



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 3 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>3410.03 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>86⁰F</u>	FLOWING WELLHEAD PRESSURE: <u>3590 PSI.</u>			
FLOWING BHP:	AT DEPTH:	TIME: <u>1941 hrs.</u>	DATE: <u>26/5.81</u>		
TIME SAMPLES WERE TAKEN: <u>1941 hrs.</u>					
TEST DURATION: START <u>0740 hrs. 25.5.81</u>		FINISH: <u>0020 hrs. 27/5 81</u>			
PRODUCTION RATE: OIL <u>364.8</u> BBL/DAY GAS: <u>12.303</u> MMSCF/DAY WATER: _____ BBL/DAY					
GAS/OIL RATIO: <u>33725</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>887</u> PSIG SEPARATOR TEMPERATURE: <u>40</u> °F					

TYPE OF SAMPLE

OIL OR GAS	<u>GAS</u>			
TIME	<u>1941 hrs.</u>			
PRESSURE	<u>887 psi</u>			
TEMP.	<u>40⁰F</u>			
CONTAINER VOLUME	<u>20 litre</u>			
CONTAINER NUMBER	<u>A-3598</u>			
SHIPPING PRESSURE:	<u>887 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.



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 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 metres</u>	THREAD:		
PACKER TYPE: <u>Halliburton 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 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>3584 PSI</u>	
FLOWING BHP:	AT DEPTH:	TIME: <u>2000 hrs.</u>	DATE: <u>26.5. 81</u>
TIME SAMPLES WERE TAKEN: <u>2000 hrs. through 2048 hrs.</u>			
TEST DURATION: START <u>0740 hrs. 26.5 81</u>	FINISH: <u>0020hrs. 27/5 81</u>		
PRODUCTION RATE: OIL <u>345.6</u>	BBL/DAY GAS: <u>12.649</u>	MMSCF/DAY WATER: _____ BBL/DAY	
GAS/OIL RATIO: <u>36530</u>		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: <u>870</u>		PSIG SEPARATOR TEMPERATURE: <u>40</u> °F	

TYPE OF SAMPLE

OIL OR GAS	<u>Condensate</u>	_____	_____	_____
TIME	<u>2000-2048 hrs.</u>	_____	_____	_____
PRESSURE	<u>870 psi</u>	_____	_____	_____
TEMP.	<u>40 F</u>	_____	_____	_____
CONTAINER VOLUME	<u>1050 cc</u>	_____	_____	_____
CONTAINER NUMBER	<u>A-1322</u>	_____	_____	_____
SHIPPING PRESSURE:	<u>675 psi.</u>	_____	_____	_____

DISPOSITION OF SAMPLE

SHIPPED BY: <u>B.P.S. Norway</u>	
SHIPPED TO: <u>SAGA</u>	
VIA: _____	SHIPPING DATE: <u>May 28, 1981</u>

REMARKS

Sample was taken from sight glass during second main flow period into mercury filled 1050 cc cylinder.
- procedure- displace 800cc mercury
- suit 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 5 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>53.5 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>24/64</u>	FLOWING WELLHEAD TEMPERATURE: <u>84⁰ F</u>	FLOWING WELLHEAD PRESSURE: <u>3587 psi</u>	
FLOWING BHP:	AT DEPTH:	TIME: <u>2023 hrs.</u>	DATE: <u>26/5. 81</u>
TIME SAMPLES WERE TAKEN: <u>2023 hrs.</u>			
TEST DURATION: START <u>0740 hrs. 26/5 81</u> FINISH: <u>0020hrs. 27/5 81</u>			
PRODUCTION RATE: OIL <u>556.8</u> BBL/DAY GAS: <u>13.039</u> MMSCF/DAY WATER: _____ BBL/DAY			
GAS/OIL RATIO: <u>23417</u> CUBIC FEET PER BARREL GAS/LIQUID RATIO: _____ CUBIC FEET PER BARREL			
SPECIFIC GRAVITY OIL: _____ API GRAVITY OIL: <u>51.7⁰ APT.</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>865</u> PSIG SEPARATOR TEMPERATURE: <u>40</u> °F			
TYPE OF SAMPLE			
OIL OR GAS			
	<u>GAS</u>		
TIME	<u>2023 hrs.</u>		
PRESSURE	<u>865 psi</u>		
TEMP.	<u>40⁰ F</u>		
CONTAINER VOLUME	<u>20 litre</u>		
CONTAINER NUMBER	<u>A-4641</u>		
SHIPPING PRESSURE:	<u>865 psi.</u>		

DISPOSITION OF SAMPLE

SHIPPED BY: <u>BPS: 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.

