DEPT. NAT. RES & ENV
PE906942

ESSO MARLIN A-24 (APPENDIX TO MUDLOG)

EXPLORATION LOGGING

DRILLING RATE AND DATA
☐ FT/HR ☐ MIN/FT
VISUAL POROSITY GD. FAIR TR

DEPTH (CORE TEST)

LITHOLOGY

OIL (TRACE, GD. TRACE, FAIR, GOOD, V GOOD)

DRILLING MUD
CONTINUOUS DITCH GAS: OIL IN MUD TR. x FAIR xx GD. xxx; TOTAL GAS (BACKUP SCALE 10X); PETROL VAP; 20 40 60 80 100
CHROMATOGRAPHIC ANALYSIS: METHANE BUTANES 4; ETHANE 2 PENTANES 5; PROPANE 3 M 1000; 100 1M 10M M PPM IN AIR

CUTTINGS
CUT (FAIR, GOOD)
GAS: TOTAL GAS (BACKUP SCALE 10X); PETROL VAP; 20 40 60 80 100

REMARKS AND LITHOLOGY DESCRIPTION

RESULTS OF STEAM STILL CHROMATOGRAPHY

DEPTH	GAS ANALYSIS	PARTS P/MILLION	PERCENTAGES	DEPTH	GAS ANALYSIS	PARTS P/MILLION	PERCENTAGES
6700	C1	1560	98·1	8000	C1	1114	96·7
	C2	30	1·9		C2	20	1·8
	C3	TR	TR		C3	17	1·5
6800	C1	4390	98·2		IC4	TR	TR
	C2	78	1·8	8100	C1	2545	86·3
	C3	TR	TR		C2	160	5·4
6900	C1	1890	96·1		C3	170	5·8
	C2	78	3·9		IC4	26	0·9
	C3	TR	TR		NC4	48	1·6
7000	C1	3580	94·8	8200	C1	3088	80·2
	C2	137	3·6		C2	257	6·7
	C3	60	1·6		C3	255	6·6
7100	C1	2137	94·3		IC4	92	2·4
	C2	68	3·0		NC4	160	4·1
	C3	60	2·7	8300	C1	2788	79·5
7200	C1	3288	94·9		C2	242	6·9
	C2	118	3·4		C3	255	7·3
	C3	60	1·7		IC4	78	2·2
7300	C1	630	92·7		NC4	144	4·1
	C2	20	2·9	8400	C1	4747	92·14
	C3	30	4·4		C2	172	3·34
7400	C1	3730	97·7		C3	204	3·96
	C2	74	1·9		IC4	13	0·25
	C3	15	0·3		NC4	16	0·31
7500	C1	891	93·7	8500	C1	4862	87·01
	C2	29	3·1		C2	202	3·61
	C3	30	3·2		C3	391	7·00
7600	C1	1460	80·7		IC4	53	0·95
	C2	168	9·3		NC4	80	1·43
	C3	182	10·0	8600	C1	1375	77·10
7700	C1	1150	91·7		C2	225	12·60
	C2	45	3·6		C3	151	8·45
	C3	60	4·7		IC4	37	1·85
7800	C1	1415	89·6	8700	C1	3830	91·43
	C2	60	3·8		C2	81	1·93
	C3	90	5·8		C3	238	5·68
	IC4	13	0·8		IC4	40	0·96
7900	C1	1844	87·4	8800	C1	2202	91·1
	C2	90	4·3		C2	101	4·2
	C3	150	7·1		C3	85	3·5
	IC4	26	1·2		IC4	13	0·5
					NC4	16	0·7