



DEPTH (m RKB)	HYDROSTATIC MUD PRESSURE (psia)	MEASURED FORMATION PRESSURE (psia)	TEMPERATURE CORRECTED FORMATION PRESSURE (psia)	(bar)	EQUIVALENT PRESSURE GRADIENT (MSL) (g/cm ³)	PRETEST PERMEABILITY (md)
Run 2A (HP-gauge)						
2520.8	6230	5575.1	5572.1	384.18	1.51	62
2510.8	No seal					
2512.5	6211	5569.8	5566.8	383.82	1.51	12
2528.3	6245	5582.2	5579.2	384.67	1.51	150
2536.8	6269	5593.5	5590.5	385.45	1.51	140
2551.4	6301	5608.7	5605.7	386.50	1.50	62
2561.4	6326	5622.4	5619.4	387.44	1.50	140
2571.4	6351	5636.3	5633.3	388.40	1.50	62
2585.4	6382	5646.5	5643.5	389.11	1.49	140
2595.4	6407	5661.5	5658.5	390.14	1.49	35
2606.4	No seal					
2650.4	" "					
2649.4	6539	5728.9	5725.9	394.79	1.48	40
2682.4	6615	5781.1	5778.1	398.39	1.47	40
2734.9	No seal					
2732.9	Tight					
2584.4	*					

Run 2A (Strain gauge 75841)

	(psig)	(psig)				
2520.8	6228	5573	5575.7	384.43	1.51	62
2510.8	No seal					
2512.5	6209	5566	5568.7	383.95	1.51	12
2528.3	6243	5580	5582.7	384.91	1.51	150
2536.8	6269	5592	5594.7	385.74	1.51	140
2551.4	6298	5603	5605.7	386.50	1.50	62
2561.4	6326	5621	5623.7	387.74	1.50	140
2571.4	6350	5633	5635.7	388.57	1.50	35
2585.4	6381	5643	5645.7	398.26	1.49	25
2595.4	6404	5660	5662.7	390.43	1.49	170
2606.4	No seal					
2650.4	" "					
2649.4	6542	5724	5726.2	394.81	1.48	40
2682.4	6616	5777	5779.2	398.46	1.47	40
2734.9	No seal					
2732.9	" "					
2584.4	*					

CONVERSIONS

1 bar 14.5038 psi
 1 g/cc 8.34523 ppg RKB = 26 m
 1 kg/cm² 14.2233 psi

* Sample Tool plugged 4299 cc in 23/4 gal chamber

Final depth corrected

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DEPTH (m RKB)	HYDROSTATIC MUD PRESSURE (psig)	MEASURED FORMATION PRESSURE (psig)	TEMPERATURE CORRECTED FORMATION PRESSURE (psia)	CORRECTED FORMATION PRESSURE (bar)	EQUIVALENT PRESSURE GRADIENT (MSL) (g/cm ³)	PRETEST PERMEABILITY (md)
Run 2B (Strain gauge 66571) VPC-tool						
2520.8	6206	5558	5578.7	384.64	1.51	
2595.4	6383	5629	5649.7	389.53	1.49	
2585.4	6354	5628	5648.7	389.46	1.49	
2595.4	6378	5642	5662.7	390.43	1.49	
2649.4	6504	5701	5722.7	394.57	1.48	
2682.4	6584	5754	5775.7	398.22	1.47	
2701.4	6635	5902	5924.7	408.49	1.50	
2776.5	6824	5887	5909.7	407.46	1.45	
2828.5	6945	5965	5987.7	412.84	1.45	
2868.5	No seal					
2868.5	7032	6022	6044.7	416.77	1.44	
2595.4 *	6379	5640	5660.7	390.29	1.49	
2561.4	6314	5609	5629.7	388.15	1.50	

Run 2C (Strain gauge 75841)
2595.4 * Seg. sample PVT No. ST012

Run 2D (Strain gauge 75841)
2584.4 * 2581.0 Seg. sample PVT No. ST018

Run 2E
2561.4 * 2558.0 Operational error => No. seg. sample

Run 2F (Strain gauge 75841)						
2520.8 *	Seg. sample PVT No. ST020					
2520.8	6219	5585	5587.7	385.26	1.51	350
2528.3	6240	5593	5595.7	385.81	1.51	85
2561.4	6314	5624	5626.7	387.95	1.50	10
2571.4	Tight					
2569.4	6331	5631 +	5633.7	388.43	1.50	120

