



COMPANY SAGA
 WELL NAME 35/3-4
 FIELD Block 35/3 TEST INTERVAL 3488.5-3495
3498.25-3508.25
 COUNTRY Offshore Norway 3404.5-3509.75
 BAKER TECHNICIAN Richard Tiessen

*Well Fluids
 Surface Sample
 Report*
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DATE: 19-05-81

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>
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>	LENGTH: <u>3477 metres</u>
LINER SIZE:	WEIGHT:	THREAD:
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>1608 Hrs.</u>
TIME SAMPLES WERE TAKEN: <u>1608 Hrs.</u>		DATE: <u>19/5,81</u>
TEST DURATION: START <u>0908 Hrs.</u>	FINISH: <u>1642 Hrs.</u>	
PRODUCTION RATE: OIL _____	BBL/DAY GAS: _____	MMSCF/DAY WATER: _____
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. n.s.t. No: 1
Field calculations on total salts 12605 PPM



COMPANY SAGA
 WELL NAME 35/3-4
 FIELD BLOCK 35/3 TEST INTERVAL 3445-3471.5m
 COUNTRY Offshore Norway
 BAKER TECHNICIAN Richard Tiessen

*Well Fluids
 Surface Sample
 Report*

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DATE 24/5. 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>Haliburton R.T.T.S.</u>		SIZE: <u>9 5/8"</u>	DEPTH: <u>3410.03 m</u>		
CASING SIZE: <u>9 5/8"</u>	WEIGHT: <u>53.5 lb/ft.</u>	THREAD:	LENGTH: <u>3477 m</u>		
LINER SIZE:	WEIGHT:	THREAD:	TOP:	BOTTOM:	
PRODUCING INTERVAL FROM <u>3445 metres</u>		TO: <u>3471.5 metres</u>			
INITIAL STATIC BHP:		AT DEPTH:	DATE:		
LAST STATIC BHP		AT DEPTH:	DATE:		

SAMPLING CONDITIONS

CHOKE SIZE: <u>32/64</u>	FLOWING WELLHEAD TEMPERATURE:	FLOWING WELLHEAD PRESSURE: <u>810 psi</u>	
FLOWING BHP:	AT DEPTH:	TIME:	DATE:
TIME SAMPLES WERE TAKEN: <u>2229 hrs.</u>			
TEST DURATION: START <u>2112 hrs.</u>	FINISH: <u>1525 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 GAS: _____	
SPECIFIC GRAVITY OIL: _____		API GRAVITY OIL: _____	
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	<u>Drill water</u>			
TIME	<u>2229 hrs.</u>			
PRESSURE	<u>810</u>			
TEMP.				
CONTAINER VOLUME	<u>1 litre</u>			
CONTAINER NUMBER	<u>1</u>			
SHIPPING PRESSURE:				

DISPOSITION OF SAMPLE

SHIPPED BY: <u>BPS. Norway</u>	
SHIPPED TO: <u>SAGA</u>	
VIA:	SHIPPING DATE: <u>May 28, 1981</u>

REMARKS

Sample was taken in plastic container from flow line manifold during clean up period. D.S.T. 2A



COMPANY SAGA
 WELL NAME 35/3 - 4
 FIELD Block 35/3 TEST INTERVAL 3445-3471.5m
 COUNTRY Offshore Norway
 BAKER TECHNICIAN Richard Tiessen

*Well Fluids
 Surface Sample
 Report*
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DATE: 24/5 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>3285m</u>	THREAD:
PACKER TYPE: <u>Haliburton R.T.T.S.</u>	SIZE: <u>9 5/8 "</u>	DEPTH: <u>3410.03m</u>	
CASING SIZE: <u>9 5/8"</u>	WEIGHT: <u>53.5 lb/ft.</u>	THREAD:	LENGTH: <u>3477 m</u>
LINER SIZE:	WEIGHT:	THREAD:	TOP: BOTTOM:
PRODUCING INTERVAL FROM <u>3445 m</u>		TO: <u>3471.5 m</u>	
INITIAL STATIC BHP:	AT DEPTH:	DATE:	
LAST STATIC BHP	AT DEPTH:	DATE:	

SAMPLING CONDITIONS

CHOKE SIZE: <u>32/64</u>	FLOWING WELLHEAD TEMPERATURE: <u>70⁰ F</u>	FLOWING WELLHEAD PRESSURE: <u>1690 psi.</u>
FLOWING BHP:	AT DEPTH:	TIME: DATE:
TIME SAMPLES WERE TAKEN: <u>2233 hrs</u>		
TEST DURATION: START <u>2112 hrs.</u>	FINISH: <u>1525 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**

	<u>Drill water</u>			
TIME	<u>2333 hrs.</u>			
PRESSURE	<u>1690 psi</u>			
TEMP.	<u>70 F</u>			
CONTAINER VOLUME	<u>1 litre</u>			
CONTAINER NUMBER	<u>2</u>			
SHIPPING PRESSURE:				

DISPOSITION OF SAMPLE

SHIPPED BY: <u>BPS Norway</u>
SHIPPED TO: <u>SAGA</u>
VIA: _____ SHIPPING DATE: <u>May 28, 1981</u>

REMARKS

Sample was taken in plastic container from flow line manifold during clean up period D.S.T. 2A



COMPANY SAGA
 WELL NAME 35/3 - 4
 FIELD Block 35/3 TEST INTERVAL 3445-3471.5m
 COUNTRY Offshore Norway
 BAKER TECHNICIAN Richard Tiessen

