



COMPANY Saga Petroleum A/S

WELL NO. 35/3 - 4

FIELD Block 35/3

INTERVAL TESTED 3445 - 3447.5
3449.25 - 3453.5
3454.5 - 3459.5
3464 - 3471.5

COUNTRY Offshore Norway

BAKER TECHNICIAN R. Tiessen

**Subsurface
Pressure
Report**

DATE: 22-05-81

PAGE 1 OF 6

ELEVATION OF ZERO POINT: <u>RKB</u>	ELEVATION OF: _____	TEST DEPTH: _____	DATUM DEPTH: _____
TUBING SIZE: <u>5"</u>	WEIGHT: <u>19.5 lb/ft</u>	LENGTH: <u>3285 metres</u>	PACKER TYPE: <u>Halliburton RTTS</u>
CASING SIZE: <u>9 5/8</u>	WEIGHT: <u>53.5 lb/ft</u>	LENGTH: <u>3477 metres</u>	DEPTH: <u>3410.03 metres</u>
UPPER PRESSURE ELEMENT NO: <u>32347</u>	RANGE: <u>0-10.000</u>	LOWER PRESSURE ELEMENT NO: <u>36670</u>	RANGE: <u>0-10.000</u>
RECORDING SECTION NO: <u>5343</u>	MAKER: <u>Kuster</u>	RECORDING SECTION NO: <u>35272</u>	MAKER: <u>Kuster</u>
CLOCK NO. <u>F2171</u>	RANGE: <u>120</u>	MAKER: <u>GRC</u>	CLOCK NO. <u>H10639</u>
RUN NO. <u>1</u>	CALIBRATION NO. <u>3</u>	DATE: <u>07-11-80</u>	RUN NO. <u>1</u>
K = <u>5058.789</u>	a + p = <u>+ 13.94</u>		K = <u>5046.40</u>
BASE LINE READING D ₀ = _____	REFERENCE LINE READING D _R = _____	BASE LINE READING D ₀ = _____	REFERENCE LINE READING D _R = _____
D ₀ - D _R = _____	CHOKE SIZE INCHES: _____	D ₀ - D _R = _____	MAX. B.H. TEMP. RECORDED = _____

TIME HOURS	ELAPSED TIME MINUTES	WHP PSIG DWT/GAUGE	DEPTH FEET	UPPER PRESSURE GAUGE			LOWER PRESSURE GAUGE			REMARKS
				Y	NON LINEARITY CORRECTION C	P = KY+a+p+c	GRADIENT psi/ft	Y	NON LINEARITY CORRECTION C	
22.05.81										D.S.T. No: 2
05:19	0			0	0	0				Run in hole with records
06:19	60									Unable to read chart
07:19	120			.0130		74.01	.0121		75.15	All gauge started
08:19	180			.0252		135.6	.0240		135.35	In tohole at 06:11
09:19	240			.0628		325.32	.0670		352.87	
10:19	300			.0796		410.10	.0839		438.37	
11:19	360			.1925		979.84	.1925		987.75	
12:19	420			.2567		1303.82	.2551		1304.43	
13:19	480			.3788		1919.98	.3795		1933.75	
14:19	540			.4600		2337.55	.4655		2362.80	
15:19	600			.5850		2967.55	.5826		2954.59	

Subsurface Pressure Report Continuation Form

TIME HOURS	ELAPSED TIME MINUTES	WHP PSIG DWT/GAUGE	DEPTH FEET	UPPER PRESSURE GAUGE				LOWER PRESSURE GAUGE				REMARKS
				Y	NON LINEARITY CORRECTION C	P = KY + B + P + C	GRADIENT psi/ft	Y	NON LINEARITY CORRECTION C	P = KY + B + P + C	GRADIENT psi/ft	
16:19	660			.6949		3517.15		.6950		3526.80		
17:19	720			.9019		4552.75		.9008				
18:19	780			1.0672		5380.93		1.0666			Lower record not readable	
19:19	840			1.2280		6190.38						
20:19	900			1.2280		6190.38						
21:19	960			1.2792		6450.76						
22:19	1020			1.3710		6917.02		1.3640		6923.13	Rigging up surface	
22:34	1035			1.3710		6917.02		1.3640		6923.13	Equipment	
22:49	1050			1.3710		6917.02		1.3640		6923.13	Setpacker	
22:54	1055			1.0709		5401.59		1.0768		5470.24		
22:59	1060			1.0709		5401.59		1.7050		5461.14		
23:04	1065			1.0709		5401.59		1.0741		5456.58		
23:09	1070			1.0701		5397.56		1.0740		5456.07		
23:14	1085			1.0701		5397.56		1.0739		5455.57	Dowell started	
23:19	1090			1.0701		5397.56		1.0734		5454.04	Pumping N2	
23:24	1095			1.0701		5397.56		1.0734		5453.04		
23:29	1100			1.0701		5397.56		1.0734		5453.04		
23:34	1105			1.0696		5395.03		1.0731		5451.53		
23:39	1110			1.0696		5395.03		1.0731		5451.53		
23:44	1115			1.0696		5395.03		1.0731		5451.53		

