Enclosure 1

BP NORWAY LIMITED U.A.

WISARD
COMPOSITE

6407/8-2

SCALE 1:500 MEASURED DEPTH

6407/8-2

BLOCK MAP

WELL LOCATION

CO-ORDINATES AT SURFACE
Latitude: 64 17 00.690N
Longitude: 07 31 25.330E
Grid Reference: 428524.95mE
7129615.04mN
VERTICAL WELL
Projection mnemonic: NUTM32
Geodetic Datum: ED50

GENERAL WELL DATA

WELL CLASSIFICATION: EXPLORATION WELL
COMPLETION WELL STATUS: ABANDONED OIL & GAS

OPERATOR: BP NORWAY LIMITED U.A.
RIG USED: DYVI STENA
RIG TYPE: SEMI-SUBMERSIBLE (ANCHORED)
DEPTH DATUM: RT DATUM HEIGHT: 25.0 mAMSL
WATER DEPTH: 318.0 m
DATE SPUDDED: 19-OCT-1994 REACHED TD: 11-NOV-1994
RIG RELEASED: 26-NOV-1994
TOTAL DEPTH: 1950.0 mBRT (WIRELINE)
1925.0 mTVDSS
1950.0 mBRT (DRILLER)
1925.0 mTVDSS
LICENCE: PL158
INTERESTS: STATOIL (DEN NORSKE STATS OLJESELSKAP A/S)
BP NORWAY LIMITED U.A.
TOTAL NORGE A/S

DRILLING CONTRACTOR: STENA OFFSHORE

LITHOSTRATIGRAPHY	THICKNESS (m) A.V.T.	TOPS (m)	TOPS (m) TVDSS	THICKNESS (m) A.V.T.	CHRONOSTRATIGRAPHY
NORDLAND GROUP	466.00	343.00	318.00		
NAUST FORMATION	403.00	343.00	318.00		
KAI FORMATION	63.00	746.00	721.00		
HORDALAND GROUP	565.00	809.00	784.00		
BRYGGE FORMATION	565.00	809.00	784.00		
ROGALAND GROUP	213.00	1374.00	1349.00		
TARE FORMATION	64.00	1374.00	1349.00		
TANG FORMATION	149.00	1438.00	1413.00		
		1550.00	1525.00	35.00	CENOZOIC
		1550.00	1525.00	35.00	TERTIARY
		1550.00	1525.00	35.00	PALEOGENE
		1550.00	1525.00	35.00	PALEOCENE
		1550.00	1525.00	35.00	LATE PALEOCENE
		1585.00	1560.00	140.00	MESOZOIC
		1585.00	1560.00	140.00	CRETACEOUS
		1585.00	1560.00	125.00	LATE CRETACEOUS
		1585.00	1560.00	125.00	SENONIAN
		1585.00	1560.00	95.00	CAMPANIAN
		1585.00	1560.00	95.00	EARLY CAMPANIAN
SHETLAND GROUP	123.00	1587.00	1562.00		
SPRINGAR FORMATION	123.00	1587.00	1562.00		
		1680.00	1655.00	30.00	SANTONIAN
VIKING GROUP	18.00	1710.00	1685.00	15.00	EARLY CRETACEOUS
SPEKK FORMATION	18.00	1710.00	1685.00	15.00	RYAZANIAN
		1725.00	1700.00	3.00	PORTLANDIAN
BAAT GROUP	119.00	1728.00	1703.00	222.00	MESOZOIC
AARE FORMATION	119.00	1728.00	1703.00	119.00	JURASSIC
		1728.00	1703.00	119.00	EARLY JURASSIC
		1728.00	1703.00	12.00	PLIENSBACHIAN
		1728.00	1703.00	12.00	EARLY PLIENSBACHIAN
		1740.00	1715.00	107.00	SINEMURIAN - PLIENSBACHIAN
GREY/RED FORMATION	103.00	1847.00	1822.00	103.00	TRIASSIC - JURASSIC
		1847.00	1822.00	103.00	LATE TRIASSIC - EARLY JURASSIC
		1847.00	1822.00	103.00	RHAETIAN - HETTANGIAN