*Well Fluids
 Surface Sample
 Report*
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DATE: 24/5 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 bl/ft.</u>	LENGTH: <u>3285 m</u>	THREAD:		
PACKER TYPE: <u>Haliburton R.T.T.S.</u>		SIZE: <u>9 5/8"</u>	DEPTH: <u>3410.03 m</u>		
CASING SIZE: <u>9 5/8"</u>	WEIGHT: <u>53.5 lb/ft.</u>	THREAD:	LENGTH: <u>3477 m</u>		
LINER SIZE:	WEIGHT:	THREAD:	TOP:	BOTTOM:	
PRODUCING INTERVAL FROM <u>3445 m</u>		TO: <u>3471 m</u>			
INITIAL STATIC BHP:		AT DEPTH:	DATE:		
LAST STATIC BHP:		AT DEPTH:	DATE:		

SAMPLING CONDITIONS

CHOKE SIZE: <u>32/64</u>	FLOWING WELLHEAD TEMPERATURE: <u>70</u> °F	FLOWING WELLHEAD PRESSURE: <u>2380 psi.</u>	
FLOWING BHP:	AT DEPTH:	TIME:	DATE:
TIME SAMPLES WERE TAKEN: <u>2338 hrs</u>			
TEST DURATION: START <u>2112 hrs.</u>	FINISH: <u>1525 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	<u>Drill water</u>			
TIME	<u>2338 hrs</u>			
PRESSURE	<u>2380 hrs.</u>			
TEMP.	<u>70 F</u>			
CONTAINER VOLUME	<u>1 litre</u>			
CONTAINER NUMBER	<u>3</u>			
SHIPPING PRESSURE:				

DISPOSITION OF SAMPLE

SHIPPED BY: BPS Norway
 SHIPPED TO: SAGA
 VIA: _____ SHIPPING DATE: May 28, 1981

REMARKS

Sample was taken from flow line manifold in plastic container during clean up period. D.S.T. 2a

BAKER**PRODUCTION SERVICES**

COMPANY SAGA
 WELL NAME 35/3 - 4
 FIELD BLOCK 35/3 TEST INTERVAL 3445-3471.5
 COUNTRY Offshore Norway
 BAKER TECHNICIAN Richard Tiessen

*Well Fluids
Surface Sample
Report*

DATE: 25/5 81PAGE 4 OF 13**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 m</u>
PACKER TYPE: <u>Haliburton R.T.T.S.</u>	SIZE: <u>9 5/8"</u>	DEPTH: <u>3410.03 m</u>
CASING SIZE: <u>9 5/8"</u>	WEIGHT: <u>53.5 lb/ft.</u>	LENGTH: <u>3477 m</u>
LINER SIZE:	WEIGHT:	THREAD:
PRODUCING INTERVAL FROM <u>3445 metres</u>	TO: <u>3471.5 metres</u>	
INITIAL STATIC BHP:	AT DEPTH:	DATE:
LAST STATIC BHP:	AT DEPTH:	DATE:

SAMPLING CONDITIONS

CHOKE SIZE: <u>36/64</u>	FLOWING WELLHEAD TEMPERATURE: <u>108⁰F</u>	FLOWING WELLHEAD PRESSURE: <u>3125</u>
FLOWING BHP:	AT DEPTH:	TIME:
TIME SAMPLES WERE TAKEN: <u>1118 hrs.</u>		
TEST DURATION: START <u>2112 hrs.</u>	FINISH: <u>1525 hrs.</u>	
PRODUCTION RATE: OIL <u>537.6</u>	BBL/DAY GAS: <u>24.760</u>	MMSCF/DAY WATER: <u>-</u>
GAS/OIL RATIO: <u>46050</u>	CUBIC FEET PER BARREL	GAS/LIQUID RATIO: _____
SPECIFIC GRAVITY OIL: _____	API GRAVITY OIL: <u>50.3</u>	SPECIFIC GRAVITY GAS: <u>0.620</u>
ATMOSPHERIC PRESSURE: _____	MM OF Hg	ATMOSPHERIC TEMPERATURE: _____ °F
STOCK TANK TEMPERATURE: _____ °F	STOCK TANK VOLUME _____	BARRELS
SEPARATOR PRESSURE: <u>840</u>	PSIG	SEPARATOR TEMPERATURE: <u>67</u> °F

TYPE OF SAMPLE

OIL OR GAS	<u>GAS</u>		
TIME	<u>1118 hrs.</u>		
PRESSURE	<u>840</u>		
TEMP.	<u>67</u>		
CONTAINER VOLUME	<u>20 litre</u>		
CONTAINER NUMBER	<u>A 4461</u>		
SHIPPING PRESSURE:	<u>840</u>		

DISPOSITION OF SAMPLE

SHIPPED BY: <u>BPS Norway</u>	
SHIPPED TO: <u>SAGA</u>	
VIA:	SHIPPING DATE: <u>May 28, 1981</u>

REMARKS

Samples was taken from meter run during first flow period, into 20 litre evacuated cylinder.



