



PE600103

SEISMOGRAPH SERVICE LIMITED
WELL GEOPHONE SURVEY FIELD REPORT
AIR GUN

23 MAR 1983 Sheet 1 of 2

OIL and GAS DIVISION

WELL NAME DISCOVERY BAY NO. 1 COUNTRY AUSTRALIA (OFFSHORE) JOB NO. Q58 W 783 DISCOVERY BAY-1. W.C.R.
CLIENT PHILLIPS AUSTRALIAN OIL COMPANY WELL LOCATION 38° 24' 42.944" DATE OF SURVEY 13.10.82
141° 04' 20.588" RIG NAME & HEADING Diamond M
EPOCH - 275°

WELL GEOPHONE REF. LEVEL KB ELEVATION OF REF. LEVEL 23.0m GUN OFFSET DISTANCE 39.9m
TYPE GEOPHONE GCH 100 ELEVATION OF SEA BED -96.0m GUN DEPTH 50m
TYPE INSTRUMENT DCA/DCR ELEVATION OF GROUND -- GUN HYDROPHONE DEPTH 7.8m
GUN CHAMBER SIZE 80 cu.in. DEPTH CASING & SIZE 1199m @ 13,3/8" GUN DIRECTION 150°
EQUIPMENT NO. Q4 SAMPLE INTERVAL 2ms MULTIPLEX TIME 35
CASSETTES REWOUND/NOT REWOUND NO. OF CASSETTES 4

Tape Counter	Record No.	Depth Well Geophone M or Ft.	No. of Shots	Time Recorded Hours	T ms	GAIN dB		Filter Setting High Cut Hz.	Gun Pressure p.s.i.	REMARKS
						Record	DHA			
102-104	1	1030	3	11.15		21/18	ON	55	2000	
105-109	2	2737	5	12.15		109(42)	"	"	1500	
110-112	3	2659	3	12.21		36	"	"	"	
113-115	4	2522	3	12.28		36	"	"	"	
116-118	5	2476	3	12.32		39	:	:	"	
119-121	6	2408	3	12.39		36	"	"	"	
122-124	7	2292	3	12.44		33	"	"	"	
125-127	8	2193	3	12.54		33	"	"	"	
128-129	9	2091	2	13.00		33	"	"	"	
201-205	10	1966	5	13.08		33	"	"	"	
206-208	11	1883	3	13.13		33	"	"	"	
209-212	12	1838	4	13.32		30	"	"	"	
213-216	13	1745	4	13.33		30	"	"	"	
217-221	14	1625	5	13.42		27	"	"	"	
222-226	15	1531	5	13.53		27	"	"	"	
301-302 227-228	16	1376	4	14.07		24	"	"	"	
303-308	17	1302	6	14.21		24	"	"	"	
309-312	18	1282	4	14.27		24	"	"	"	

WELL SEISMIC DATUM MSL DEPTH WEATHERING _____ ELEVATION VELOCITY _____ WEATHERING VELOCITY _____
ELEVATION REF. DATUM _____ DIRECTION GUN HYDROPHONE BREAKS DOWN
DIRECTION WELL PHONE BREAKS DOWN OPERATORS G.STOKES/D.LEWIS
ADDRESS DATA SHOULD BE SENT _____

REMARKS _____

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 CLIENT PHILLIPS AUSTRALIAN OIL WELL LOCATION _____ DATE OF SURVEY _____
 COMPANY. _____ RIG NAME & HEADING _____

WELL GEOPHONE REF. LEVEL _____ ELEVATION OF REF. LEVEL _____ GUN OFFSET DISTANCE _____
 TYPE GEOPHONE _____ ELEVATION OF SEA BED _____ GUN DEPTH _____
 TYPE INSTRUMENT _____ ELEVATION OF GROUND _____ GUN HYDROPHONE DEPTH _____
 GUN CHAMBER SIZE _____ DEPTH CASING & SIZE _____ GUN DIRECTION _____
 EQUIPMENT NO. _____ SAMPLE INTERVAL _____ MULTIPLEX TIME _____
 CASSETTES REWOUND/NOT REWOUND _____ NO. OF CASSETTES _____

Tape Counter	Record No.	Depth Well Geophone M or Ft.	No. of Shots	Time Recorded Hours	T ms	GAIN dB		Filter Setting High Cut Hz.	Gun Pressure p.s.i.	REMARKS
						Record	DHA			
313-316	19	1235	4	14.39		24	ON	55	1500	
317-318	20	1125	2	14.43		21	"	"	"	
319-320	21	1030	2	14.47		18	"	"	"	
321-322	22	930	2	14.52		18	"	"	"	
323-324	23	795	2	14.56		15	"	"	"	
325-326	24	645	2	15.01		12	"	"	"	
327-328	25	500	2	15.06		12	"	"	"	
401-402	26	400	2	15.11		9	"	"	"	
403-404	27	300	2	15.15		6	"	"	"	Casing

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