



WELL DATA SHEET

OPERATOR Norske Gulf Prod. Co. A/S	SURVEY SEC. T R	CASING SIZE	DEPTH	DRLG. DAYS	BIT SIZE
WELL 3/5-1	FIELD	SURFACE			
CONTRACTOR	COUNTY	INTERMEDIATE			
ENGINEER	STATE	COUNTRY	PRODUCTION		

DATE	DEPTH	WT.	VISCOSITY		CORR. 115°F		GELS		pH	FLUID LOSS		CL <input type="checkbox"/>	ALKALINITY			CA ppm	Mg ppm	RETORT			ACTIVITY		RATIO		# Bbl	Excess Lime			
			SEC.	CPS.	PV	YP	0	10		100 PSI API	500 PSI 300 °F HT-HP		BECK <input type="checkbox"/>	STRIP <input type="checkbox"/>	PF			PM	MF	% OIL	% SOL	% WATER	As	Am			OIL	H2O	CEC
2		8.8	100																										
3	545	8.8																											
4	618	8.9	60																										
5	1578	9.8	45						8.5			14.000	.5			400				30		70							
6	1575	9.3	60						8.5			14.000	.5			400				30		70							
7	1575	9.3	59			27	13	1	4	12.0	12.0	14.000	4.7	19.0		80			8		92					3.8			
8	2465	10.0	46			15	4	1	4	12.5	13.0	21.000	3.9	16.0		120			12		88						3.3		
9	3387	10.2	45			13	7	1	4	12.5	14.2	21.000	3.2	16.5		80			11		89						3.5		
10	4200	10.2	48			15	9	1	5	13.0	10.0	21.000	4.4	17.0		80			14		86						3.4		
11	4705	10.3	56			16	11	2	7	13.0	9.6	21.000	3.5	16.5		60			13		87						3.5		
12	5260	10.6	64			20	14	3	12	13.0	8.6	22.000	4.5	16.5		80			15		85						3.0		
13	5260	10.5	54			16	11	1	6	13.0	8.0	22.000	3.5	15.5		80			15		85						3.0		
14	5260	10.5	56			18	12	2	8	12.5	8.2	22.000	4.0	15.0		100			14		86						2.8		
15	5461	10.6	59			18	14	2	10	12.5	7.0	21.500	4.5	18.0		80			15		85						3.4		
16	5898	10.3	46			14	10	1	6	12.0	7.6	20.500	3.0	15.0		80			12		88						3.0		
17	6422	10.5	55			19	16	2	10	12.5	7.8	20.000	3.5	16.5		80			12		88						3.3		
18	7210	10.5	65			25	18	3	12	12.5	6.9	18.000	3.0	15.0		60			13		87						3.0		
19	7568	10.5	51			20	13	1	12	13.0	4.4	14.000	4.0	14.5		80			12		88						2.9		
20	7882	10.6	50			20	13	2	9	12.5	4.1	15.500	3.2	13.5		80			11		89								
21	8066	10.6	48			16	10	1	7	12.0	4.3	14.500	3.3	12.0		80			11		89								
22	8300	10.6	47			18	11	2	6	12.0	4.6	15.000	2.0	18.0		80			13		87								
23	8401	10.6	48			17	8	1	6	11.0	4.7	15.000	1.5	6.5		80			12		88								
24	8401	10.6	50			18	9	1	8	11.0	5.0	14.500	1.4	6.0		80			12		88								
25	8401	10.6	56			19	12	2	9	11.0	4.5	15.500	1.3	6.0		80			13		87								
26	8401	10.6	54			22	13	2	8	11.0	4.0	15.000	1.0	5.5		80			13		87								
27	8401	10.6	60			20	12	2	9	11.0	4.0	16.000	1.2	5.5		80			13		87								
28	8403	10.6	56			21	11	2	9	11.0	4.1	15.000	1.0	5.7		80			13		87								

DATE SPUD: DATE T.D.: B.H.T. COMPLETION FLUID TYPE: COST: BACKER MUD TYPE: COST:



WELL DATA SHEET

MAG-545-A		OPERATOR Gulf Oil Norway	SURVEY SEC. Offshore T R	CASING SIZE	DEPTH	DRLG. DAYS	BIT SIZE
WELL 3/5-1		FIELD 3		SURFACE			
CONTRACTOR Oslo Drilling		COUNTY North Sea		INTERMEDIATE			
ENGINEER Masterson Tangen Dawson		STATE Norway		PRODUCTION			

