

912981 001

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WELL DATA
FOLDER FOR
MARLIN-A24
(W670)

CORE ANALYSIS RESULTS

912981 002

Company ESSO STANDARD OIL (AUST) LTD. Formation _____ File AP3 212
 Well MARLIN A 24 Core Type _____ Date Report 16 JULY 73
 Field _____ Drilling Fluid _____ Analysts WWF
 County _____ State _____ Elev. _____ Location _____

Lithological Abbreviations

SAND - SD DOLOMITE - DOL ANHYDRITE - ANHY SANDY - SDY FINE - FN CRYSTALLINE - XLN BROWN - BRN FRACTURED - FRAC SLIGHTLY - SL/
 SHALE - SH CHERT - CH CONGLOMERATE - CONG SHALY - SHY MEDIUM - MED GRAIN - GRN GRAY - GY LAMINATION - LAM VERY - V/
 LIME - LM GYPSUM - GYP FOSSILIFEROUS - FOSS LIMY - LMY COARSE - CSE GRANULAR - GRNL VUGGY - VGY STYLOLITIC - STY WITH - W/

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCYS	POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE		SAMPLE DESCRIPTION AND REMARKS
				OIL	TOTAL WATER	
1	8753	292	19.4			CORE No. 1
2	8770	160	16.3			CORE No. 2
3	8796	0.3	12.0			CORE No. 2
4	8806	69	17.2			CORE No. 3
5	8836	169	19.4			CORE No. 3

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ANGEW-GO-WESTERN PTY. LTD.
582 ST. KILDA ROAD
MELBOURNE, VICTORIA 3004

19 JUL 1973
MINES DEPT.
912981 003

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ESSO AUSTRALIA LIMITED

MARLIN

MARLIN No. 24
JUNE 22, 1973

PURPOSE: OBTAIN SUBSURFACE PRESSURES WITH AMERADA GAUGES RUN
IN TANDEM WITH SCHLUMBERGER FORMATION INTERVAL TESTER.

TOOLS USED: AMERADA 11,800 PSI ELEMENT SERIAL No. 8282 12 HOUR CLOCK

F.I.T. TEST No. 1 @ 10,720'

<u>HOURS</u>	<u>PSIG</u> <u>11,800</u>	<u>REMARKS</u>
0926		RUN IN HOLE
1037		SET TOOL
1038	3466.1	FIRE SHAPE CHARGE AND SAMPLE
1039	3466.1	
1040	3466.1	
1041	3466.1	
1042	3484.4	FORMATION PRESSURE
1043	3484.4	
1044	3484.4	
1045	3484.4	
1046	3484.4	
1047	3484.4	
1048	3484.4	
1049	3484.4	
1050	3484.4	
1051	3484.4	
1052	3484.4	
1053	3484.4	
1054	3484.4	
1055	3484.4	
1056	3484.4	
1057	3484.4	
1058	3484.4	
1059	3484.4	
1100	3484.4	
1101	3484.4	
1102	3484.4	
1103	3484.4	
1104	3484.4	
1105	3484.4	
1106	3484.4	
1107	3496.6	SEAL SAMPLER } PSEUDO SHUT-IN PRESSURE
1108	3496.6	
1109	3496.6	
1110	4566.2	RELEASE TOOL - HYDROSTATIC
1111	4566.2	
1112	4566.2	
1113		START OUT OF HOLE

ESSO AUSTRALIA LIMITED

MARLIN

MARLIN No. 24
 JUNE 22, 1973

PURPOSE: OBTAIN SUBSURFACE PRESSURES WITH AMERADA GUAGES RUN
 IN TANDEM WITH SCHLUMBERGER FORMATION INTERVAL TESTER.