Subsurface Pressure Report Continuation Form

TIME HOURS	ELAPSED TIME MINUTES	WHP PSIG DWT/GAUGE	DEPTH FEET	UPPER PRESSURE GAUGE				LOWER PRESSURE GAUGE				REMARKS
				Y	NON LINEARITY CORRECTION C	P = KY+a+R+C	GRADIENT psi/ft	Y	NON LINEARITY CORRECTION C	P = KY+a+R+C	GRADIENT psi/ft	
23:49	1120			1.1690		5889.65		1.1670		5900.55		
23:54	1125			1.2663		6382.66		1.2585		6390.42		
23:59	1130			1.3498		6809.04		1.3434		6818.92		
23:05.81												
00:04	1135			1.4131		7131.48		1.4065		7138.13		
00:09	1140			1.3918		7022.98		1.3920				Dowell finished pumping
00:14	1145			1.4813		7477.64		1.4801		7509.45		
00:28	1200			1.6082		8124.03		1.6025		8125.64		
00:43	1215			1.8006		9099.95		1.8000		9117.76		High rate of N2 injection 1.8995 = 9617.11 PSI
00:58	1230			1.8421		9310.38		1.8425		9333.04		
01:13	1245			1.7662		8925.36		1.7603		8920.10		
01:28	1300			1.7519		8853.19		1.7491		8865.43		
01:43	1315			1.7519		8853.19		1.7491		8865.43		B.J. pumping
01:58	1330			1.7071		8626.12		1.7061		8647.85		B.J. stopped pumping
02:13	1345			1.7602		8895.08		1.7600		8918.59		
02:28	1400			1.7591		8889.53		1.7630		8933.77		Open APR-N
02:43	1415			1.6670		8422.75		1.6766		8500.58		Shut in for buildups
02:58	1430			1.0725		5406.67		1.0641		5405.31		
03:03	1435			1.0839		5464.20		1.0858		5516.11		

Subsurface Pressure Report Continuation Form

TIME HOURS	ELAPSED TIME MINUTES	WHP PSIG DWT/GAUGE	DEPTH FEET	UPPER PRESSURE GAUGE				LOWER PRESSURE GAUGE				REMARKS
				Y	NON LINEARITY CORRECTION C	P = KY+Z+P+C	GRADIENT psi/ft	Y	NON LINEARITY CORRECTION C	P = KY+Z+P+C	GRADIENT psi/ft	
03:08	1440			1.1112		5600.96		1.1119		5648.18		
03:13				1.1361		5725.63		1.1081		5626.59		
03:18				1.0761		5425.84		1.0762		5466.21		
03:23				1.0791		5425.84		1.0771		5470.76		
03:28				1.0746		5418.27		1.0827		5499.09		
03:33				1.0720		5409.28		1.0829		5500.10		
03:38				1.0775		5432.91		1.0771		5470.76		
03:43				1.0769		5429.89		1.0825		5498.08		
03:58				1.0749		5419.79		1.0821		5496.06		Open APR-N valve
04:03				1.0749		5419.79		1.0820		5495.55		
04:08				1.0800		5445.52		1.0820		5495.55		
04:13				1.0740		5415.24		1.0859		5515.28		
04:18				1.0730		5410.20		1.0831		5501.12		
04:23				1.0731		5410.70		1.0830		5500.61		
04:28				1.0103		5096.79		1.0821		5496.06		
04:33				1.0103		5096.79		1.0106		5131.35		Liquid to surface
04:38				1.0081		5085.89		1.0106		5131.35		APR-N sheared
04:43				1.0109		5099.82		1.0106		5131.35		
04:48				1.0095		5092.75		1.0098		5127.31		
04:53				1.0095		5092.75		1.0112		5134.39		