DATE	DEPTH	WT.	VISCOSITY		CORR. 115°F		GELS		pH		FLUID LOSS		CL			ALKALINITY			CA ppm	Mg ppm	RETORT			ACTIVITY		RATIO		# Bbl	CEC				
			SEC.	CPS.	PV	YP	0	10	BECK STRIP	100 PSI API	500 PSI 300 °F HT-HP	CL	CACL	NACL	PF	PM	MF	% OIL			% SOL	% WATER	As	Am	OIL	H2O							
May 29	8445	10.6	54		22	13	2	9	11.5	4.3		16.000	1.7	7.0		60																	
30	8532	10.6	53		21	12	2	10	11.0	4.5		17.000	1.1	6.0		60																	
31	8640	11.0	56		22	14	2	8	11.5	4.5		16.000	1.3	5.8		60																	
June 1	8707	11.1	54		24	14	2	10	11.5	4.2		17.000	1.6	5.7		60																	
2	8875	12.0	57		29	19	2	10	11.5	4.2		18.000	1.1	5.2		60																	
3	8935	12.0	59		30	19	2	11	11.5	4.6		18.000	1.3	4.2		60																	
4	9046	12.0	50		28	16	2	11	11.5	5.0		19.000	1.3	4.2		60																	
5	9119	12.0	49		27	13	2	11	11.5	5.2		17.000	1.1	4.2		40																	
6	9119	12.0	53		27	12	1	11	11.5	5.0		17.000	1.0	4.0		TR																	
7	9119	12.0	52		27	12	1	10	11.5	5.0		17.000	1.0	4.0		TR																	
8	9119	12.0	52		27	12	1	11	11.5	5.0		17.000	1.0	4.0		TR																	
9	9119	12.0	52		27	12	1	11	11.5	5.0		17.000	1.0	4.0		TR																	
10	9119	12.0	52		27	12	1	11	11.5	5.0		17.000	1.0	4.0		TR																	
11	9119	12.0	47		17	8	1	6	11.5	5.1		15.000	1.0	4.3		60																	
12	9239	12.0	49		18	9	1	13	11.5	5.3		15.500	.8	4.0		40																	
13	9450	11.6	57		21	14	2	19	10.5	6.4		15.000	.5	3.8		60																	
14	9574	11.3	67		22	17	3	19	10.0	6.1		18.000	.45	2.5		240																	
14	9574	12.4	68		25	18	2	34	9.0	10.0		32.000	.2	-		600																	
15	9920	12.4	63		29	12	2	22	11.0	7.4		80.000	1.2	4.4		320																	
16	1003	12.4	59		20	8	2	19	9.0	11.0		60.000	.2	2.6		2800																	
17	10088	12.4	46		18	8	2	17	8.0	18.4		196.000	TR	TR		3040																	
18	10333	12.4	45		18	10	1	15	8.0	5.6		190.000	TR	TR		3360																	
19	10770	12.5	45		22	9	1	14	8.0	5.6		188.000	TR	TR		3480																	
20	11185	12.5	49		26	10	1	10	8.0	4.6		190.000	TR	TR		3200																	
21	11233	12.5	53		27	11	1	10	8.0	4.0		190.000	TR	TR		3300																	
22	11233	12.5	50		26	10	1	10	8.0	4.0		190.000	TR	TR		3300																	
23-27		PLUG	AND	ABANDON																													

DATE SPUD. DATE T.D.: B.H.T. COMPLETION FLUID TYPE: COST: PACKER MUD TYPE: COST:



