U. S. G. S. CONTRACT NO. 14-08-0001-16209

TELEDYNE EXPLORATION

8077

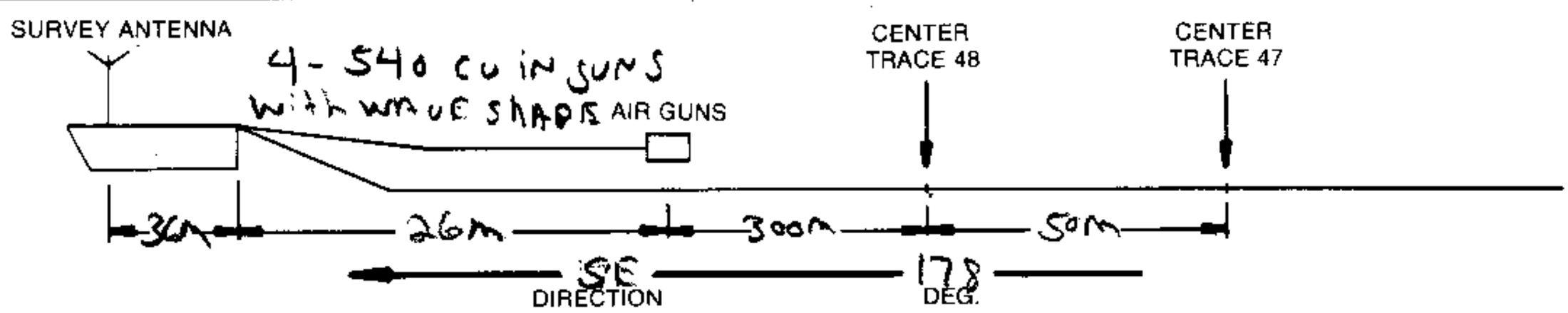
OBSERVER'S DAILY REPORT

JD-292

PARTY NO. 705 **SYSTEM TYPE** DFS IV **DATE** 10-19

CLIENT USGS
LINE NO. TD-2K-K' DIR. 178° DEG.
PROSPECT East Coast USA
LOCATION South AREA
SAMPLE RATE 2 MS. BPI 1600
RECORD LENGTH 12 SEC.

PRIME NAVIGATION SAT NAV / LORAN C
CABLE TYPE TEC 48 TRACE
TRACE INT 48 → 25 = 50m 24 - 1=100m
SHOT INT. 50m
WEATHER B-2
OBSERVER POSTEN / McQUEEN



RECORD				REPRODUCE				
INPUT GAIN (500 OHM IMP)	FILTERS LO/SLOPE	FILTERS HI	MAN / IFP	FILTERS LO	FILTERS HI	TRIP SENSE	INITIAL GAIN	MODE
36+6	out	124	IFP	8	124	36	30	AGC

DECK NO.	REEL NO.	CONSTANTS DAY NO.	CONSTANTS LINE NO.	CONSTANTS DIR. DEG.	FILE NO. FROM	FILE NO. TO	SP NO. FROM	SP NO. TO	TIME START	TIME FINISH
1	1594	292	600250	178	001	050	1554	1505	1206	1223
2	1595				051	100	1504	1455	1223	1239
1	1596				101	150	1454	1405	1239	1255
2	1597				151	200	1404	1355	1255	1311
1	1598				201	250	1354	1305	1311	1328
2	1599				251	300	1304	1253	1328	1344
1	1600				301	350	1252	1203	1344	1401
2	1601				351	400	1202	1153	1401	1418
1	1602				401	450	1152	1103	1418	1436
2	1603				451	500	1102	1053	1436	1456
1	1604				501	550	1052	1003	1456	1515
2	1605				551	600	1002	953	1515	1532
1	1606				601	612	952	941	1532	1537