Run 2G (Strain gauge 75841)
2561.4 * Seg. sample PVT No. ST005

CONVERSIONS

1 bar 14.5038 psi
 1 g/cc 8.34523 ppg RKB = 26 m
 1 kg/cm² 14.2233 psi

* = Sample: Tool plugged => empty chambers
 + = Logreading: 4630 psig

Final depth corrected

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DEPTH (m RKB)	HYDROSTATIC MUD PRESSURE (psig)	MEASURED FORMATION PRESSURE (psig)	TEMPERATURE CORRECTED FORMATION PRESSURE (psia) (bar)		EQUIVALENT PRESSURE GRADIENT (MSL) (g/cm ³)	PRETEST PERMEABILITY (md)
Run 3H (Strain gauge 62592)						
3084.0	6684	6358	6336.7	436.90	1.40	20
3138.0	7007	6435	6413.7	442.21	1.40	45
3261.0	7279	6612	6591.7	454.48	1.38	55
Run 3I (Strain gauge 62592)						
3309	Lost seal					
3408	7651	6870	6850.7	472.34	1.37	20
3449	7742	6931	6911.7	476.54	1.37	100
3545	7963	7073	7054.7	486.40	1.36	5
3604	8096	7164	7145.7	492.68	1.35	10
3626	8141	7209	7190.7	495.78	1.35	2
3642	8180	7218	7199.7	496.40	1.35	1
3261	7337	6666	6645.7 *	458.20	1.39	45
3084	6944	6417	6395.7 *	440.97	1.41	20

* Drifting

RKB = 26 m

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TABLE 5.4: ANALYSES OF FMT-CHAMBERS

WELL: 34/7-6

Flash of reservoir fluid to stock tank conditions: (250 bar, 93.0°C to atmosphere and 15°C).

GOR (Sm^3/Sm^3)	85.0
B_o (m^3/Sm^3)	1.30
ρ stock tank oil (kg/m^3)	838.9
Molecular weight stock tank oil	208
Molecular weight C_{10+}	328
γ Gas gravity (air = 1.0)	1.001

Component	Recombined reservoir fluid composition (mol %)
Nitrogen	1.30
Carbon dioxide	0.22
Methane	25.28
Ethane	7.14
Propane	9.37
iso-Butane	1.33
n-Butane	6.11
iso-Pentane	2.03
n-Pentane	3.17
Hexanes	3.43
Heptanes	5.28
Octanes	5.04
Nonanes	3.64
Decanes plus	26.65

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TABLE 5.5: FLOW DATA

WELL: 34/7-6 DST NO. 1

Event	Date	Clock time (hrs. min)	Choke (mm)	Flowrate (Sm ³ /day)	Bottomhole pressure (bar)	Wellhead pressure (bar)	Remarks
Initial flow	8.5.85	21.51-22.01	9.5	248	344.9	19.1	Abnormal wellhead pressure due to cushion in the string.
Well opened for main flow:	9.5.85	02.50	12.7				
	"	03.30	12.7	674	306.2	32.1	
	"	05.30	12.7	640	274.8	27.7	
	"	09.00	12.7	379	259.5	13.6	
	"	12.00	12.7	308	255.2	9.3	
	"	17.00	12.7	255	252.5	5.7	
Well shut in	9.5.85	20.50	12.7	225	251.5	4.6	
Well opened for sampling flow:	10.5.85	19.35	6.3				
	"	20.00	6.3	236	300.1	51.1	
Changed choke	"	21.00	6.3	223	295.1	44.5	
	"	21.15	4.8	147	297.3	49.7	
Well shut in	11.5.85	01.30	4.8	129	290.5	43.1	

The water gas ratio was measured to 0.89 Sm³/Sm³ at separator conditions of 1 bar and 30.5°C.
The bottomhole pressure refers to 2483 m RKB and the initial pressure at this depth was 375 bar.
The formation temperature is estimated to 93.7°C.

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TABLE 5.6: MAIN PRESSURE BUILD-UP DATA

WELL: 34/7-6 DST NO. 1

TIME (HRS)	PRESSURE (PSIG)	REMARKS
20.8333	3646.710	
20.8403	3693.710	
20.8419	3715.360	
20.8431	3725.890	
20.8439	3733.740	
20.8447	3739.950	
20.8458	3745.100	
20.8467	3749.500	
20.8475	3753.360	
20.8486	3756.810	
20.8525	3762.710	
20.8550	3774.030	
20.8631	3787.970	
20.8733	3799.890	
20.8914	3815.100	
20.9233	3832.800	
20.9842	3854.310	
21.1308	3887.350	
22.0633	4005.140	
23.3811	4108.170	
0.4325	4169.680	
2.5853	4266.970	
5.2994	4359.210	
9.2581	4461.200	
16.7128	4599.520	
16.7450	4600.010	
19.5833	4600.240	
19.5861	4462.200	
19.6167	4462.200	
19.7833	4387.080	
20.0167	4345.240	
20.5167	4285.690	
21.0500	4238.930	
21.0833	4307.290	
21.5167	4309.280	
22.0167	4301.980	
22.5167	4288.470	
23.0167	4265.870	
23.5167	4258.310	
0.0167	4241.160	
0.4833	4228.000	
0.5500	4232.350	
1.0167	4229.240	
1.4833	4213.140	
1.5000	4212.565	
1.5167	4292.910	
2.0167	4376.670	
2.1500	4386.390	

