

WELL: 47-7X
 Field: Eldfisk 01 JAN. 1973 - 28 MARS 1973 - 87 Days

F. R. Co. - NORA W117
 WELL RECAP

1	MUD TYPE		GYP Lignosulfonate	GYP Lignosulfonate	Lignosulfonate	
2	MUD WEIGHT	PPG	11.0-12.5	13.8-14.3	14.3-15.1	11.0-15.1
3	INTERVAL EXAMINED	ft	1598-3999	3999-8000	8000-10,118	1598-10,118
4	TOTAL FOOTAGE	ft	2401	4001	2118	8520
5	HRS DRILLING	hrs	35.5	64.5	76.5	176.5
6	PENETRATION (4÷5)	ft/hr	67.6	62.0	27.7	48.3
7	MUD COST ^{CURRENT} (1973)	\$	56,820	68,165	96,397	221,382
8	MUD COST/FT (7÷4)	\$/ft	23.67	17.04	45.51	25.98
9	HRS. CONDITIONING HOLE	hrs	9.5	9.5	3	22
10	CONDITIONING COST (9X Rig Cost)	\$	18,050	18,050	5700	41,800
11	CONDITIONING COST/FT (10÷4)	\$/ft	7.52	4.51	2.69	4.91
12			09 JAN. 1973	18 JAN. 1973	07 FEB. 1973	07 FEB. 1973
13	ROTATING COST (5XRIG COST)	\$	67,450	67,450	145,350	335,350
14	ROTATING COST/FT (13÷4)	\$/ft	28.09	16.86	68.63	39.36
15	FISHING HRS	hrs	—	—	—	—
16	FISHING COST (15X RIG COST)	\$	—	—	—	—
17	FISHING COST/FT (15÷4)	\$/ft	—	—	—	—
18	TOTAL COST (7+10+13+16)	\$	142,320	153,665	247,447	598,532
19	TOTAL COST/FT (18÷4)	\$/ft	59.28	38.41	116.83	70.25
20	COMMENTS					

RIG COST = \$1900/HR. 17 1/2" 12 1/4" 8 1/2" 37 Days

MC DRILLING MUD



INTERNATIONAL MINERALS & CHEMICAL CORPORATION
2400 WEST LOOP SOUTH HOUSTON TEXAS

RECORD OF DRILLING MUD TESTS

MC ENGINEER See Crooks, Larsen

TYPE MUD Gvp Lignosulfonate

CASING PROGRAM 13 3/8" 9 5/8" 7" liner

COMPANY
Phillips Petroleum Company

WELL NAME & NO.
2 - 7 - 7x

FIELD COUNTY STATE
Wldfisk North Sea Norway

CONTRACTOR
Odeco Ocean Viking

DATE 1973	DEPTH FT.	WEIGHT LBS GAL LBS CU FT.	VISCOSITY		PLASTIC VISC. CPS	YIELD VALUE LBS/100 FT ²	GEL STRENGTH INTL/10M	PH	FILTRATE ML	CAKE 32ND	H ₂ O FILTRATE 500 PSI TEMP °F	ALKALINITY		LIME G/G LBS BB.	SALT CHLORIDE PPM CPG	CALCIUM ION PPM	SAND VOL.	SOLIDS VOL.	OIL VOL.	WATER CONTENT VOL.
			SEC'S	CPS								PP-ML	PM-ML							
Jan 2		8.8	90																	
3	435	8.8	100 ⁺																	
4	436	8.8	120																	
5	1630	11.0	120 ⁺																	
6	1630	11.5	47		21	10	2/5	10.0	11.0	2		.3		20000	1300	TR	14	5	81	
7	1755	11.9	48		20	10	2/6	10.5	15.0	2		.2		20000	2000	TR	12	5	83	
8	3285	12.1	53		22	10	3/4	9.5	12.8	2		.15		20000	1800	TR	14	5	81	
9	4045	12.5	52		23	11	2/10	9.0	7.0	2		.2		20000	1800	TR	15	4	81	
10	4045	12.5	45		20	10	2/11	9.0	8.1	2		.25		20000	1660	Nil	15	4	81	
11	4045	12.5	48		20	12	2/5	9.5	8.0	2		.2		20000	1600	Nil	15	4	81	
12	4045	14.5	50		32	17	2/6	10.0	6.0	2		.6		20000	1600	TR	28	4	68	
13	4045	14.5	50		32	16	2/6	10.0	6.0	2		.6		20000	1600	TR	28	4	68	
14	4094	14.3	50		22	11	1/4	11.0	8.5	2		.9		20000	1600	TR	25	6	69	
15	4664	14.3	48		26	14	2/16	10.5	4.8	2		.5		20000	1520	TR	24	6	70	
16	5972	14.3	48		25	10	4/19	9.3	4.7	2		.3		20000	1560	TR	24	4	72	
17	6531	14.3	52		29	15	3/29	9.1	3.6	2		.24		20000	1480	TR	25	4.5	71.5	
18	8000	13.8	55		32	16	4/32	8.2	4.1	2		.1		20000	1280	TR	25	3	72	
19	8000	14.0	58		28	16	3/25	8.6	3.2	2		.1		20000	920	TR	25	3	72	
20	8000	14.4	56		32	18	2/18	9.1	2.8	2		.3		20000	1200	TR	24	3	73	
21	8000	14.3	58		32	16	2/19	9.5	2.8	2		.4		20000	800	TR	24	3	73	
22	8000	14.3	53		27	13	2/14	9.0	2.5	2		.3		20000	760	TR	26	3	71	
23&24	8575	14.3	55		33	11	1/5	10.4	2.6	2		1.1		20000	100	TR	23	3	74	
25	8839	14.5	53		29	12	1/7	10.4	3.3	2		.9		20000	360	TR	24	3	73	
26	9239	14.7	48		28	18	1/5	9.5	9.0	2		.2		20000	360	TR	24	3	73	

