

CORE ANALYSIS RESULTS

NOTE: (i) Unless otherwise stated, porosities and permeabilities were determined on two plugs (V&H) cut vertically and horizontally to the axis of the core. Ruska porosimeter and permeameter were used with air and dry nitrogen as the saturating and flowing media respectively. (ii) Oil and water saturations were determined using Soxhlet type apparatus. (iii) Acetone test precipitates are recorded as Neg., Trace, Fair, Strong or Very Strong.

WELL NAME AND NO. AROO NO. 1

DATE ANALYSIS COMPLETED JUNE 10 1974

Core No.	Sample Depth		Lithology	Average Effective Porosity two plugs (% Bulk Vol.)	Absolute Permeability (Millidarcy)		Average Density (gm/cc.)		Fluid Saturation (% pore space)		Core Water Salinity (p.p.m. NaCl)	Acetone Test	Fluorescence of freshly broken core	Sample "cut" in tetrachlorethylene
	From	To			V	H	Dry Bulk	Apparent Grain	Water	Oil				
1	9516'	*	Sst; f.gr. carb.	17.6	0.89	2.0	2.20	2.67	44	2.4	N.D.	NIL	Dull Yellow	Trace
1	9521'	*	as above	18.6	2.3	0.76	2.17	2.66	65	0.84	N.D.	NIL	Pale Blue - Yellow	Fair
1	9524'		Sst; m.gr. carb. lam.	21.2	11	14	2.09	2.67	2.6	5.9	N.D.	NIL	as above	Trace
1	9530'		Sst; m.gr. to c.gr. carb.	20.8	113	53	2.08	2.64	47	3.8	N.D.	NIL	Trace Dull Yellow	Trace
1	9544'	*	Sst; f.gr. to c.gr. carb.	17.3	0.55	0.78	2.22	2.69	51	Tr	N.D.	NIL	Trace Dull Yellow	NIL
2	9546'	*	Sst; v.f.gr. to f.gr. carb.	11.7	0.26	0.11	2.42	2.75	67	NIL	N.D.	NIL	Very Dull Yellow	NIL
2	9552'		as above	14.3	0.15	0.15	2.34	2.70	32	2.4	N.D.	NIL	NIL	NIL
2	9561'		Sh; black	1.1	<0.1	<0.1	2.59	2.62	N.D.	N.D.	N.D.	N.D.	NIL	NIL

Remarks: - * - Samples preserved in wax.

General File No. ~~72/2914~~ 72/2914
Well File No. 74/208

374066