

VOLATILE LIQUID HYDROCARBONS IN BUCANEER FIELD OIL AND DISCHARGE BRINE

COMPOUND	Oil, $\mu\text{g/g}$ (ppm)		Brine, $\mu\text{g/l}$ (ppb)	
	Jan. 5, 1980	Apr. 8, 1980	Aug. 21, 1979	Jan. 8, 1980
n-Pentane	580	4,600	-	-
n-Hexane	1,700	6,100	20	30
n-Heptane	3,900	10,000	21	39
n-Octane	3,700	14,000	19	130
n-Nonane	10,000	16,000	16	200
n-Decane	17,000	18,000	39	400
n-Undecane	20,000	19,000	18	880
n-Dodecane	22,000	17,000	35	1,000
n-Tridecane	26,000	19,000	77	1,050
n-Tetradecane	36,000	25,000	180	1,410
Benzene	2,200	6,000	6,200	17,700
Methylcyclohexane	6,800	15,000	62	340
Toluene	2,700	6,800	2,600	8,500
Ethylbenzene	3,500	5,500	220	1,100
m, p-Xylene	7,200	12,000	500	1,900
o-Xylene	7,060	11,000	480	1,800
Total n-C5-C14	140,000	150,000	420	5,100
Total aromatic	23,000	41,000	10,000	31,000
Total VLH	420,000	490,000	11,300	44,400
% n-C5-C14	33.3	30.6	3.7	16.4
% aromatics	5.5	8.4	88.5	70.0

From Weisenberg et al., 1981