

DEPT. NAT. RES & ENV



PE905428

OIL and GAS DIVISION

ADDENDUM 3

15 NOV 1983

PHILLIPS AUSTRALIAN OIL COMPANY

ATHENE NO. 1

WELL VELOCITY SURVEY

W817

W 817

ADDENDUM 3

15 NOV 1983

SEISMOGRAPH SERVICE LIMITED

Sheet 1 of 3

OIL and GAS DIVISION

WELL GEOPHONE SURVEY FIELD REPORT
AIR GUN

WELL NAME ATHENE NO. 1 COUNTRY AUSTRALIA (OFFSHORE) JOB NO. _____
 CLIENT PHILLIPS AUSTRALIAN WELL LOCATION 38° 35' 52.188" S DATE OF SURVEY 8-7-83
 OIL COMPANY. _____ 148° 20' 20.628" E RIG NAME & HEADING DIAMOND M EPOCH
 @ 225°

WELL GEOPHONE REF. LEVEL K.B. ELEVATION OF REF. LEVEL 23.0 m GUN OFFSET DISTANCE 49.24 m
 TYPE GEOPHONE GCH 100 HT ELEVATION OF SEA BED -243.0m GUN DEPTH 10 m
 TYPE INSTRUMENT DCA/DCR/R4 ELEVATION OF GROUND N/A GUN HYDROPHONE DEPTH 12.5 m
 GUN CHAMBER SIZE 80 cu in DEPTH CASING & SIZE 2750m @ 9 5/8" GUN DIRECTION 268.96°
 EQUIPMENT NO. 04 SAMPLE INTERVAL 2ms MULTIPLEX TIME 3 seconds
 CASSETTES REWOUND NOT REWOUND NO. OF CASSETTES 6

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			
101-103	1	500	3	22:50		31	ON	55	1800	
104-114	2	1600	11			54	"	"	"	
115-120	3	3375	8			61	"	"	"	
121-126	4	3299	6			63	"	"	"	
127-131	5	3224					"	"	"	
		ABANDOND DUE TO TOOL FAILURE								
301-304	1	500	4	12:40		3	ON	55	1800	
305-307	2	1600	3			21	"	"	"	
308-310	3	3375	3	14:30		33	"	"	"	
311-313	4	3299	3			30	"	"	"	
314-316	5	3224	3			"	"	"	"	
317-319	6	3117	3			"	"	"	"	
320-322	7	3020	3			"	"	"	"	
323-325	8	2938	3	15:00		"	"	"	"	
326-331	9	2861	6			"	"	"	"	
401-403	10	2782	3			33	"	"	"	
404-407	11	2745	4			30	"	"	"	

WELL SEISMIC DATUM MSL DEPTH WEATHERING // ELEVATION VELOCITY // WEATHERING VELOCITY //
 ELEVATION REF. DATUM /// DIRECTION GUN HYDROPHONE BREAKS DOWN
 DIRECTION WELL PHONE BREAKS DOWN OPERATORS C. GARMSTON / P. SIFFLEET
 ADDRESS DATA SHOULD BE SENT _____

REMARKS _____

SEISMOGRAPH SERVICE LIMITED
WELL GEOPHONE SURVEY FIELD REPORT
AIR GUN

WELL NAME _____ COUNTRY _____ JOB NO. _____
 CLIENT _____ WELL LOCATION _____ DATE OF SURVEY _____
 _____ 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			
408-412	12	2715	5			30	ON	55	2000	
413-415	13	2630	3			33	"	"	1800	
416-418	14	2550	3			"	"	"	1500	
419-424	15	2470	6	15:50		"	"	"	"	
425-432	16	2370	8	15:55		"	"	"	"	
501-503	17	2270	3	16:05		30	"	"	"	
504-507	18	2175	4	16:10		"	"	"	"	
508-514	19	2100	7	16:15		"	"	"	"	
515-518	20	2000	4	16:20		27	"	"	"	
519-524	21	1900	6	16:25		"	"	"	"	
525-527	22	1800	3	16:30		"	"	"	"	
528-530	23	1715	3	16:35		24	"	"	"	
531-601	24	1600	4	16:39		"	"	"	"	
602-604	25	1500	3	16:43		"	"	"	"	
605-607	26	1400	3	16:47		"	"	"	"	
608-610	27	1290	3	16:50		21	"	"	"	
611-613	28	1200	3	16:55		18	"	"	"	
614-616	29	1110	3	17:00		"	"	"	"	

WELL SEISMIC DATUM _____ DEPTH WEATHERING _____ ELEVATION VELOCITY _____ WEATHERING VELOCITY _____
 ELEVATION REF. DATUM _____ DIRECTION GUN HYDROPHONE BREAKS _____
 DIRECTION WELL PHONE BREAKS _____ OPERATORS _____
 ADDRESS DATA SHOULD BE SENT _____

REMARKS _____

PE604138

This is an enclosure indicator page.
The enclosure PE604138 is enclosed within the
container PE905428 at this location in this
document.