COMPANY SAGA
 WELL NAME 35/3 - 4
 FIELD Block 35/3 TEST INTERVAL 3445-3471.5
 COUNTRY Offshore Norway
 BAKER TECHNICIAN Richard Tiessen

*Well Fluids
 Surface Sample
 Report*

DATE: 25/5 81

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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 m</u>	THREAD:		
PACKER TYPE: <u>Haliburton</u>	<u>R.T.T.S.</u>	SIZE: <u>9 5/8"</u>	DEPTH: <u>3410.03 m</u>		
CASING SIZE: <u>9 5/8"</u>	WEIGHT: <u>53.5 lb/ft.</u>	THREAD:	LENGTH: <u>3477 m</u>		
LINER SIZE:	WEIGHT:	THREAD:	TOP:	BOTTOM:	
PRODUCING INTERVAL FROM <u>3445 metres</u>		TO: <u>3471.5 metres</u>			
INITIAL STATIC BHP:		AT DEPTH:	DATE:		
LAST STATIC BHP:		AT DEPTH:	DATE:		

SAMPLING CONDITIONS

CHOKE SIZE: <u>36/64</u>	FLOWING WELLHEAD TEMPERATURE: <u>109⁰ F</u>	FLOWING WELLHEAD PRESSURE: <u>3125</u>	
FLOWING BHP:	AT DEPTH:	TIME:	DATE:
TIME SAMPLES WERE TAKEN: <u>1200 hrs.</u>			
TEST DURATION: START <u>2112 hrs.</u>		FINISH: <u>152.5 hrs.</u>	
PRODUCTION RATE: OIL <u>508.8</u>	BBL/DAY GAS: <u>24.783</u>	MMSCF/DAY WATER:	BBL/DAY
GAS/OIL RATIO: <u>48700</u>		CUBIC FEET PER BARREL GAS/LIQUID RATIO: _____ CUBIC FEET PER BARREL	
SPECIFIC GRAVITY OIL: _____		API GRAVITY OIL: <u>50.3</u>	SPECIFIC GRAVITY GAS: <u>0.620</u>
ATMOSPHERIC PRESSURE: _____		MM OF Hg ATMOSPHERIC TEMPERATURE: _____ °F	
STOCK TANK TEMPERATURE: _____ °F		STOCK TANK VOLUME _____ BARRELS	
SEPARATOR PRESSURE: <u>870</u>		PSIG SEPARATOR TEMPERATURE: <u>69</u> °F	

TYPE OF SAMPLE

OIL OR GAS	<u>GAS</u>			
TIME	<u>1200 hrs</u>			
PRESSURE	<u>870 psi</u>			
TEMP.	<u>69 F</u>			
CONTAINER VOLUME	<u>20 litre</u>			
CONTAINER NUMBER	<u>A. 3847</u>			
SHIPPING PRESSURE:	<u>870 psi</u>			

DISPOSITION OF SAMPLE

SHIPPED BY: <u>BPS Norway</u>
SHIPPED TO: <u>SAGA</u>
VIA: _____ SHIPPING DATE: <u>May 28, 1981</u>

REMARKS

Sample was taken during first flow period, from meter run, into 20 litre evacuated cylinder.



COMPANY SAGA
 WELL NAME 35/3 - 4
 FIELD Block 35/3 TEST INTERVAL 3445-3471.5
 COUNTRY Offshore Norway
 BAKER TECHNICIAN Richard Tiessen

*Well Fluids
 Surface Sample
 Report*

DATE: 25/5 81

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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 m</u>	THREAD:		
PACKER TYPE: <u>Halburton R.T.T.S.</u>		SIZE: <u>9 5/8"</u>	DEPTH: <u>3410.03 m</u>		
CASING SIZE: <u>9 5/8"</u>	WEIGHT: <u>53.5 lb/ft.</u>	THREAD:	LENGTH: <u>3477 m</u>		
LINER SIZE:	WEIGHT:	THREAD:	TOP:	BOTTOM:	
PRODUCING INTERVAL FROM <u>3445 metres</u>		TO: <u>3471.5 metres</u>			
INITIAL STATIC BHP:		AT DEPTH:	DATE:		
LAST STATIC BHP:		AT DEPTH:	DATE:		

SAMPLING CONDITIONS

CHOKE SIZE: <u>36/64</u>	FLOWING WELLHEAD TEMPERATURE: <u>110⁰ F</u>	FLOWING WELLHEAD PRESSURE: <u>3118</u>	
FLOWING BHP:	AT DEPTH:	TIME:	DATE:
TIME SAMPLES WERE TAKEN: <u>1218 hrs.</u>			
TEST DURATION: START <u>2112 hrs.</u> FINISH: <u>1525hrs.</u>			
PRODUCTION RATE: OIL <u>537.6</u>	BBL/DAY GAS: <u>24.853</u>	MMSCF/DAY WATER: <u>-</u>	BBL/DAY
GAS/OIL RATIO: <u>46200</u>		CUBIC FEET PER BARREL GAS/LIQUID RATIO: _____ CUBIC FEET PER BARREL	
SPECIFIC GRAVITY OIL: _____		API GRAVITY OIL: <u>50.3</u>	SPECIFIC GRAVITY GAS: <u>0.620</u>
ATMOSPHERIC PRESSURE: <u>875</u>		MM OF Hg	ATMOSPHERIC TEMPERATURE: <u>69</u> °F
STOCK TANK TEMPERATURE: _____ °F		STOCK TANK VOLUME _____ BARRELS	
SEPARATOR PRESSURE: _____ PSIG		SEPARATOR TEMPERATURE: _____ °F	

TYPE OF SAMPLE

OIL OR GAS	<u>GAS</u>			
TIME	<u>1218 hrs.</u>			
PRESSURE	<u>875 psi</u>			
TEMP.	<u>69⁰ F</u>			
CONTAINER VOLUME	<u>20 litre</u>			
CONTAINER NUMBER	<u>A 3434</u>			
SHIPPING PRESSURE:	<u>875 psi</u>			

DISPOSITION OF SAMPLE

SHIPPED BY: BPS Norway
 SHIPPED TO: SAGA
 VIA: _____ SHIPPING DATE: May 28, 1981

REMARKS

Sample was taken during first flow period from meter run into 20 litre evacuated cylinder.