8077

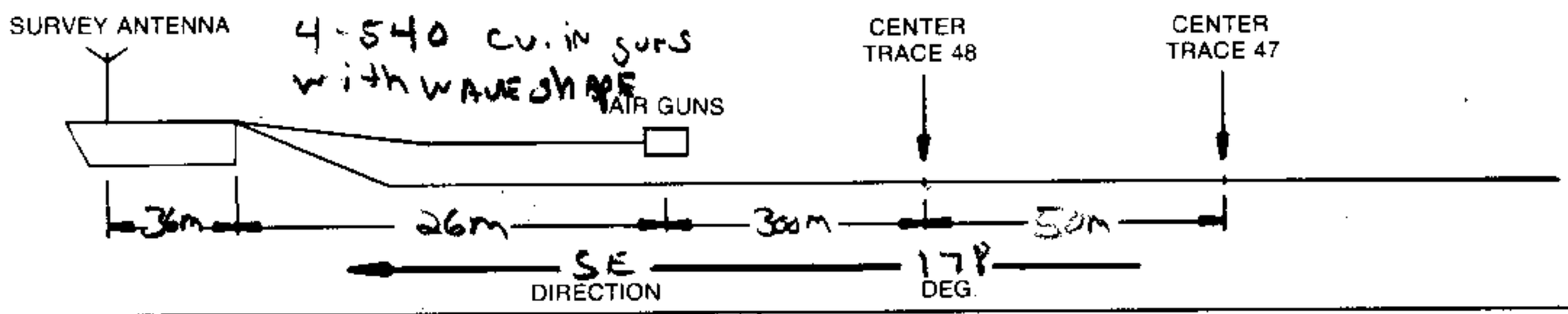
TELEDYNE EXPLORATION

OBSERVER'S DAILY REPORT

PARTY NO. 705 **SYSTEM TYPE** DFS IV **DATE** 10/19

CLIENT U.S.G.S.
LINE NO. ID-2KK-P DIR. 178 DEG.
PROSPECT East Coast
LOCATION South Area
SAMPLE RATE 2 MS. BPI 1600
RECORD LENGTH 12 SEC.

PRIME NAVIGATION Sat Nav/Loran-C
CABLE TYPE TEC 48 Trace
TRACE INT 48-25 = 50m/24-1 = 100 m
SHOT INT. 50 m
WEATHER B-2
OBSERVER Postten @ McQueen



RECORD				REPRODUCE				
INPUT GAIN (500 OHM IMP)	FILTERS LO/SLOPE	FILTERS HI	MAN / IFP	FILTERS LO	FILTERS HI	TRIP SENSE	INITIAL GAIN	MODE
36+6	8	124	IFP	auto	out	36	30	AGC

DECK NO.	REEL NO.	CONSTANTS DAY NO.	CONSTANTS LINE NO.	CONSTANTS DIR. DEG.	FILE NO. FROM	FILE NO. TO	SP NO. FROM	SP NO. TO	TIME START	TIME FINISH
TIME	SP	292-00035	0091							
		Notes								
1331	1289	+ 1287 due to			fluctuation		in ship speed			

LINE NO. TD-2K-K DIR. 178 DEG. PARTY NO. 705 DATE 10-19 PAGE 07 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.372.403.4/445.5426.35	2600 fath	4	2000 lbs	30'	178°	180°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
600	953	EOR 1605 @ 1532	650		
01		SOR 1606	51		
02			52		
03			53		
04	949		54		
05			55		
06			56		
07			57		
08	945		58		
09			59		
10			60		
11			61		
12	941	NC/MR @ 1537	62		
13		SH 178° TBD - 180°	63		
14		WD - 2600 Fath	64		
15		DRIFT - 000°	65		
16			66		
17			67		
18			68		
19			69		
20			70		
21			71		
22			72		
23			73		
24			74		
25			75		
26			76		
27			77		
28			78		
29			79		
30			80		
31			81		
32			82		
33			83		
34			84		
35			85		
36			86		
37			87		
38			88		
39			89		
40			90		
41			91		
42			92		
43			93		
44			94		
45			95		
46			96		
47			97		
48			98		
49			99		