Subsurface Pressure Report Continuation Form

TIME HOURS	ELAPSED TIME MINUTES	WHP PSIG DWT/GAUGE	DEPTH FEET	UPPER PRESSURE GAUGE			LOWER PRESSURE GAUGE			REMARKS		
				Y	NON LINEARITY CORRECTION C	P = KY+S+P+C	GRADIENT psi/ft	Y	NON LINEARITY CORRECTION C		P = KY+S+P+C	GRADIENT psi/ft
04:58				1.0711		5400.61		1.0705		5437.37		
05:03				1.0850		5470.75		1.0920		5546.14		Shutin and started
05:08				1.1027		5560.08		1.1072		5623.03		circulating
05:13				1.1151		5622.65		1.1192		5683.74		
05:18				1.1256		5672.64		1.1300		5738.37		
05:23				1.1379		5734.71		1.1382		5779.85		
05:28				1.1411		5750.86		1.1481		5829.94		
05:33				1.1460		5774.58		1.1515		5847.14		
05:38				1.1539		5814.45		1.1568		5873.95		
05:43				1.1551		5819.51		1.1612		5895.21		
05:48				1.1555		5823.53		1.1629		5903.81		
05:53				1.1555		5823.53		1.1629		5903.81		
05:58				1.1555		5823.53		1.1629		5903.81		
06:03				1.1555		5823.53		1.1629		5903.81		
06:08				1.1555		5823.53		1.1629		5903.81		
06:13				1.1555		5823.53		1.1629		5903.81		
06:18				1.1555		5823.53		1.1629		5903.81		
06:23				1.1555		5823.53		1.1629		5903.81		
06:28				1.1555		5823.53		1.1629		5903.81		
06:33				1.1555		5823.53		1.1629		5903.81		

23-5-81

Alwin Kauger.

TEST STRING: APR-N

PERFORATIONS

TEST NO: OST WIA

well-35/3-Y

3495 TO 3427

No.	I. D.	O. D.	Description	By	Length	Depth
1.			DRILL Pipe	FORD DOLPHIN		
2.	2.81	6.25	X-OVER 4 1/2 IF BOX X 3 1/2 IF PIN		.22	
3.	2.00	4.38	4 7/8 SLIP JOINT (OPEN)		6.08	
4.	2.00	4.38	4 7/8 SLIP JOINT (OPEN)		6.08	
5.	2.00	4.38	4 7/8 SLIP JOINT (HALF OPEN)		5.32	
6.	2.81	6.25	X-OVER 3 1/2 IF BOX X 4 1/2 IF PIN		.22	
7.	2.50	6.50	3" STAND DRILL COLLARS		25.44	
8.	3.00	6.12	9 5/8 RTTS CIRC VALVE		.97	
9.	2.50	6.50	1 STAND DRILL COLLARS		28.37	
10.	2.81	6.25	X-OVER 4 1/2 IF BOX X 3 1/2 IF PIN		.23	
11.	2.00	4.38	4 7/8 SLIP JOINT (CLOSED)		4.86	
12.	2.00	4.38	4 7/8 SLIP JOINT (CLOSED)		4.86	
13.	2.25	5.03	5" APR-M SAMPLER		3.44	
14.	2.81	6.25	X-OVER 3 1/2 IF BOX X 4 1/2 IF PIN		.22	
15.	2.50	6.50	1 SINGLE DRILL COLLARS		9.50	
16.	2.81	6.25	X-OVER 4 1/2 IF BOX X 3 1/2 IF PIN		.23	
17.	2.00	4.61	4 7/8 APR-N TESTER VALVE		4.17	
18.	2.25	5.38	5 7/8 RPT BEMOLOC CARRIER		2.41	
19.	2.37	4.63	4 7/8" BIG JOHN GEAR		1.52	
20.	2.81	6.25	X-OVER 3 1/2 IF BOX X 4 1/2 IF PIN		.22	
21.	3.00	6.12	9 5/8 RTTS CIRC VALVE		97	
22.	3.12	6.12	9 5/8 RTTS SAFETY JOINT		1.10	
23.	3.75	8.25	9 5/8 RTTS PACKER ABOVE		1.77	3410.47
24.	3.75	8.25	" " BELOW		.65	3411.12
25.	2.25	4.50	X-OVER 4 1/2 IF BOX X 3 1/2 IF PIN		1.24	3412.13
26.	2.37	2.81	1 JOINT & 2 1/2 INCH PERFORATED TUBING		3.06	3415.14

