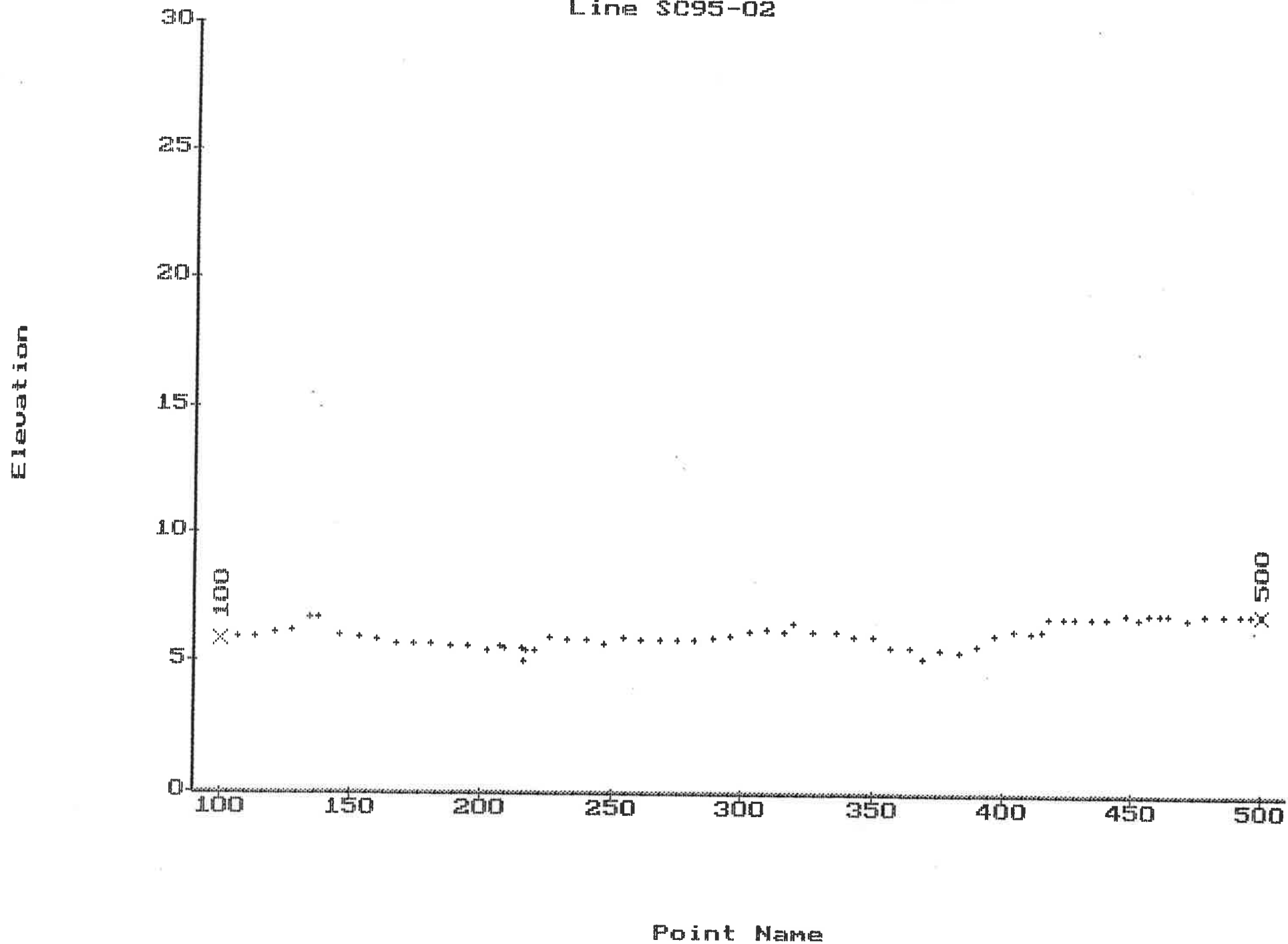
SANDY CREEK  
 UTM projection

OCTOBER 1995  
 AMG ZONE 52 CM=129  
 DYNAMIC SATELLITE SURVEYS

DSS

Line name	Stn	Easting	Northing	Elev.	Comments
SC95-02	100	535822.5	8333039.0	5.8	SOL
SC95-02	195	537005.3	8331552.1	5.7	X SC95-05 VP 140
SC95-02	500	540806.6	8326787.9	6.9	EOL

Dynamic Satellite Surveys Profile Plot  
Line SC95-02





Dynamic

Satellite

Surveys

# INTERSECTION DIAGRAM

DSS-FF-14

REV 3.0

April 1995

PROJECT / JOB #

CLIENT

AMITY OIL

DAY/DATE

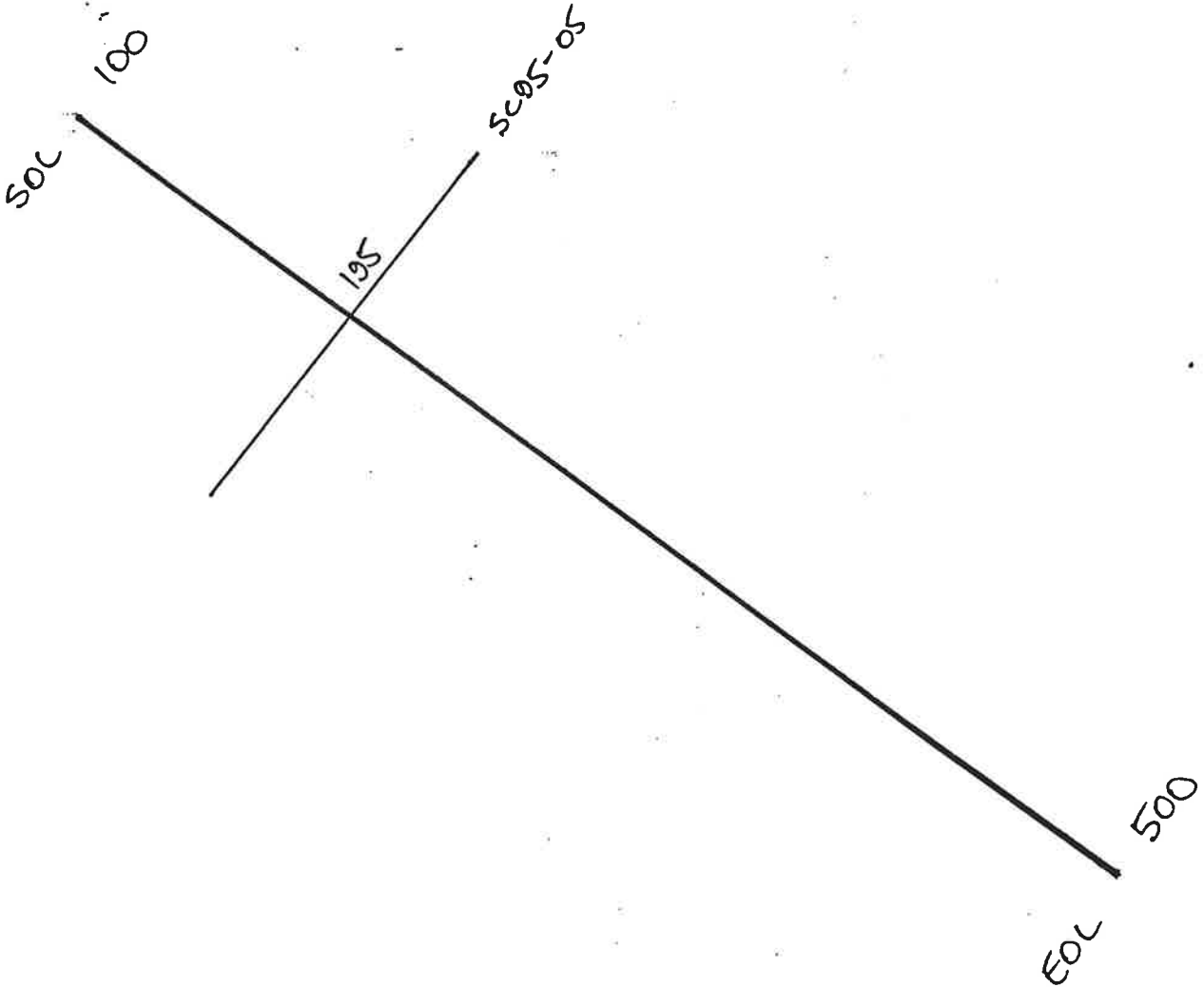
BLOCK:

AREA (S): SANDY CREEK

Station Interval:

20.0m

SC95-02



Not to Scale

Check routine for 2d seismic by Dynamic Satellite Surveys

Line : SC95-02  
Time : 06:48:21

File : C:\WORKPROG\SANDY\SC95-02.CRD  
Date : 10-09-1995

Page no. 1

tn1	Stn2	Brg	Calc Dist	Peg Dist	Diff	Peg Int
00	107	141 18 29 *	140.0	140.0	+0.0	20.00 *
07	114	141 28 16	140.0	140.0	+0.0	20.00 *
11	121	141 30 11	140.0	139.9	+0.1	19.98 *
21	128	141 20 34	140.0	140.0	+0.0	20.00 *
28	134	141 35 4	120.0	119.9	+0.1	19.99 *
31	138	141 25 47	80.0	80.1	-0.1	20.03 *
31	146	141 19 57	160.0	160.7	-0.7	20.09 *
46	153	141 31 31	140.0	139.5	+0.5	19.92 *
51	160	141 9 13	140.0	139.9	+0.1	19.98 *
61	167	141 52 51	140.0	140.0	+0.0	20.00 *
67	174	141 25 58	140.0	140.0	-0.0	20.00 *
71	181	141 25 28	140.0	139.9	+0.1	19.99 *
81	188	141 25 50	140.0	140.2	-0.2	20.04 *
88	195	142 10 29	140.0	139.9	+0.1	19.98 *
95	202	140 49 35	140.0	139.9	+0.1	19.98 *
00	207	141 21 43	100.0	100.0	+0.0	19.99 *
00	209	142 8 17	40.0	39.8	+0.2	19.89 *
09	226	141 25 50	340.0	340.2	-0.2	20.01 *
21	233	141 5 53	140.0	139.6	+0.4	19.94 *
31	240	141 36 12	140.0	140.0	-0.0	20.00 *
40	247	141 26 16	140.0	140.0	+0.0	19.99 *
47	254	141 26 22	140.0	139.8	+0.2	19.97 *
51	261	141 59 49	140.0	140.0	+0.0	20.00 *
61	268	141 1 22	140.0	139.6	+0.4	19.94 *
68	275	141 23 37	140.0	140.0	-0.0	20.00 *
71	282	141 34 58	140.0	140.2	-0.2	20.02 *
81	289	141 25 44	140.0	139.9	+0.1	19.99 *
89	296	141 19 33	140.0	139.8	+0.2	19.97 *
91	303	141 24 43	140.0	140.5	-0.5	20.07 *
00	310	141 15 9	140.0	139.6	+0.4	19.94 *
10	316	141 2 59	120.0	119.9	+0.1	19.99 *
16	320	142 8 9	80.0	79.6	+0.4	19.89 *
21	327	141 28 17	140.0	139.5	+0.5	19.93 *
21	336	141 25 40	180.0	180.3	-0.3	20.03 *
36	343	141 22 52	140.0	139.8	+0.2	19.97 *
41	350	141 18 21	140.0	140.0	-0.0	20.01 *
51	357	141 31 2	140.0	139.7	+0.3	19.96 *
57	364	141 32 7	140.0	135.9	+4.1	19.41 *
51	369	141 1 28	100.0	103.6	-3.6	20.73 *
51	376	141 30 13	140.0	140.4	-0.4	20.06 *
76	383	141 13 27	140.0	140.2	-0.2	20.03 *
33	390	141 36 6	140.0	139.9	+0.1	19.99 *
91	397	141 32 23	140.0	140.2	-0.2	20.02 *
91	404	141 21 59	140.0	139.6	+0.4	19.95 *
04	411	141 22 7	140.0	139.9	+0.1	19.99 *
11	415	141 41 56	80.0	80.2	-0.2	20.04 *
11	434	141 23 21	380.0	380.3	-0.3	20.02 *
34	452	141 21 32	360.0	357.2	+2.8	19.85 *
50	460	141 27 1	160.0	161.1	-1.1	20.14 *
51	464	141 54 1	80.0	79.8	+0.2	19.96 *
54	471	141 18 10	140.0	139.7	+0.3	19.96 *

