

TABLE I

Composition of Subsurface Gas Sample

Source: Esso Standard Oil (Australia) Ltd. Pelican No. 1
8985 Feet K.B. (8885 Feet Subsea), FIT Test No. 13

Date Taken: April 27, 1970

<u>Component</u>	<u>Composition Mol Percent</u>	<u>Molecular Weight</u>	<u>Density gm/cc at 60°F</u>
Hydrogen Sulfide	Nil		
Carbon Dioxide	3.00		
Nitrogen	0.28		
Methane	73.37		
Ethane	11.02		
Propane	4.27		
Iso-Butane	0.95		
N-Butane	2.10		
Iso-Pentane	0.57		
N-Pentane	0.73		
Hexanes	0.47	87	0.7084
Heptanes	1.08	102	0.7341
Octanes	0.58	116	0.7540
Nonanes	0.37	130	0.7699
Heavier Fraction	1.21	158	0.7947
Total	100.00		
Hexane-plus fraction	3.51	120	0.7626