TOOLS USED: AMERADA 8500 PSI ELEMENT SERIAL No. 9391 12 HOUR CLOCK
 AMERADA 11,800 PSI ELEMENT SERIAL No.8282 12 HOUR CLOCK

F.I.T. TEST No. 2 @ 10,640'

<u>HOURS</u>	<u>PSIG</u> <u>8500</u>	<u>PSIG</u> <u>11,800</u>	<u>REMARKS</u>
1303			RUN IN HOLE
1351			SET TOOL
1352			FIRE SHAPED CHARGE AND SAMPLE
1353	3462	3472.2	} FLOW SEEMS TO BE BLOCKING MUD AND CEMENT
1354	3432.1	3441.3	
1355	3462	3472.2	
1356	3479.1	3490.5	
1357	3479.1	3490.5	
1358	3479.1	3490.5	
1359	3551.8	3557.7	
1400	3671.5	3661.5	
1401	3821.1	3918.1	
1402	3953.5	4284.4	
1403	*4295.3	4315.4	
1404	*4308.2	4339.9	
1405	*4316.7	4346	
1406	*4329.5	4346	
1407	4598.8	4596.8	RELEASE TOOL - HYDROSTATIC
1408	---	4596.8	
1409	4598.8	4596.8	
1440			OUT OF HOLE

*LINE TO AMERADA BLOCKED

ESSO AUSTRALIA LIMITED

MARLIN

MARLIN No.24
 JUNE 24, 1973

PURPOSE: OBTAIN SUBSURFACE PRESSURES WITH AMERADA GAUGES RUN IN
 TANDEM WITH SCHLUMBERGER FORMATION INTERVAL TESTER.

TOOLS USED: AMERADA 8500 PSI ELEMENT SERIAL No. 9391 12 HOUR CLOCK
 AMERADA 11,800 PSI ELEMENT SERIAL No.8282 12 HOUR CLOCK

F.I.T. TEST No. 8 @ 10,360'

<u>HOURS</u>	<u>PSIG 8500</u>	<u>PSIG 11,800</u>	<u>REMARKS</u>
1300			RUN IN HOLE
1355			SET TOOL
1356			OPEN CHAMBER
1357	3162.4	3240.1	} AMERADA PSI ELEMENT 8500 - SERIAL No. 9391 GAUGE STEPPING AS IF PRESSURE IS BEING BLOCKED TO IT.
1358	3222.4	3301.2	
1359	3303.7	3380.6	
1400	3436.3	3453.8	
1401	3491.9	3496.6	
1402	3517.6	3514.9	
1403	3543.2	3539.4	
1404	3564.2	3557.7	
1405	3577.5	3576	
1406	3590.3	3594.3	
1407	3603.1	3606.5	
1408	3615.9	3618.8	
1409	3624.5	3624.9	
1410	3628.8	3631	
1411	3633	3637.1	SEAL CHAMBER
1412	3658.7	3667.6	} PSEUDO SHUT-IN RELEASE TOOL
1413	--	3667.6	
1414	3654.4	3667.6	
1416	4645.8	4664.2	HYDROSTATIC

ESSO AUSTRALIA LIMITED

MARLIN

MARLIN No. 24
JUNE 24, 1973

PURPOSE: OBTAIN SUBSURFACE PRESSURES WITH AMERADA GAUGES RUN IN
TANDEM WITH SCHLUMBERGER FORMATION INTERVAL TESTER.

TOOLS USED: AMERADA 8500 PSI ELEMENT SERIAL No. 9391 12 HOUR CLOCK
AMERADA 11,800 PSI ELEMENT SERIAL No. 8282 12 HOUR CLOCK

F.I.T. TEST No. 12 @ 9514'

<u>HOURS</u>	<u>PSIG 8500</u>	<u>PSIG 11,800</u>	<u>REMARKS</u>
2220			RUN IN HOLE
2311			SET TOOL
2312			OPEN CHAMBER AND SAMPLE
2313	3427.8	3417.7	
2314	3427.8	3429.4	
2315	3474.8	3472.2	
2316	3513.3	3508.8	
2317	3568.9	3563.8	
2318	3611.7	3618.8	
2319	3654.4	3667.6	
2320	3701.4	3740.9	
2321	3748.4	3747	CLOSE CHAMBER
2322	3757	3759.2	PSEUDO SHUT-IN
2323	3757	3759.2	}
2324	3757	3759.2	
2325	4291.1	4290.1	RELEASE TOOL
2326	4291.1	4290.1	HYDROSTATIC START OUT OF HOLE
2349			OUT OF HOLE

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ESSO AUSTRALIA LIMITED

MARLIN

MARLIN No. 24
 JUNE 25, 1973

PURPOSE: OBTAIN SUBSURFACE PRESSURES WITH AMERADA GAUGES RUN IN TANDEM WITH SCHLUMBERGER FORMATION INTERVAL TESTER.

