

BP NORVEGE FORUS  
RECORD  
AND  
ADCL. NOCS 1/3-3 W44.3  
HOLIS ID: 01012319-1



ELF AQUITAINE NORGE A/S

WATER SAMPLES

Well: 1/3-3

WELL  
FILE

# LABORATORY

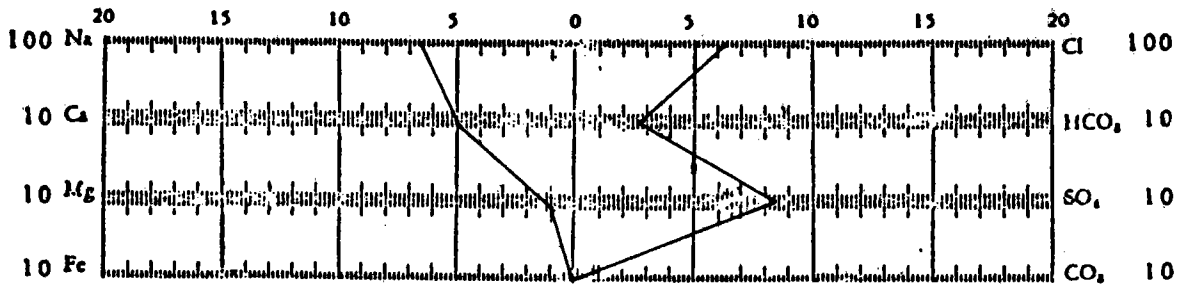
## FORMATION WATER ANALYSIS

Company Elf Aquitaine Norge A/S Date 01.12.82 Sample no. RFT 1 bis  
 Well 1/3-3 Field \_\_\_\_\_ State \_\_\_\_\_  
 Sampled from 1 gal.chamber, Depth: 4212 m  
 Date sampled \_\_\_\_\_ Date analyzed 30.11.82 Analyst T.S

Total Dissolved Solids 45.050 mg/L \_\_\_\_\_ Specific Gravity 1.035 @ 68 °F  
 Resistivity 0.184 ohm-meters @ 68 °F ph 7.25 @ 68 °F

*Constituents	mg/L	meq/L	Constituents	mg/L	meq/L
Sodium	15.030	654	Chloride	22.300	629
Calcium	1.020	51	Bicarbonate	1.670	27
Magnesium	120	10	Sulfate	4.000	83
Strontium	25	1	Carbonate	0	
Barium	n.d		Hydroxide	0	
Iron	3		Phosphate	-	
Potassium:	880	23			

REMARKS: n.d. = not detected



# LABORATORY

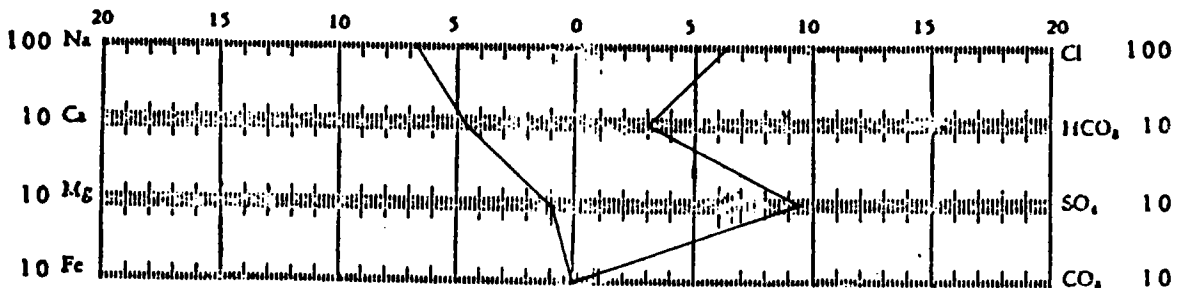
## FORMATION WATER ANALYSIS

Company Elf Aquitaine Norge A/S Date 01.12.1982 Sample no. RFT 3 ~~Was~~  
 Well 1/3-3 Field \_\_\_\_\_ State \_\_\_\_\_  
 Sampled from 1 gal-chamber, Depth: 4214 m  
 Date sampled \_\_\_\_\_ Date analyzed 30/11-82 Analyst TS

Total Dissolved Solids 46.100 mg/L  
 Specific Gravity 1.036 (a 68 °F)  
 Resistivity 0.185 ohm-meters (a 68 °F)  
 pH 7.30 (a 68 °F)

*Constituents	mg/L	meq/L	Constituents	mg/L	meq/L
Sodium	15.500	674	Chloride	22.300	629
Calcium	940	47	Bicarbonate	1.820	30
Magnesium	115	9	Sulfate	4.500	94
Strontium	20		Carbonate	0	
Barium	n.d		Hydroxide	0	
Iron	3.		Phosphate	-	
Potassium	900	23			

REMARKS: n.d. = not detected



# LABORATORY

## FORMATION WATER ANALYSIS

Company Elf Aquitaine Norge A/S Date 01.12.1982 Sample no. RFT.2 16  
 Well 1/3-3 Field \_\_\_\_\_ State \_\_\_\_\_  
 Sampled from 1 gal. chamber Depth: 4244 m  
 Date sampled \_\_\_\_\_ Date analyzed 30/11-82 Analyst TS

Total Dissolved Solids 34.450 mg/L  
 Specific Gravity 1.027 @ 68 °F  
 Resistivity 0.237 ohm-meters @ 68 °F  
 pH 7.71 @ 68 °F

*Constituents	mg/L	meq/L	Constituents	mg/L	meq/L
Sodium	12.100	526	Chloride	15.250	430
Calcium	160	8	Bicarbonate	1.800	30
Magnesium	6.5		Sulfate	4.420	92
Strontium	2		Carbonate	0	
Barium	n.d		Hydroxide	0	
Iron	2.		Phosphate	-	
Potassium:	715	18			

REMARKS: n.d. = not detected

