

APPENDIX 5

GEOCHEMICAL ANALYSES by AMDEL

LAWRENCE-1

ROCK-EVAL PYROLYSIS

DEPTH	T MAX	S1	S2	S3	S1+S2	P1	S2/S3	PC	TOC	HI	OI
563	382	0.08	0.10	0.05	0.18	0.44	2.00	0.01	0.40	25	12
564	258	0.06	0.05	0.10	0.11	0.60	0.50	0.00	0.58	8	17
565	283	0.08	0.13	0.07	0.21	0.40	1.85	0.01	0.88	14	7
566	364	0.05	0.05	0.05	0.10	0.50	1.00	0.00	0.89	6	6
567	227	0.05	0.01	0.05	0.06	0.75	0.25	0.00	0.73	7	1
568									0.15		
569									0.32		
570	308	0.03	0.07	0.04	0.10	0.30	1.75	0.00	0.50	6	14

C12 BULK COMPOSITION AND ALKANE RATIOS OF EXTRACTED OILS

SAMPLE	EOM (ppm)	Alkane Ratios				
		TMTD/Pr	Np/Pr	Pr/Ph	Pr/n-C17	Ph/n-C18
1369551	1.5	0.75	0.51	2.09	0.43	0.21
1369552	1.2	0.31	0.45	1.88	0.42	0.21
1369553	1.1	1.05	0.60	2.06	0.37	0.20

TMTD = 2,6,10-trimethyltridecane
Np = norpristane
Pr = pristane
n-C17 = n-heptadecane
n-C18 = n-octadecane