

Baroid

OPERATING AREA Statoil 34/10-6

MATERIALS USED PER CASING INTERVAL

30" CASING INTERVAL

MATERIALS	UNITS	ESTIMATED		ACTUAL	
		QUANTITY	COST	QUANTITY	COST
BARYTE	MT			10	1,081.50
AQUAGEL	50 kg	225	2,182.50	188	1,823.60
CAUSTIC SODA	25 kg	10	140.00	24	266.88
HPD POLYMER	25 kg			12	609.72
SODA ASH	50 kg	10	111.20	6	84.00
TOTAL COST			2,433.70		3,865.70
COST PER DAY			2,433.70		1,288.57
COST PER METER			37.44		12.55
COST PER BARREL			3.24		2.46

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MATERIALS USED PER CASING INTERVAL

20" CASING INTERVAL

MATERIALS	UNITS	ESTIMATED		ACTUAL	
		QUANTITY	COST	QUANTITY	COST
BARYTE	MT	11.5	1,243.73	31	3,352.65
AQUAGEL	50 kg	660	6,402.00	209	2,027.30
BENTONITE	MT			33	5,841.00
CAUSTIC SODA	25 kg	22	244.64	65	722.80
HPD POLYMER	25 kg			169	8,586.89
SODA ASH	50 kg	11	154.00	27	378.00
SLIME	40 kg	22	73.48		
TOTAL COST			8,117.85		20,908.64
COST PER DAY			2,705.95		3,484.77
COST PER METER			23.88		61.50
COST PER BARREL			2.95		4.70

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MATERIALS USED PER CASING INTERVAL

13 3/8" CASING INTERVAL

MATERIALS	UNITS	ESTIMATED		ACTUAL	
		QUANTITY	COST	QUANTITY	COST
EMULSIFIER	MT	474	51,263.10	364	39,366.60
AQUAGEL	50 kg	525	5,092.50	288	2,793.60
CAUSTIC SODA	25 kg	57	633.84	54	600.48
HPD POLYMER	25 kg	57	2,896.17	61	3,060.98
SODA ASH	50 kg	53	742.00		
Q-BROXIN	25 kg	210	2,494.80	83	986.04
CON DET	54 gal	76	22,070.40	18	5,227.20
SOD. BICARB.	50 kg			20	262.40
LIME	25 kg			71	237.14
ALUM. STEAR.	25 kg			3	124.02
CMC LOVIS	25 kg			66	2,774.64
TOTAL COST			85,192.81		55,433.10
COST PER DAY			14,198.80		5,543.31
COST PER METER			94.65		61.00
COST PER BARREL			16.23		24.64

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MATERIALS USED PER CASING INTERVAL

9 5/8" CASING INTERVAL

MATERIALS	UNITS	ESTIMATED		ACTUAL	
		QUANTITY	COST	QUANTITY	COST
BARYTE	MT	80	8,652.00	408	44,125.50
AQUAGEL	50 kg	265	2,570.50	120	1,164.00
CAUSTIC SODA	25 kg	26	289.12	18	200.16
HPD POLYMER	25 kg	41	2,083.21	50	2,540.50
Q-BROXIN	25 kg	153	1,817.64	78	926.64
EMC LOVIS	25 kg	41	1,723.64	33	1,387.32
SOD. BICARB.	50 kg			131	1,718.72
WALLNUT F	25 kg			70	848.40
WALLNUT C	25 kg			26	315.12
DEXTRID	50 lb			64	2,690.56
TOTAL COST			17,136.11		55,916.62
COST PER DAY			8,568.06		3,727.75
COST PER METER			68.54		228.23
COST PER BARREL			6.47		79.88

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MATERIALS USED PER CASING INTERVAL

9 1/2" HOLE (NO CASING)

MATERIALS	UNITS	ESTIMATED		ACTUAL	
		QUANTITY	COST	QUANTITY	COST
BARYTE	MT			507	54,832.05
CAUSTIC SODA	25 kg			23	255.76
HPD POLYMER	25 kg			42	2,134.02
SOD. BICARB.	50 kg			38	498.56
Q-BROXIN	25 kg			104	1,235.52
WALLNUT C	25 kg			53	642.36
WALLNUT F	25 kg			303	3,672.36
MICA F	25 kg			171	2,368.35
MICA C	25 kg			23	318.55
DEXTRID	50 lb			116	4,876.64
TOTAL COST					70,834.17
COST PER DAY					2,213.57
COST PER METER					126.26
COST PER BARREL					46.91

RFT SUMMARY

Date: 30.12.79

Run: 1

Objective: Check of pore pressure.

3 pressure-measurements from the same level were taken in the bottom part of the Cretaceous.

8 pressure-measurements from 8 levels were taken in the Brent formation.

Test no.	Depth (m RKB)	Pressure (psi)		
		Hydrostatic		Formation
		Before	After	
1	1994.5	5067	5069	4708
2	1994.5	5074	5069	4707
3	2078.8	5285	5282	4739
4	2082.0	5289	5289	4743
5	2091.8	5316	5308	4757
6	2095.0	5316	5316	4766
7	2102.2	5333	5329	4782
8	2107.1	5345	5345	4785
9	2111.0	5353	5355	4793
10	2118.5	5364	5367	4844
11	1994.0	5069	5069	4714

Formation pressures are corrected for temperature.

Gradient, Brent: .45 psi/ft