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TABLE 5.7: FLOW DATA

WELL: 34/7-6 DST NO. 2

Event	Date	Clock time (hrs. min)	Choke (mm)	Flowrate (Sm ³ /day)	Bottomhole pressure (bar)	Wellhead pressure (bar)	GOR (Sm ³ /Sm ³)	Remarks
Initial flow period	15.5.85	18.20-18.30	9.5	484	354.8	48.9		Cushion water in the string
Opened the well for main flow	"	22.25	9.5					
	16.5.85	01.00	9.5	795	321.9	144.8		Rate decreased continuously
Changed choke to 7.9 mm	16.5.85	03.00	9.5	773	317.7	141.4		Started the sampling programme Sampling programme at 03.25
	"	04.00	7.9	537	328.5	153.8	64.8	
	"	12.00	7.9	529	325.4	151.7	66.3	
	"	19.00	7.9	521	322.5	148.9	66.6	
	"	22.30	7.9	519	321.2	147.5	66.3	
Shut in the well	16.5.85	22.32						

The GOR measured at separator condition of 11.7 bar and 29.4°C.
 The bottomhole pressure refers to 2350 m RKB and the initial pressure at this depth is 373.8 bar.
 The formation temperature is estimated to 90.9°C.

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TABLE 5.8: MAIN PRESSURE BUILD-UP DATA

WELL: 34/7-6 DST NO. 2

TIME (HRS)	PRESSURE (PSIG)	TIME (HRS)	PRESSURE (PSIG)
22.5319	4656.820	0.7500	5110.190
22.5333	4791.750	1.0000	5117.080
22.5342	4808.510	1.2500	5123.220
22.5356	4816.220	1.5000	5128.760
22.5367	4821.580	1.7500	5133.780
22.5378	4825.680	2.0000	5138.410
22.5392	4829.140	2.2500	5143.010
22.5403	4832.230	2.5000	5147.000
22.5414	4834.880	2.7500	5150.660
22.5425	4837.220	3.0000	5154.150
22.5450	4841.430	3.5000	5160.540
22.5472	4845.140	4.0000	5166.160
22.5494	4848.440	4.5000	5171.350
22.5517	4851.470	5.0000	5176.110
22.5553	4855.570	5.5000	5180.510
22.5589	4859.350	6.0000	5184.600
22.5611	4861.760	6.5000	5188.390
22.5656	4866.140	7.0000	5191.950
22.5672	4867.470	7.5000	5195.360
22.5692	4869.170	8.0000	5198.630
22.5739	4872.960	8.5000	5201.650
22.5786	4876.510	9.0000	5204.650
22.5844	4880.680	9.5000	5207.360
22.5925	4886.060	10.0000	5210.070
22.6053	4893.600	11.0000	5215.070
22.6122	4897.380	12.0000	5219.720
22.6167	4899.790	13.0000	5223.670
22.6342	4908.200	14.0000	5227.950
22.6444	4912.820	15.0000	5231.770
22.6550	4917.200	16.0000	5235.410
22.6947	4931.780	17.0000	5238.890
22.7317	4943.500	18.0000	5242.260
22.7617	4951.990	19.0000	5245.500
22.7781	4956.270	20.0000	5248.860
22.8267	4967.960	21.0000	5251.620
22.8989	4982.810	22.0000	5254.560
22.9494	4991.950	23.0000	5257.320
23.0603	5009.160	0.0000	5259.890
23.0811	5011.980	1.0000	5262.290
23.2092	5027.170	2.0000	5264.730
23.2314	5029.540	3.0000	5267.000
23.2500	5031.460	4.0000	5269.250
23.3333	5039.480		
23.4167	5046.690		
23.5000	5053.290		
23.5833	5059.130		
23.6667	5064.690		
23.7500	5069.660		
23.8333	5074.320		
23.9167	5078.600		
0.0000	5082.570		
0.2500	5093.300		
0.5000	5102.370		