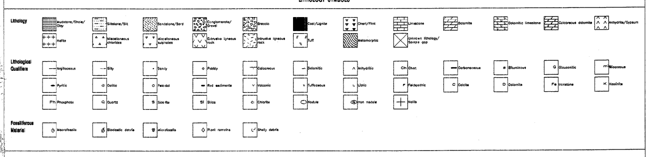
CONVENTIONAL CORE DATA

CORE NUMBER	TOP DEPTH (m)	BOTTOM DEPTH (m)		STRATIGRAPHIC INTERVAL	LITHOLOGICAL DESCRIPTION
	1736.00	1744.80		BAAT GROUP	
	1744.80	1764.00		BAAT GROUP	
	1764.00	1773.00		BAAT GROUP	

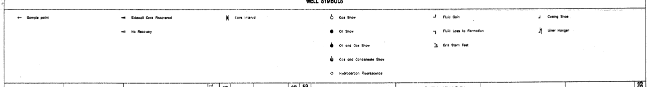
WIRELINE FORMATION TESTS

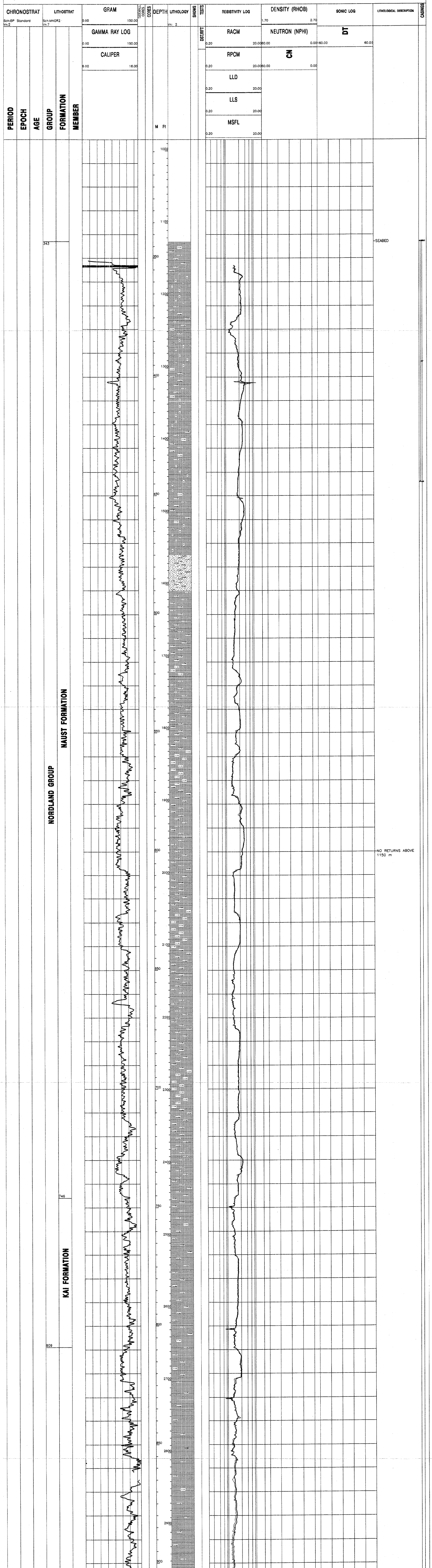
TYPE	TEST No.	TOP DEPTH (m)	FORMATION PRESSURE (psia)	PERM	RES	SAMPLE	COMMENTS ON A TEST
RFT	45						
RFT	40	1733.50					Seal failure
RFT	37	1733.50	2514.20				
RFT	41	1733.60					Seal failure
RFT	24	1734.00	2514.50				
RFT	39	1734.00	2513.20				Run 2C
RFT	42	1734.40					Seal failure
RFT	35	1734.50	2513.30				
RFT	44	1734.50	2515.60				Pressure not stable
RFT	25	1735.00	2515.30				
RFT	1	1735.10	2515.20				
RFT	43	1735.40	2516.40				Pressure not stable
RFT	36	1735.50	2514.70				
RFT	26	1736.00	2515.00				
RFT	27	1737.00	2515.90				
RFT	2	1737.00	2515.80				
RFT	28	1738.00	2517.00				
RFT	3	1738.80	2517.30				
RFT	29	1739.10					Tight
RFT	4	1741.00	2519.80				
RFT	30	1741.00	2519.50				
RFT	31	1742.00	2520.40				
RFT	5	1742.50	2520.80				
RFT	32	1743.00	2521.40				
RFT	33	1744.00	2523.00				
RFT	7	1744.30	2522.30				Sampling point
RFT	6	1744.50	2524.50				
RFT	34	1744.50	2524.40				
RFT	8	1753.00					Tight
RFT	9	1756.00	2539.50				
RFT	10	1759.00	2543.70				
RFT	11	1762.00	2548.20				
RFT	12	1768.00	2556.40				
RFT	38	1772.00	2564.40				Run 2B
RFT	13	1772.00	2562.20				
RFT	14	1778.50	2572.20				
RFT	16	1787.00	2583.60				
RFT	15	1788.00					Seal failure
RFT	17	1815.00	2623.80				
RFT	18	1823.00	2635.40				
RFT	19	1855.00	2682.00				
RFT	20	1865.00	2696.50				
RFT	22	1881.50					Seal failure
RFT	21	1882.00					Seal failure
RFT	23	1904.00	2752.50				