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: 26/5 81PAGE 6 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>53.5 lb/ft.</u>	THREAD:	LENGTH: <u>3477 m</u>		
LINER SIZE:	WEIGHT:	THREAD:	TOP: <u>3471.5 m</u>	BOTTOM:	
PRODUCING INTERVAL FROM <u>3445 m</u>			TO:		
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</u>	FLOWING WELLHEAD PRESSURE: <u>3587 psi</u>			
FLOWING BHP:	AT DEPTH:	TIME: <u>2031 hrs.</u>	DATE: <u>26.5 81</u>		
TIME SAMPLES WERE TAKEN: <u>2031 hrs.</u>					
TEST DURATION: START	<u>0740 hrs. 26/5 81</u>	FINISH:	<u>0020 hrs. 27/5 81</u>		
PRODUCTION RATE: OIL <u>556.8</u>	BBL/DAY GAS: <u>13.039</u>	MMSCF/DAY WATER:	BBL/DAY		
GAS/OIL RATIO: <u>23417</u>	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: <u>860</u>		PSIG	SEPARATOR TEMPERATURE:		<u>40</u> °F
TYPE OF SAMPLE					
OIL OR GAS	<u>GAS</u>				
TIME	<u>2031 hrs.</u>				
PRESSURE	<u>860 psi</u>				
TEMP.	<u>40 F</u>				
CONTAINER VOLUME	<u>20 litre</u>				
CONTAINER NUMBER	<u>A-3594</u>				
SHIPPING PRESSURE:	<u>860 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 from meter run during second main flow period 20 litre evacuated cylinder.

BAKER**PRODUCTION SERVICES**COMPANY SAGAWELL NAME 35/3 - 4FIELD Block 35/3 TEST INTERVAL 3445-3471.5COUNTRY Offshore NorwayBAKER TECHNICIAN Richard TiessenDATE 26 -05-81PAGE 7 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 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>85⁰ F</u>	FLOWING WELLHEAD PRESSURE: <u>3588 PSI.</u>
FLOWING BHP:	AT DEPTH:	TIME: <u>2107-2129 hrs</u> DATE: <u>26/5 81</u>
TIME SAMPLES WERE TAKEN: <u>2107 through 2129 hrs.</u>		
TEST DURATION: START <u>0740 hrs. 26/5 81</u>	FINISH: <u>0020 hrs. 27/5 81</u>	
PRODUCTION RATE: OIL <u>268.8</u>	BBL/DAY GAS: <u>12.902</u>	MMSCF/DAY WATER: _____ BBL/DAY
GAS/OIL RATIO: <u>47988</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>865</u>	PSIG	SEPARATOR TEMPERATURE: _____ °F

**TYPE OF SAMPLE
OIL OR GAS**

	<u>Condensate</u>			
TIME	<u>2107-2129 hrs.</u>			
PRESSURE	<u>868 psi</u>			
TEMP.	<u>40 F</u>			
CONTAINER VOLUME	<u>340 cc</u>			
CONTAINER NUMBER	<u>S-170</u>			
SHIPPING PRESSURE:	<u>675 psi</u>			

DISPOSITION OF SAMPLE

SHIPPED BY: <u>BPS 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 340 cc mercury filled cylinder.

- Procedure: - Displace 240 cc mercury
- Shut in sample source
- Displace additional 30cc 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 8 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>24/64</u>	FLOWING WELLHEAD TEMPERATURE:	FLOWING WELLHEAD PRESSURE:
FLOWING BHP:	AT DEPTH:	TIME: <u>2108 hrs.</u>
DATE: <u>26.5 81</u>		
TIME SAMPLES WERE TAKEN: <u>2108 hrs.</u>		
TEST DURATION: START <u>0740 hrs. 26/5. 81</u>	FINISH: <u>0020 hrs 27/5 81</u>	
PRODUCTION RATE: OIL <u>268.8</u>	BBL/DAY GAS: <u>12.902</u>	MMSCF/DAY WATER: _____ BBL/DAY
GAS/OIL RATIO: <u>47988</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>865</u>	PSIG	SEPARATOR TEMPERATURE: <u>40</u> °F

TYPE OF SAMPLE	<u>GAS</u>
OIL OR GAS	
TIME	<u>2108 hrs.</u>
PRESSURE	<u>865 psi</u>
TEMP.	<u>40 °F</u>
CONTAINER VOLUME	<u>20 litre</u>
CONTAINER NUMBER	<u>A. 3224</u>
SHIPPING PRESSURE:	<u>865 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 from run during main flow period into 20 litre evacuated cylinder.

BAKER**PRODUCTION SERVICES**

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

*Well Fluids
 Surface Sample
 Report*

DATE: 26-05-81PAGE 9 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 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>24/64</u>	FLOWING WELLHEAD TEMPERATURE: <u>85⁰F</u>	FLOWING WELLHEAD PRESSURE: <u>3588 PSI.</u>	
FLOWING BHP:	AT DEPTH:	TIME: <u>2129 hrs.</u>	DATE: <u>26/5 81</u>
TIME SAMPLES WERE TAKEN: <u>2129 hrs.</u>			
TEST DURATION: START <u>0740 hrs. 26/5 81</u>	FINISH: <u>0020 27/5 81</u>		
PRODUCTION RATE: OIL <u>220.8</u>	BBL/DAY GAS: <u>12.748</u>	MMSCF/DAY WATER:	BBL/DAY
GAS/OIL RATIO: <u>57735</u>	CUBIC FEET PER BARREL GAS/LIQUID RATIO:	CUBIC FEET PER BARREL	
SPECIFIC GRAVITY OIL:	API GRAVITY OIL: <u>51.7" 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>860</u>	PSIG	SEPARATOR TEMPERATURE:	<u>40</u> °F

TYPE OF SAMPLE

OIL OR GAS	<u>GAS</u>			
TIME	<u>2129 hrs.</u>			
PRESSURE	<u>860 psi</u>			
TEMP.	<u>40⁰F</u>			
CONTAINER VOLUME	<u>20 litre</u>			
CONTAINER NUMBER	<u>A-3867</u>			
SHIPPING PRESSURE:	<u>860 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 from meter run during second main flow period into 20 litre evacuated cylinder.

