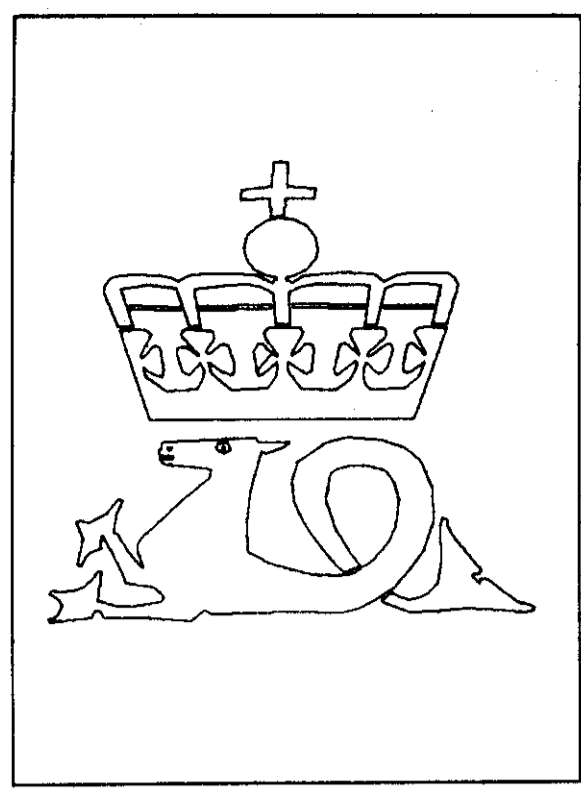


WELL NO: 31/5-3
 OPERATOR: SAGA PETROLEUM A.S.
 LICENSE NO: 085

TOTAL DEPTH: 2253 M RKB
 KBE: 26 M
 WATER DEPTH: 326 M

COORDINATES: 60°44'37.17"N/03°26'20.44"E
 DATUM: ED50
 SPUD CLASSIF.: APPRAISAL
 COMPL. CLASSIF.: P&A. OIL/GAS DISC.

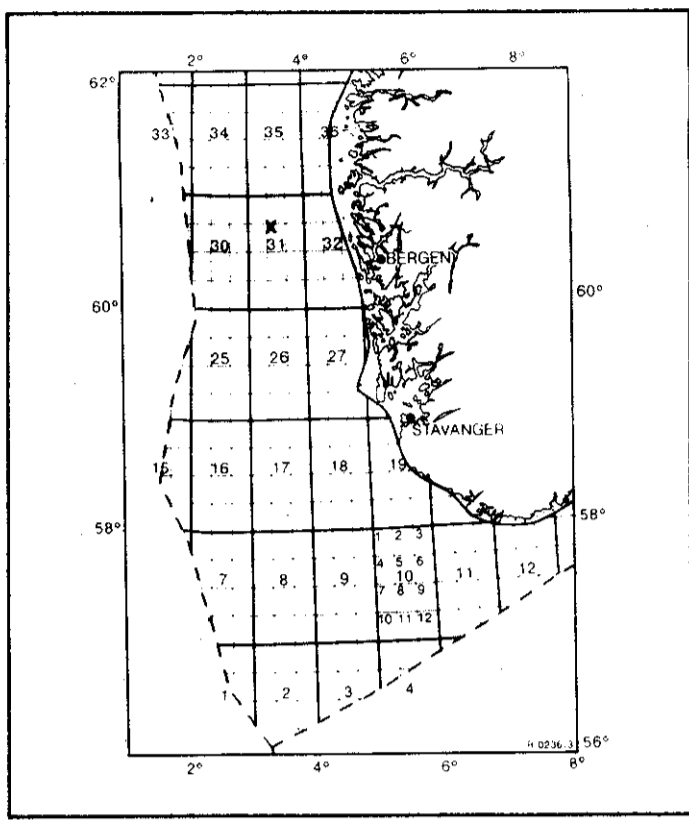


OLJEDIREKTORATET

SPUD DATE: 84.04.10
 COMPL. DATE: 84.06.09
 RIG: TREASURE SAGA

LICENSE GROUP:
 NORSK HYDRO PRODUKSJON A.S 9.000 %
 SAGA PETROLEUM A.S. 6.000 %
 DEN NORSKE STATS OLJESELSKAP A.S 85.000 %