The enclosure PE604138 has the following characteristics:

- ITEM_BARCODE = PE604138
- CONTAINER_BARCODE = PE905428
 - NAME = Athene-1 Velocity Log (10cm=100m)
 - BASIN = GIPPSLAND
 - PERMIT = VIC/P18
 - TYPE = WELL
 - SUBTYPE = WELL_LOG
- DESCRIPTION = Athene-1 Velocity Log, with Linear Time
Scale (10cm = 100 m). Enclosure from
addendum 3 of WCR
- REMARKS = Corrections applied to Vertical Depths
- DATE_CREATED = 08/07/1983
- DATE_RECEIVED = 27/07/1983
 - W_NO = W817
 - WELL_NAME = Athene-1
 - CONTRACTOR = Seismograph Service Limited (Inc in
England. Reg in W.A.)
 - CLIENT_OP_CO = Phillips Australian Oil Company

(Inserted by DNRE - Vic Govt Mines Dept)

PE604139

This is an enclosure indicator page.
The enclosure PE604139 is enclosed within the
container PE905428 at this location in this
document.

The enclosure PE604139 has the following characteristics:

ITEM_BARCODE = PE604139
CONTAINER_BARCODE = PE905428
 NAME = Athene-1 Velocity Log (20cm=100m)
 BASIN = GIPPSLAND
 PERMIT = VIC/P18
 TYPE = WELL
 SUBTYPE = WELL_LOG
DESCRIPTION = Athene-1 Velocity Log, Linear Time
 Scale (20cm = 100m). Enclosure from
 addendum 3 of WCR.
REMARKS =
DATE_CREATED = 08/07/1983
DATE_RECEIVED = 27/07/1983
 W_NO = W817
 WELL_NAME = Athene-1
CONTRACTOR = Seismograph Service Limited (Inc in
 England. Reg in W.A.)
CLIENT_OP_CO = Phillips Australian Oil Company

(Inserted by DNRE - Vic Govt Mines Dept)

PE603708

This is an enclosure indicator page.
The enclosure PE603708 is enclosed within the
container PE905428 at this location in this
document.

The enclosure PE603708 has the following characteristics:

ITEM_BARCODE = PE603708
CONTAINER_BARCODE = PE905428
NAME = Athene 1 calibrated log data
BASIN = GIPPSLAND
ON_OFF = OFFSHORE
PERMIT = VIC/P18
TYPE = WELL
SUBTYPE = LOG
DESCRIPTION = Athene 1 Calibrated Log Data from
Addendum 3 (Well Velocity Survey)
REMARKS =
DATE_CREATED = 07/09/83
DATE_RECEIVED = 27/7/83
W_NO = W817
WELL_NAME = Athene 1
CONTRACTOR = Seismograph Service Ltd
CLIENT_OP_CO = Phillips Australian Oil Company

(Inserted by DNRE - Vic Govt Mines Dept)

PE905144

This is an enclosure indicator page.
The enclosure PE905144 is enclosed within the
container PE905428 at this location in this
document.

The enclosure PE905144 has the following characteristics:

ITEM_BARCODE = PE905144
CONTAINER_BARCODE = PE905428
 NAME = Display of Well Geophone Records
 BASIN = GIPPSLAND
 PERMIT = VIC/P18
 TYPE = SEISMIC
 SUBTYPE = CHART
DESCRIPTION = Athene-1 Display of Well Geophone
 Records. Enclosure from Addendum 3
 (Well Velocity Survey) of WCR.
REMARKS =
DATE_CREATED =
DATE_RECEIVED = 27/07/1983
 W_NO = W817
 WELL_NAME = Athene-1
 CONTRACTOR = Seismograph Service (England) Limited
 CLIENT_OP_CO = Phillips Australian Oil Company

(Inserted by DNRE - Vic Govt Mines Dept)

PE905145

This is an enclosure indicator page.
The enclosure PE905145 is enclosed within the
container PE905428 at this location in this
document.

The enclosure PE905145 has the following characteristics:

ITEM_BARCODE = PE905145
CONTAINER_BARCODE = PE905428
 NAME = Velocity Listings, two-way travel time
 BASIN = GIPPSLAND
 PERMIT = VIC/P18
 TYPE = WELL
 SUBTYPE = VELOCITY_CHART
DESCRIPTION = Athene-1 Listing of Two-way travel time
 (sec) below datum of mean sea level,
 vertical depth (m) below datum of mean
 sea level, velocitys (m/sec),
 Reflection Coefficients and two-way
 transmission loss. Enclosure from
 addendum 3 of WCR.
REMARKS = Numerical Listing
DATE_CREATED =
DATE_RECEIVED = 27/07/1983
 W_NO = W817
 WELL_NAME = Athene-1
CONTRACTOR = Seismograph Service (England) Limited,
 Well Survey Division
CLIENT_OP_CO = Phillips Australian Oil Company

(Inserted by DNRE - Vic Govt Mines Dept)