

Well no : 7120/12-04

Operator : HYDRO

Coordinates	: 71 03 01.13 N 20 42 32.16 E	UTM coord.	: 7883245 N
		UTM zone 34	: 489450 E
Licence no	: 061	Permit no	: 404
Rig	: TREASURE SCOUT	Rig type	: SEMI-SUB.
Contractor	: WILHELMSSEN OFFSHORE SERVICES		
Bottom hole temperature	: 46 deg.C	Elev. KB	: 23 M
Spud date	: 84.02.18	Water depth	: 155 M
Compl. date	: 84.04.16	Total depth	: 2199 M
Spud class.	: WILDCAT	Age at TD	: PERMIAN
Compl. class.	: P&A. DRY HOLE		
Seis. loc.	: NH 8003-412 SP.448 & NH 8003-204 SP.1477		

## LICENSEES

-----

10.000	AMOCO NORWAY OIL COMPANY
25.000	CONOCO NORWAY INC.
15.000	NORSK HYDRO PRODUKSJON A.S
50.000	DEN NORSKE STATS OLJESELSKAP A.S

## CASING AND LEAK-OFF TESTS

Type	Casing diam.	Depth below KB	Hole diam.	Hole depth below KB	Lot mud eqv. g/cm <sup>3</sup>
CONDUCTOR	30	237.0	36	237.0	
SURF.COND.	20	653.0	26	666.0	2.40
INTERM.	13 3/8	1185.0	17 1/2	1199.0	2.43
OPEN HOLE			12 1/4	2199.0	

## CONVENTIONAL CORES

Core no.	Intervals cored meters	Recovery		Series
		M	%	
1	1514.0 - 1532.0	18.0	100.0	UPPER PERMIAN
2	1654.0 - 1662.0	7.0	87.5	UPPER PERMIAN
3	2182.0 - 2199.0	17.0	100.0	PERMIAN

## MUD PROPERTIES

Depth below KB meter	Mud weigh g/cm <sup>3</sup>	Funnel viscosity s/qt	Mud type
450.0	1.09	59.0	WATER BASED
600.0	1.12	57.0	WATER BASED
800.0	1.16	49.0	WATER BASED
1205.0	1.27	44.0	WATER BASED
1775.0	1.20	46.0	WATER BASED

