SUMMARY OF TESTRESULTS

FROM

BRENT GROUP - 34/10-23

Test No.	:	1
Interval (m KB)	:	4085 - 4095
Choke (mm)	:	22.2
Gas Rate (SM^3/D)	:	1720000
Oil Rate (SM^3/D)	:	150
Water Rate (SM^3/D)	:	15
GOR (SM^3/SM^3)	:	11500
Wellhead Pressure (bar)	:	274
Initial Reservoir Pressure (bar)	:	785.3
Draw-down (bar)	:	41
Temperature (^oC)	:	150

WELL 34/10-23

DATE 1.07.85

RUN NO. 6A

PRETEST RECORDED DATA

TAB 3.1

Max. recorded temp.: 129

Test No.	Depth	Tem	Log hydr. before t.	Corr. hydr. before t.	Draw down	Build up time	Log Pretest pressure	Cor. Pretest pressure	Log hydr. after t.	Cor. hydr. after t.	Remarks
	m	C	bar	bar	bar	sec	bar	bar	bar	bar	
1	4084	129	833,3	832,6	783,4	30	784,7	783,8	833,4	832,7	v.g.perm, sampling
2											
3	4088	129	834,2	833,5	780,0	30	784,9	784,1	834,2	833,5	very good permeability
4											
5											
6											
7											
8											
9											
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20											

34/10-23

DATE 11.09.85-12.09.85

RUN NO. 10H

PRETEST RECORDED DATA

TAB 3.7

Max. recorded temp.: 152

Test No.	Depth	Tem	Log hydr. before t.	Corr. hydr. before t.	Draw down	Build up time	Log Pretest pressure	Cor. Pretest pressure	Log hydr. after t.	Cor. hydr. after t.	Remarks
	m	C	bar	bar	bar	sec	bar	bar	bar	bar	
1	4718,5	150	901,7	901,8	482,9	390	890,9	890,9	903,8	903,9	good permeability
2	4718,0	151	899,7	899,8					899,8	899,9	seal failure
3	4717,5	151	899,4	899,5					899,6	899,7	"
4	4717,0	151	899,7	899,8					899,9	900,0	"
5	4716,5	151	899,1	899,1					899,6	899,7	"
6	4715,7	151	899,5	899,5					899,7	899,7	"
7	4719,2	151	899,3	899,4	37,6	342	891,9	891,9	899,5	899,5	low permeability
8	4718,6	152	899,9	900,0	34,2	80	887,4	887,4	898,9	899,1	sampling
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											

PRETEST RECORDED DATA

TAB 3.6

DATE 08.09.85-09.09.85

RUN NO. 10F

Max. recorded temp.: 163

Test No.	Depth	Tem	Log hydr. before t.	Corr. hydr. before t.	Draw down	Build up time	Log Pretest pressure	Cor. Pretest pressure	Log hydr. after t.	Cor. hydr. after t.	Remarks
	m	C	bar	bar	bar	sec	bar	bar	bar	bar	
1	4718,5	153	901,3	900,3	100,0	210	882,2	881,8	901,7	901,1	good permeability
2	4717,3	161	900,5	901,1	13,8				900,2	900,7	tight
3	4750	163	906,5	907,2	275,4	120	864,3	864,9	906,0	906,6	good permeability
4	4748	163	905,1	905,8	346,9	180	867,0	866,2	905,0	905,6	"
5	4718,5	158	900,8	901,3	209,0	210	881,7	882,0	900,6	901,0	"
6	4716,6	158	900,2	900,6	8,1						tight
7	4719,0	158	901,1	901,6	263,5	270	889,5	889,9	900,7	901,1	not stabilized
8	4719,0	158	900,9	901,3	15,5	420	888,4	888,9	900,3	900,7	"
9	4718,5	158	900,5	900,0	358,4	192	882,1	882,4	900,7	901,0	sampling
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											

DATE 21.08.85

RUN NO. 9E

PRETEST RECORDED DATA

TAB 3.5

Max. recorded temp.: 141

Test No.	Depth	Tem	Log hydr. before t.	Corr. hydr. before t.	Draw down	Build up time	Log Pretest pressure	Cor. Pretest pressure	Log hydr. after t.	Cor. hydr. after t.	Remarks
	m	C	bar	bar	bar	sec	bar	bar	bar	bar	
1	4435	138	867,5	867,1	424,7	348	831,3	830,9	867,3	866,9	low permeability
2	4439	141	868,1	867,7	12,6				867,8	867,6	tight
3	4439,5	141	867,9	867,5	296,4	558	833,1	832,7	868,2	867,8	low permeability
4											
5											
6											
7											
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11											
12											
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16											
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19											
20											