Stn1	Stn2	Brg	Calc Dist	Peg Dist	Diff	Peg Int
171	478	141 15 43	140.0	139.8	+0.2	19.97 *
173	485	141 32 14	140.0	139.7	+0.3	19.96 *
175	492	141 20 54	140.0	139.9	+0.1	19.98 *
192	496	141 14 17	80.0	80.1	-0.1	20.02 *
196	500	141 56 2	80.0	79.7	+0.3	19.94 *

LINE NAME : SC95-02  
 DATE OF SURVEY : OCTOBER 1995  
 SURVEYOR(S) : ASW  
 CLIENT : AMITY OIL N.L.  
 AREA NAME : BONAPARTE BASIN  
 PROSPECT NAME : EP66  
 SURVEY NAME : SANDY CREEK  
 GEOSYSTEMS CREW : 205

DATUM : AUSTRALIAN GEODETIC DATUM 1984  
 SPHEROID : AUSTRALIAN NATIONAL  
 SEMI-MAJOR AXIS : 6378160  
 INVERSE FLATTENING : 298.25  
 PROJECTION : UTM (AUSTRALIAN MAP GRID)  
 ZONE : 52  
 CENTRAL MERIDIAN : 129 EAST  
 FALSE EASTING : 500000  
 FALSE NORTHING : 10000000  
 SCALE AT C.M. : 0.9996

STATION INTERVAL : 20 M

95-02	100	535823	8333039	5.77	OOP
95-02	107	535910	8332930	5.91	00
95-02	114	535997	8332820	5.93	00
95-02	121	536084	8332711	6.09	00
95-02	128	536172	8332601	6.22	00
95-02	134	536246	8332508	6.72	00
95-02	138	536296	8332445	6.72	00
95-02	146	536397	8332319	5.98	00
95-02	153	536483	8332210	5.87	00
95-02	160	536571	8332101	5.84	00
95-02	167	536658	8331991	5.73	00
95-02	174	536745	8331882	5.72	00
95-02	181	536832	8331772	5.66	00
95-02	188	536920	8331663	5.58	00
95-02	195	537005	8331552	5.60	OOP
95-02	202	537094	8331444	5.39	00
95-02	207	537156	8331366	5.55	00
95-02	209	537181	8331334	5.47	00
95-02	215	0	0	5.45	0
95-02	216	0	0	4.95	0
95-02	217	0	0	5.39	0
95-02	220	0	0	5.39	0
95-02	226	537393	8331068	5.94	00
95-02	233	537480	8330960	5.79	00
95-02	240	537567	8330850	5.80	00
95-02	247	537654	8330740	5.69	00
95-02	254	537742	8330631	5.87	00
95-02	261	537828	8330521	5.85	00
95-02	268	537916	8330412	5.82	00
95-02	275	538003	8330303	5.83	00
95-02	282	538090	8330193	5.85	00
95-02	289	538177	8330084	5.85	00
95-02	296	538265	8329974	5.96	00
95-02	303	538352	8329865	6.19	00
95-02	310	538440	8329756	6.31	00
95-02	316	538515	8329663	6.23	00
95-02	320	538564	8329600	6.45	00
95-02	327	538651	8329491	6.22	00
95-02	336	538763	8329350	6.18	00
95-02	343	538850	8329240	6.05	00
95-02	350	538938	8329131	5.96	00
95-02	357	539025	8329022	5.58	00

95-02	364	539109	8328915	5.57	00
95-02	369	539175	8328835	5.24	00
95-02	376	539262	8328725	5.48	00
95-02	383	539350	8328616	5.40	00
95-02	390	539437	8328506	5.66	00
95-02	397	539524	8328396	6.14	00
95-02	404	539611	8328287	6.26	00
95-02	411	539698	8328178	6.24	00
95-02	415	539748	8328115	6.28	00
95-02	417	0	0	6.82	0
95-02	423	0	0	6.82	0
95-02	427	0	0	6.79	0
95-02	434	539985	8327818	6.84	00
95-02	440	0	0	6.84	0
95-02	447	0	0	6.85	0
95-02	452	540209	8327539	6.83	00
95-02	456	0	0	6.87	0
95-02	460	540309	8327413	6.90	00
95-02	464	540358	8327350	6.94	00
95-02	471	540446	8327241	6.84	00
95-02	478	540533	8327132	6.87	00
95-02	485	540620	8327022	6.89	00
95-02	492	540707	8326913	6.89	00
95-02	496	540757	8326851	6.91	00
95-02	500	540807	8326788	6.92	OOP eol

Permanent Markers

UNITY OIL  
 TGD 84 AMD  
 BONAPARTE BASIN  
 2000

SANDY CREEK  
 UTM projection

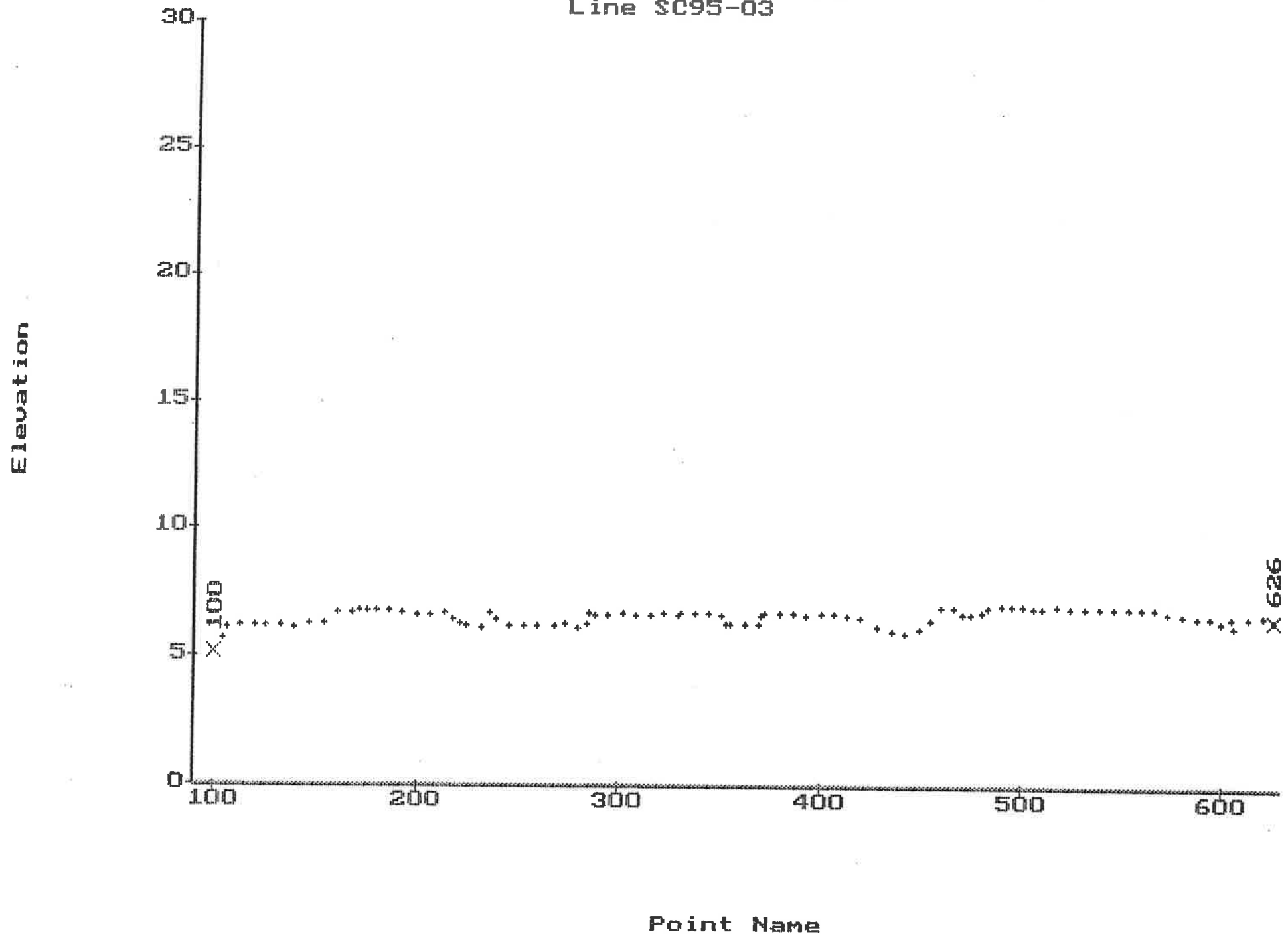
OCTOBER 1995  
 AMG ZONE 52 CM=129  
 DYNAMIC SATELLITE SURVEYS

DSS

Line name	Stn	Easting	Northing	Elev.	Comments
SC95-03	168+05	538256.7	8336398.9	6.8	SOL @ VP100 1365M NW
SC95-03	330	540316.0	8333911.4	6.6	X SC95-05 @ VP 343+10
SC95-03	626	544093.8	8329365.8	6.5	EOL