COMMENTS:

AC DRILLING MUD

INTERNATIONAL MINERALS & CHEMICAL CORPORATION
2400 WEST LOOP SOUTH, HOUSTON, TEXAS

RECORD OF DRILLING MUD TESTS

IMC ENGINEER Bae. Crooks, Larsen

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CASING PROGRAM 13 3/8" 9 5/8" 7" liner

COMPANY
Phillips Petroleum Company

WELL NAME & NO.
2 - 7 - 7x

FIELD COUNTY STATE
Eldfisk North Sea Norway

CONTRACTOR
Odeco Ocean Viking

DATE	DEPTH FT.	WEIGHT LBS. GAL.	VISCOSITY		PLASTIC VISC. CPS	YIELD VALUE LBS/100 FT. 2	GEL STRENGTH INTL/10M	PH	FILTRATE ML	CAKE 32ND	HYDR FILTRATE 500 PSI TEMP. °F	ALKALINITY		LIME GVP LBS. BBL	SALT CHLORIDE PPM GPG	CALCIUM ION PPM	SAND VOL.	SOLIDS VOL.	OIL VOL.	WATER CONTENT
			SEC'S	CPS								PP-ML	PP-ML							
27	9239	14.7	48		28	18	1/5	9.5	9.0	2		.2			20000	360	TR	24	3	73
28	9239	14.6	49		24	12	2/4	9.0	8.0	2		.2			20000	250	TR	24	4	72
29	9239	14.7	46		24	12	2/3	10.2	2.0	1		.5			20000	350	TR	25	4	71
30	9239	14.7	47		24	12	2/3	9.8	2.0	1		.4			20000	350	TR	25	4	71
31	9260	14.6	49		24	11	2/4	9.0	8.0	2		.2			20000	300	TR	24	2	74
1	9260	15.0	50		26	16	2/4	9.0	8.5	2		.2			20000	350	TR	26	2	72
2	9260	15.1	53		35	15	2/8	8.2	5.6	2		.1			20000	000	TR	24	2	74
3	9540	15.1	48		30	12	2/10	9.4	6.4	2		.3			20000	400	TR	26	2	72
4	9715	15.1	47		28	12	1/7	9.3	5.8	2		.3			20000	180	TR	25	2	73
5	9862	15.1	50		27	15	2/9	9.6	5.6	2		.2			22000	240	TR	26	2	72
6	10051	15.0	53		35	18	2/14	9.4	4.4	2		.1			22000	160	TR	27	1	72
7	10118	15.0	48		30	14	2/8	9.4	4.6	2		.2			22000	160	TR	25	1	74
8	10118	15.1	50		33	15	2/8	9.9	3.8	2		.35			21800	140	TR	25	1	74
9	10118	15.1	47		33	11	1/7	9.4	3.9	2		.25			22000	160	TR	25	1	74
10	10118	15.1	48		31	11	2/5	10.2	3.6	2		.45			21500	410	TR	25	1	74

COMMENTS:

WDFISK 2/7-7X WELL, NORWEGIAN SECTOR, NORTH SEA

Drill Stem Test Number	3, Flow 2
Hour Gas Sampled	1300
Hour Liquid Sampled	1345
Date Sampled	3-8-73
Producing Formation	Danian
Elevation RKB, feet	-
Perforated Interval, feet	9,310-9,400 & 9,424-9,530
Source of Sample	Separator
Separator Temperature, °F	87
Separator Pressure, psig	380
Pressure in Containers, psig	380 (Assumed)
Oil Produced, bbl/d	2,400
Gas Produced, Mcf/d	2,956.652
Gas/Liquid Ratio (scf/bbl)	1,231
Gravity Stock Tank Liquid, °API @ 60°F	37
Sample Container Numbers on "F" Type Containers	Gas: G154 & Oil: L116
F _g Factor Determined from Analyses	1.1889
F _{pv} Factor Determined from Analyses	1.035
Total Sulfur Content for Gas, wt %	<1 ppm
Sulfur Content in C ₅₊ for Liquid, wt %	0.22
Tester	Baker
Drill Stem Test Number	6, Flow 2
Hour Gas Sampled	2100
Hour Liquid Sampled	2120
Date Sampled	3-22-73
Producing Formation	Danian
Elevation RKB, feet	-
Perforated Interval, feet	9,150-9,260
Source of Sample	Separator
Separator Temperature, °F	475
Separator Pressure, psig	74
Pressure in Containers, psig	475
Oil Produced, bbl/d	2,496
Gas Produced, Mcf/d	3,007
Gas/Liquid Ratio (scf/bbl)	1,204.7
Gravity Stock Tank Liquid, °API @ 60°F	38.4
Sample Container Numbers on "F" Type Containers	Gas: G88 & Oil: L148
F _g Factor Determined from Analyses	1.2057
F _{pv} Factor Determined from Analyses	1.048
Total Sulfur Content for Gas, wt %	<1 ppm
Sulfur Content in C ₅₊ for Liquid, wt %	0.21
Tester	Tom Dome