BAKER**PRODUCTION SERVICES**COMPANY SAGAWELL NAME 35/3 - 4FIELD BLOCK 35/3 TEST INTERVAL 3445-3471.5COUNTRY Offshore NorwayDATE: 25/5 81BAKER TECHNICIAN Richard Tiessen

*Well Fluids
Surface Sample
Report*

PAGE 7 OF 13**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 m</u>	THREAD:		
PACKER TYPE: <u>Haliburton R.T.T.S.</u>		SIZE: <u>9 5/8"</u>	DEPTH: <u>3410.03 m</u>		
CASING SIZE: <u>9 5/8"</u>	WEIGHT: <u>53.3 lb/ft.</u>	THREAD:	LENGTH: <u>3477 m</u>		
LINER SIZE:	WEIGHT:	THREAD:	TOP:	BOTTOM:	
PRODUCING INTERVAL FROM <u>3445 metres</u>			TO: <u>3471.5 metres</u>		
INITIAL STATIC BHP:		AT DEPTH:	DATE:		
LAST STATIC BHP		AT DEPTH:	DATE:		

SAMPLING CONDITIONS

CHOKE SIZE: <u>36/64</u>	FLOWING WELLHEAD TEMPERATURE: <u>112⁰F</u>	FLOWING WELLHEAD PRESSURE: <u>3055</u>	
FLOWING BHP:	AT DEPTH:	TIME:	DATE:
TIME SAMPLES WERE TAKEN: <u>1453 hrs. - 1457 hrs.</u>			
TEST DURATION: START <u>2112 hrs</u>	FINISH: <u>1525 hrs</u>		
PRODUCTION RATE: OIL <u>5280</u>	BBL/DAY GAS: <u>24.301</u>	MMSCF/DAY WATER:	BBL/DAY
GAS/OIL RATIO: <u>46024</u>	CUBIC FEET PER BARREL	GAS/LIQUID RATIO:	CUBIC FEET PER BARREL
SPECIFIC GRAVITY OIL:	API GRAVITY OIL: <u>50.3</u>	SPECIFIC GRAVITY GAS: <u>0.620</u>	
ATMOSPHERIC PRESSURE: _____ MM OF Hg ATMOSPHERIC TEMPERATURE: _____ °F			
STOCK TANK TEMPERATURE: _____ °F STOCK TANK VOLUME _____ BARRELS			
SEPARATOR PRESSURE: <u>870</u> PSIG SEPARATOR TEMPERATURE: _____ °F			

TYPE OF SAMPLE

OIL OR GAS	GAS	GAS		
TIME	<u>1453 hrs.</u>	<u>1457 hrs.</u>		
PRESSURE	<u>870 psi.</u>	<u>870 psi</u>		
TEMP.	<u>71 F</u>	<u>71 F</u>		
CONTAINER VOLUME	<u>20 litre</u>	<u>20 litre</u>		
CONTAINER NUMBER	<u>A.3601</u>	<u>A.3600</u>		
SHIPPING PRESSURE:	<u>870 psi</u>	<u>870 psi</u>		

DISPOSITION OF SAMPLE

SHIPPED BY: <u>BPS norway</u>	
SHIPPED TO: <u>SAGA</u>	
VIA:	SHIPPING DATE: <u>May 28, 1981</u>

REMARKS

Samples were taken during first flow period, from meter run into 20 litre evacuated cylinders.



COMPANY SAGA
 WELL NAME 35/3 - 4
 FIELD BLOCK 35/3 TEST INTERVAL 3445-3471.5
 COUNTRY OFFSHORE NORWAY
 BAKER TECHNICIAN RICHARD TIESSEN

*Well Fluids
 Surface Sample
 Report*

DATE 26/5 81

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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 m</u>	THREAD:		
PACKER TYPE: <u>Haliburton R.T.T.S.</u>		SIZE: <u>9 5/8"</u>	DEPTH: <u>3410.03 m</u>		
CASING SIZE: <u>9 5/8"</u>	WEIGHT: <u>53.5 lb/ft.</u>	THREAD:	LENGTH: <u>3477 m</u>		
LINER SIZE:	WEIGHT:	THREAD:	TOP:	BOTTOM:	
PRODUCING INTERVAL FROM <u>3445 m</u>			TO: <u>3471.5 m</u>		
INITIAL STATIC BHP:		AT DEPTH:	DATE:		
LAST STATIC BHP:		AT DEPTH:	DATE:		