Dynamic Satellite Surveys Profile Plot  
Line SC95-03





Dynamic

Satellite

Surveys

### INTERSECTION DIAGRAM

DSS-FP-14

REV 3.0

April 1995

PROJECT / JOB # \_\_\_\_\_

CLIENT AMITY OIL

DAY/DATE \_\_\_\_\_

BLOCK: \_\_\_\_\_

AREA (S): SANDY CREEK

Station Interval: 20.0m

SC95-03

SOI 100

168+05

SC95-06

343+10

SC95-05

SOI 626



Not to Scale

Check routine for 2d seismic by Dynamic Satellite Surveys

Line : SC95-03  
Time : 02:32:45

File : C:\WORKPROG\SANDY\SC95-03.CRD  
Date : 10-07-1995

Page no. 1

Stn1	Stn2	Brg	Calc Dist	Peg Dist	Diff	Peg Int
00	104	140 33 44	80.0	79.9	+0.1	19.98 *
04	107	140 22 0	60.0	60.3	-0.3	20.09 *
07	113	140 32 52	120.0	119.6	+0.4	19.94 *
13	120	140 17 23	140.0	140.1	-0.1	20.02 *
20	126	140 4 39	120.0	121.3	-1.3	20.21 *
25	133	140 14 52	140.0	138.3	+1.7	19.76 *
33	140	140 15 11	140.0	140.2	-0.2	20.03 *
40	147	140 30 42	140.0	140.1	-0.1	20.01 *
47	154	140 29 28	140.0	139.5	+0.5	19.93 *
51	161	139 51 10	140.0	139.9	+0.1	19.99 *
61	168+05	139 38 50	145.0	145.0	-0.0	20.00 *
68+05	171	141 30 36	55.0	54.8	+0.2	19.92 *
71	176	140 9 28	100.0	100.0	+0.0	19.99 *
77	180	139 45 31	80.0	79.7	+0.3	19.92 *
80	186	140 23 2	120.0	119.9	+0.1	19.98 *
87	193	140 11 0	140.0	139.9	+0.1	19.99 *
91	200	140 23 11	140.0	140.3	-0.3	20.04 *
00	207	140 23 31	140.0	139.8	+0.2	19.97 *
07	214	140 24 42	140.0	139.8	+0.2	19.97 *
11	218	140 21 10	80.0	79.7	+0.3	19.93 *
16	221	140 45 5	60.0	60.1	-0.1	20.05 *
21	225	139 51 40	80.0	79.7	+0.3	19.93 *
23	232	140 18 48	140.0	139.7	+0.3	19.96 *
33	236	140 20 37	80.0	79.8	+0.2	19.96 *
36	239	140 17 24	60.0	60.3	-0.3	20.10 *
37	246	140 24 31	140.0	139.5	+0.5	19.93 *
44	253	140 19 39	140.0	139.6	+0.4	19.95 *
53	260	140 16 30	140.0	139.5	+0.5	19.93 *
60	268	140 23 54	160.0	159.8	+0.2	19.98 *
64	274	140 11 40	120.0	119.8	+0.2	19.96 *
74	280	140 27 28	120.0	119.6	+0.4	19.94 *
80	284	139 53 46	80.0	79.6	+0.4	19.89 *
81	285	140 39 18	20.0	20.1	-0.1	20.06 *
82	288	140 1 35	60.0	59.9	+0.1	19.95 *
38	295	140 28 27	140.0	139.9	+0.1	19.98 *
97	302	140 13 11	140.0	139.4	+0.6	19.91 *
00	309	140 17 5	140.0	139.8	+0.2	19.98 *
09	316	140 26 48	140.0	139.9	+0.1	19.98 *
16	323	140 11 13	140.0	139.8	+0.2	19.97 *
20	330	140 10 53	140.0	139.6	+0.4	19.94 *
30	331	142 50 44 *	20.0	19.9	+0.1	19.90 *
31	338	140 20 25 *	140.0	139.6	+0.4	19.94 *
31	345	140 18 52	140.0	140.0	+0.0	20.00 *
41	351	140 32 49	120.0	119.6	+0.4	19.93 *
51	353	140 9 54	40.0	40.1	-0.1	20.04 *
51	356	139 42 31	60.0	59.8	+0.2	19.93 *
51	363	140 10 8	140.0	139.8	+0.2	19.97 *
53	369	140 25 51	120.0	119.7	+0.3	19.94 *
59	370	140 59 36	20.0	20.0	+0.0	19.97 *
71	373	140 34 34	60.0	59.9	+0.1	19.95 *
71	380	140 9 24	140.0	139.9	+0.1	19.99 *

Stn1	Stn2	Brg	Calc Dist	Peg Dist	Diff	Peg Int
380	386	140 15 28	120.0	119.5	+0.5	19.92 *
385	393	140 19 38	140.0	139.7	+0.3	19.96 *
393	407	140 18 35	280.0	279.7	+0.3	19.98 *
407	413	140 23 37	120.0	119.8	+0.2	19.96 *
413	419	140 24 11	120.0	120.0	-0.0	20.00 *
419	428	140 16 13	180.0	180.0	-0.0	20.00 *
428	435	140 12 57	140.0	139.7	+0.3	19.95 *
435	442	140 9 30	140.0	140.2	-0.2	20.03 *
442	449	140 13 42	140.0	139.9	+0.1	19.99 *
449	454	140 35 14	100.0	99.7	+0.3	19.93 *
454	460	140 7 47	120.0	120.7	-0.7	20.12 *
460	466	139 46 1	120.0	119.0	+1.0	19.83 *
466	470	141 29 42	80.0	79.9	+0.1	19.99 *
470	475	139 55 22	100.0	100.0	-0.0	20.00 *
475	480	139 50 18	100.0	100.4	-0.4	20.09 *
480	483	140 52 55	60.0	59.2	+0.8	19.74 *
483	490	140 20 42	140.0	139.6	+0.4	19.95 *
490	495	140 5 20	100.0	100.5	-0.5	20.09 *
495	500	140 35 40	100.0	99.7	+0.3	19.95 *
500	505	140 1 47	100.0	100.0	-0.0	20.00 *
505	510	140 52 35	100.0	99.5	+0.5	19.90 *
510	517	139 56 53	140.0	139.8	+0.2	19.97 *
517	524	140 35 35	140.0	139.8	+0.2	19.97 *
524	531	140 1 40	140.0	139.8	+0.2	19.97 *
531	538	140 26 30	140.0	139.6	+0.4	19.95 *
538	546	140 15 13	160.0	159.5	+0.5	19.94 *
546	553	140 40 30	140.0	139.5	+0.5	19.93 *
553	560	140 8 25	140.0	139.7	+0.3	19.96 *
560	566	140 14 1	120.0	120.1	-0.1	20.01 *
566	573	140 8 22	140.0	139.9	+0.1	19.99 *
573	580	140 34 16	140.0	139.7	+0.3	19.96 *
580	587	140 17 13	140.0	139.7	+0.3	19.95 *
587	594	140 24 41	140.0	139.5	+0.5	19.93 *
594	599	140 31 18	100.0	100.3	-0.3	20.06 *
599	604	140 6 54	100.0	99.4	+0.6	19.89 *
604	606	139 49 23	40.0	39.8	+0.2	19.90 *
606	613	140 16 8	140.0	139.8	+0.2	19.97 *
613	620	140 32 41	140.0	139.7	+0.3	19.95 *
620	626	139 50 55	120.0	119.9	+0.1	19.98 *

LINE NAME : SC95-03  
 DATE OF SURVEY : OCTOBER 1995  
 SURVEYOR(S) : ASW  
 CLIENT : AMITY OIL N.L.  
 AREA NAME : BONAPARTE BASIN  
 PROSPECT NAME : EP66  
 SURVEY NAME : SANDY CREEK  
 GEOSYSTEMS CREW : 205

DATUM : AUSTRALIAN GEODETIC DATUM 1984  
 SPHEROID : AUSTRALIAN NATIONAL  
 SEMI-MAJOR AXIS : 6378160  
 INVERSE FLATTENING : 298.25  
 PROJECTION : UTM (AUSTRALIAN MAP GRID)  
 ZONE : 52  
 CENTRAL MERIDIAN : 129 EAST  
 FALSE EASTING : 500000  
 FALSE NORTHING : 10000000  
 SCALE AT C.M. : 0.9996

STATION INTERVAL : 20 M

95-03	100	537384	8337448	5.22	00	sol
95-03	104	537435	8337386	5.75	00	
95-03	107	537473	8337339	6.06	00	
95-03	113	537549	8337247	6.18	00	
95-03	120	537639	8337139	6.24	00	
95-03	126	537717	8337046	6.16	00	
95-03	133	537805	8336940	6.25	00	
95-03	140	537895	8336832	6.11	00	
95-03	147	537984	8336724	6.29	00	
95-03	154	538073	8336616	6.33	00	
95-03	161	538163	8336509	6.69	00	
95-03	168+05	538257	8336399	6.71	00P	
95-03	171	538291	8336356	6.76	00	
95-03	176	538355	8336279	6.78	00	
95-03	180	538406	8336218	6.81	00	
95-03	186	538483	8336126	6.79	00	
95-03	193	538572	8336019	6.67	00	
95-03	200	538662	8335911	6.64	00	
95-03	207	538751	8335803	6.64	00	
95-03	214	538840	8335695	6.66	00	
95-03	218	538891	8335634	6.38	00	
95-03	221	538929	8335587	6.31	00	
95-03	225	538980	8335526	6.20	00	
95-03	232	539070	8335419	6.10	00	
95-03	236	539121	8335357	6.68	00	
95-03	239	539159	8335311	6.36	00	
95-03	246	539248	8335203	6.20	00	
95-03	253	539337	8335096	6.18	00	
95-03	260	539426	8334989	6.18	00	
95-03	268	539528	8334865	6.16	00	
95-03	274	539605	8334773	6.26	00	
95-03	280	539681	8334681	6.15	00	
95-03	284	539732	8334620	6.26	00	
95-03	285	539745	8334605	6.70	00	
95-03	288	539783	8334559	6.65	00	
95-03	295	539872	8334451	6.57	00	
95-03	302	539962	8334344	6.65	00	
95-03	309	540051	8334236	6.64	00	
95-03	316	540140	8334128	6.63	00	
95-03	323	540230	8334021	6.65	00	
95-03	330	540319	8333914	6.62	00	
95-03	331	540331	8333898	6.65	00	

95-03	338	540420	8333791	6.67	00
95-03	345	540509	8333683	6.66	00
95-03	351	540585	8333590	6.62	00
95-03	353	540611	8333560	6.27	00
95-03	356	540650	8333514	6.34	00
95-03	363	540739	8333407	6.34	00
95-03	369	540816	8333315	6.26	00
95-03	370	540828	8333299	6.65	00
95-03	373	540866	8333253	6.69	00
95-03	380	540956	8333145	6.73	00
95-03	386	541032	8333053	6.72	00
95-03	393	541121	8332946	6.62	00
95-03	400	0	0	6.70	0
95-03	407	541300	8332731	6.67	00
95-03	413	541376	8332638	6.56	00
95-03	419	541453	8332546	6.51	00
95-03	428	541568	8332407	6.23	00
95-03	435	541657	8332300	6.01	00
95-03	442	541747	8332192	5.92	00
95-03	449	541837	8332085	6.07	00
95-03	454	541900	8332008	6.43	00
95-03	460	541977	8331915	6.85	00
95-03	466	542054	8331824	6.91	00
95-03	470	542104	8331762	6.75	00
95-03	475	542168	8331685	6.73	00
95-03	480	542233	8331609	6.83	00
95-03	483	542270	8331563	6.93	00
95-03	490	542360	8331455	6.97	00
95-03	495	542424	8331378	7.02	00
95-03	500	542487	8331301	6.97	00
95-03	505	542552	8331224	6.92	00
95-03	510	542614	8331147	6.94	00
95-03	517	542704	8331040	6.96	00
95-03	524	542793	8330932	6.91	00
95-03	531	542883	8330825	6.90	00
95-03	538	542972	8330717	6.95	00
95-03	546	543074	8330595	6.94	00
95-03	553	543162	8330487	6.89	00
95-03	560	543252	8330380	6.91	00
95-03	566	543329	8330287	6.89	00
95-03	573	543418	8330180	6.84	00
95-03	580	543507	8330072	6.67	00
95-03	587	543596	8329965	6.60	00
95-03	594	543685	8329857	6.58	00
95-03	599	543749	8329780	6.43	00
95-03	604	543813	8329703	6.56	00
95-03	606	543838	8329673	6.33	00
95-03	613	543928	8329565	6.60	00
95-03	620	544016	8329457	6.66	00
95-03	626	544094	8329366	6.50	00P eol