BAKER**PRODUCTION SERVICES**

18-05-81

COMPANY SAGA PETROLEUM A/SWELL NAME 35-3-4FIELD Block 35/3COUNTRY NorwayBAKER TECHNICIAN Richard Tiessen

3488.5-3495

TEST INTERVAL 3498.25-3503.25

3504.5-3507.75

Subsurface Temperature Report

1 of 2

ELEVATION OF ZERO POINT: R.K.B. ELEVATION OF: _____ TEST DEPTH: 34-7.85TUBING SIZE: 5" WEIGHT: 19.5 lb/ft LENGTH: 3285m PACKER TYPE: R.T.T.S. DEPTH: 3459mCASING SIZE: 9 5/8 WEIGHT: 53.5/ft LENGTH: 3477m LINER SIZE & WT. _____ TOP _____ BOTTOM: _____TEMPERATURE ELEMENT NO 8331 RANGE: 66-383⁰ RECORDING SECTION NO 30337MAKER: Kuster DATE OF LAST CALIBRATION: 17-1180CLOCK NO. F 2171 RANGE: 120 MAKER: Kuster RUN NO. 1

DEPTH	TIME DATA		DEFLECTION	TEMPERATURE	REMARKS
	ACTUAL	ELAPSED			
	07.19		000		Run in with recorders
	08.19		.0063	69.98	D.S.T. No.1
	09.19		.0066	70.50	
	10.19		.0069	70.71	
	11.19		.0070	70.78	
	12.19		.0158	97.94	
	13.19		.0459	101.02	
	14.19		.0552	107.55	
	15.19		.0968	128.46	
	16.19		.1500	148.25	
	17.19		.1729	156.41	
	18.19		.2129	169.14	
	19.19		.2431	177.27	
	20.19		.2479	178.31	
	21.19		.2510	179.36	
	22.19		.2555	180.41	
	23.19		.3038	192.84	
19.5.81	00.19		.3291	198.43	Tools on bottom
	01.19		.3240	199.51	
3477.85	02.19		.3360	199.94	
"	03.19		.3360	199.94	

Subsurface Temperature Report Continuation Form

DEPTH	TIME DATA		DEFLECTION	TEMPERATURE	REMARKS
	ACTUAL	ELAPSED			
3477.85	0419		.3389	200.37	
	0519		.3389	200.37	
3477.85	0619		.3461	202.09	
	0719		.3545	203.81	
3477.85	0819		.3495	202.73	
	0919		.3499	202.73	
3477.85	1019		.3521	203.30	Started inject N2 at 10:37
	11.19		.3431	201.44	
3477.85	1219		.3459	201.87	
	13.19		.3469	202.09	
3477.85	14.19		.3469	202.09	
	15.19		.3471	202.30	
3477.85	16.19		.3515	203.10	
	17.19		.3413	201.01	Start pulling out of hole 17.15
	18.19		.2069	167.57	
	19.19		.1670	154.28	
	20.19		.1243	139.02	
	21.19		.1070	132.98	
	22.19		.0720	116.22	
	23.19		.0648	112.14	
20.5. 81	0019		.0580	109.08	
	0119		.0540	107.04	
	0219		.0465	101.82	
	0319		.0341	92.27	
	0419		.0261	85.90	
	0455		.0040	68.39	Out of hole with tools.
					CHARTS ATTACHED TO
					MASTER COPY OF
					REPORT.