SAMPLING CONDITIONS

CHOKE SIZE: <u>34/64</u>	FLOWING WELLHEAD TEMPERATURE:		FLOWING WELLHEAD PRESSURE:		
FLOWING BHP:	AT DEPTH:	TIME:	DATE:		
TIME SAMPLES WERE TAKEN: <u>1118 hrs.</u>					
TEST DURATION: START <u>2112 hrs.</u> FINISH: <u>1525 hrs.</u>					
PRODUCTION RATE: OIL <u>537.6</u> BBL/DAY GAS: <u>24.760</u> MMSCF/DAY WATER: _____ BBL/DAY					
GAS/OIL RATIO: <u>46050</u> CUBIC FEET PER BARREL GAS/LIQUID RATIO: _____ CUBIC FEET PER BARREL					
SPECIFIC GRAVITY OIL: _____ API GRAVITY OIL: <u>50.3</u> SPECIFIC GRAVITY GAS: <u>0.620</u>					
ATMOSPHERIC PRESSURE: _____ MM OF Hg ATMOSPHERIC TEMPERATURE: _____ °F					
STOCK TANK TEMPERATURE: _____ °F STOCK TANK VOLUME: _____ BARRELS					
SEPARATOR PRESSURE: <u>840</u> PSIG SEPARATOR TEMPERATURE: <u>67</u> °F					
TYPE OF SAMPLE					
OIL OR GAS <u>Condensate</u>					
TIME <u>1118 hrs-1146 hrs.</u>					
PRESSURE <u>840 psi</u>					
TEMP. <u>67 F</u>					
CONTAINER VOLUME <u>340 cc</u>					
CONTAINER NUMBER <u>S 174</u>					
SHIPPING PRESSURE: <u>840 psi</u>					

DISPOSITION OF SAMPLE

SHIPPED BY: <u>BPS NORWAY</u>
SHIPPED TO: <u>SAGA</u>
VIA: _____ SHIPPING DATE: <u>May 28/ 1981</u>

REMARKS

Sample taken off sight glass on high pressure separator
 Procedure:- Displace 240 cc Mercury
 - Shut in sample source
 - Displace 50 cc mercury.



COMPANY SAGA
 WELL NAME 35/3 - 4
 FIELD BLOCK 35/3 TEST INTERVAL 3445-3471.5
 COUNTRY OFFSHORE NORWAY
 BAKER TECHNICIAN Richard Tiessen

*Well Fluids
 Surface Sample
 Report*

DATE: 25/5 81

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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 m</u>
PACKER TYPE: <u>Haliburton R.T.T.S.</u>	SIZE: <u>9 5/8"</u>	DEPTH: <u>3410.03 m</u>
CASING SIZE: <u>9 5/8"</u>	WEIGHT: <u>53.5 lb/ft</u>	LENGTH: <u>3477 m</u>
LINER SIZE:	WEIGHT:	THREAD:
PRODUCING INTERVAL FROM <u>3445 m</u>	TO: <u>3471.5 m</u>	
INITIAL STATIC BHP:	AT DEPTH:	DATE:
LAST STATIC BHP:	AT DEPTH:	DATE:

SAMPLING CONDITIONS

CHOKE SIZE: <u>36/64</u>	FLOWING WELLHEAD TEMPERATURE: <u>112⁰F</u>	FLOWING WELLHEAD PRESSURE: <u>3055</u>
FLOWING BHP:	AT DEPTH:	TIME:
TIME SAMPLES WERE TAKEN: <u>1445-1510 hrs.</u>		
TEST DURATION: START <u>2112 hrs.</u>	FINISH: <u>1525 hrs.</u>	
PRODUCTION RATE: OIL <u>528.0</u> BBL/DAY	GAS: <u>24.463</u> MMSCF/DAY	WATER: <u>-</u> BBL/DAY
GAS/OIL RATIO: <u>46300</u>	CUBIC FEET PER BARREL	GAS/LIQUID RATIO: _____ CUBIC FEET PER BARREL
SPECIFIC GRAVITY OIL: _____	API GRAVITY OIL: <u>50.3</u>	SPECIFIC GRAVITY GAS: <u>0.620</u>
ATMOSPHERIC PRESSURE: _____	MM OF Hg	ATMOSPHERIC TEMPERATURE: _____ °F
STOCK TANK TEMPERATURE: _____ °F	STOCK TANK VOLUME: _____	BARRELS
SEPARATOR PRESSURE: <u>870</u>	PSIG	SEPARATOR TEMPERATURE: <u>72</u> °F

TYPE OF SAMPLE

OIL OR GAS	<u>Condensate</u>
TIME	<u>1445-1510 hrs.</u>
PRESSURE	<u>870 psi</u>
TEMP.	<u>72 F</u>
CONTAINER VOLUME	<u>1050 cc</u>
CONTAINER NUMBER	<u>A 51 or A-1577</u>
SHIPPING PRESSURE:	<u>870 psi</u>

DISPOSITION OF SAMPLE

SHIPPED BY: <u>BPS NORWAY</u>	
SHIPPED TO: <u>SAGA</u>	
VIA: _____	SHIPPING DATE: <u>May 28, 1981</u>

REMARKS

Sample taken off sight glass on high pressure separator
Procedure: -Displace 800 cc mercury
-Shut in sample source
- Displace 50 cc mercury

BAKER**PRODUCTION SERVICES**

COMPANY SAGA
 WELL NAME 35/3 - 4
 FIELD Block 35/3 TEST INTERVAL 3445-3471.5
 COUNTRY OFFSHORE NORWAY
 BAKER TECHNICIAN Richard Tiessen

*Well Fluids
 Surface Sample
 Report*

PAGE 10 OF 13

DATE: 25/5 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 m</u>	THREAD:		
PACKER TYPE: <u>Haliburton R.T.T.S.</u>		SIZE: <u>9 5/8"</u>	DEPTH: <u>3410.03 m</u>		
CASING SIZE: <u>9 5/8"</u>	WEIGHT: <u>53.5 lb/ft.</u>	THREAD:	LENGTH: <u>3477 m</u>		
LINER SIZE:	WEIGHT:	THREAD:	TOP:	BOTTOM:	
PRODUCING INTERVAL FROM <u>3445 m</u>		TO: <u>3471.5 m</u>			
INITIAL STATIC BHP:		AT DEPTH:	DATE:		
LAST STATIC BHP:		AT DEPTH:	DATE:		

