

TABLE I

Composition of Subsurface Gas Sample

Source: Esso Standard Oil (Australia) Ltd.
 Pelican No. 1 Well, Subsurface Gas from 8367 ft K. B.

Date Sampled: April 6, 1970

<u>Component</u>	<u>Mol Percent Composition</u>	<u>Molecular Weight *</u>	<u>Density * gm/cc @ 60° F</u>
Nitrogen	nil		
Hydrogen Sulfide	0.50		
Carbon Dioxide	4.20		
Methane	60.49		
Ethane	10.13		
Propane	9.05		
Iso-Butane	2.38		
N-Butane	3.91		
Iso-Pentane	1.17		
N-Pentane	0.91		
Hexanes	1.65	89	0.7180
Heptanes	1.43	107	0.7505
Octanes	1.04	121	0.7760
Nonanes	0.61	135	0.7810
Heavier Fraction	2.53	173	0.7995
Total	100.00		
Hexane Plus	7.26	119	0.7770

*Values for molecular weights and densities of the hexane and heavier fractions were estimated from the properties of the hexane plus fraction and its chromatographic component distribution.