WELL DATA SHEET

MAG-545-1-A

Norske Gulf Production Co. A/S Well 3/5-1

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EQUIPMENT		MAKE		CHOKE (L.P.)		PVT		DELAVAL SENSOR						
DESANDER	<input type="checkbox"/>	DEMCO		<input type="checkbox"/>			<input type="checkbox"/>							
DESILTER	<input type="checkbox"/>	SWECO		CHOKE (SUPER)	<input type="checkbox"/>	SWACO	FLOW SENSOR	<input type="checkbox"/>	MARTIN DECKER					
CENTRIFUGE	<input type="checkbox"/>			CLAYJECTOR	<input type="checkbox"/>		ROP	<input type="checkbox"/>	EXPLORATION LOGGING					
DEGASSER	<input type="checkbox"/>	SWACO		FINE SCREEN	<input type="checkbox"/>	MILCHEM	OTHER	<input type="checkbox"/>	COMPUTER MONITOR BY EX. LOG					
							TOTAL MUD COST:	TOTAL DEPTH:						
							\$ 200,876.12	11,233 ft.						
MAGCOBAR	MAGCOGEL	SPERSENE	RESINEX	CAUSTIC	LIME	SODA ASH DRISPAC REGULAR	DRISPAC SUPERLO DRITLING DETERGENT	DESCO	SALT MAGCO POLYSAL NUT PLUG MAGCONOL	MAGCO 202 ENGINEERING SERVICE	DAILY COST	COMULATIVE COST	REMARKS	
242	90 513		4 8	18	3						5 2	2699.06 8419.79	2699.06 1111.85	April 29 thru May 2
200				2 28							2 2	612.84 1701.76	11731.69 13443.45	Cement 30" Casing
	111		2	10	1						2	2,099.71	15533.16	Cement 20" Casing
892	23		48	91	17	59					2	13499.10	29032.16	
266	12		43	65	8	59					2	10075.39	39107.65	
909	11		41	56	1	47	32	10			2	15673.01	54780.66	
876	23		89	66	3	18	20				2	11235.63	66016.29	
260	6		43	39	7	6	15				2	5417.73	71434.02	
390	22		40	33	5	6	18				2	6486.14	77920.16	
108	10		7	5			10				2	2608.56	80528.72	
338											2	2158.18	82686.90	Cement 13 3/8" Casing
	4		4	10	4		13				2	2473.95	85160.85	
	10		11	11			19	1			2	3683.87	88844.72	
	10		10	9			9				2	2050.79	90895.51	
	39		27	17			28	1			2	5441.11	96336.62	
	41		16		2		5	13			2	2336.8k	98673.43	
122	17		10				6				2	2269.17	100942.60	
	16		9				7				2	1806.07	102748.67	
	16		7				9	1			2	2381.57	105130.24	
182	24		7				9				2	2973.03	108103.27	Test off. Fishing
	No material usage										2	600.00	108703.27	
	22		6				9				2	2094.81	110798.08	Run junk basket
	15	24	4				9				2	2281.94	113080.02	Mill on junk
			2								2	626.68	113706.70	Fish for mill
190	3		7				1				2	1733.66	115440.36	Pick up mill, Core out junk.

FINAL COST



WELL DATA SHEET

MAG-545-1-A Norske Gulf Production Co. A/S Well 3/5-1 PAGE 2

EQUIPMENT		MAKE		CHOKE (L.P.)		PVT																		
DESANDER	<input type="checkbox"/>			CHOKE (SUPER)	<input type="checkbox"/>	FLOW SENSOR	<input type="checkbox"/>																	
DESILTER	<input type="checkbox"/>			CLAYJECTOR	<input type="checkbox"/>	ROP	<input type="checkbox"/>																	
CENTRIFUGE	<input type="checkbox"/>			FINE SCREEN	<input type="checkbox"/>	OTHER	<input type="checkbox"/>																	
DEGASSER	<input type="checkbox"/>					TOTAL MUD COST:	TOTAL DEPTH:																	
MAGCOBAR	MAGCOGEL	SPERSENE	RESINEX	CAUSTIC	LIME	SODA	ASH	DRISPAC	REGULAR	DRISPAC	SUPERLO	DRILLING	DETERGENT	DESCO	MAGCO SALT	POLYSAL	NUT PLUG	MAGCOHOL	MAGCO 202	ENGINEERING	SERVICE	DAILY COST	CUMULATIVE COST	REMARKS
	15			9				3												2	1284.78	116725.14		
432		22		5				8												2	1955.98	118681.02		
170		19		13				6												2	3764.15	122445.17		
1000		14		7				2												2	1909.28	124354.45		
746		10		4				2												2	5643.84	129998.29		
638		53		20	2						2									2	5858.01	135856.30		
100		23		6	3															2	3937.87	139794.17		
		12		8	2															2	874.72	140668.89		
				NO MATERIAL	USAGE															2	1061.00	141729.89		
				NO MATERIAL	USAGE															2	600.00	142329.89	CEMENT 9 5/8" CASING	
449	57	3		1																2	600.00	142929.89		
182																				2	3436.23	146366.12		
				NO MATERIAL	USAGE															1	1139.02	147505.14		
332	173			2	3															1	300.00	147805.14		
100	89	7		3				1	2											1	4078.89	151884.03		
460		150	45	45	2															1	2375.83	154259.86		
728	49	15	15	3								25								1	8141.46	162401.32		
416		32	10			5								970	16					1	5932.31	168333.63		
207		43	38											22	94					2	10059.57	178393.20		
		8		1										35	5					2	9066.42	187459.62		
104	57	4									2			25	35					2	1150.83	188610.45		
100														70	43					2	3231.55	191842.00		
														3	28					2	25	35	191842.00	
																				1	70	43	196255.96	
																				1	2208.16	198464.12	TOTAL DEPTH	
																				1	6	2412.00	200876.12	LOGGING, THAN PLUG AND ABANDON
																								JUNE 23-27.

FINAL COST