

APPENDIX 1 - (5)

DATE April 17, 1960

PHILLIPS PETROLEUM CO.

CORE NO. 3

TEST AREA

CORE DESCRIPTION

SHEET NO. 1

WELL NO. 7/11-1X

Cod

SCALE 1:100  
3 inches = 25 feet

LITHOLOGICAL SYMBOLS AS ON 1500 SCALE GEOLOGICAL LOG

GEOLOGIST Sandridge

DEPTH IN FEET	LOG	DIPS SHOWS	DESCRIPTION	REMARKS
Core No. 3 - 9688 - 9734. Rec 13' (7' Ss & 6' Sh, 28%).				
9688			9688 - 9688.5 SH, dk gy, ck sli waxy, flakey, mica w/thin SS laminations.	
90		GAS		
95		GAS	9688.5 - 9690.5 SS, lt to med dk brn, vfg mica, shly, sli calc, poor to fair por, lt brn stn, faint fluor, sli cut. Bleeding gas.	
9700		NONE APPARENT		
05			9690.5 - 9691 SH, lt gy-grn, waxy.	
			9691 - 1692 SS, a.a. w/se mottled gy-brn, v tite, v faint fluor, sli cut.	
9710			9692 - 9693 SS, a.a., fractured, staining w/faint fluor along fractures but otherwise tite w/ns.	
15				
9720			9693 - 9694 SS, brn, f-mg, sub-ang, mica, fair dk brn asph sptd stn w/dull fluor. Sli bleeding gas. Very tite.	
25				
9730			9694 - 9695 SS, gy, vfg, shly w/irreg sptd stn. No fluor.	
9734			9695 - 9697 SH, gy to gy-brn & lt gy-grn waxy in part.	
			9697 - 9697.5 SLTS, gy, vfg, mica, hd and v tite, v faint sptd fluor. FeCO <sub>3</sub> cmt.	
			9697.5 - 9699 SH, dk gy, waxy.	Except for top 2', ss is very tite.
			9699 - 9699.5 SLTS as above.	
			9699.5 - 9701 SH, lt gy w/thin SS lam.	

No Recovery

CORE LABORATORIES, INC.  
 Petroleum Reservoir Engineering  
 DALLAS, TEXAS

**CORE ANALYSIS RESULTS**

Company Phillips Petroleum Formation UKCA 109  
 Well 7/11-1X Core Type Diamond Date Report 13 May 1968  
 Field North Sea Drilling Fluid R.F.B./J.C.C.  
 County North Sea State Norway Elev.            Location           

**Lithological Abbreviations**

SAND - SD      DOLOMITE - DOL      ANHYDRITE - ANHY      SANDY - SDY      FINE - FN      CRYSTALLINE - XLN      BROWN - BRN      FRACTURED - FRAC      SLIGHTLY - SL/  
 SHALE - SH      CHERT - CH      CONGLOMERATE - CONG      SHALY - SHY      MEDIUM - MED      GRAIN - GRN      GRAY - GY      LAMINATION - LAM      VERY - V/  
 LIME - LM      GYPSUM - GYP      FOSSILIFEROUS - FOSS      LIMY - LMY      COARSE - CSE      GRANULAR - GRNL      VUGGY - VGY      STYLOLITIC - STY      WITH - W/

Sample No.	Depth Feet:	Permeability Millidarcys:		Porosity Per Cent	Residual Saturation/Per Cent Pore		Bulk Density	OB	WB	GB
		Ka.	Kl.		Oil	Total Water				
1	9590.5	65	56	21.9	10.0	43.8	2.18	2.2	9.6	10.1
2	95.5	30	25	15.8	7.6	52.5	2.32	1.2	8.3	6.3
3	98	63	54	18.6	5.9	42.0	2.24	1.1	7.8	9.7
4	9601.5	11.6	9.1	22.3	4.9	39.9	2.16	1.1	8.9	12.3
5	03.5	65	56	18.1	6.1	30.8	2.23	1.1	5.6	11.4
6	06	71	62	19.2	0.0	34.9	2.17	0.0	6.7	12.5
7	08.5	95	84	21.0	5.2	44.2	2.12	1.1	9.3	10.6
8	11.5	98	87	17.5	0.0	42.3	2.23	0.0	7.4	10.1
9	15	15	12	15.9	0.0	52.2	2.29	0.0	8.3	7.6
10	16.5	6.2	4.7	15.0	0.0	52.0	2.24	0.0	7.8	7.2
11	23	104	93	21.4	0.0	53.8	2.21	0.0	11.5	9.9
12	25	1.03	0.70	15.0	8.0	62.0	2.39	1.2	9.3	4.5
13	28	12	10	9.7	0.0	76.3	2.47	0.0	7.4	2.3
14	30	51	43	22.3	4.9	44.0	2.14	1.1	9.8	11.4
15	33	37	31	16.3	0.0	31.9	2.16	0.0	5.2	11.1
16	36	54	46	19.4	5.7	43.8	2.23	1.1	8.5	9.8
17	40.5	0.82	0.55	11.6	10.6	54.2	2.42	1.2	6.3	4.1
18	42	144	129	21.7	5.1	38.3	2.17	1.1	8.3	12.3
19	90	2.4	1.7	15.9	7.6	40.8	2.34	1.2	6.5	8.2
20	92	0.31	0.19	15.8	0.0	50.0	2.33	0.0	7.9	7.9
21	9697	0.18	0.11	6.5	0.0	84.4	2.51	0.0	5.5	1.0