LINE NO. TO-2K-K' DIR. 178 DEG. PARTY NO. 705 DATE 10-19 PAGE 06 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.35 2.46 3.42 4.45 5.42 6.35	2590 FA	4	2000 lbs	30'	181°	180°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
500	1053	EOR 1603 @ 1456	550		EOR 1604 @ 1515
01		SOR 1604	51		SOR 1605 PA-SC
02			52	1001	NC/MR @ 1515
03			53		WD - 2600 FATH
04	1049		54		
05			55		
06			56	997	
07			57		
08	1045		58		
09			59		
10			60	993	
11			61		
12	1041	NC/MR @ 1500	62		
13		WD - 2598 FATH	63		
14			64	989	
15			65		
16	1037		66		
17			67		
18			68	985	
19			69		
20	1033		70		
21			71		
22			72	981	NC/MR @ 1522
23			73		SH - 180° TBB - 179
24	1029		74		WD - 2600 FATH
25			75		DRIFT - 001°
26			76	977	
27			77		
28	1025		78		
29			79		
30			80	973	
31			81		
32	1021	NC/MR @ 1507	82		
33		SH - 181° TBB - 178°	83		
34		WD - 2598 FATH	84	969	
35		DRIFT - 001°	85		
36	1017		86		
37			87		
38			88	965	
39			89		
40	1013		90		
41			91		
42			92	961	NC/MR @ 1529
43			93		WD - 2600 FATH
44	1009		94		
45			95		
46			96	957	
47			97		
48	1005		98		
49			99		

LINE NO. TD-K-17 DIR. 178 DEG. PARTY NO. 705 DATE 10-19 PAGE 05 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.37 2.40 3.42 4.45 5.43 6.35	2612 fath	4	2000 lbs	30'	182°	178°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
400	1153	EOR 1601 @ 1418	450		EOR 1602 @ 1436
01		SOR 1602	51		SOR 1603 PA-SC
02			52	1101	NC/MR @ 1437
03			53		S/H - 181° TBB - 176°
04	1149		54		WD - 2612
05			55		Drift - 001°
06			56	1097	
07			57		
08	1145		58		
09			59		
10			60	1093	
11			61		
12	1141	NC/MR @ 1422	62		
13		SH 182° TBB - 178°	63		
14		WD - 2612 Fath	64	1089	
15		Drift - 002°	65		
16	1137		66		
17			67		
18			68	1085	
19			69		
20	1133		70		
21			71		
22			72	1081	NC/MR @ 1444
23			73		WD - 2590 Fath
24	1129		74		
25			75		
26			76	1077	
27			77		
28	1125		78		
29			79		
30			80	1073	
31			81		
32	1121	NC/MR @ 1429	82		
33		WD - 2612 Fath	83		
34			84	1069	
35			85		
36	1117		86		
37			87		
38			88	1065	
39			89		
40	1113		90		
41			91		
42			92	1061	NC/MR @ 1452
43			93		SH - 181° TBB - 180°
44	1109		94		WD - 2590 Fath
45			95		Drift - 003°
46			96	1057	
47			97		
48	1105		98		
49			99		PA-SC

LINE NO. 70-15' DIR. 178 DEG. PARTY NO. 705 DATE 10-19 PAGE 04 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1362.4 03.42 4455.4 2635	8608 FA	4	2000 lbs	30'	181°	181°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
300	1253	EOR 1599 @ 1344	350		EOR 1600 @ 1401
01		SOR 1600	51		SOR 1601
02			52	1201	NC/MR @ 1402
03			53		WD - 2612 FATH
04	1249		54		
05			55		
06			56	1197	
07			57		
08	1245		58		
09			59		
10			60	1193	
11			61		
12	1241	NC/MR @ 1348	62		
13		WD - 2610 FATH	63		
14			64	1189	
15			65		
16	1237		66		
17			67		
18			68	1185	
19			69		
20	1233		70		
21			71		
22			72	1181	NC/MR @ 1408
23			73		SH - 180° TBB - 175°
24	1229		74		WD - 2612 FATH
25			75		DRIFT - 003°
26			76	1177	
27			77		
28	1225		78		
29			79		
30			80	1173	
31			81		
32	1221	NC/MR @ 1355	82		
33		SH - 179° TBB - 181°	83		
34		WD - 2610 FATH	84	1169	
35		DRIFT - 002°	85		
36	1217		86		
37			87		
38			88	1165	
39			89		
40	1213		90		
41			91		
42			92	1161	NC/MR @ 1415
43			93		WD - 2612 FATH
44	1209		94		
45			95		
46			96	1157	
47			97		
48	1205		98		
49			99		