Permanent Markers

MITY OIL  
 GD 84 AHD  
 ONAPARTE BASIN  
 0 00

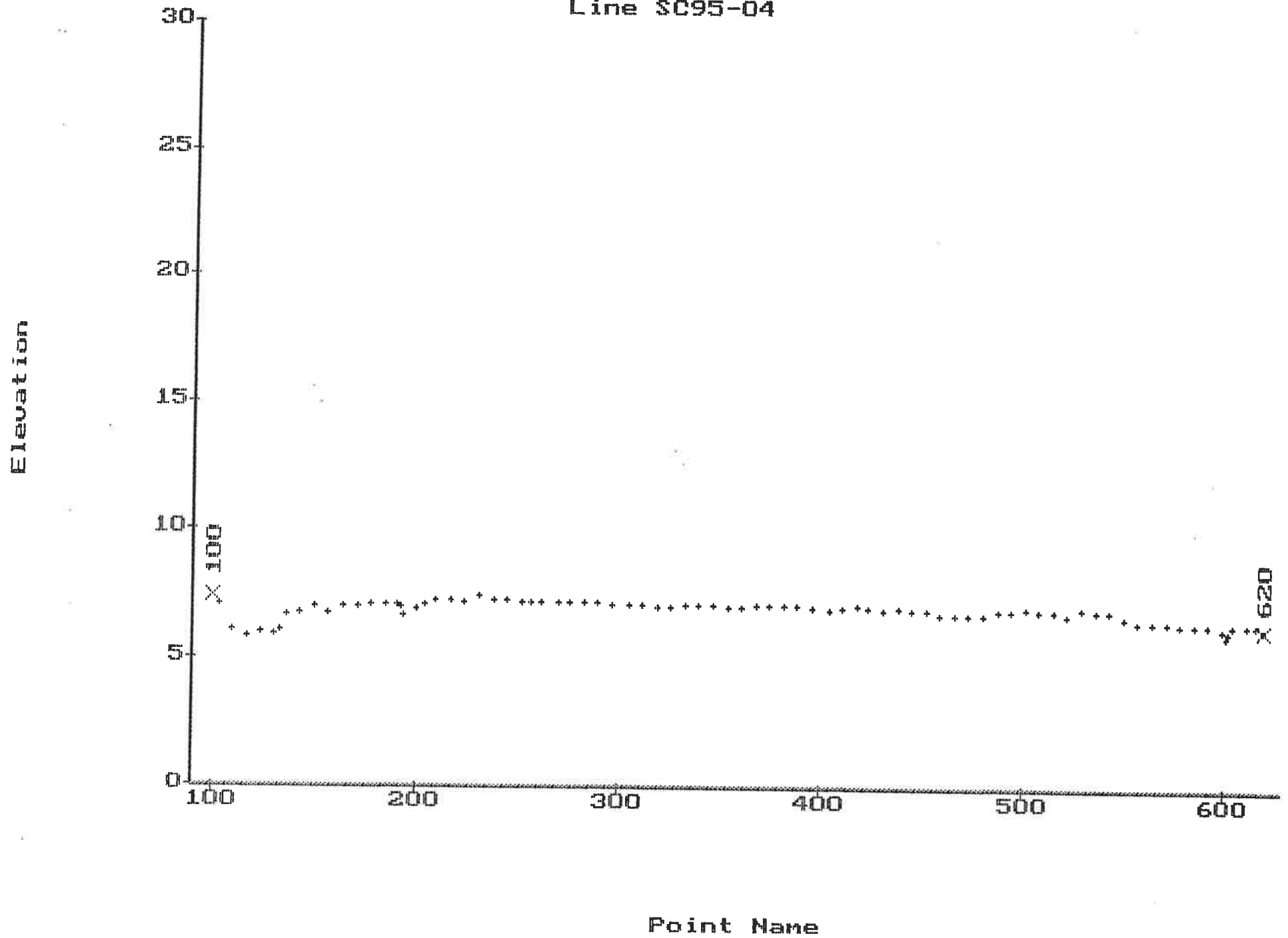
SANDY CREEK  
 UTM projection

OCTOBER 1995  
 AMG ZONE 52 CM=129  
 DYNAMIC SATELLITE SURVEYS

DSS

Line name	Stn	Easting	Northing	Elev.	Comments
SC95-04	100	538704.4	8340617.5	7.4	SOL
SC95-04	258+12	540490.8	8337999.2	7.2	X SC95-06 @ VP 287+15
SC95-04	420	542304.8	8335333.1	7.0	X SC95-05 @ VP 465+16
SC95-04	620	544548.3	8332031.8	6.3	EOL

Dynamic Satellite Surveys Profile Plot  
Line SC95-04







Dynamic

Satellite

Surveys

INTERSECTION DIAGRAM

DSS-FF-14

REV 3.0

April 1995

PROJECT / JOB # ..... CLIENT AMITY OIL .....

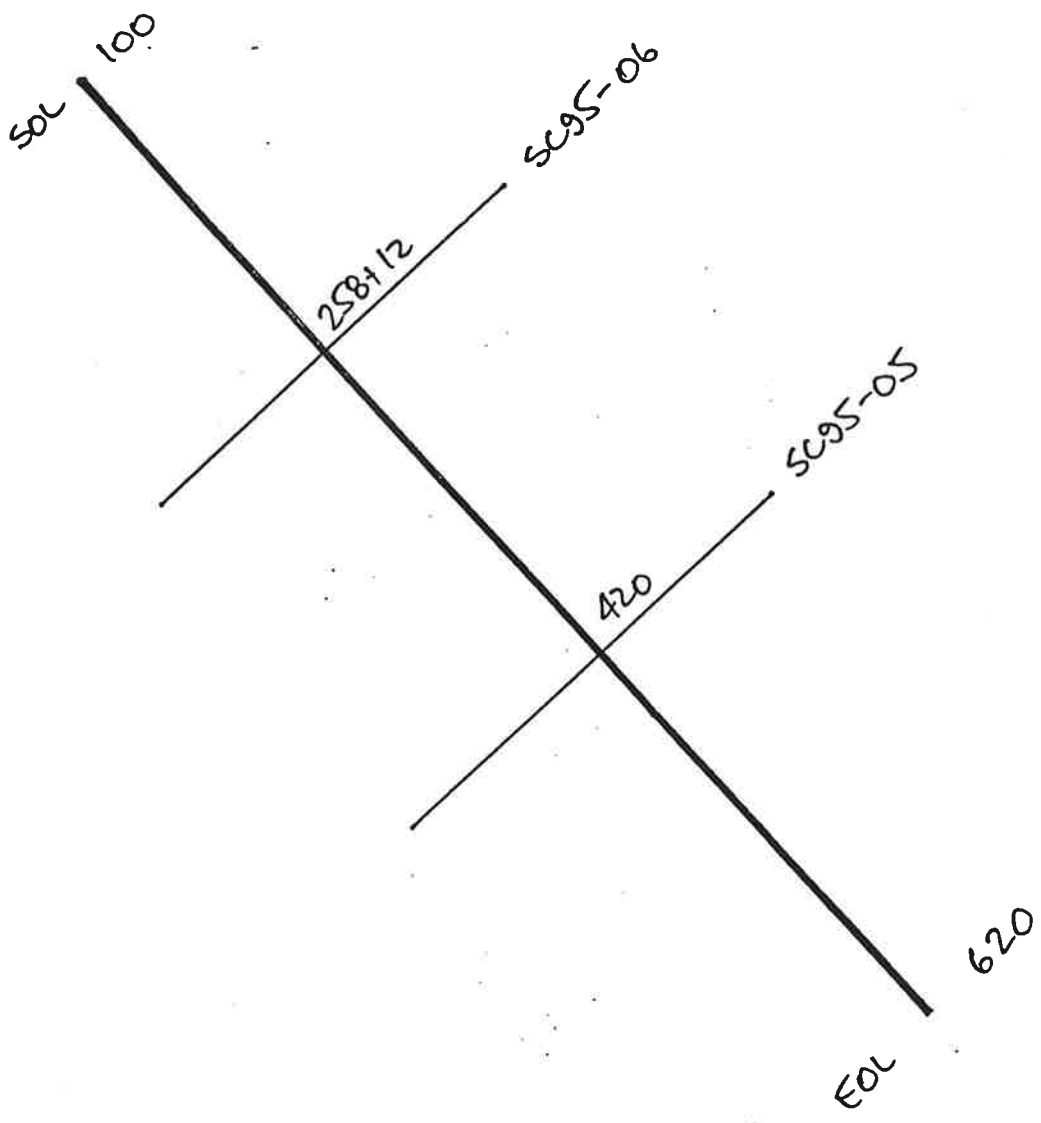
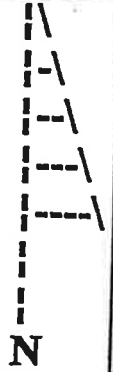
DAY/DATE .....