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TABLE 5.9: FLOW DATA

WELL: 34/7-6 DST NO. 3A

Event	Date	Clock time (hrs.min)	Choke (mm)	Flowrate (Sm ³ /day)	Bottomhole pressure (bar)	Wellhead pressure (bar)	GOR (Sm ³ /Sm ³)	Remarks
Perforated	21.5	09.00						
Initial flow	24.5	01.34-01.46	6.3	242	356.9	93.8	-	The string was filled with cushion water.
Opened the well for main flow	24.5	04.00	6.3					Started the sampling programme at 08.40.
	24.5	08.00	6.3	358	350.8	176.4	53.75	
	24.5	12.00	6.3	371	351.2	179.9	57.3	
	24.5	18.00	6.3	385	353.6	182.7	54.1	
	24.5	24.00	6.3	391	353.7	182.8	52.2	
	Shut in the well at 04.00	25.5	04.00	6.3	396	353.8	182.9	

The GOR measured at separator condition of 15 bar and 16.7°C.
 The bottomhole pressure refers to 2327 m RKB and the initial pressure at that depth is 369.9 bar.
 The formation temperature is estimated to 90.2°C.

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TABLE 5.10: MAIN PRESSURE BUILD-UP DATA

WELL: 34/7-6 DST NO. 3A

TIME (HRS)	PRESSURE (PSIG)	REMARKS
4.0031	5131.240	
4.0056	5333.930	
4.0083	5340.770	
4.0111	5343.500	
4.0139	5345.400	
4.0167	5346.760	
4.0194	5347.920	
4.0222	5348.920	
4.0250	5349.630	
4.0278	5350.290	
4.0306	5350.970	
4.0333	5351.510	
4.0361	5352.020	
4.0389	5352.500	
4.0417	5352.940	
4.0444	5353.240	
4.0472	5353.530	
4.0500	5383.830	
4.0667	5355.160	
4.0833	5356.190	
4.1000	5356.860	
4.1167	5357.350	
4.1333	5357.840	
4.1500	5358.170	
4.1667	5358.450	
4.2000	5358.760	
4.2333	5359.140	
4.2667	5359.370	
4.3000	5359.540	
4.3333	5359.780	
4.5000	5360.320	
4.6667	5360.660	
4.8333	5360.900	
5.0000	5361.080	
5.3333	5361.310	
5.6667	5361.750	
6.0000	5361.880	
6.5000	5362.050	
7.0000	5362.180	
8.0000	5362.420	
9.0000	5362.380	
10.0000	5362.320	
12.0000	5362.380	
14.0000	5362.510	
16.0000	5362.780	
18.0000	5362.760	
20.0000	5362.780	
22.0000	5362.720	
0.0000	5362.770	
2.0000	5362.830	
4.0000	5362.910	

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Event	Date	Clock time (hrs.min)	Choke (mm)	Flowrate (Sm ³ /day)	Bottomhole pressure (bar)	Wellhead pressure (bar)	GOR (Sm ³ /Sm ³)	Remarks
Perforated the additional zone	26.5.85	07.35						
Opened the well for main flow	26.5.85	10.35	12.7					Sampling programme started at 12.15
		13.00	12.7	1765	337.4	154.8	46.8	
		17.00	12.7	1757	338.1	156.9	46.8	
		22.30	12.7	1729	338.3	157.1	49.1	
Shut in the well at the wellhead at	"	22.34						

The GOR measured at separator condition of 36.2 bar and 52.8°C.
 The bottomhole pressure and temperature refers to 2327 m RKB and the initial pressure at that depth is 369.9 bar.
 The formation temperature is estimated to 89.9°C.

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TABLE 5.12: MAIN PRESSURE BUILD-UP DATA

WELL: 34/7-6 DST NO. 3B

TIME (HRS)	PRESSURE (PSIG)	REMARKS
22.5769	4906.590	
22.5778	5070.110	
22.5806	5314.850	
22.5833	5318.080	
22.5861	5320.730	
22.5889	5322.550	
22.5917	5323.790	
22.5944	5324.900	
22.5972	5325.790	
22.6000	5326.450	
22.6167	5329.750	
22.6333	5331.900	
22.6500	5333.110	
22.6667	5334.380	
22.6833	5335.400	
22.7000	5336.470	
22.7167	5337.310	
22.7333	5338.110	
22.7500	5338.640	
22.7667	5339.300	
22.7833	5339.790	
22.8000	5340.280	
22.8167	5340.690	
22.8333	5341.220	
22.8667	5342.090	
22.9000	5342.670	
22.9333	5343.390	
22.9667	5343.810	
23.0000	5344.620	
23.0833	5345.720	
23.1667	5346.790	
23.2500	5347.580	
23.3333	5348.510	
23.4167	5348.820	
23.5000	5349.520	
23.6667	5350.570	
23.8333	5351.340	
0.0000	5352.140	
0.5000	5353.690	
1.0000	5354.690	
1.5000	5355.620	
2.0000	5356.260	
2.5000	5356.690	
3.0000	5357.430	
3.5000	5357.610	
4.0000	5357.780	
4.5000	5358.040	
5.0000	5358.060	
5.5000	5358.350	
6.0000	5358.410	
6.5000	5358.600	
7.0000	5358.470	
8.0000	5358.520	
9.0000	5358.960	
10.0000	5358.770	
10.6667	5358.880	