COMPANY SAGA PETROLEUM

WELL NAME 35/3 - 4

FIELD BLOCK 35/3 TEST INTERVAL 3445-3447.5
3449.25-3453.5

COUNTRY OFFSHORE NORWAY 3454.5-3454.5
3464-3471.5

BAKER TECHNICIAN Richard Tiessen

*Subsurface
Temperature
Report*

DST No. 2

22-05-81

ELEVATION OF ZERO POINT: R.K.B. ELEVATION OF: _____ TEST DEPTH: 3425.44
 TUBING SIZE: 5" WEIGHT: 19.5 lbs/LENGTH: 3285 m PACKER TYPE: R.T.T.S. DEPTH: 3410.03m
 CASING SIZE: 5/8" WEIGHT: 53.5 LENGTH: 3477 m LINER SIZE & WT. _____ TOP _____ BOTTOM: _____

TEMPERATURE ELEMENT NO. 9080 RANGE 87-380 °F RECORDING SECTION NO. 35275
 MAKER: KUSTER DATE OF LAST CALIBRATION: Oct. 9/80
 CLOCK NO. F 2180 RANGE: 120 Hrs. MAKER: KUSTER RUN NO. 1

DEPTH	TIME DATA		DEFLECTION	TEMPERATURE	REMARKS
	ACTUAL	ELAPSED			
22-05-81	0508				Stylus on at start
	0608	60	Reading below 87 ⁰ F		Running in with drill string of tools.
	0708	120			
	0808	180	.0020	87.28	
	0908	240	.0041	87.83	
	1008	300	.0103	89.48	
	1108	360	.0192	91.96	
	1208	420	.0230	93.06	
	1308	480	.0453	99.12	
	1408	540	.1219	117.17	
	1508	600	.2258	136.73	
	1608	660	.3423	155.29	
	1708	720	.5001	176.20	
	1808	780	.5779	185.40	
	1908	840	.5858	186.43	
	2008	900	.6418	194.82	
3425.44	2108	960	.6817	197.28	on bottom
3425.44	2208	1020	.6817	197.28	
3425.44	2308	1080	.6866	197.84	
	23 / 5.81				
3425.44	0008	1140	.6853	197.62	

Subsurface Temperature Report Continuation Form

DEPTH	TIME DATA		DEFLECTION	TEMPERATURE	REMARKS
	ACTUAL	ELAPSED			
3425.44	0108	1200	.6814	197.17	
	0208	1260	.6814	197.17	
3425.44	0308	1320	.6868	197.84	
	0408	1380	.6991	199.19	
3425.44	0508	1440	.6688	195.83	Start out of hole with
	0608	1500	.5501	182.15	tools
	0708	1560	.3930	162.68	
	0808	1620	.2575	142.40	
	0908	1680	.0801	107.82	
	10:08	1740	.0572	102.21	
	11:08	1800	.0361	96.64	
	12.08	1860	.0146	90.58	
	13.08	1920	.0021	87.28	
	13.48	1960	.0000	-	Below 87 ⁰ F
					CHARTS ATTACHED TO MASTER COPY OF REPORT.

*Well Fluids
Surface Sample
Report* **10**





COMPANY SAGA
 WELL NAME 35/3 - 4
 FIELD Block 35/3 TEST INTERVAL 3488.5-3495
3498.25-3503.25
3504.5-3507.75
 COUNTRY Offshore Norway
 BAKER TECHNICIAN R. Tiessen

*Well Fluids
 Surface Sample
 Report*
 PAGE 1 OF 4

DATE: 19/5.81

GENERAL INFORMATION

ELEVATION OF ZERO POINT: <u>R.K.B.</u>		ELEVATION OF DF:		DATUM DEPTH:	
TUBING SIZE: <u>5"</u>	WEIGHT: <u>19.5 lb/ft</u>	LENGTH: <u>3285 metres</u>	THREAD:		
PACKER TYPE: <u>Halliburton R.T.T.S.</u>		SIZE: <u>9 5/8"</u>	DEPTH: <u>3459 metres</u>		
CASING SIZE: <u>9 5/8"</u>	WEIGHT: <u>53.5 lb/ft</u>	THREAD:	LENGTH: <u>3477 Metres</u>		
LINER SIZE:	WEIGHT:	THREAD:	TOP:	BOTTOM:	
PRODUCING INTERVAL FROM			TO:		
INITIAL STATIC BHP:		AT DEPTH:	DATE:		
LAST STATIC BHP		AT DEPTH:	DATE:		