BLOCK: \_\_\_\_\_

AREA (S): SANDY CREEK

Station Interval: 20.0 ~

SC95-04



Not to Scale

Check routine for 2d seismic by Dynamic Satellite Surveys

Line : SC95-04  
Time : 03:31:10

File: C:\WORKPROG\SANDY\SC95-04.CRD  
Date: 10-08-1995

Page no. 1

Stn1	Stn2	Brg	Calc Dist	Peg Dist	Diff	Peg Int
00	103	144 58 29 *	60.0	59.6	+0.4	19.86 *
03	110	145 25 57	140.0	140.4	-0.4	20.05 *
11	117	145 17 57	140.0	140.1	-0.1	20.01 *
17	123	145 57 38	120.0	119.7	+0.3	19.95 *
23	130	145 32 31	140.0	139.9	+0.1	19.99 *
33	133	144 50 39	60.0	60.3	-0.3	20.09 *
33	136	146 29 34	60.0	59.8	+0.2	19.94 *
36	143	145 28 46	140.0	140.0	+0.0	20.00 *
41	150	145 34 12	140.0	140.1	-0.1	20.02 *
51	157	145 51 54	140.0	139.7	+0.3	19.96 *
57	164	145 46 22	140.0	140.0	-0.0	20.00 *
64	171	145 44 47	140.0	139.8	+0.2	19.97 *
71	178	145 43 33	140.0	140.3	-0.3	20.04 *
76	185	145 28 30	140.0	139.7	+0.3	19.96 *
85	191	145 58 21	120.0	119.7	+0.3	19.96 *
91	193	145 56 16	40.0	40.2	-0.2	20.11 *
91	194	145 7 25	20.0	19.7	+0.3	19.69 *
94	200	145 28 36	120.0	120.1	-0.1	20.02 *
00	204	146 7 20	80.0	79.9	+0.1	19.98 *
01	210	146 8 10	120.0	119.7	+0.3	19.95 *
10	217	145 31 24	140.0	139.8	+0.2	19.97 *
17	224	145 38 19	140.0	139.9	+0.1	19.99 *
21	231	145 21 55	140.0	140.0	-0.0	20.00 *
31	238	145 54 37	140.0	139.7	+0.3	19.95 *
38	245	145 45 12	140.0	139.8	+0.2	19.97 *
41	252	145 42 56	140.0	139.8	+0.2	19.97 *
51	257	146 10 41	100.0	99.9	+0.1	19.97 *
57	262	145 34 0	100.0	99.7	+0.3	19.95 *
61	270	145 50 11	160.0	159.6	+0.4	19.95 *
71	276	145 40 10	120.0	119.7	+0.3	19.95 *
76	290	145 49 31	280.0	279.4	+0.6	19.96 *
90	297	145 17 20	140.0	139.9	+0.1	19.98 *
91	305	145 28 2	160.0	159.8	+0.2	19.97 *
01	312	146 5 26	140.0	140.0	+0.0	19.99 *
12	319	145 43 34	140.0	139.8	+0.2	19.98 *
17	326	145 55 29	140.0	140.1	-0.1	20.01 *
21	333	145 35 57	140.0	139.8	+0.2	19.97 *
33	340	145 47 57	140.0	139.8	+0.2	19.97 *
40	347	145 43 50	140.0	139.6	+0.4	19.95 *
41	354	145 37 47	140.0	140.2	-0.2	20.02 *
54	361	145 45 48	140.0	140.5	-0.5	20.06 *
51	368	145 41 35	140.0	139.4	+0.6	19.91 *
58	375	145 57 49	140.0	139.4	+0.6	19.92 *
71	382	145 52 8	140.0	140.2	-0.2	20.03 *
82	389	145 45 49	140.0	140.1	-0.1	20.01 *
89	396	145 51 59	140.0	139.8	+0.2	19.97 *
96	404	145 25 59	160.0	159.8	+0.2	19.98 *
04	411	146 0 49	140.0	139.9	+0.1	19.99 *
11	424	145 48 0	260.0	260.1	-0.1	20.01 *
21	431	145 48 59	140.0	139.8	+0.2	19.97 *
31	438	145 45 8	140.0	139.9	+0.1	19.98 *

Stn1	Stn2	Brg	Calc Dist	Peg Dist	Diff	Peg Int
438	445	146 5 30	140.0	139.7	+0.3	19.95 *
445	452	145 39 26	140.0	139.4	+0.6	19.92 *
452	459	145 49 25	140.0	139.8	+0.2	19.97 *
459	466	145 43 36	140.0	139.8	+0.2	19.97 *
466	473	146 2 13	140.0	139.7	+0.3	19.96 *
473	480	145 30 50	140.0	138.8	+1.2	19.83 *
480	487	145 46 58	140.0	140.4	-0.4	20.05 *
487	494	145 52 36	140.0	139.7	+0.3	19.96 *
494	501	145 50 19	140.0	139.9	+0.1	19.98 *
501	508	145 37 37	140.0	139.4	+0.6	19.92 *
508	515	145 56 39	140.0	139.6	+0.4	19.94 *
515	522	145 44 30	140.0	140.0	-0.0	20.00 *
522	529	145 44 52	140.0	139.6	+0.4	19.94 *
529	536	145 59 10	140.0	139.7	+0.3	19.96 *
536	543	145 42 11	140.0	139.6	+0.4	19.94 *
543	550	145 38 55	140.0	139.7	+0.3	19.96 *
550	557	145 55 16	140.0	139.7	+0.3	19.96 *
557	564	145 47 45	140.0	139.7	+0.3	19.96 *
564	571	145 43 49	140.0	139.8	+0.2	19.98 *
571	578	145 55 19	140.0	139.7	+0.3	19.96 *
578	585	145 56 9	140.0	139.9	+0.1	19.99 *
585	592	145 43 33	140.0	139.7	+0.3	19.95 *
592	599	146 14 38	140.0	139.8	+0.2	19.98 *
599	601	143 41 40 *	40.0	39.8	+0.2	19.89 *
601	602	149 54 17 *	20.0	20.1	-0.1	20.08 *
602	605	146 9 35 *	60.0	59.9	+0.1	19.97 *
605	612	145 37 57	140.0	140.0	+0.0	20.00 *
612	616	145 59 26	80.0	79.8	+0.2	19.96 *
616	620	146 16 45	80.0	79.6	+0.4	19.90 *

LINE NAME : SC95-04  
 DATE OF SURVEY : OCTOBER 1995  
 SURVEYOR(S) : ASW  
 CLIENT : AMITY OIL N.L.  
 AREA NAME : BONAPARTE BASIN  
 PROSPECT NAME : EP66  
 SURVEY NAME : SANDY CREEK  
 GEOSYSTEMS CREW : 205

DATUM : AUSTRALIAN GEODETIC DATUM 1984  
 SPHEROID : AUSTRALIAN NATIONAL  
 SEMI-MAJOR AXIS : 6378160  
 INVERSE FLATTENING : 298.25  
 PROJECTION : UTM (AUSTRALIAN MAP GRID)  
 ZONE : 52  
 CENTRAL MERIDIAN : 129 EAST  
 FALSE EASTING : 500000  
 FALSE NORTHING : 10000000  
 SCALE AT C.M. : 0.9996

STATION INTERVAL : 20 M

95-04	100	538704	8340617	7.42	00P
95-04	103	538739	8340569	7.12	00
95-04	110	538818	8340453	6.11	00
95-04	117	538898	8340338	5.76	00
95-04	123	538965	8340239	6.02	00
95-04	130	539044	8340123	5.94	00
95-04	133	539079	8340074	6.12	00
95-04	136	539112	8340024	6.67	00
95-04	143	539191	8339909	6.79	00
95-04	150	539270	8339793	6.99	00
95-04	157	539349	8339678	6.76	00
95-04	164	539428	8339562	7.01	00
95-04	171	539506	8339446	7.03	00
95-04	178	539585	8339330	7.08	00
95-04	185	539664	8339215	7.12	00
95-04	191	539731	8339116	7.11	00
95-04	193	539754	8339083	7.03	00
95-04	194	539765	8339067	6.72	00
95-04	200	539833	8338968	6.90	00
95-04	204	539878	8338901	7.13	00
95-04	210	539945	8338802	7.27	00
95-04	217	540024	8338687	7.29	00
95-04	224	540103	8338571	7.23	00
95-04	231	540182	8338456	7.43	00
95-04	238	540261	8338340	7.26	00
95-04	245	540339	8338225	7.28	00
95-04	252	540418	8338109	7.25	00
95-04	257	540474	8338026	7.20	00
95-04	262	540530	8337944	7.24	00
95-04	270	540620	8337812	7.19	00
95-04	276	540687	8337713	7.23	00
95-04	283		0	7.23	0
95-04	290	540844	8337482	7.23	00
95-04	297	540924	8337367	7.13	00
95-04	305	541014	8337235	7.07	00
95-04	312	541092	8337119	7.08	00
95-04	319	541171	8337004	7.04	00
95-04	326	541250	8336888	7.01	00
95-04	333	541328	8336772	7.13	00
95-04	340	541407	8336657	7.10	00
95-04	347	541486	8336541	7.11	00
95-04	354	541565	8336426	6.97	00

95-04	361	541644	8336310	7.04	00
95-04	368	541722	8336194	7.14	00
95-04	375	541800	8336079	7.08	00
95-04	382	541879	8335963	7.12	00
95-04	389	541958	8335847	7.08	00
95-04	396	542036	8335731	7.03	00
95-04	404	542127	8335600	6.91	00
95-04	411	542205	8335484	7.00	00
95-04	418	0	0	7.09	0
95-04	424	542351	8335269	6.99	00
95-04	431	542430	8335153	6.94	00
95-04	438	542509	8335037	6.98	00
95-04	445	542587	8334921	6.91	00
95-04	452	542665	8334806	6.87	00
95-04	459	542744	8334691	6.85	00
95-04	466	542822	8334575	6.84	00
95-04	473	542901	8334459	6.79	00
95-04	480	542979	8334345	6.79	00
95-04	487	543058	8334229	6.94	00
95-04	494	543136	8334113	6.91	00
95-04	501	543215	8333997	6.98	00
95-04	508	543294	8333882	6.94	00
95-04	515	543372	8333767	6.89	00
95-04	522	543451	8333651	6.85	00
95-04	529	543529	8333536	6.95	00
95-04	536	543607	8333420	6.91	00
95-04	543	543686	8333304	6.94	00
95-04	550	543765	8333189	6.67	00
95-04	557	543843	8333073	6.52	00
95-04	564	543922	8332958	6.48	00
95-04	571	544000	8332842	6.46	00
95-04	578	544079	8332727	6.40	00
95-04	585	544157	8332611	6.38	00
95-04	592	544236	8332495	6.44	00
95-04	599	544313	8332379	6.35	00
95-04	601	544337	8332347	6.00	00
95-04	602	544347	8332330	6.24	00
95-04	605	544380	8332280	6.37	00
95-04	612	544459	8332164	6.44	00
95-04	616	544504	8332098	6.41	00
95-04	620	544548	8332032	6.32	00P eol