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TABLE 5.13: WATER ANALYSES

WELL: 34/7-6 DST NO. 1

WELLHEAD SAMPLES:

Cations	mg/l
Na	11000-13300
Ca	1115-1160
Mg	155-165
Ba	40-49
K	115-120
Sr	146-143
Al	<1
Mn	1.75-1.85
Fe	<0.1

Anions	
Cl	19900-22100
So ₄	<10
Co ₃	0
HCO ₃	334-350

Specific gravity	1.0248-1.0260
Resistivity @ 19.9-20.9°C	0.199-0.205 ohm-m
Fe, total	10.3-22.3 mg/l
pH	6.87-7.31

Bottomhole Sample

Cations	mg/l
Na	11400
Ca	1200
Mg	165
Ba	48.3
K	120 *
Sr	154
Al	
Mn	
Fe	0.1

Anions	
Cl	20600
SO ₄	<10
CO ₃	0
HCO ₃	383

Resistivity @ ca. 20°C	0.1957 ohm-m
Fe, total	52 mg/l
pH	7.83

* Approximate value

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TABLE 5.14: OIL ANALYSES

WELL: 34/7-6 DST NO. 2

Bubble point pressure @ 90.9°C: 118.5 bar.

Flash of reservoir fluid to stock tank conditions: (250 bar, 93.0°C to atmosphere and 15°C).

GOR (Sm^3/Sm^3)	85.0
Bo (m^3/Sm^3)	1.30
ρ stock tank oil (kg/m^3)	838.9
Molecular weight stock tank oil	208
Molecular weight C ₁₀₊	328
γ (air=1.0)	1.001

Same data as TMT Sample?

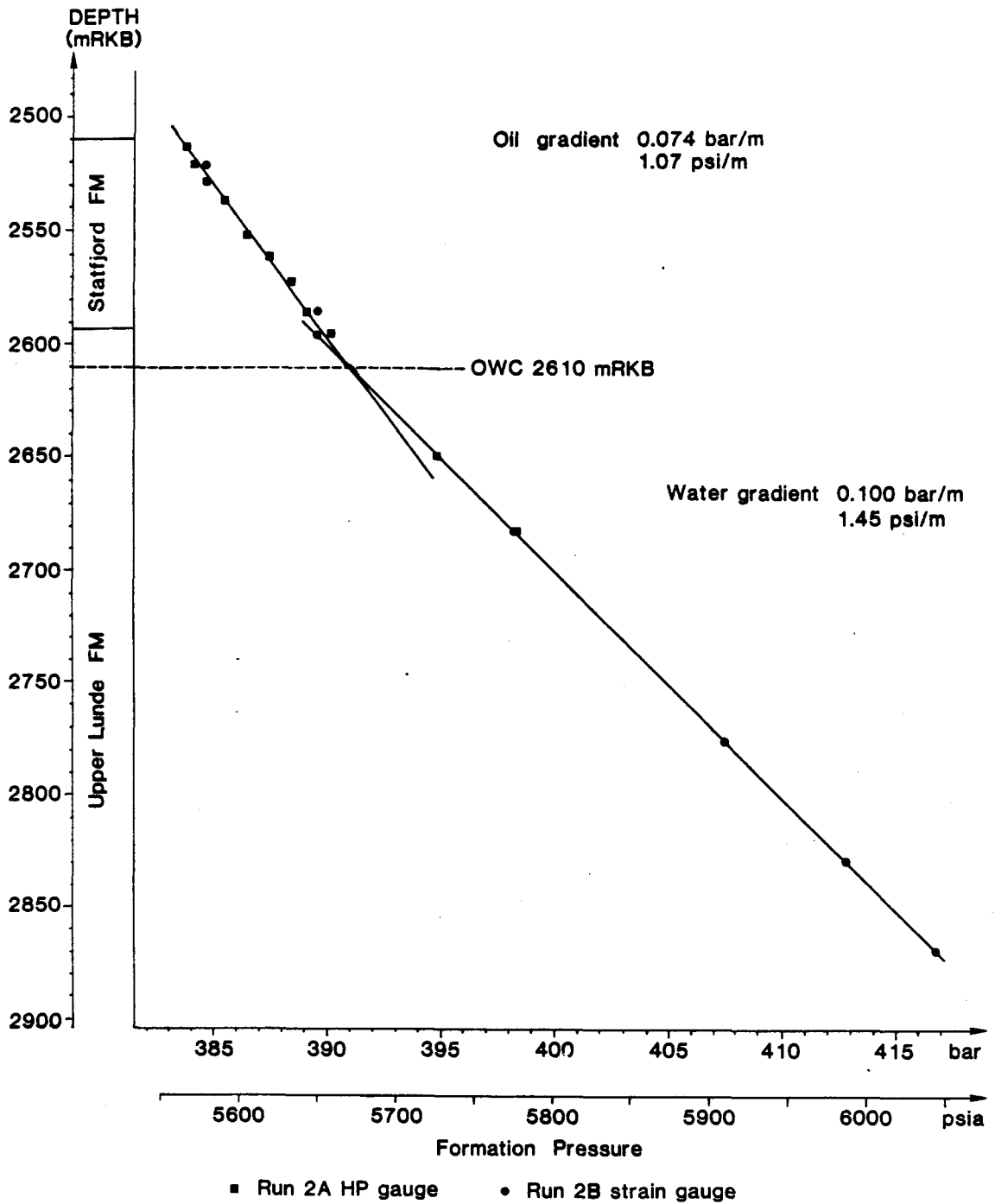
Component	Recombined reservoir fluid composition (rest %)
Nitrogen	1.38
Carbon dioxide	0.22
Methane	25.32
Ethane	7.15
Propane	9.38
iso-Butane	1.33
n-Butane	6.12
iso-Pentane	2.03
n-Pentane	3.16
Hexanes	3.44
Heptanes	5.27
Octanes	5.03
Nonanes	3.63
Decanes plus	26.60