SAMPLING CONDITIONS

CHOKE SIZE: <u>92/64</u>	FLOWING WELLHEAD TEMPERATURE:	FLOWING WELLHEAD PRESSURE: <u>900 P.S.I.</u>
FLOWING BHP:	AT DEPTH:	TIME: <u>1518</u> DATE: <u>19/5.81</u>
TIME SAMPLES WERE TAKEN: <u>1518 Hrs.</u>		
TEST DURATION: START <u>0908 Hrs.</u> FINISH: <u>1642 Hrs.</u>		
PRODUCTION RATE: OIL _____ BBL/DAY	GAS: _____ MMSCF/DAY	WATER: _____ BBL/DAY
GAS/OIL RATIO: _____ CUBIC FEET PER BARREL		
GAS/LIQUID RATIO: _____ CUBIC FEET PER BARREL		
SPECIFIC GRAVITY OIL: _____ API GRAVITY OIL: _____ SPECIFIC GRAVITY GAS: _____		
ATMOSPHERIC PRESSURE: _____ MM OF Hg		
ATMOSPHERIC TEMPERATURE: _____ °F		
STOCK TANK TEMPERATURE: _____ °F		
STOCK TANK VOLUME: _____ BARRELS		
SEPARATOR PRESSURE: _____ PSIG		
SEPARATOR TEMPERATURE: _____ °F		

**TYPE OF SAMPLE
 OIL OR GAS**

TIME	_____	_____	_____	_____
PRESSURE	_____	_____	_____	_____
TEMP.	_____	_____	_____	_____
CONTAINER VOLUME	_____	_____	_____	_____
CONTAINER NUMBER	_____	_____	_____	_____
SHIPPING PRESSURE:	_____	_____	_____	_____

DISPOSITION OF SAMPLE

SHIPPED BY: B.P.S. Norway
 SHIPPED TO: SAGA
 VIA: _____ SHIPPING DATE: _____

REMARKS

1 Litre plastic bottle of fluid taken from sample point on flowline manifold. D.S.T. No: 1
Field calculation on total salts. 29500 PPM.



COMPANY SAGA
 WELL NAME 35/3 -4
 FIELD Block 35/3 TEST INTERVAL 3488.5-3495
3498.25-3503.25
 COUNTRY Offshore Norway (3504.5-3507.75)
 BAKER TECHNICIAN R.Tiessen

*Well Fluids
 Surface Sample
 Report*

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GENERAL INFORMATION

ELEVATION OF ZERO POINT: <u>R.K.B.</u>		ELEVATION OF DF:		DATUM DEPTH:	
TUBING SIZE: <u>5"</u>	WEIGHT: <u>19.5 lb/ft</u>	LENGTH: <u>3285 metres</u>		THREAD:	
PACKER TYPE: <u>Halliburton R.T.T.S.</u>		SIZE: <u>9 5/8</u>	DEPTH: <u>3459 metres</u>		
CASING SIZE: <u>9 5/8"</u>	WEIGHT: <u>53.5 lb/ft</u>	THREAD:	LENGTH: <u>3477 metres</u>		
LINER SIZE:	WEIGHT:	THREAD:	TOP:	BOTTOM:	
PRODUCING INTERVAL FROM:			TO:		
INITIAL STATIC BHP:		AT DEPTH:	DATE:		
LAST STATIC BHP		AT DEPTH:	DATE:		

SAMPLING CONDITIONS

CHOKE SIZE: <u>24/64</u>	FLOWING WELLHEAD TEMPERATURE:		FLOWING WELLHEAD PRESSURE: <u>1090</u>		
FLOWING BHP:	AT DEPTH:	TIME: <u>1524</u>	DATE: <u>19/5.81</u>		
TIME SAMPLES WERE TAKEN: <u>1524 Hrs.</u>					
TEST DURATION: START <u>0908 Hrs.</u> FINISH: <u>1642 Hrs.</u>					
PRODUCTION RATE: OIL _____ BBL/DAY GAS: _____ MMSCF/DAY WATER: _____ BBL/DAY					
GAS/OIL RATIO: _____ CUBIC FEET PER BARREL GAS/LIQUID RATIO: _____ CUBIC FEET PER BARREL					
SPECIFIC GRAVITY OIL: _____ API GRAVITY OIL: _____ SPECIFIC GRAVITY GAS: _____					
ATMOSPHERIC PRESSURE: _____ MM OF Hg ATMOSPHERIC TEMPERATURE: _____ °F					
STOCK TANK TEMPERATURE: _____ °F STOCK TANK VOLUME _____ BARRELS					
SEPARATOR PRESSURE: _____ PSIG SEPARATOR TEMPERATURE: _____ °F					