LOCATION MAP



COMPLETION LOG

scale 1: 4000

SYSTEM	SERIES	STAGE	GROUP	FORMATION	DEPTH M RKB	GAMMA RAY / CALIPER	RESISTIVITY	ACOUSTIC	CORES / CORE LOG TESTS	GENERALIZED LITHOLOGY	DESCRIPTION
					0 200 400 600 800 1000 1200 1400 1600 1800 2000 2200	IN 40 GAPI 100	0.2 OHMM 200	240 US/F 140			
QUATERNARY	PLEISTOCENE	HORDLAND			007						Alt S and CL: S: ol, f-v ore, ebrnd-ang. CL: m gu, eft, oca atky, calo.
					009	CALIPER				Tr LS: wh-gel brn, frahd, Tr Rock & Shell frag, Pur, Forams. CL: dk gn gu, s, eft, glo. S: ol, vf-ore, pred f-m, ebang-brnd.	
TERTIARY	PLIOCENE	HORDLAND			008	GAMMA RAY					CL: m gu-brn gu, atly, eft atky, et calo. Tr S: ol, vf-m, ebang. Tr MRL: wh, eft-fm. Tr LS: wh-brn, wh, hd. Also tr: glo, Forams, Shell frag.
					001					CL: m gu-brn gu, eft, atly, oca atky, et calo, glo. Tr S: wh-ore, hd, etc. ebrnd, prly art. Tr DDL: wh-brn, hd, pur.	
TERTIARY	EOCENE	HORDLAND			021						CL: lt gu-brn gu, eft, atly, glo, et calo, pur.
					1400					CL: m-lt gn gu, oca brn gu, eft, atly, et non calo. Tr SLST: brn-gu brn, et-non calo, eft. Strke LS: wh, brn, frm, hd glo, pur.	
TERTIARY	EOCENE	ROGALAND		BALDER	1400						CLST: alt with SLST: CLST: varicol, gn, gu, oca, ebrnd. S: oca, blk, oca, ebrnd. SLST: lt gu, eft, glo, loc, suff. CLST: gu-brn-gu, eft, non- et calo.
					1600					CLST: m-dk gu, oca gn gu, eft-fm, non- et calo. Strke SLST: gn, lt gu, frm et calo. Tr LS: wh, brn, hd.	
TERTIARY	EOCENE	ROGALAND		SELE	1800						SST: lt gu-gu, s, ebang, frl-lee, mtd, toot, Shove. SST: lt gu, vf-f, ebang-brnd, v hd, oca, etc, mtd, shell/frag. SST: arg, lt gu, m-ore, ebang-brnd, lse, mtd, et. SST: brn-gu, vf-f, calc, ebang-brnd, lse, mod art, SLST: m-dk gu, frm, v arg, calo.
					2000					Minor SST: m gu, vf-f, v arg, et lty, ebang, v calo. LS/MRL: wh-gel, v hd, xln. SST: cl, vf-f, frl, v mtd, v calo. SLST: gu-dk gu, eft, mtd, are, v calo. LS/MRL: wh-gel brn, frahd, xln.	
TERTIARY	EOCENE	ROGALAND		LISTA	2000						SST: cl, wh, f-m, ebang-brnd, frl-lee, v mtd, mod art, v calo. SLST: dk gu-brn, frm, blk, calo. Minor S: cl, f-v ore, ebang-brnd, frl, prly art, calo. CLST: blk-dk gu, frm-hd.
					2200					SST: cl, wh, f-m, mod art, ang-ebang, frl-lee, v mtd. COAL: blk, hd, brll. CLST: gu-brn gu, eft, mtd, calo.	
TERTIARY	EOCENE	ROGALAND		LISTA	2200	GAMMA RAY					SST: cl, wh, vf-f, ebang-brnd, frl-lee, v mtd, et calo. Inhd CLST: dk gu-brn, frm-hd, blk, oca, atly, et calo.