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FIGURE 5.1: FORMATION PRESSURE
VERSUS DEPTH
WELL: 34/7-6 PAGE 1



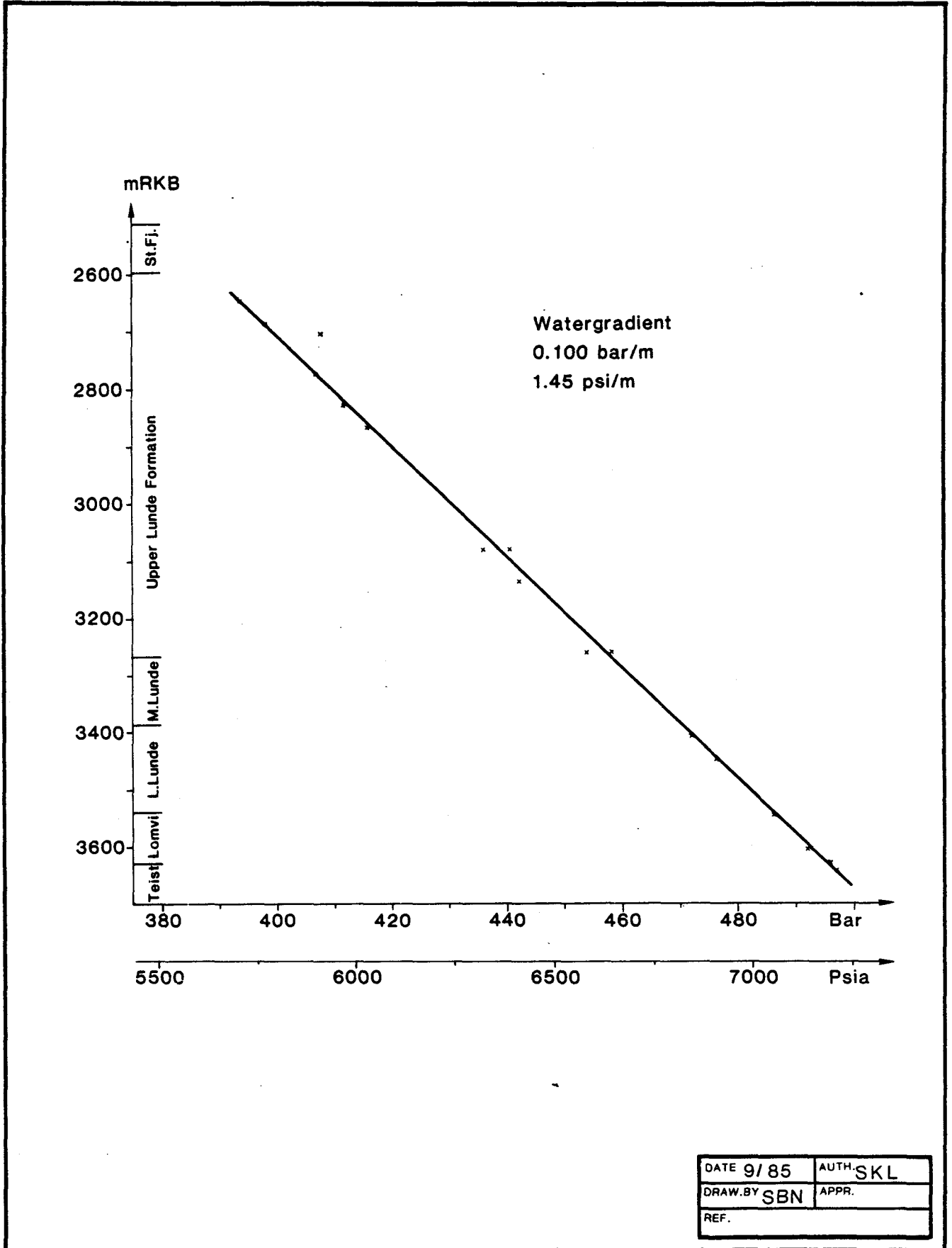
DATE 9/85	AUTH. SKL
DRAW. BY SBN	APPR.
REF.	