Permanent Markers

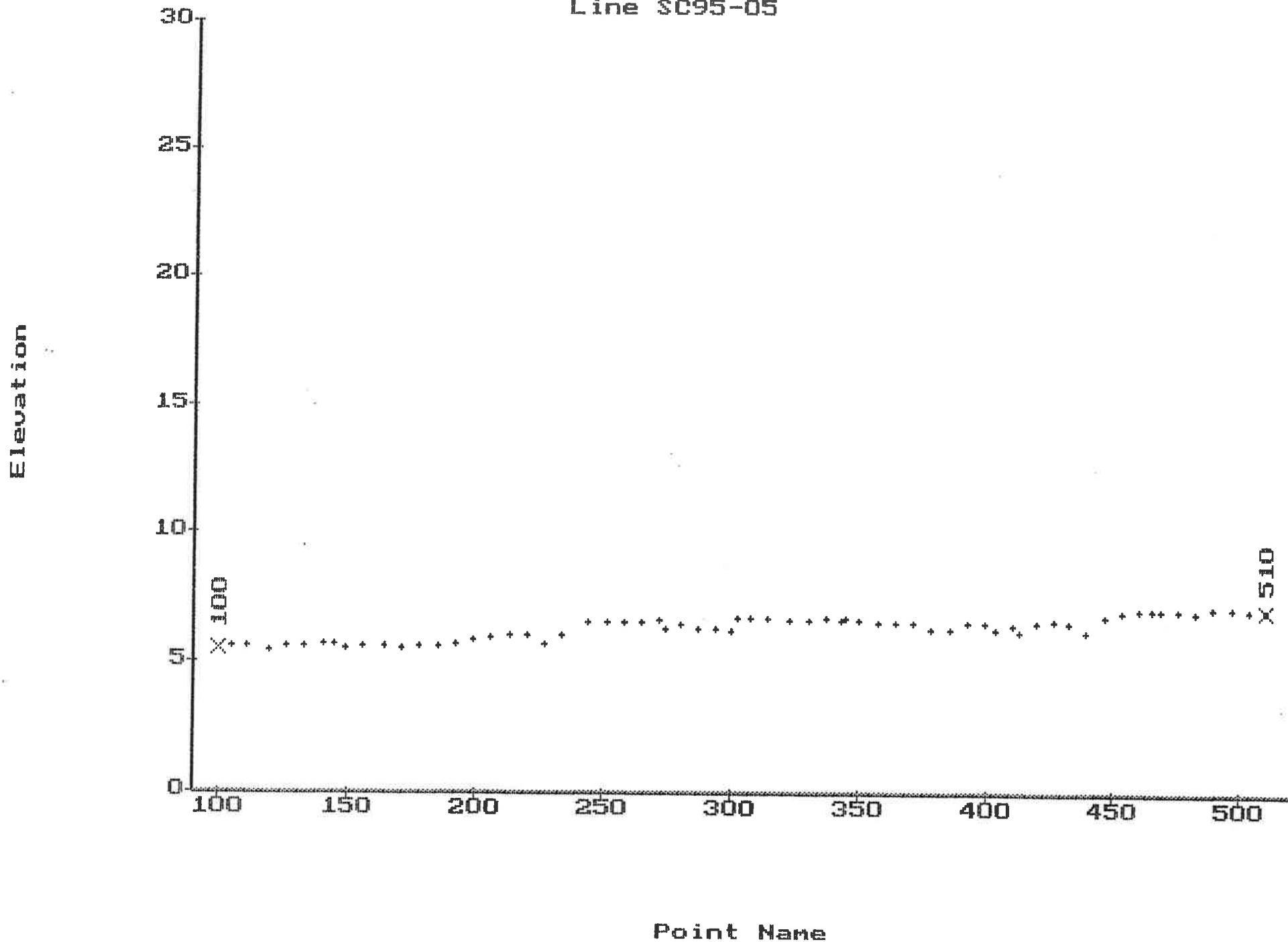
PROPERTY OIL  
 NAD 84 AHD  
 CONAPARTE BASIN  
 2000

SANDY CREEK  
 UTM projection  
 DSS

OCTOBER 1995  
 AMG ZONE 52 CM=129  
 DYNAMIC SATELLITE SURVEYS

Line name	Stn	Easting	Northing	Elev.	Comments
SC95-05	140	537005.4	8331552.1	5.7	SOL @ VP 100 800M SW
SC95-05	343+10	540316.0	8333911.4	6.6	X SC95-03 @ VP 330
SC95-05	465+16	542304.8	8335333.1	7.0	X SC95-04 @ VP 420 EOL @ VP 510 884M NE

Dynamic Satellite Surveys Profile Plot  
Line SC95-05





Satellite  
Surveys

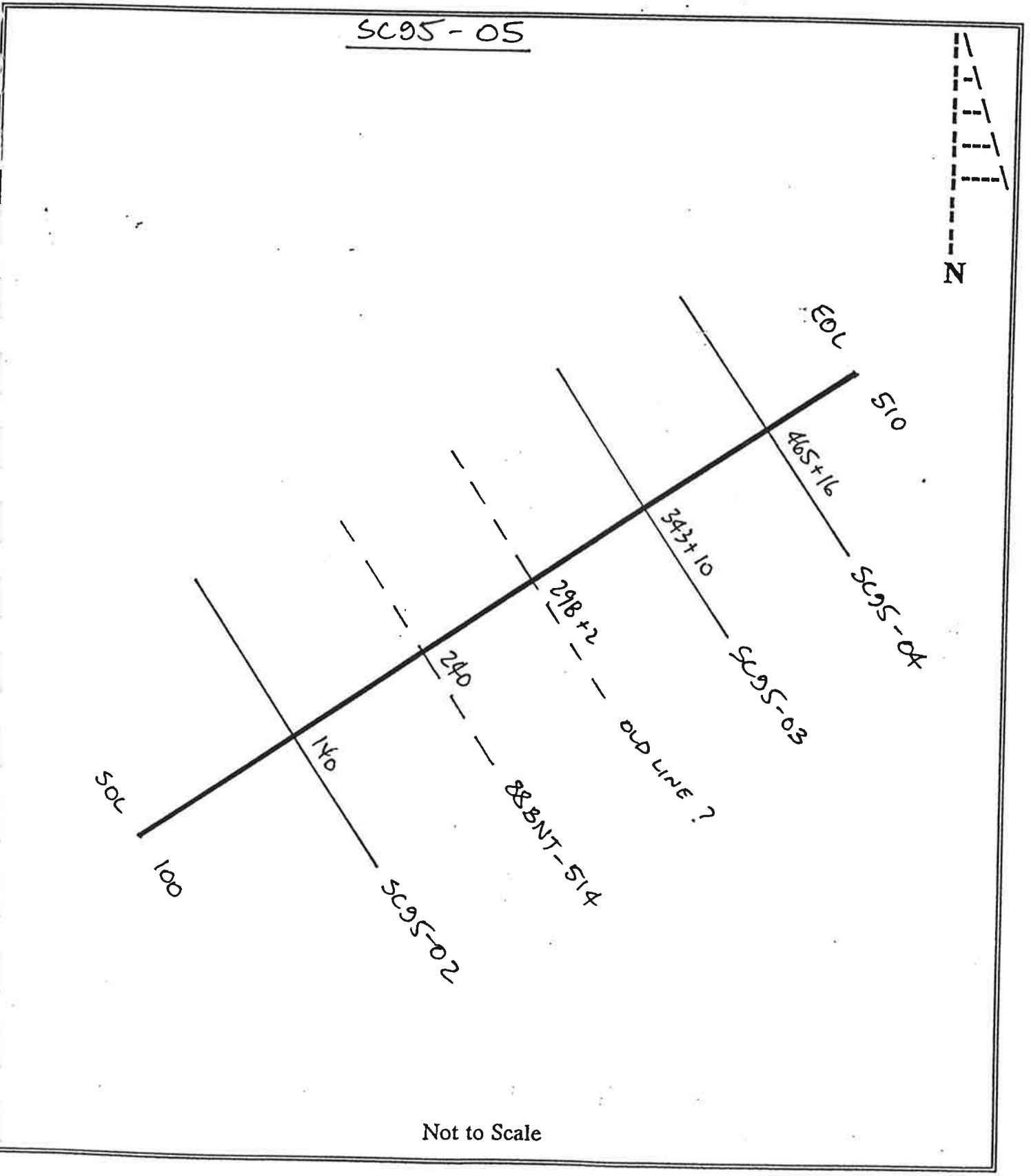
# INTERSECTION DIAGRAM

DSS-FF-14  
REV 3.0  
April 1995

PROJECT / JOB # ..... CLIENT AMITY OIL DAY/DATE .....

BLOCK: \_\_\_\_\_ AREA (S): SANDY CREEK

Station Interval: 20.0m





Check routine for 2d seismic by Dynamic Satellite Surveys

Line : SC95-05  
 Time : 06:45:24

File: C:\WORKPROG\SANDY\SC95-05.CRD  
 Date: 10-09-1995

stn1	stn2	Brg	Calc Dist	Peg Dist	Diff	Peg Int
BNT-514	100	234 30 15 *	1840.0	2794.5	-954.5	30.38 *
00	105	54 44 41 *	100.0	99.7	+0.3	19.94 *
05	111	54 12 37	120.0	119.5	+0.5	19.92 *
11	119	55 9 53	160.0	160.1	-0.1	20.02 *
19	126	54 12 18	140.0	139.6	+0.4	19.94 *
25	133	54 7 13	140.0	140.0	+0.0	20.00 *
33	140	54 6 40	140.0	139.8	+0.2	19.97 *
40	145	55 9 55	100.0	99.9	+0.1	19.98 *
45	149	54 16 25	80.0	80.1	-0.1	20.03 *
47	156	54 14 44	140.0	139.8	+0.2	19.97 *
56	164	54 49 40	160.0	159.7	+0.3	19.97 *
64	171	54 41 57	140.0	139.8	+0.2	19.97 *
77	178	54 26 22	140.0	139.9	+0.1	19.98 *
78	185	54 20 41	140.0	140.3	-0.3	20.04 *
85	192	54 11 58	140.0	140.2	-0.2	20.03 *
91	199	54 32 39	140.0	139.5	+0.5	19.93 *
92	206	54 30 39	140.0	139.8	+0.2	19.97 *
06	213	54 47 19	140.0	139.7	+0.3	19.95 *
17	220	54 14 11	140.0	139.9	+0.1	19.99 *
21	227	54 23 29	140.0	139.5	+0.5	19.93 *
27	234	55 9 41	140.0	139.9	+0.1	19.99 *
34	244	54 21 57	200.0	199.9	+0.1	19.99 *
41	258	54 36 6	280.0	279.7	+0.3	19.98 *
50	265	54 29 15	140.0	140.1	-0.1	20.01 *
65	272	54 28 55	140.0	139.7	+0.3	19.95 *
77	274	54 40 33	40.0	40.0	-0.0	20.00 *
77	280	54 40 54	120.0	119.7	+0.3	19.94 *
80	287	54 27 21	140.0	139.8	+0.2	19.97 *
87	294	54 25 53	140.0	139.9	+0.1	19.98 *
91	300	54 25 22	120.0	120.0	+0.0	20.00 *
00	302	55 9 47	40.0	40.0	+0.0	19.98 *
02	307	54 36 35	100.0	100.2	-0.2	20.03 *
03	314	54 33 21	140.0	140.0	+0.0	20.00 *
11	323	54 26 7	180.0	179.6	+0.4	19.95 *
23	330	54 27 42	140.0	139.7	+0.3	19.96 *
31	337	54 36 5	140.0	140.3	-0.3	20.04 *
31	343+10	54 4 3	130.0	129.1	+0.9	19.86 *
43+10	345	55 54 8	30.0	30.4	-0.4	20.26 *
47	350	54 51 4	100.0	100.2	-0.2	20.03 *
51	357	54 16 2	140.0	139.8	+0.2	19.97 *
57	364	54 28 46	140.0	140.3	-0.3	20.04 *
64	371	54 34 28	140.0	140.0	-0.0	20.00 *
77	378	54 11 38	140.0	139.7	+0.3	19.96 *
78	385	54 44 54	140.0	139.9	+0.1	19.99 *
35	392	54 18 34	140.0	139.9	+0.1	19.99 *
39	399	54 36 47	140.0	140.0	+0.0	20.00 *
39	403	54 23 18	80.0	79.9	+0.1	19.96 *
03	410	54 28 36	140.0	139.8	+0.2	19.97 *
40	412	55 23 36	40.0	39.8	+0.2	19.92 *
47	419	54 10 40	140.0	140.5	-0.5	20.08 *
49	426	54 27 14	140.0	139.2	+0.8	19.88 *

