

RFT RESULTS – PRESSURES					WELL: 30/9–8	
All pressures from HP gauge.						
Run no/ Test no	Depth m RKB MD	IHP Bar	FP Bar	FHP Bar	Mobility mD/cp	Comment
2A/1	2817.5	337.35	–	337.66		Tight
2A/2	2818.8	337.49	299.81	337.49	1.3	Low perm. *
2A/3	2825.2	338.27	298.13	338.23	54.8	Good perm.
2A/4	2828.0	338.57	298.32	338.54	30.8	Good perm.
2A/5	2833.0	339.18	298.89	339.14	8.6	Moderate perm. S
2A/6	2837.5	339.72	299.16	339.68	11.0	Moderate perm. S
2A/7	2842.2	340.29	299.59	340.27	11.8	Moderate perm. S
2A/8	2846.0	340.73	299.95	340.62	6.1	Moderate perm. S
2A/9	2849.0	341.05	300.25	341.04	8.6	Moderate perm. S**
2A/10	2853.0	341.52	300.40	341.52	11.2	Moderate perm. S
2A/11	2854.1	341.61	300.49	341.67	3.9	Moderate perm. S
2A/12	2859.0	342.27	300.43	342.24	15.3	Good perm.
2A/13	2861.1	342.53	300.62	342.53	14.0	Good perm.
2A/14	2863.0	342.71	300.78	342.73	19.0	Good perm.
2A/15	2877.5	344.58	302.24	344.56	42.8	Good perm.
2A/16	2904.0	347.74	304.70	347.59	16.8	Good perm.
2A/17	2951.2	353.49	311.39	353.43	241.9	Very good perm.
2A/18	2909.4	347.95	305.23	348.28	45.6	Very good perm. *
2A/19	2966.5	355.23	313.00	355.75	100.8	Very good perm.
2A/20	2975.5	356.22	314.02	356.15	28.0	Good perm.
2A/21	2983.5	357.07	314.76	357.10	231.6	Very good perm.
2A/22	2997.6	358.94	316.30	358.89	245.6	Very good perm.
2A/23	3015.0	361.02	318.06	360.85	43.2	Good perm.
2A/24	3061.6	366.72	323.45	366.29	22.0	Moderate perm. *
2A/25	3109.5	372.31	329.75	372.02	283.4	Excellent perm. *
2A/26	3123.0	373.81	331.10	373.58	16.3	Moderate perm. *
2A/27	3128.7	374.32	331.72	374.27	14.5	Moderate perm. *
2A/28	3132.4	374.82	332.54	374.76	7.7	Moderate perm.

S Super charged due to low permeability

* HP not stable

** Strange build up

Run	: 2A	2A	2B	2B
Sampling depth (m)	: 2853	2853	2845.8	2845.8
Chamber vol.(Gal)	: 2 3/4	1	2 3/4	1
Filling time (min)	: 52	32	58	26
Shut in pressure, Bar(strain)/T°C	: 300.7/95.7	301.02/95.8	300.5/96.1	300.45/96.4
Chamber pressure surface, Bar/T:	7/15	7/15	7/15	7/15
Gas volume (SCM)	: 0	0	0	0
Oil volume (litres)	: –	–	–	–
Oil gravity (API)	: –	–	–	–
Water/filtrate (litres)	: 10.1	3.6	9.8	3.5

WELL TEST RESULT

WELL: 30/9-8

TEST No.	Water 1	Oil 2A	Oil 2B
PERFORATED INTERVAL (M MD RKB)	2904.4-2913.4	2837.0-2848.0	2837-2848 + 2825-2834
CHOKE SIZE (mm)	19.05	25.4	12.7
OIL FLOW RATE (Sm ³ /D)	Water 441	Not to surface 59	263
GAS FLOW RATE (Sm ³ /D)	1118	-	28184
GOR (Sm ³ /Sm ³)	GWR 2.5	-	107
OIL GRAVITY (g/cc)	Water 1.018	0.856	0.867
GAS GRAVITY (air=1)	0.7	-	0.75
FWHP (bar)	8.75	1.2	46.6
SIWHP (bar)	22.24	63.6	-
WHT (deg C)	63.5	14.9	27.0
BHT (deg C)	110.6	103	107
BHFP (bar)	286.2	(217.0)	197.4
BHSIP (bar)	299.8	290.5	292.0
BS&W (%)	0	0	0
CO ₂ (%)	10	1	1.3
H ₂ S (ppm)	< 0.1	0	0
K (mD)	217	4.3	31
S	+ 4	0	+ 3.6
Pi (bar) at mid perf. (m MD RKB)	305.4 2908.9	298.6 2842.5	297.7 2829.5
DEPTH OF BH MEASUREMENTS	2856m MD RKB	2784m MD RKB	2784m MD RKB

TABLE B-11: MUD MATERIAL CONSUMPTION

((((ooo)	M u d c o n s u m p t i o n	Date
Norsk Hydro	System : BORE Well: 30/9-8 Mud company: NL BAROID	17/1-1990
		13
		Actual used

Drilling of 36 " hole

BARITE	Kg	19000
BENTONITE	Kg	22000
CAUSTIC SODA	Kg	203
SODA ASH	Kg	443

Drilling of 17 1/2" hole

BARITE	Kg	36000
BENTONITE	Kg	24000
CAUSTIC SODA	Kg	837
LIME	Kg	669
SODA ASH	Kg	119

Drilling of 12 1/4" hole

BARASCAV D	Kg	300
BARITE	Kg	354000
BENTONITE	Kg	4000
CAUSTIC SODA	Kg	412
EZ MUD	Kg	1620
KCL	Kg	6127
KOH	Kg	250
PAC-L	Kg	2356
PAC-R	Kg	4484
POLY PLUS	Kg	702
SODA ASH	Kg	1978
XCD POLYMER	Kg	1899
BARACOR 100	l	400
CON DET	l	54
KCL BRINE	l	377000

Drilling of 8 1/2" hole

BARITE	Kg	92400
BENTONITE	Kg	7000
CAUSTIC SODA	Kg	611
DEXTRID	Kg	2740
KCL	Kg	1000
PAC-L	Kg	735
PAC-R	Kg	1742
SODA ASH	Kg	333
XCD POLYMER	Kg	976
BARACOR 100	l	600
BARAFILM	l	800
KCL BRINE	l	49000