SAMPLING CONDITIONS

CHOKE SIZE: <u>36/64</u>	FLOWING WELLHEAD TEMPERATURE: <u>112⁰ F</u>	FLOWING WELLHEAD PRESSURE: <u>1310 psi</u>	
FLOWING BHP:	AT DEPTH:	TIME:	DATE:
TIME SAMPLES WERE TAKEN: <u>1345 - 1410 hrs.</u>			
TEST DURATION: START <u>2112 hrs.</u>	FINISH: <u>1525 hrs.</u>		
PRODUCTION RATE: OIL <u>508.8</u>	BBL/DAY GAS: <u>24.644</u>	MMSCF/DAY WATER:	BBL/DAY
GAS/OIL RATIO: <u>48400</u>	CUBIC FEET PER BARREL GAS/LIQUID RATIO:	CUBIC FEET PER BARREL	
SPECIFIC GRAVITY OIL:	API GRAVITY OIL: <u>50.3</u>	SPECIFIC GRAVITY GAS: <u>0.620</u>	
ATMOSPHERIC PRESSURE:	MM OF Hg	ATMOSPHERIC TEMPERATURE:	°F
STOCK TANK TEMPERATURE:	°F	STOCK TANK VOLUME:	BARRELS
SEPARATOR PRESSURE: <u>870</u>	PSIG	SEPARATOR TEMPERATURE:	<u>72</u> °F

TYPE OF SAMPLE

OIL OR GAS	<u>Condensate</u>		
TIME	<u>1345-1410 hrs.</u>		
PRESSURE	<u>870 psi</u>		
TEMP.	<u>72⁰ F</u>		
CONTAINER VOLUME	<u>1050 cc</u>		
CONTAINER NUMBER	<u>A148 or A1323</u>		
SHIPPING PRESSURE:	<u>870 psi</u>		

DISPOSITION OF SAMPLE

SHIPPED BY: <u>BPS Norway</u>	
SHIPPED TO: <u>SAGA</u>	
VIA:	SHIPPING DATE: <u>May 28, 1981</u>

REMARKS

Sample taken off sight glass on high pressure seperator
 Procedure:- Displace 800 cc Mercury
 - Shut in sample source
 - Displace 50 cc -Mercury.

FORM NO. 31-34 (2/74)



COMPANY SAGA
 WELL NAME 35/3 - 4
 FIELD BLOCK 35/3 TEST INTERVAL 3445-3471.5
 COUNTRY Offshore Norway
 BAKER TECHNICIAN Richard Tiessen

*Well Fluids
 Surface Sample
 Report*

DATE: 25/5 81

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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 m</u>	THREAD:		
PACKER TYPE: <u>Haliburton R.T.T.S.</u>		SIZE: <u>9 5/8"</u>	DEPTH: <u>3410.03 m</u>		
CASING SIZE: <u>9 5/8"</u>	WEIGHT: <u>53.5 lb/ft.</u>	THREAD:	LENGTH: <u>3477 m</u>		
LINER SIZE:	WEIGHT:	THREAD:	TOP:	BOTTOM:	
PRODUCING INTERVAL FROM <u>3445 m</u>			TO: <u>3471.5 m</u>		
INITIAL STATIC BHP:		AT DEPTH:	DATE:		
LAST STATIC BHP		AT DEPTH:	DATE:		

SAMPLING CONDITIONS

CHOKE SIZE: <u>S.I.</u>	FLOWING WELLHEAD TEMPERATURE:		FLOWING WELLHEAD PRESSURE:		
FLOWING BHP:	AT DEPTH:	TIME:	DATE:		
TIME SAMPLES WERE TAKEN: <u>1540 hrs.</u>					
TEST DURATION: START <u>2112 hrs.</u> FINISH: <u>1525 hrs.</u>					
PRODUCTION RATE: OIL <u>-</u> BBL/DAY GAS: <u>-</u> MMSCF/DAY WATER: <u>-</u> BBL/DAY					
GAS/OIL RATIO: <u>-</u> CUBIC FEET PER BARREL GAS/LIQUID RATIO: <u>-</u> CUBIC FEET PER BARREL					
SPECIFIC GRAVITY OIL: <u>-</u> API GRAVITY OIL: <u>-</u> SPECIFIC GRAVITY GAS: <u>-</u>					
ATMOSPHERIC PRESSURE: <u>-</u> MM OF Hg ATMOSPHERIC TEMPERATURE: <u>-</u> °F					
STOCK TANK TEMPERATURE: <u>-</u> °F STOCK TANK VOLUME <u>-</u> BARRELS					
SEPARATOR PRESSURE: <u>-</u> PSIG SEPARATOR TEMPERATURE: <u>-</u> °F					
TYPE OF SAMPLE					
OIL OR GAS	<u>Condensate</u>				
TIME	<u>1540 hrs.</u>				
PRESSURE	<u>-</u>				
TEMP.	<u>-</u>				
CONTAINER VOLUME	<u>50 gallon</u>				
CONTAINER NUMBER	<u>1x</u>				
SHIPPING PRESSURE:	<u>-</u>				

DISPOSITION OF SAMPLE

SHIPPED BY: <u>BPS Norway</u>	
SHIPPED TO: <u>SAGA</u>	
VIA:	SHIPPING DATE: <u>May 28. 1981</u>

REMARKS

Sample was taken direct from separator after first flow period.



