

Date: 28th July, 1965

CORE ANALYSIS RESULTS

Notes:- (i) Unless otherwise stated, the porosities and permeabilities were determined on two small plugs (V & H) cut at right angles from the core or sample. Ruska porosimeter and permeameter were used, with ~~mercury~~<sup>air</sup> at ~~750~~<sup>750</sup> p.s.i.g. and dry nitrogen, respectively, as the saturating and flowing media. (ii) Residual oil and water saturations were determined using Sozhet type apparatus. (iii) Acetone test precipitates and fluorescence of solvent after extraction are recorded as, nil, trace, fair, strong or very strong.

Well or Area	Core or Sample No.	Depth in ft. From:- To:-	Lithology	Effective Porosity in % by Vol.		Absolute Permeability in Millidarcys		Avg. density in gms./cc.		Fluid Saturation in % Pore Space		Acetone Test		Solvent after Extraction		Remarks
				V	H	V	H	Dry Bulk	APPARENT Grain	Water	Oil	Colour	Precipitate	Colour	Fluor.	
SEASPRAY NO. 1	1	2762' 2782'	COAL. NO	TESTS	CARRIED	OUT.										
"	2	4877' 4881'	Sandstone	23	23	Nil	Nil	2.25	2.95	41	Nil	Nil	Nil	Nil	Nil	
"	3	5553' 5555'	Sandstone and shale	16	16	Nil	Nil	2.35	2.80	83	Nil	Trace	Nil	Nil	Trace	

Additional Information: Sandstones are of the greywacke type which probably accounts for the relatively high grain densities.

DEPT. NAT. RES & ENV



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