WELL 34/10-23

DATE 20.08.85

RUN NO. 9D

PRETEST RECORDED DATA

TAB 3.4

Max. recorded temp.: 134

Test No.	Depth	Tem	Log hydr. before t.	Corr. hydr. before t.	Draw down	Build up time	Log Pretest pressure	Cor. Pretest pressure	Log hydr. after t.	Cor. hydr. after t.	Remarks
	m	C	bar	bar	bar	sec	bar	bar	bar	bar	
1	4084	126	800,6	799,6	773,1	36	736,4	785,4	800,7	799,7	very good permeability
2	4091	126	802,3	801,2	692,1	36	787,0	786,0	802,1	801,1	"
3	4101,6	127	803,9	803,0	762,5	30	786,9	785,9	803,9	803,0	"
4	4108,5	127	805,3	804,3	703,4	36	787,2	786,2	805,3	804,3	"
5	4117,0	128	806,9	806,0	12,5				806,7	805,8	tight
6	4127,5	134	808,9	808,0	4,6				808,9	807,9	"
7	4084,5	126	800,5	799,2	716,3	18	786,3	785,3	800,2	799,6	very good permeability
8	4140,5	129	811,4	810,5	84,9				811,4	810,5	seal failure
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											

WELL 34/10-23

DATE 09.08.85

RUN NO. 8C

PRETEST RECORDED DATA

TAB 3.3

Max. recorded temp.: 136

Test No.	Depth	Tem	Log hydr. before t.	Corr. hydr. before t.	Draw down	Build up time	Log Pretest pressure	Cor. Pretest pressure	Log hydr. after t.	Cor. hydr. after t.	Remarks
	m	C	bar	bar	bar	sec	bar	bar	bar	bar	
1	4178,5	132	818,0	817,1	766,5	18	794,8	794,0	818,1	817,3	very good permeability
2	4181,5	132	818,9	818,1	734,6	30	795,4	794,6	818,8	818,0	"
3	4184,0	132	819,2	818,4	745,4	72	795,4	794,7	819,1	818,3	"
4	4207,5	132	824,5	823,8	733,5	36	797,8	797,0	823,9	823,1	"
5	4248	134	831,6	830,9	692	1200	805,4	804,7	831,5	830,9	low permeability
6	4281	136	838,4	837,7	690,8	18	805,2	804,6	837,6	836,9	very good permeability
7	4248	136	831,2	830,5	677,0	30	805,4	804,7	831,2	830,6	fair permeability
8	4176	128	817,4	816,5	781,4	20	794,5	793,6	817,6	816,6	sampling
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											

WELL 34/10-23

DATE 08.08.85-09.08.85

RUN NO. 8b

PRETEST RECORDED DATA

TAB 3.2

Max. recorded temp.: 124

Test No.	Depth	Tem	Log hydr. before t.	Corr. hydr. before t.	Draw down	Build up time	Log Pretest pressure	Cor. Pretest pressure	Log hydr. after t.	Cor. hydr. after t.	Remarks
	m	C	bar	bar	bar	sec	bar	bar	bar	bar	
1	4084	117	800,3	799,0	773,6	30	786,5	785,2	800,3	798,9	very good permeability
2	4085	118	800,3	799,2	781,7	24	786,3	785,2	800,3	799,1	"
3	4089	118	801,0	799,8	707,9	12	786,5	785,4	799,8	801,0	"
4	4093	119	801,8	800,7	3,2	60	786,8	785,6	800,7	801,8	"
5	4096,5	119	802,5	801,3	784,4	42	786,6	785,4	802,4	801,2	"
6	4101,5	120	803,6	802,5	687,5	30	786,9	785,8	803,5	802,3	"
7	4105,8	121	804,4	803,1					804,3	803,1	seal failure
8	4110,0	121	805,3	804,3	770,7	12	787,2	786,1	805,1	804,0	good permeability
9	4115,3	122	806,3	805,2	418,4	138	787,2	786,1	806,1	805,0	not stabilized
10	4122,6	122	807,7	806,7	23,1				807,6	806,4	tight, plugged ?
11	4120,9	123	807,1	806,0	4,7				807,1	806,0	"
12	4126,7	123	808,6	807,6	5,8				808,5	807,5	"
13	4139,5	124	811,4	810,5	2,6				811,0	810,0	"
14	4141,9	124	811,2	810,2	1,7				811,1	810,2	"
15											
16											
17											
18											
19											
20											