COMPANY SAGA
 WELL NAME 35/3 -4
 FIELD BLOCK 35/3 TEST INTERVAL 3445-3471.5
 COUNTRY Offshore Norway
 BAKER TECHNICIAN Richard Tiessen

*Well Fluids
 Surface Sample
 Report*
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DATE 25/5 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>9 5/8"</u>	THREAD:		
PACKER TYPE: <u>Haliburton R.T:T.S.</u>		SIZE: <u>9 5/8"</u>	DEPTH: <u>3410.03m</u>		
CASING SIZE: <u>9 5/8"</u>	WEIGHT: <u>53.5 lb/ft.</u>	THREAD:	LENGTH: <u>3477 m</u>		
LINER SIZE:	WEIGHT:	THREAD:	TOP:	BOTTOM:	
PRODUCING INTERVAL FROM <u>3445m</u>			TO: <u>3471.5m</u>		
INITIAL STATIC BHP:		AT DEPTH:	DATE:		
LAST STATIC BHP		AT DEPTH:	DATE:		

SAMPLING CONDITIONS

CHOKE SIZE: <u>S.I.</u>	FLOWING WELLHEAD TEMPERATURE:	FLOWING WELLHEAD PRESSURE:
FLOWING BHP:	AT DEPTH:	TIME: DATE:
TIME SAMPLES WERE TAKEN: <u>1535 hrs.</u>		
TEST DURATION: START <u>2112 hrs.</u> FINISH: <u>1525 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 Formation Fluid

TIME	_____	_____	_____	_____
PRESSURE	_____	_____	_____	_____
TEMP.	_____	_____	_____	_____
CONTAINER VOLUME	<u>10 litres</u>	_____	_____	_____
CONTAINER NUMBER	<u>3x</u>	_____	_____	_____
SHIPPING PRESSURE:	_____	_____	_____	_____

DISPOSITION OF SAMPLE

SHIPPED BY: BPS Norway
 SHIPPED TO: SAGA
 VIA: _____ SHIPPING DATE: May 28, 1981

REMARKS

Sample was taken from separator water line after first flow period.

FORM NO. 31-34 (2/74)

BAKER**PRODUCTION SERVICES**COMPANY SAGAWELL NAME 35/3 - 4FIELD BLOCK 35/3 TEST INTERVAL 3445-3471.5COUNTRY OFFSHORE NORWAYBAKER TECHNICIAN RICHARD TIESSENDATE: 25/5 81PAGE 13 OF 13*Well Fluids
Surface Sample
Report***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 m</u>	THREAD:		
PACKER TYPE: <u>Haliburton R.T.T.S.</u>		SIZE: <u>9 5/8"</u>	DEPTH: <u>3410.03 m</u>		
CASING SIZE: <u>9 5/8"</u>	WEIGHT: <u>53.5 lb/ft.</u>	THREAD:	LENGTH: <u>3477 m</u>		
LINER SIZE:	WEIGHT:	THREAD:	TOP:	BOTTOM:	
PRODUCING INTERVAL FROM <u>3445 m</u>			TO: <u>3471.5 m</u>		
INITIAL STATIC BHP:		AT DEPTH:	DATE:		
LAST STATIC BHP		AT DEPTH:	DATE:		

SAMPLING CONDITIONS

CHOKE SIZE: <u>S.I.</u>	FLOWING WELLHEAD TEMPERATURE:		FLOWING WELLHEAD PRESSURE:		
FLOWING BHP:	AT DEPTH:	TIME:	DATE:		
TIME SAMPLES WERE TAKEN: <u>1550 hrs.</u>					
TEST DURATION: START <u>2112 hrs.</u> FINISH: <u>1525 hrs.</u>					
PRODUCTION RATE: OIL <u>-</u> BBL/DAY GAS: <u>-</u> MMSCF/DAY WATER: <u>-</u> BBL/DAY					
GAS/OIL RATIO: <u>-</u> CUBIC FEET PER BARREL GAS/LIQUID RATIO: <u>-</u> CUBIC FEET PER BARREL					
SPECIFIC GRAVITY OIL: <u>-</u> API GRAVITY OIL: <u>-</u> SPECIFIC GRAVITY GAS: <u>-</u>					
ATMOSPHERIC PRESSURE: <u>-</u> MM OF Hg ATMOSPHERIC TEMPERATURE: <u>-</u> °F					
STOCK TANK TEMPERATURE: <u>-</u> °F STOCK TANK VOLUME <u>-</u> BARRELS					
SEPARATOR PRESSURE: <u>-</u> PSIG SEPARATOR TEMPERATURE: <u>-</u> °F					
TYPE OF SAMPLE					
OIL OR GAS <u>Condensate</u>					
TIME <u>1550 hrs.</u>					
PRESSURE <u>-</u>					
TEMP. <u>-</u>					
CONTAINER VOLUME <u>50 gallon</u>					
CONTAINER NUMBER <u>2x</u>					
SHIPPING PRESSURE: <u>-</u>					

DISPOSITION OF SAMPLE

SHIPPED BY: <u>BPS Norway</u>	
SHIPPED TO: <u>SAGA</u>	
VIA: <u>-</u>	SHIPPING DATE: <u>MAY 28, 1981</u>

REMARKS

Sample was taken direct from separator afet first flow period.