**TYPE OF SAMPLE
 OIL OR GAS**

TIME				
PRESSURE				
TEMP.				
CONTAINER VOLUME				
CONTAINER NUMBER				
SHIPPING PRESSURE:				

DISPOSITION OF SAMPLE

SHIPPED BY: B.P.S. Norway
 SHIPPED TO: SAGA
 VIA: _____ SHIPPING DATE: May 28.81

REMARKS

Sample taken in 1 litre plastic container from sample point on
 flowline manifold. D.S.T. No: 1
Field calculation on total salts. 29500 PPM.



COMPANY SAGA
 WELL NAME 35/3 - 4 3488.5-3495
 FIELD Block 35/3 TEST INTERVAL 3498.25-3503.25
 COUNTRY Offshore Norway 3404.5-3507.75
 BAKER TECHNICIAN Richard Tiessen

Well Fluids
Surface Sample
Report
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DATE: 19/5.81

GENERAL INFORMATION

ELEVATION OF ZERO POINT: <u>R.K.B.</u>		ELEVATION OF DF:		DATUM DEPTH:	
TUBING SIZE: <u>5"</u>	WEIGHT: <u>19.5 lb/ft.</u>	LENGTH: <u>3285 metres</u>	THREAD:		
PACKER TYPE: <u>Halliburton R.T.T.S.</u>		SIZE: <u>9 5/8"</u>	DEPTH: <u>3459 metres</u>		
CASING SIZE: <u>9 5/8"</u>	WEIGHT: <u>53.5 lbs/ft.</u>	THREAD:	LENGTH: <u>3477 metres</u>		
LINER SIZE:	WEIGHT:	THREAD:	TOP:	BOTTOM:	
PRODUCING INTERVAL FROM			TO:		
INITIAL STATIC BHP:		AT DEPTH:	DATE:		
LAST STATIC BHP		AT DEPTH:	DATE:		

SAMPLING CONDITIONS

CHOKE SIZE: <u>192/64</u>	FLOWING WELLHEAD TEMPERATURE: <u>-</u>	FLOWING WELLHEAD PRESSURE: <u>-</u>	
FLOWING BHP:	AT DEPTH:	TIME: <u>1607 Hrs.</u>	DATE: <u>19/5.81</u>
TIME SAMPLES WERE TAKEN: <u>1607 Hrs.</u>			
TEST DURATION: START <u>0908 Hrs.</u>	FINISH: <u>1642 Hrs.</u>		
PRODUCTION RATE: OIL _____	BBL/DAY GAS: _____	MMSCF/DAY WATER: _____	BBL/DAY _____
GAS/OIL RATIO: _____ CUBIC FEET PER BARREL		GAS/LIQUID RATIO: _____ CUBIC FEET PER BARREL	
SPECIFIC GRAVITY OIL: _____		API GRAVITY OIL: _____	SPECIFIC GRAVITY GAS: _____
ATMOSPHERIC PRESSURE: _____		MM OF Hg	ATMOSPHERIC TEMPERATURE: _____ °F
STOCK TANK TEMPERATURE: _____ °F		STOCK TANK VOLUME _____ BARRELS	
SEPARATOR PRESSURE: _____		PSIG SEPARATOR TEMPERATURE: _____ °F	

TYPE OF SAMPLE
OIL OR GAS

TIME	_____	_____	_____	_____	_____
PRESSURE	_____	_____	_____	_____	_____
TEMP.	_____	_____	_____	_____	_____
CONTAINER VOLUME	_____	_____	_____	_____	_____
CONTAINER NUMBER	_____	_____	_____	_____	_____
SHIPPING PRESSURE:	_____	_____	_____	_____	_____

DISPOSITION OF SAMPLE

SHIPPED BY: B.P.S. Norway
 SHIPPED TO: SAGA
 VIA: _____ SHIPPING DATE: May 28/81

REMARKS

1 litre plastic bottle of fluid taken from sample point on flowline manifold. D.S.T. No. 1
Field calculation on total salts 25000 PPM.