Stn1	Stn2	Brg	Calc Dist	Peg Dist	Diff	Peg Int
426	432	54 40 14	120.0	119.9	+0.1	19.98 *
427	439	54 1 43	140.0	139.7	+0.3	19.96 *
437	446	54 30 28	140.0	140.0	-0.0	20.00 *
446	453	54 28 9	140.0	139.7	+0.3	19.96 *
453	460	54 28 32	140.0	139.9	+0.1	19.99 *
460	465+16	53 40 53	116.0	116.1	-0.1	20.02 *
465+16	475	54 36 7	184.0	183.5	+0.5	19.95 *
475	482	54 35 55	140.0	139.6	+0.4	19.95 *
482	489	54 20 1	140.0	139.9	+0.1	19.98 *
489	496	54 24 52	140.0	139.8	+0.2	19.97 *
496	503	54 12 24	140.0	140.0	-0.0	20.00 *
503	510	54 26 48	140.0	139.8	+0.2	19.97 *

LINE NAME : SC95-05  
 DATE OF SURVEY : OCTOBER 1995  
 SURVEYOR(S) : ASW  
 CLIENT : AMITY OIL N.L.  
 AREA NAME : BONAPARTE BASIN  
 PROSPECT NAME : EP66  
 SURVEY NAME : SANDY CREEK  
 GEOSYSTEMS CREW : 205

DATUM : AUSTRALIAN GEODETIC DATUM 1984  
 SPHEROID : AUSTRALIAN NATIONAL  
 SEMI-MAJOR AXIS : 6378160  
 INVERSE FLATTENING : 298.25  
 PROJECTION : UTM (AUSTRALIAN MAP GRID)  
 ZONE : 52  
 CENTRAL MERIDIAN : 129 EAST  
 FALSE EASTING : 500000  
 FALSE NORTHING : 10000000  
 SCALE AT C.M. : 0.9996

STATION INTERVAL : 20 M

95-05	100	536356	8331088	5.54	00	sol
95-05	105	536437	8331145	5.61	00	
95-05	111	536534	8331215	5.64	00	
95-05	119	536666	8331306	5.44	00	
95-05	126	536779	8331388	5.64	00	
95-05	133	536892	8331470	5.65	00	
95-05	140	537005	8331552	5.68	00P	
95-05	145	537087	8331609	5.65	00	
95-05	149	537152	8331656	5.48	00	
95-05	156	537266	8331738	5.55	00	
95-05	164	537396	8331830	5.57	00	
95-05	171	537511	8331910	5.47	00	
95-05	178	537624	8331992	5.63	00	
95-05	185	537738	8332073	5.59	00	
95-05	192	537852	8332156	5.75	00	
95-05	199	537966	8332236	5.78	00	
95-05	206	538079	8332318	5.88	00	
95-05	213	538194	8332398	5.96	00	
95-05	220	538307	8332480	6.00	00	
95-05	227	538421	8332561	5.72	00	
95-05	234	538535	8332641	6.04	00	
95-05	244	538698	8332758	6.47	00	
95-05	251	0	0	6.53	0	
95-05	258	538926	8332920	6.48	00	
95-05	265	539040	8333001	6.50	00	
95-05	272	539154	8333082	6.58	00	
95-05	274	539186	8333105	6.28	00	
95-05	280	539284	8333174	6.40	00	
95-05	287	539397	8333256	6.33	00	
95-05	294	539511	8333337	6.33	00	
95-05	300	539609	8333407	6.25	00	
95-05	302	539642	8333430	6.68	00	
95-05	307	539723	8333488	6.66	00	
95-05	314	539837	8333569	6.66	00	
95-05	323	539983	8333673	6.62	00	
95-05	330	540097	8333754	6.59	00	
95-05	337	540211	8333836	6.70	00	
95-05	343+10	540316	8333911	6.57	00P	
95-05	345	540341	8333928	6.66	00	
95-05	350	540423	8333986	6.61	00	
95-05	357	540537	8334068	6.53	00	
95-05	364	540651	8334149	6.46	00	

95-05	371	540765	8334230	6.50	00
95-05	378	540878	8334312	6.33	00
95-05	385	540992	8334393	6.28	00
95-05	392	541106	8334475	6.47	00
95-05	399	541220	8334556	6.46	00
95-05	403	541285	8334602	6.30	00
95-05	410	541399	8334683	6.42	00
95-05	412	541432	8334706	6.23	00
95-05	419	541546	8334788	6.49	00
95-05	426	541659	8334869	6.56	00
95-05	432	541757	8334938	6.48	00
95-05	439	541870	8335021	6.18	00
95-05	446	541984	8335102	6.79	00
95-05	453	542097	8335183	6.88	00
95-05	460	542211	8335264	6.99	00
95-05	465+16	542305	8335333	6.99	00P
95-05	468	0	0	7.01	00
95-05	475	542454	8335439	6.99	00
95-05	482	542568	8335520	6.91	00
95-05	489	542682	8335602	7.05	00
95-05	496	542796	8335683	7.07	00
95-05	503	542909	8335765	6.95	00
95-05	510	543023	8335846	7.02	00 eol

Permanent Markers

MITY OIL  
 AGD 84 AHD  
 BONAPARTE BASIN  
 0.00

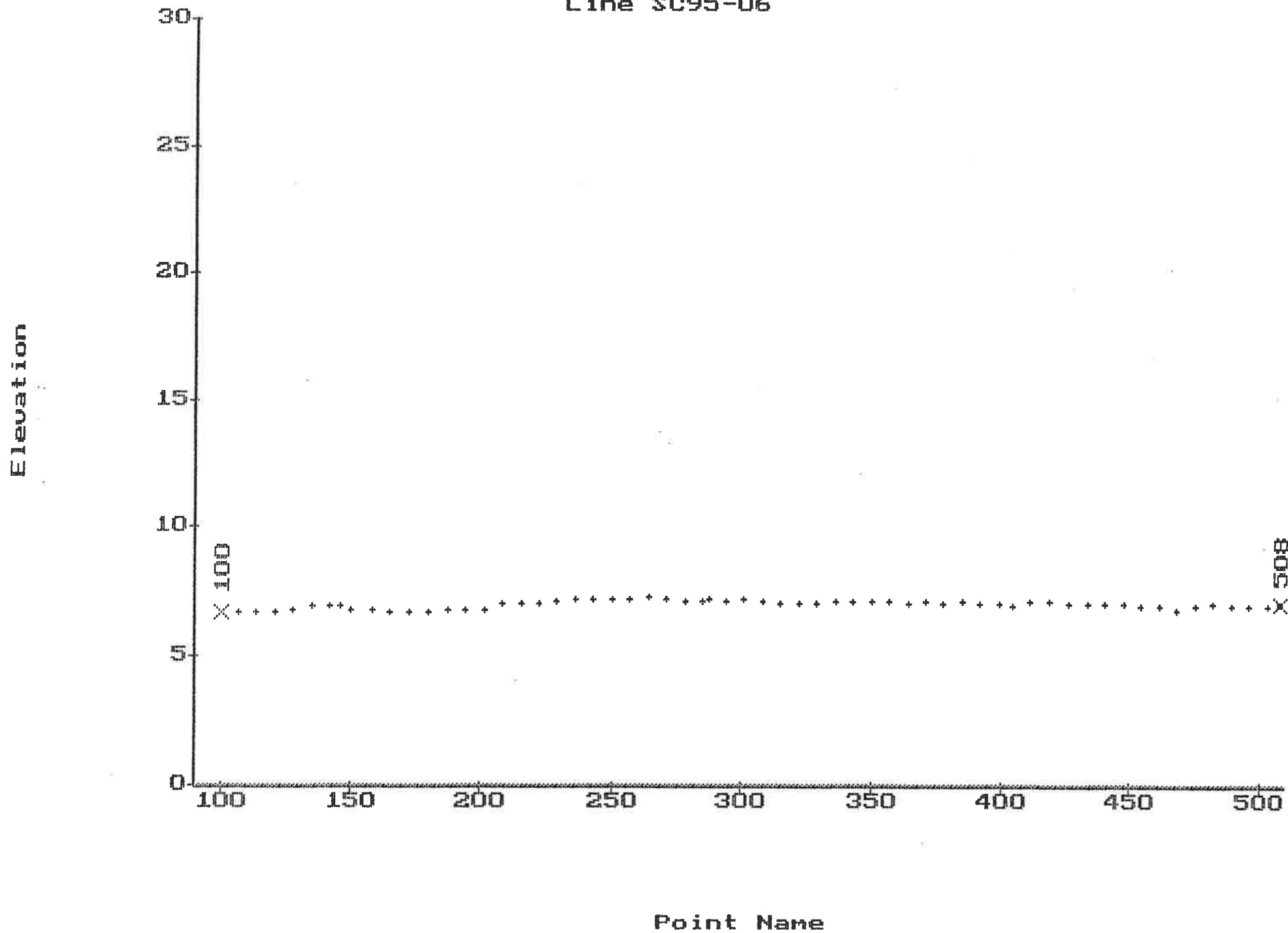
SANDY CREEK  
 UTM projection

OCTOBER 1995  
 AMG ZONE 52 CM=129  
 DYNAMIC SATELLITE SURVEYS

DSS

Line name	Stn	Easting	Northing	Elev.	Comments
SC95-06	150	538256.7	8336398.9	6.8	X SC95-03 @ VP 168+5 EOL @ VP 100 1000M NW
SC95-06	287+15	540490.8	8337999.2	7.2	X SC95-04 @ VP 258+12
SC95-06	508	544064.0	8340561.9	7.0	EOL