COMPANY SAGA
 WELL NAME 35/3 - 4
 FIELD Block 35/3 TEST INTERVAL 3445-3471.5
 COUNTRY Offshore Norway
 BAKER TECHNICIAN Richard Tiessen

*Well Fluids
Surface Sample
Report*

DATE: 26.5.81

PAGE 1 OF 13

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>3410 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 <u>3445 metres</u>			TO: <u>3471.5 metres</u>		
INITIAL STATIC BHP:		AT DEPTH:		DATE:	
LAST STATIC BHP:		AT DEPTH:		DATE:	

SAMPLING CONDITIONS

CHOKE SIZE: <u>24/64</u>	FLOWING WELLHEAD TEMPERATURE: <u>86⁰ F</u>	FLOWING WELLHEAD PRESSURE: <u>3590 PSI.</u>	
FLOWING BHP:	AT DEPTH:	TIME: <u>1921 hrs</u>	DATE: <u>26/5 81</u>
TIME SAMPLES WERE TAKEN: <u>1921 hrs. through 1939 hrs.</u>			
TEST DURATION: START <u>0740 hrs. 26.5. 81</u>	FINISH: <u>0020 hrs. 27.5 81</u>		
PRODUCTION RATE: OIL <u>288.0</u>	BBL/DAY GAS: <u>12.651</u>	MMSCF/DAY WATER:	BBL/DAY
GAS/OIL RATIO: <u>43927</u>	CUBIC FEET PER BARREL	GAS/LIQUID RATIO:	CUBIC FEET PER BARREL
SPECIFIC GRAVITY OIL:	API GRAVITY OIL <u>51.7</u>	API:	SPECIFIC GRAVITY GAS: <u>.616</u>
ATMOSPHERIC PRESSURE:		MM OF Hg ATMOSPHERIC TEMPERATURE: °F	
STOCK TANK TEMPERATURE: °F		STOCK TANK VOLUME: BARRELS	
SEPARATOR PRESSURE: <u>897</u>	PSIG SEPARATOR TEMPERATURE:		<u>40</u> °F

TYPE OF SAMPLE

OIL OR GAS	<u>Condensate</u>			
TIME	<u>1921-1939 hrs.</u>			
PRESSURE	<u>897 psi.</u>			
TEMP.	<u>40⁰F</u>			
CONTAINER VOLUME	<u>1050 cc</u>			
CONTAINER NUMBER	<u>A-1345</u>			
SHIPPING PRESSURE:	<u>825 psi.</u>			

DISPOSITION OF SAMPLE

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

REMARKS

Sample was taken from sight glass during second main flow period into mercury filled 1050 cc cylinder.
-procedure:- Displace 800 cc mercury
- Shut in sample source
- Displace additional 50 cc mercury.



COMPANY SAGA
 WELL NAME 35/3 - 4
 FIELD Block 35/3 TEST INTERVAL 3445-3471.5
 COUNTRY Offshore Norway
 BAKER TECHNICIAN Richard Tiessen

*Well Fluids
 Surface Sample
 Report*

DATE: 26/5. 81

PAGE 2 OF 13

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>3410.03metrs</u>		
CAISING 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 <u>3445 metres</u>			TO: <u>3471.5 metres</u>		
INITIAL STATIC BHP:		AT DEPTH:	DATE:		
LAST STATIC BHP		AT DEPTH:	DATE:		

SAMPLING CONDITIONS

CHOKE SIZE: <u>24/64</u>	FLOWING WELLHEAD TEMPERATURE: <u>86⁰ F</u>	FLOWING WELLHEAD PRESSURE: <u>3590 PSI</u>
FLOWING BHP:	AT DEPTH:	TIME: <u>1936 hrs</u>
DATE: <u>26.5 81.</u>		
TIME SAMPLES WERE TAKEN: <u>1936 hrs.</u>		
TEST DURATION: START <u>0740 hrs. 26.5 81</u>	FINISH: <u>0020 hrs. 27/5. 81</u>	
PRODUCTION RATE: OIL <u>288.0</u>	BBL/DAY GAS: <u>12.651</u>	MMSCF/DAY WATER: _____ BBL/DAY
GAS/OIL RATIO: <u>43927</u> CUBIC FEET PER BARREL GAS/LIQUID RATIO: _____ CUBIC FEET PER BARREL		
SPECIFIC GRAVITY OIL: _____ API GRAVITY OIL: <u>51.7⁰ API</u> SPECIFIC GRAVITY GAS: <u>0.616</u>		
ATMOSPHERIC PRESSURE: _____ MM OF Hg ATMOSPHERIC TEMPERATURE: _____ °F		
STOCK TANK TEMPERATURE: _____ °F STOCK TANK VOLUME _____ BARRELS		
SEPARATOR PRESSURE: <u>900</u> PSIG SEPARATOR TEMPERATURE: <u>40</u> °F		

TYPE OF SAMPLE

OIL OR GAS	<u>GAS</u>			
TIME	<u>1936 hrs.</u>			
PRESSURE	<u>900 psi</u>			
TEMP.	<u>40 F</u>			
CONTAINER VOLUME	<u>20 litre</u>			
CONTAINER NUMBER	<u>A-3595</u>			
SHIPPING PRESSURE:	<u>900 psi</u>			

DISPOSITION OF SAMPLE

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

REMARKS

Sample was taken from meter run during second main flow period into 20 litre evacuated cylinder.