STATOIL WELL NO. 34/10-23

MATERIAL COST AND CONSUMPTION ANALYSIS

PRODUCT	UNIT SIZE	UNIT PRICE $	36" SECTION	COST $	26" SECTION	COST $	17.5" SECTION	COST $	12.25" SECTION	COST $	8.5" SECTION	COST $	5 7/8" SECTION	COST $	TEST	COST $	TOTAL USED	TOTAL COST $
BARITE	M.T.	148.00		.00	87	12876.00	908	134384.00	692	102416.00	1027	151996.00	132	19536.00	252	37296.00	3098	458544.00
BENTONITE	M.T.	380.00	15	5700.00	90	34200.00	7	2660.00		.00	19	7220.00	3	1140.00	9	3420.00	142	54340.00
BENTONITE	50 KG	20.00		.00	110	2200.00	78	1560.00	18	360.00	22	440.00		.00	66	1320.00	294	5880.00
CAUSTIC SODA	25 KG	20.00	12	240.00	154	3080.00	141	2820.00	277	5540.00	111	2220.00	1	20.00	7	140.00	702	14040.00
SODA ASH	50 KG	21.00	3	63.00	15	315.00	2	42.00		.00	37	777.00	1	21.00	17	357.00	71	1491.00
SPERCELL C	25 KG	19.50		.00	12	234.00	97	1891.50	475	9262.50	817	15931.50	161	3139.50	15	292.50	1577	30751.50
DEFOAMER	25 LIT	118.00		.00	2	236.00	4	472.00	11	1298.00	1	118.00		.00		.00	18	2124.00
GYPSUM	40 KG	10.50		.00		.00	936	9828.00		.00		.00		.00		.00	936	9828.00
LIME	25 KG	7.00		.00		.00	97	679.00		.00		.00		.00		.00	97	679.00
ANCOMEL	25 KG	52.00		.00		.00	538	27976.00	25	1300.00		.00		.00		.00	563	29276.00
CMC LV	25 KG	65.00		.00		.00	622	40430.00	130	8450.00	25	1625.00		.00		.00	777	50505.00
CMC HV	25 KG	67.00		.00		.00	179	11993.00	3	201.00	17	1139.00		.00		.00	199	13333.00
DRISPAC REG	25 KG	154.00		.00		.00	137	21098.00	3	462.00	1	154.00		.00	2	308.00	143	22022.00
XC POLYMER	50 LB	480.00		.00		.00	3	1440.00		.00		.00		.00		.00	3	1440.00
DESCO	25 LB	51.00		.00		.00	35	1785.00	100	5100.00	30	1530.00	2	102.00	4	204.00	171	8721.00
ANCOLIG C	25 KG	32.00		.00		.00	10		322		566		147	4704.00	42		1087	34784.00
BICARBONATE	50 KG	24.00		.00		.00			2		144		41	984.00	14		201	4824.00
AL.STEARATE	25 KG	89.00		.00		.00			1					.00			1	89.00
ANCO RESIN	25 KG	81.25		.00		.00					536		48	3900.00			584	47450.00
EP-17	200 LIT	870.00		.00		.00					6			.00			6	5220.00
PIPE LAX	200 LIT	1089.00		.00		.00					9			.00			9	9801.00
IMCO SPOT	50 LB	85.00		.00		.00					170			.00			170	14450.00
TOTALS				6003.00		53141.00		259058.50		134389.50		183150.50		33546.50		43253.50		819572.50
DAYS ON SECTION			2		7		25		23		55		21		26		159	
COST PER DAY $				3001.50		7591.57		10362.34		5843.02		3330.01		1597.45		1663.60		5154.54
HOLE DRILLED (METRES)			60		1108		1857		735		675		239				4674	
COST PER METRE				100.05		47.96		139.50		182.84		271.33		140.26				175.35