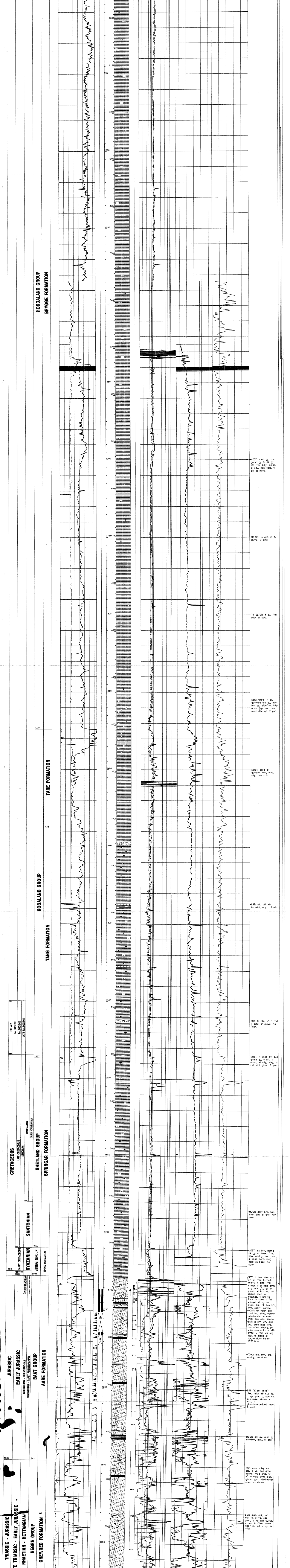
LITHOLOGY SYMBOLS


Lithology
Mudstone/Shale/Clay
Siltstone/Silt
Sandstone/Sand
Conglomerate/Gravel
Breccia
Coal/Lignite
Chert/Flint
Limestone
Dolomite
Dolomitic limestone
Calcareous dolomite
Anhydrite/Gypsum
Halite
Miscellaneous chlorides
Miscellaneous sulphates
Extrusive igneous rock
Intrusive igneous rock
Tuff
Metamorphic
Unknown lithology/Sample gap
Lithological Qualifiers
Argillaceous
Silty
Sandy
Pebbly
Calcareous
Dolomitic
Anhydritic
Chert
Carbonaceous
Bituminous
Glauconitic
Micaceous
Pyritic
Oolitic
Peloidal
Red sediments
Volcanic
Tuffaceous
Lithic
Feldspathic
Calcite
Dolomite
Ironstone
Kaolinite
Phosphate
Quartz
Siderite
Silica
Chlorite
Nodule
Iron nodule
Halite
Fossiliferous Material
Macrofossils
Bioclastic debris
Microfossils
Plant remains
Shelly debris

WELL SYMBOLS


Sample point
Sidewall Core Recovered
No Recovery
Core Interval
Gas Show
Oil Show
Oil and Gas Show
Gas and Condensate Show
Hydrocarbon Fluorescence
Fluid Gain
Fluid Loss to Formation
Drill Stem Test
Casing Shoe
Liner Hanger





-MDST: med gy, occ grnsh gy & dk gy, sft-frm, blky, amor, sl slty, non calc, tr pyr & mica.