Dynamic Satellite Surveys Profile Plot  
Line SC95-06





Satellite

Surveys

# INTERSECTION DIAGRAM

REV 3.0  
April 1999

PROJECT / JOB # \_\_\_\_\_

CLIENT Amity Oil

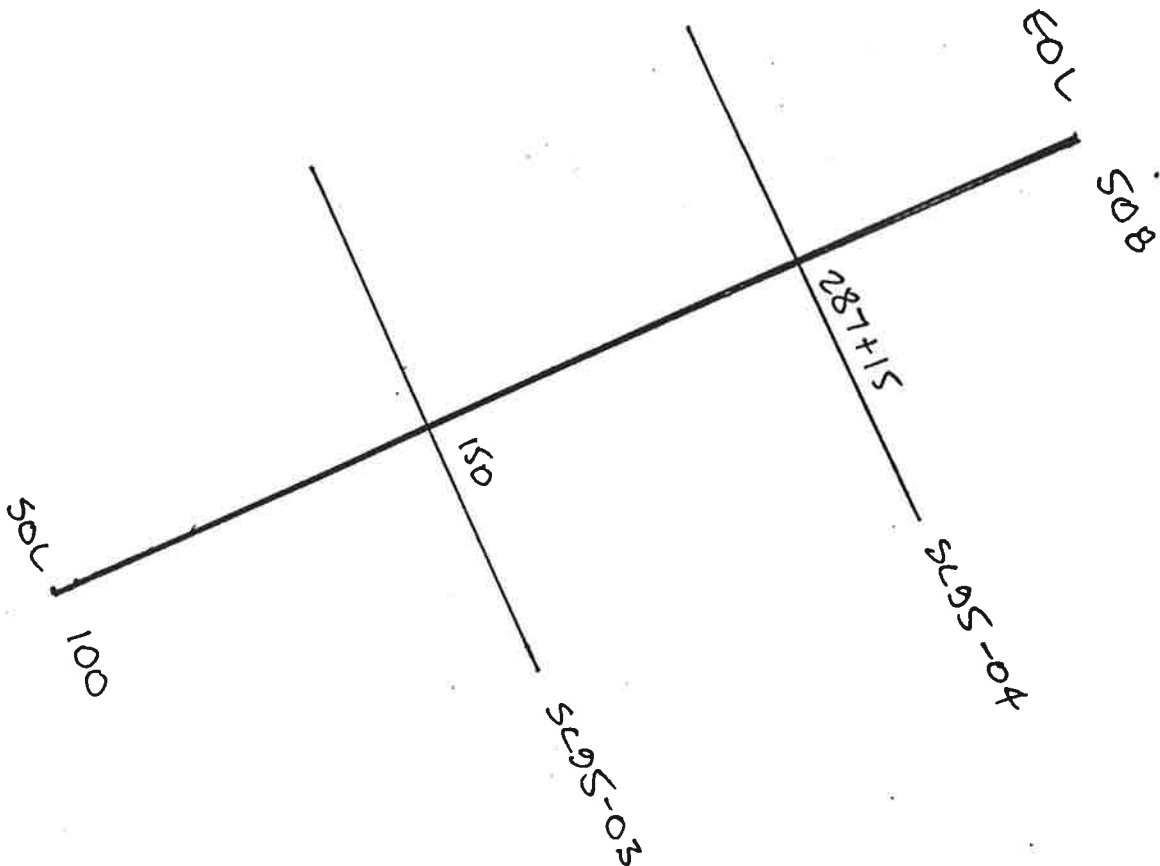
DAY/DATE \_\_\_\_\_

BLOCK: \_\_\_\_\_

AREA (S): SANDY CREEK

Station Interval: 20.0

SC95-06



Not to Scale

Line : SC95-06  
 Time : 06:49:24

File : C:\WORKPROG\SANDY\SC95-06.CRD  
 Date : 10-09-1995

Stn1	Stn2	Brg	Calc Dist	Peg Dist	Diff	Peg Int
100	107	54 14 30 *	140.0	139.6	+0.4	19.94 *
107	114	54 11 33	140.0	139.9	+0.1	19.98 *
114	121	54 45 20	140.0	139.7	+0.3	19.95 *
121	128	54 34 13	140.0	139.9	+0.1	19.98 *
128	135	54 32 48	140.0	139.7	+0.3	19.96 *
135	142	54 24 19	140.0	139.5	+0.5	19.93 *
142	146	54 48 38	80.0	79.9	+0.1	19.98 *
146	150	54 41 48	80.0	79.8	+0.2	19.95 *
150	165	54 24 38	300.0	297.4	+2.6	19.83 *
165	172	54 2 23	140.0	139.7	+0.3	19.95 *
172	180	54 0 49	160.0	158.8	+1.2	19.85 *
180	187	54 38 45	140.0	140.8	-0.8	20.11 *
187	194	54 32 44	140.0	139.6	+0.4	19.94 *
194	201	54 25 11	140.0	140.0	-0.0	20.00 *
201	208	54 13 44	140.0	139.6	+0.4	19.94 *
208	215	54 17 53	140.0	140.0	-0.0	20.00 *
215	222	54 27 31	140.0	140.0	+0.0	20.00 *
222	229	54 20 5	140.0	139.5	+0.5	19.93 *
229	236	54 31 10	140.0	139.8	+0.2	19.97 *
236	243	54 11 33	140.0	139.7	+0.3	19.96 *
243	250	54 25 47	140.0	139.8	+0.2	19.97 *
250	257	54 30 35	140.0	139.7	+0.3	19.96 *
257	264	54 26 13	140.0	139.9	+0.1	19.98 *
264	271	54 31 32	140.0	140.1	-0.1	20.01 *
271	278	54 10 48	140.0	139.9	+0.1	19.98 *
278	285	54 13 45	140.0	139.3	+0.7	19.90 *
285	287+15	55 44 9	55.0	54.7	+0.3	19.89 *
287+15	294	53 8 23 *	125.0	125.3	-0.3	20.04 *
294	301	54 30 48	140.0	139.7	+0.3	19.96 *
301	308	54 15 27	140.0	140.0	+0.0	19.99 *
308	315	54 16 39	140.0	140.1	-0.1	20.02 *
315	322	54 23 32	140.0	139.3	+0.7	19.91 *
322	329	54 18 48	140.0	139.5	+0.5	19.93 *
329	336	54 27 4	140.0	140.0	+0.0	20.00 *
336	343	54 15 37	140.0	139.5	+0.5	19.93 *
343	350	54 32 31	140.0	139.7	+0.3	19.95 *
350	357	54 13 53	140.0	139.6	+0.4	19.94 *
357	364	54 26 36	140.0	139.8	+0.2	19.98 *
364	371	54 10 2	140.0	139.7	+0.3	19.95 *
371	378	54 43 6	140.0	139.7	+0.3	19.96 *
378	385	54 10 43	140.0	139.6	+0.4	19.95 *
385	392	54 38 55	140.0	139.7	+0.3	19.96 *
392	399	54 24 38	140.0	139.6	+0.4	19.94 *
399	404	54 12 23	100.0	100.0	-0.0	20.00 *
404	411	54 9 34	140.0	139.7	+0.3	19.96 *
411	418	54 25 1	140.0	139.7	+0.3	19.96 *
418	426	54 19 12	160.0	159.7	+0.3	19.97 *
426	433	54 24 59	140.0	139.7	+0.3	19.96 *
433	440	54 20 55	140.0	139.7	+0.3	19.96 *
440	447	54 41 43	140.0	139.8	+0.2	19.97 *
447	454	54 23 49	140.0	139.9	+0.1	19.99 *



Stn1	Stn2	Brg	Calc Dist	Peg Dist	Diff	Peg Int
454	461	54 15 29	140.0	139.6	+0.4	19.95 *
461	468	54 15 49	140.0	139.1	+0.9	19.87 *
468	475	54 37 48	140.0	140.4	-0.4	20.06 *
475	482	54 19 52	140.0	139.9	+0.1	19.99 *
482	489	54 13 29	140.0	139.6	+0.4	19.95 *
489	496	54 4 11	140.0	139.8	+0.2	19.97 *
496	503	54 37 19	140.0	139.7	+0.3	19.96 *
503	508	54 59 50	100.0	99.8	+0.2	19.95 *

LINE NAME : SC95-06  
 DATE OF SURVEY : OCTOBER 1995  
 SURVEYOR(S) : ASW  
 CLIENT : AMITY OIL N.L.  
 AREA NAME : BONAPARTE BASIN  
 PROSPECT NAME : EP66  
 SURVEY NAME : SANDY CREEK  
 GEOSYSTEMS CREW : 205

DATUM : AUSTRALIAN GEODETIC DATUM 1984  
 SPHEROID : AUSTRALIAN NATIONAL  
 SEMI-MAJOR AXIS : 6378160  
 INVERSE FLATTENING : 298.25  
 PROJECTION : UTM (AUSTRALIAN MAP GRID)  
 ZONE : 52  
 CENTRAL MERIDIAN : 129 EAST  
 FALSE EASTING : 500000  
 FALSE NORTHING : 10000000  
 SCALE AT C.M. : 0.9996

STATION INTERVAL : 20 M

SC95-06	100	537444	8335819	6.69	00	sol
SC95-06	107	537558	8335901	6.66	00	
SC95-06	114	537671	8335983	6.68	00	
SC95-06	121	537785	8336063	6.70	00	
SC95-06	128	537899	8336145	6.81	00	
SC95-06	135	538013	8336226	6.87	00	
SC95-06	142	538126	8336307	6.86	00	
SC95-06	146	538192	8336353	6.86	00	
SC95-06	150	538257	8336399	6.80	00P	
SC95-06	158	0	0	6.83	0	
SC95-06	165	538499	8336572	6.74	00	
SC95-06	172	538612	8336654	6.70	00	
SC95-06	180	538740	8336747	6.71	00	
SC95-06	187	538855	8336829	6.80	00	
SC95-06	194	538969	8336910	6.81	00	
SC95-06	201	539083	8336991	6.84	00	
SC95-06	208	539196	8337073	6.98	00	
SC95-06	215	539309	8337155	7.02	00	
SC95-06	222	539423	8337236	7.03	00	
SC95-06	229	539537	8337317	7.09	00	
SC95-06	236	539651	8337398	7.19	00	
SC95-06	243	539764	8337480	7.19	00	
SC95-06	250	539878	8337561	7.19	00	
SC95-06	257	539991	8337643	7.22	00	
SC95-06	264	540105	8337724	7.34	00	
SC95-06	271	540219	8337805	7.18	00	
SC95-06	278	540333	8337887	7.12	00	
SC95-06	285	540446	8337968	7.13	00	
SC95-06	287+15	540491	8337999	7.18	00P	
SC95-06	294	540591	8338074	7.14	00	
SC95-06	301	540705	8338156	7.20	00	
SC95-06	308	540818	8338237	7.07	00	
SC95-06	315	540932	8338319	7.01	00	
SC95-06	322	541045	8338400	7.04	00	
SC95-06	329	541159	8338482	6.97	00	
SC95-06	336	541273	8338563	7.07	00	
SC95-06	343	541386	8338644	7.09	00	
SC95-06	350	541500	8338725	7.14	00	
SC95-06	357	541613	8338807	7.06	00	
SC95-06	364	541727	8338888	7.01	00	
SC95-06	371	541840	8338970	7.06	00	
SC95-06	378	541954	8339051	7.03	00	

095-06	385	542067	8339133	7.10	00
095-06	392	542181	8339213	7.01	00
095-06	399	542295	8339295	6.98	00
095-06	404	542376	8339353	6.91	00
095-06	411	542489	8339435	7.08	00
095-06	418	542603	8339516	7.08	00
095-06	426	542732	8339609	6.97	00
095-06	433	542846	8339691	7.00	00
095-06	440	542960	8339772	7.00	00
095-06	447	543074	8339853	6.96	00
095-06	454	543187	8339934	6.95	00
095-06	461	543301	8340016	6.86	00
095-06	468	543414	8340097	6.82	00
095-06	475	543528	8340178	6.94	00
095-06	482	543642	8340260	6.97	00
095-06	489	543755	8340342	6.88	00
095-06	496	543868	8340424	6.93	00
095-06	503	543982	8340505	6.93	00
095-06	508	544064	8340562	7.02	00P eol