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FIGURE 5.1: FORMATION PRESSURE
VERSUS DEPTH

WELL: 34/7-6 PAGE 2

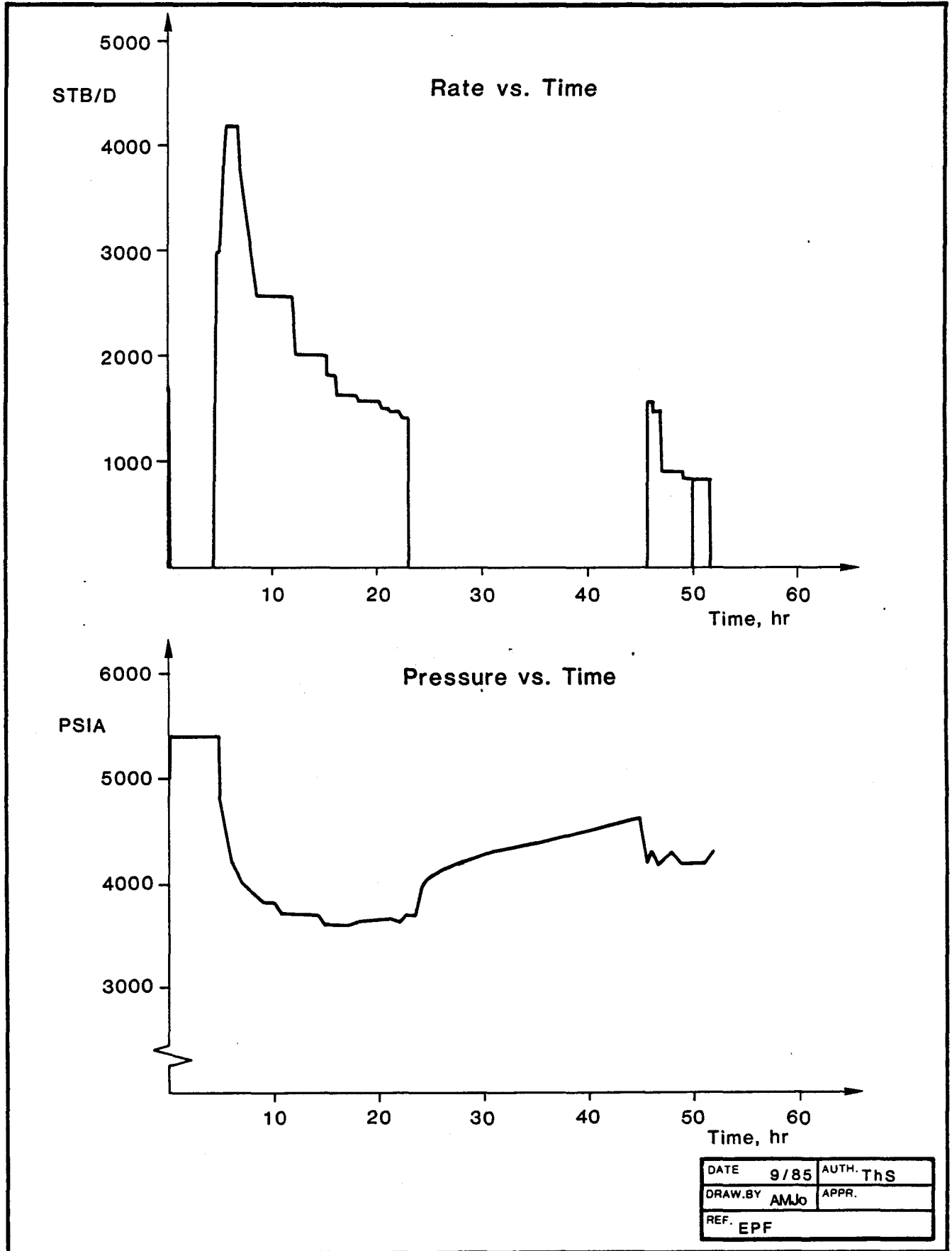


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FIGURE 5.2: BOTTOM HOLE PRESSURE