## DRILL STEM TEST

NO DST'S WERE PERFORMED IN THIS WELL

## DRILL BIT CUTTINGS AND WET SAMPLES

SAMPLE TYPE	INTERVAL BELOW KB	NUMBER OF SAMPLES
CUTTINGS	240 - 2197	640
WET SAMPLES	240 - 2198	782

## SHALLOW GAS

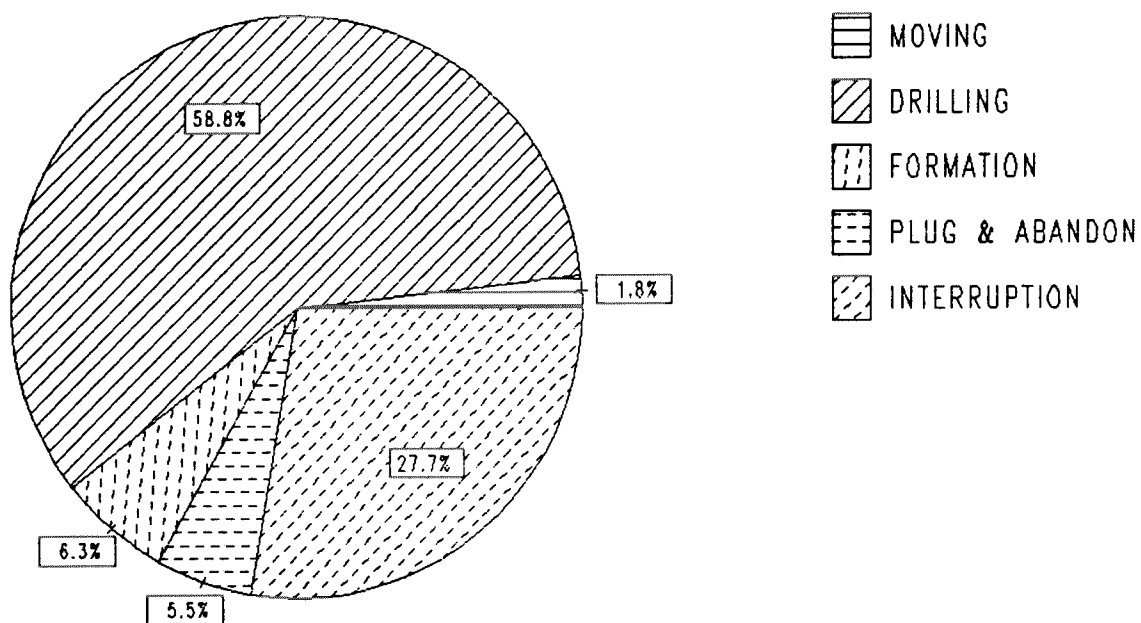
INTERVAL BELOW KB	REMARKS
	NONE

## AVAILABLE LOGS

LOG TYPE	INTERVAL	1/200	1/500
ISF LSS GR SP	150 - 658	X	X
ISF LSS SP	652 - 1197	X	X
ISF LSS	1185 - 2201	X	X
LDL CNL	237 - 665	X	X
LDL CNL	652 - 1199	X	X
LDL CNL NGS	1185 - 2201	X	X
SHDT	653 - 1192	X	X
SHDT GR	652 - 1198	X	
SHDT GR	1185 - 2201	X	
NGL RATIOS PLAYBACK	652 - 1199	X	X
NGS	1185 - 2201	X	X
CBL VDL CCL	438 - 1178	X	
DRILLING DATA PRESSURE LOG	237 - 2199	1:5000	
PRESSURE EVALUATION LOG	237 - 2199	1:5000	
TEMPERATURE DATA LOG	237 - 2199	1:5000	
DXC NXB	237 - 2199	1:5000	
MUD	237 - 2199		X
VELOCITY	239 - 2189	1:1000	X
(+ Airgun Well Velocity Survey and Calibr. Log Data. 1 stk)			
(+ Two Way Travel Time Log, 10 cm/s, 3.75 in/s. 2 stk)			
(+ Synthetic Seismogram, 10 cm/s, 2 stk)			
(+ Synthetic Seismogram Marine, 10 cm/s. 1 stk)			
(+ V.S.P., 10 cm/s, 7 stk)			