-TR SD: ls qtz, vf-f, sbrnd, w srtd.

-TR SLTST: lt gy, frm, blky, sl calc.

-MDST/TUFF: lt blu gy-med blu gy, occ brn gy, sft-frm, blky, amor i/p, non calc, mod slty, gd tr pyr.

-MDST: pred dk gy-brn, frm, blky, slty, non calc.

-LST: wh, off wh, frm-hd, ang, micrxln.

-SST: ls qtz, vf-f, rnd, w srtd, tr glauc, No fluor.

-MDST: lt-med gy, occ grnsh gy, v sft, v amor, sl slty, stky, tr Lst, dol, glauc & pyr.

-MDST: dsky brn, frm, blky, brtl, sl slty, non calc.

-MDST: dk brn, bcmg dk gy at base, frm, blky, earthy, non calc, sl-mod carb, incg carb at base, no fluor.

-SST: lt brn, clss qtz, sft-sl frm, f-med, md-v w srtd, frbl, crmbl, v sl calc cmtd, arg mtx i/p, gd tr glauc, sl tr coal, no shows seen in cuttings, v brt yel fluor in core, v fst wh-yel strmg cut.
-COAL: blk, dk brn i/p, frm, spltry, earthy.
-MDST: dk yelsh brn, mod hd, shny, earthy, interbedded w mm thick brn coal seams
-SST: lt brn-wh, clss qtz, pred med-crs, occ vf-c, sbang, pr srtd, non calc, sl silic cmtd, v frbl, wh arg mtx, tr glauc & pyr,no fluor below 1750.8 m

-COAL: blk, frm, brtl, earthy, no fluor

-SST (1755-1818): clss, mlky wh qtz, ls, trnsp, pred c, occ vc, occ med, sbrnd, w srtd, tr glauc,interbedded mdst & coal

-MDST: olv gy, med gy, sft-frm, blky, sl slty.

-SST: clss, mlky wh qtz, c-vc, occ gran, sbang, mod srtd, tr vf, w calc cmtd SST, glauc, pyr, Interbedded coal, no shows.

-SST: clss, mlky wh qtz, ls, c-vc, occ gran, tr rd brn SLTST, v rear tr COAL below 1857 m, gd tr pyr & mica.

SIDEWALL CORE DESCRIPTIONS

LOGGING RUN No.	CORE No.	DEPTH (m)	RECOVERY	LITHOLOGICAL DESCRIPTION
3A	UNK		POOR RECOVERY	
3A	29	1753.00	POOR RECOVERY	
3A	28	1755.00	POOR RECOVERY	
3A	27	1757.80	POOR RECOVERY	
3A	26	1759.80	POOR RECOVERY	
3A	25	1761.50	POOR RECOVERY	
3A	24	1763.00	POOR RECOVERY	
3A	23	1766.00	EMPTY	
3A	22	1767.30	POOR RECOVERY	
3A	20	1774.00	MISFIRE	
3A	21	1774.50	MISFIRE	
3A	19	1779.00	POOR RECOVERY	
3A	18	1781.90	EMPTY	
3A	17	1785.00	POOR RECOVERY	
3A	16	1788.00	MISFIRE	
3A	15	1792.00	MISFIRE	
3A	14	1794.30	POOR RECOVERY	
3A	13	1797.20	POOR RECOVERY	
3A	12	1798.40	POOR RECOVERY	
3A	11	1800.80	POOR RECOVERY	
3A	10	1802.00	MISFIRE	
3A	9	1803.50	EMPTY	
3A	8	1805.00	POOR RECOVERY	
3A	7	1807.80	MISFIRE	
3A	6	1813.10	MISFIRE	
3A	5	1817.60	MISFIRE	
3A	4	1821.00	MISFIRE	
3A	3	1828.00	MISFIRE	
3A	2	1832.00	MISFIRE	
3A	1	1834.00	POOR RECOVERY	

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DATE: 7-FEB-1995 08:59