LINE NO. TD-KK' DIR. 178 DEG. PARTY NO. 705 DATE 10-19 PAGE 03 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.38 2.40 3.42 4.45 5.44 6.35	2605 FAth	4	2000 lbs	30'	183°	179°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
200		EOR 1597 @ 1311	250	1305	EOR 1598 @ 1327
01		SOR 1598	51		SOR 1599
02	1353		52		
03			53		
04			54	1301	NC/MR @ 1328
05			55		SH 182° TBB-177°
06	1349		56		WD- 2622 FAth
07			57		DRift - 001
08			58	1297	
09			59		
10	1345		60		
11			61		
12			62	1293	
13			63	1292	
14	1341	NC/MR @ 1316	64	1291	
15		SH - 183° TBB-179°	65	1290	
16		WD - 2605 FAth	66	1289	
17		DRift 004°	67	1286	
18	1337		68	1285	
19			69		
20			70		
21			71		
22	1333		72		
23			73		
24			74	1279	NC/MR @ 1334
25			75	1278	WD- 4608
26	1329		76	77	
27			77	76	
28			78	1273	
29			79		
30	1325		80		
31			81		
32			82	1271	
33			83		
34	1321	NC/MR @ 1322	84		PA. SC
35		WD- 2620 Fath	85		
36			86	1269	
37			87		
38	1317		88		
39			89		
40			90	1263	
41			91		
42	1313		92	1261	NC/MR @ 1340
43			93		SH- 181° TBB-181°
44			94		WD- 4608
45			95		DRift - 004°
46	1309		96	1257	
47			97		
48			98		
49			99		

LINE NO. ID-K-K DIR. 178 DEG. PARTY NO. 705 DATE 10-19 PAGE 02 6077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.35 2.46 3.41 4.45 5.42 6.35	2590 FAth	4	2000 lbs	30'	181°	177°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
100		EOR 1595 @ 1239	150	1405	EOR 1596 @ 1255
01		SOR 1596	51		SOR 1597
02	1453		52		
03			53		
04			54	1401	NC/MR @ 1256
05			55		WD - 2598 FAth
06	1449		56		
07			57		
08			58	1397	
09			59		
10	1445		60		
11			61		
12			62	1393	
13			63		
14	1441	NC/MR @ 1243	64		
15		WD - 2591 FAth	65		
16			66	1389	
17			67		
18	1437		68		
19			69		
20			70	1385	
21			71		
22	1433		72		
23			73		
24			74	1381	NC/MR @ 1302
25			75		SH - 185° TBB - 175°
26	1429		76		WD - 2596 FAth
27			77		Drift - 008°
28			78	1377	
29			79		
30	1425		80		
31			81		
32			82	1373	
33			83		
34	1421	NC/MR @ 1250	84		
35		SH - 181° TBB - 177°	85		
36		WD - 2596 FAth	86	1369	
37		Drift - 000	87		
38	1417		88		
39			89		
40			90	1365	
41			91		
42	1413		92		
43			93		
44			94	1361	NC/MR @ 1309
45			95		WD - 2596 FAth
46	1409		96		
47			97		
48			98	1357	
49			99		

LINE NO. TD-KK DIR. 178 DEG. PARTY NO. 705 DATE 10-19 PAGE 01 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.37 2.40 3.41 4.45 5.42 6.35	2590 fath	4	2000 lbs	30'	180°	183°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
00			50	1505	EOR 1594 @ 1223
01	1554	SOR 1594 @ 1206	51		SOR 1595
02			52		
03			53		
04	1551		54	1501	NC/MR @ 1224
05		@ 1208	55		SH- 180° TBB-178°
06			56		WD- 2590 Fath
07			57		Drift- 001°
08	1547		58	1497	
09			59		
10			60		
11			61		
12	1543		62	1493	
13			63		
14	1541	NC/MR @ 1211	64		
15		SH- 180° TBB-183°	65		
16	1539	WD - 2590 Fath	66	1489	
17		Drift - 001°	67		
18	1537		68		
19			69		
20	1535		70	1485	
21			71		
22	1533		72		
23			73		
24	1		74	1481	NC/MR @ 1230
25			75		WD - 2590 Fath
26	1529		76		
27			77		
28			78	1477	
29			79		
30	1525		80		
31			81		
32			82	1473	
33			83		
34	1521	NC/MR @ 1217	84		
35		WD - 2590 Fath	85		
36			86	1469	
37			87		
38	1517		88		
39			89		
40			90	1465	
41			91		
42	1513		92		
43			93		
44			94	1461	NC/MR @ 1237
45			95		SH- 181° TBD-177°
46	1509		96		WD - 2590
47			97		Drift - 000
48			98	1457	
49			99		