## DAILY DRILLING REPORT SYSTEM

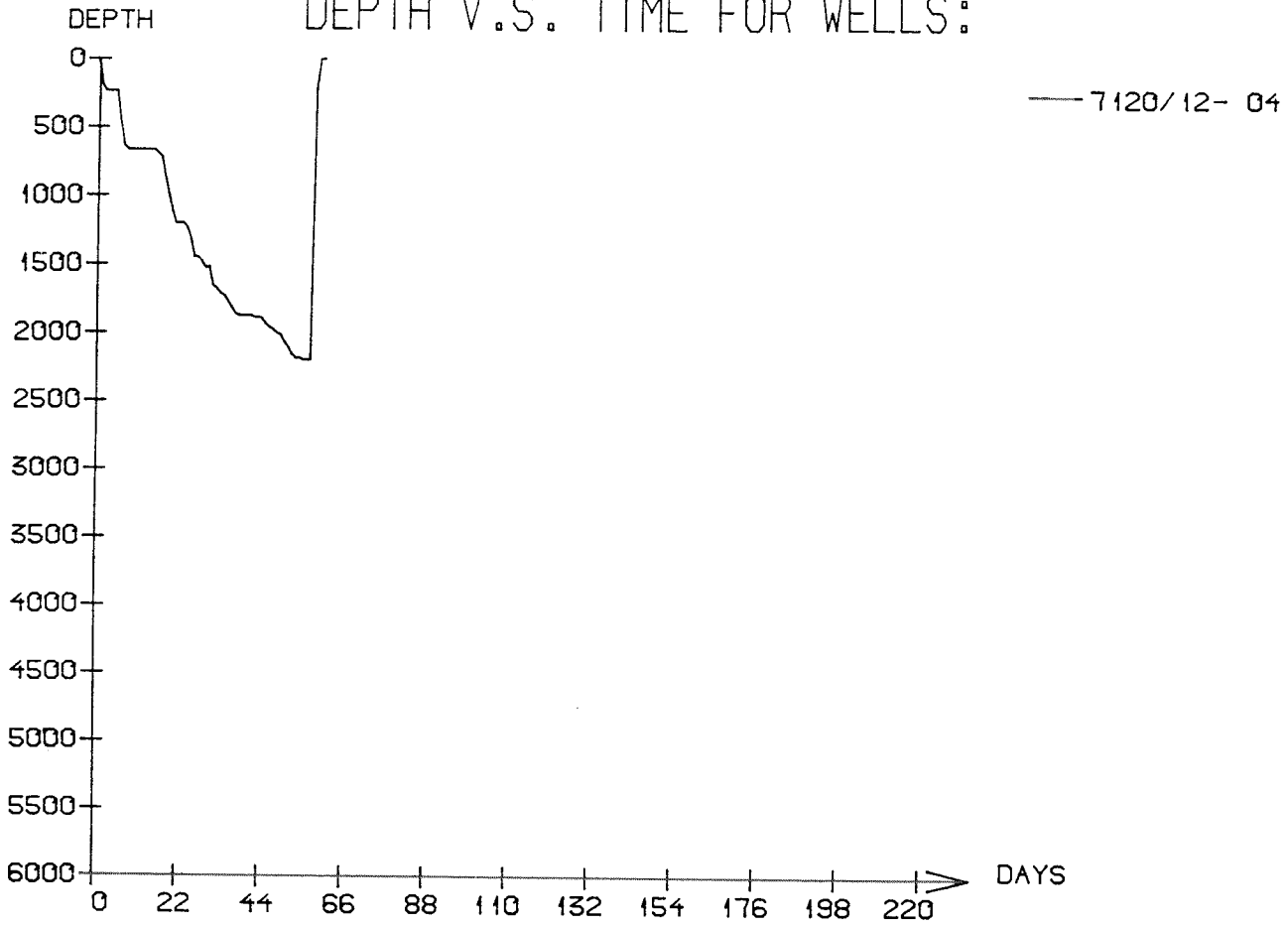
Main operation : 7120/12-04



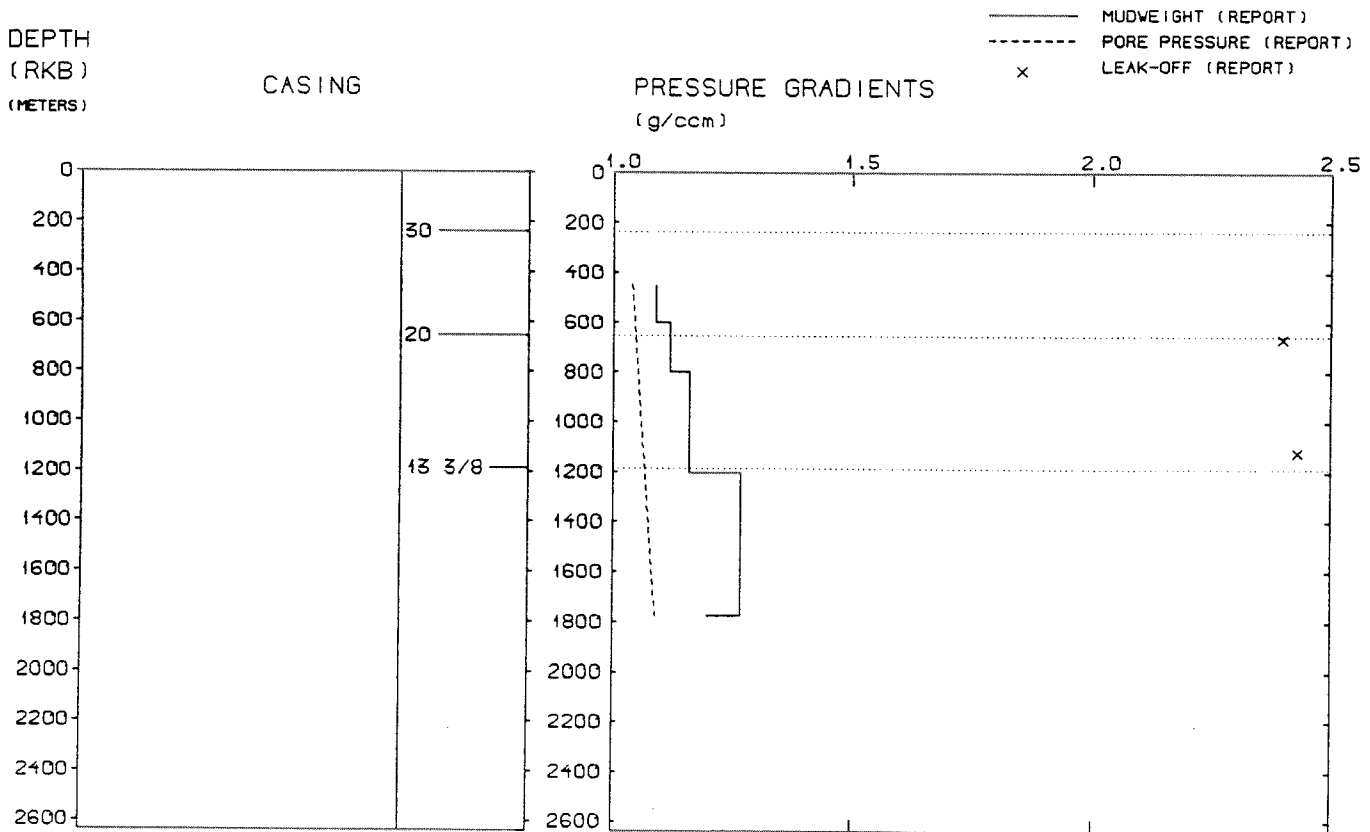
Total : 1480,50 HRS

Main operation	Hours	% of total
MOVING	26,50	1,79
DRILLING	869,00	58,70
FORMATION	93,50	6,32
PLUG & ABANDON	81,50	5,50
INTERRUPTION	410,00	27,69

DEPTH V.S. TIME FOR WELLS:



WELL: 712012 04 PRESSURE COMPOSITE PLOT



## WELL HISTORY - 7120/12-4

### GENERAL:

The primary objective of the wildcat 7120/12-4 was to test a sandstone reservoir of Upper Permian age. No hydrocarbon reservoirs were encountered in the well. The well penetrated an interval of Quaternary to Tertiary sediments which directly overlay rocks of Triassic age at 435 m. Upper Permian sediments were overlain by sediments of Lower Triassic age at 1366 m.

### OPERATIONS:

The well was spudded 18.02.84 by the semi-submersible rig Treasure Scout. Three cores were cut in the well, two in the Upper Permian sequence and one at TD.

Some tight spots were experienced in the 17 1/2" hole section. At 1874 m technical problems concerning a leakage in the BOP's acoustic system occurred.

The well was drilled using water based mud.

### TESTING:

No DST's or RFT's were run in the well.

# GEOLOGICAL TOPS

WELL: 7120/12-04

*Depth m (RKB)*

<i>Nordland Group</i>	<i>175.000</i>
<i>Ingøydjup Group</i>	<i>435.000</i>
<i>Snadd Fm</i>	<i>435.000</i>
<i>Kobbe Fm</i>	<i>611.000</i>
<i>Klappmyss Fm</i>	<i>750.000</i>
<i>Havert Fm</i>	<i>992.000</i>
<i>Permian</i>	<i>1366.000</i>
<i>TD =</i>	<i>2199.000</i>