TOOLS USED: AMERADA 8500 PSI ELEMENT SERIAL No. 9391 12 HOUR CLOCK
 AMERADA 11,800 PSI ELEMENT SERIAL No. 8282 12 HOUR CLOCK

F.I.T. TEST No. 14 @ 10,443'

<u>HOURS</u>	<u>PSIG 8500</u>	<u>PSIG 11,800</u>	<u>REMARKS</u>
1955			RUN IN HOLE
2041			SET TOOL
2042			OPEN CHAMBERS
2043	3701.4	3698.2	
2044	3701.4	3704.3	
2045	3718.5	3716.5	
2046	3718.5	3716.5	
2047	3718.5	3716.5	
2048	3718.5	3716.5	
2049	3718.5	3716.5	
2050	3718.5	3716.5	
2051	3718.5	3716.5	
2052	3718.5	3716.5	
2053	3757	3753.1	SEAL CHAMBERS - PSEUDO
2054	3757	3753.1	SHUT IN
2055	4568.8	4560.1	RELEASE TOOL
2056	4568.8	4560.1	} HYDROSTATIC
2057	4568.8	4560.1	
2123			OUT OF HOLE

F.I.T. TEST No. 15 @ 9220'

<u>HOURS</u>	<u>PSIG 8500</u>	<u>PSIG 11,800</u>	<u>REMARKS</u>
2219			RUN IN HOLE
2311			SET TOOL
2312			OPEN CHAMBER
2313	3329.4	3301.7	
2314	3333.6	3319.5	
2315	3337.9	3319.5	
2316	3337.9	3325.6	
2317	3337.9	3325.6	
2318	3337.9	3325.6	
2319	3337.9	3331.7	
2320	3337.9	3331.7	
2321	3342.2	3337.8	
2322	3367.9	3362.2	SEAL CHAMBER - PSEUDO
2323	3367.9	3362.2	SHUT-IN
2324	4047.5	4040.3	RELEASE TOOL
2325	4047.5	4040.3	} HYDROSTATIC
2326	4047.5	4040.3	
0011			OUT OF HOLE 26-6-73

PE912982

This is an enclosure indicator page.
The enclosure PE912982 is enclosed within the
container PE912981 at this location in this
document.

The enclosure PE912982 has the following characteristics:

ITEM_BARCODE = PE912982
CONTAINER_BARCODE = PE912981
NAME = Stratigraphic Section
BASIN = GIPPSLAND
OFFSHORE? = N
DATA_TYPE = CROSS_SECTION
DATA_SUB_TYPE = HARDCOPY-PAPER
DESCRIPTION =
REMARKS = 28-FEB-1973
DATE_WRITTEN =
DATE_PROCESSED = Esso Exploration and Production
Australia Inc.
DATE_RECEIVED =
RECEIVED_FROM =
WELL_NAME =
CONTRACTOR =
AUTHOR =
ORIGINATOR = AP00_SW
TOP_DEPTH =
BOTTOM_DEPTH =
ROW_CREATED_BY =

(Inserted by DNRE - Vic Govt Mines Dept)

912981' 008

PE912983

This is an enclosure indicator page.
The enclosure PE912983 is enclosed within the
container PE912981 at this location in this
document.

The enclosure PE912983 has the following characteristics:

ITEM_BARCODE = PE912983
CONTAINER_BARCODE = PE912981
NAME = A-6 Oil Sand -8454+or- Paleocene
BASIN = GIPPSLAND
OFFSHORE? = N
DATA_TYPE = STRUCTURE_MAP
DATA_SUB_TYPE = HARDCOPY-PAPER
DESCRIPTION =
REMARKS = 31-MAR-1972
DATE_WRITTEN =
DATE_PROCESSED = Esso Exploration and Production
Australia Inc.
DATE_RECEIVED =
RECEIVED_FROM =
WELL_NAME =
CONTRACTOR =
AUTHOR =
ORIGINATOR = AP00_SW
TOP_DEPTH =
BOTTOM_DEPTH =
ROW_CREATED_BY =

(Inserted by DNRE - Vic Govt Mines Dept)