BAKER**PRODUCTION SERVICES**COMPANY SAGAWELL NAME 35/3 - 4FIELD Block 35/3 TEST INTERVAL 3445-3471.5COUNTRY Offshore NORwayDATE: 27.5 81BAKER TECHNICIAN Richard TiessenPAGE 10 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>53.5 lb/ft.</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 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>S.T.</u>	FLOWING WELLHEAD TEMPERATURE:	FLOWING WELLHEAD PRESSURE:	
FLOWING BHP:	AT DEPTH:	TIME: <u>0030 hrs.</u>	DATE: <u>27/5 81</u>
TIME SAMPLES WERE TAKEN: <u>0030hrs.</u>			
TEST DURATION: START <u>0740 hrs.</u>	<u>26/5 81</u>	FINISH: <u>0020 hrs.</u>	<u>27/5 81</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>Condensate</u>			
TIME	<u>0030 hrs.</u>			
PRESSURE	<u>"</u>			
TEMP.	<u>"</u>			
CONTAINER VOLUME	<u>50 gal</u>			
CONTAINER NUMBER	<u>1 Y</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 from oil line on separator flowing second main flow period.

BAKER**PRODUCTION SERVICES**COMPANY SAGAWELL NAME 35/3 - 4FIELD Block 35/3 TEST INTERVAL 3445-3471.5COUNTRY Offshore NorwayBAKER TECHNICIAN Richard Tiessen*Well Fluids
Surface Sample
Report*DATE: 27/5 81PAGE 11 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:		
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:	FLOWING WELLHEAD TEMPERATURE:	FLOWING WELLHEAD PRESSURE:			
FLOWING BHP:	AT DEPTH:	TIME: <u>0042 hrs.</u>	DATE: <u>27/5 81</u>		
TIME SAMPLES WERE TAKEN: <u>0042 hrs.</u>					
TEST DURATION: START	<u>0740 hrs. 26/5 81</u>	FINISH:	<u>0020 hrs. 27/5 81</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>Condensate</u>			
TIME	<u>0042 hrs.</u>			
PRESSURE				
TEMP.				
CONTAINER VOLUME	<u>50 gal</u>			
CONTAINER NUMBER	<u>2 y</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>

REMARKSSample was taken from oil line ^{on} separator following second main flow period.

BAKER

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 27/5 81PAGE 12 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>Haliburton R.T.T.S.</u>		SIZE: <u>9 5/8"</u>	DEPTH: <u>3410 m.</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 metres</u>		
INITIAL STATIC BHP:		AT DEPTH:		DATE:	
LAST STATIC BHP:		AT DEPTH:		DATE:	

SAMPLING CONDITIONS

CHOKE SIZE: <u>-</u>	FLOWING WELLHEAD TEMPERATURE:		FLOWING WELLHEAD PRESSURE:		
FLOWING BHP:	AT DEPTH:	TIME: <u>0055 hrs.</u>	DATE: <u>27/5 81</u>		
TIME SAMPLES WERE TAKEN: <u>0051 hrs.</u>					
TEST DURATION: START <u>0740 hrs. 26/5 81</u>	FINISH: <u>0020hrs. 27/5 81</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>Condensate</u>					
TIME	<u>0055 hrs.</u>				
PRESSURE	_____				
TEMP.	_____				
CONTAINER VOLUME	<u>50 gal</u>				
CONTAINER NUMBER	<u>3 y</u>				
SHIPPING PRESSURE:	_____				

DISPOSITION OF SAMPLE

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

REMARKS

Sample taken from oil line on separator following second main flow perio



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: 27/5 81

PAGE 13 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>53.5 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>-</u>	FLOWING WELLHEAD TEMPERATURE:	FLOWING WELLHEAD PRESSURE:	
FLOWING BHP:	AT DEPTH:	TIME: <u>0025 hrs.</u>	DATE: <u>27/5.81</u>
TIME SAMPLES WERE TAKEN: <u>0025 hrs.</u>			
TEST DURATION: START <u>0740 hrs.</u> FINISH: <u>0020 hrs. 27/5 81</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 and condensate			
TIME	<u>0025 hrs.</u>		
PRESSURE			
TEMP.			
CONTAINER VOLUME	<u>10 litre</u>		
CONTAINER NUMBER	<u>4 Y</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 taken from water production line on separator following second main flow period.