AND FLOW RATES

WELL: 34/7-6 DST NO. 1



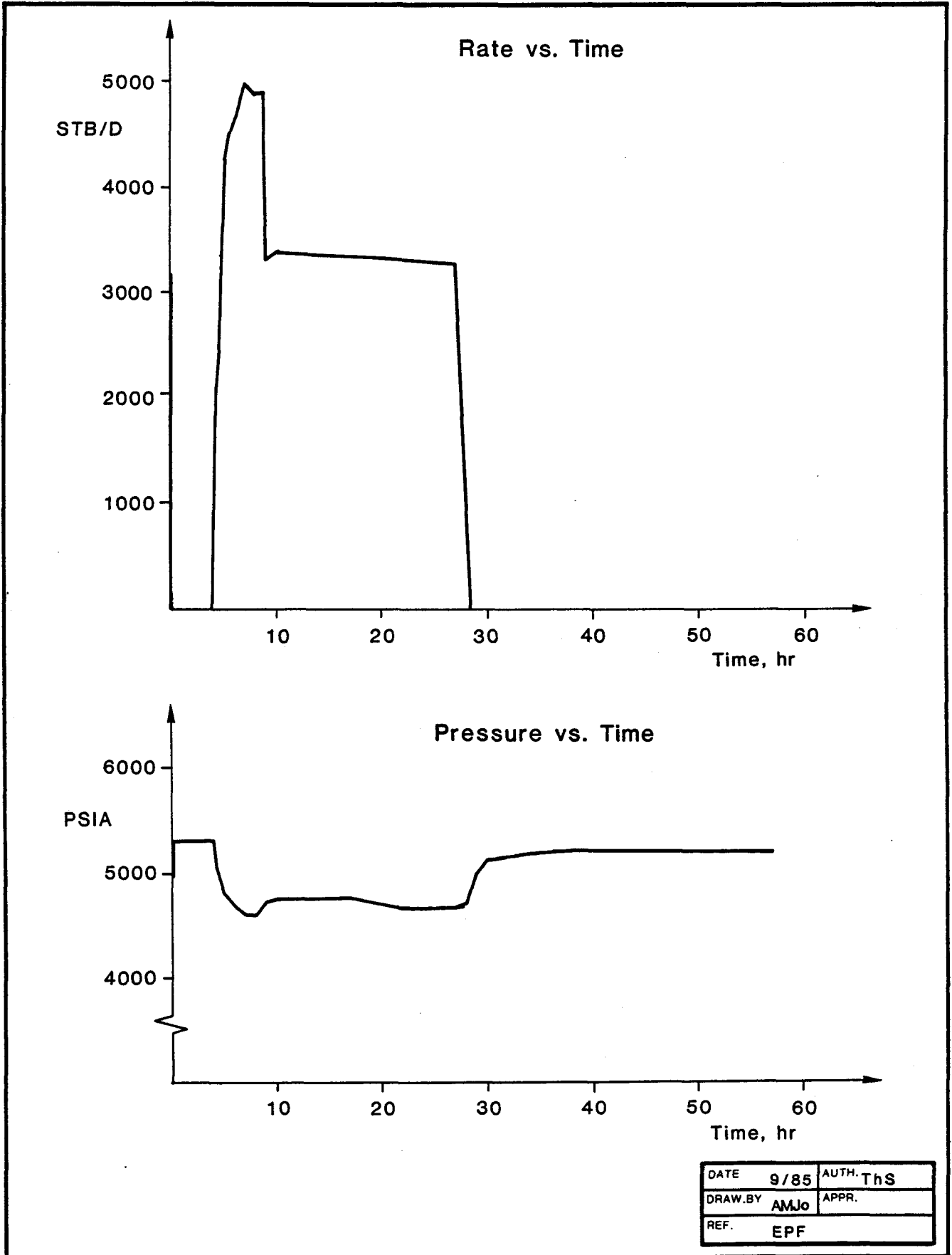
DATE	9/85	AUTH.	ThS
DRAW.BY	AMJo	APPR.	
REF.	EPF		

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FIGURE 5.3: BOTTOM HOLE PRESSURE AND FLOW RATES

WELL: 34/7-6 DST NO. 2



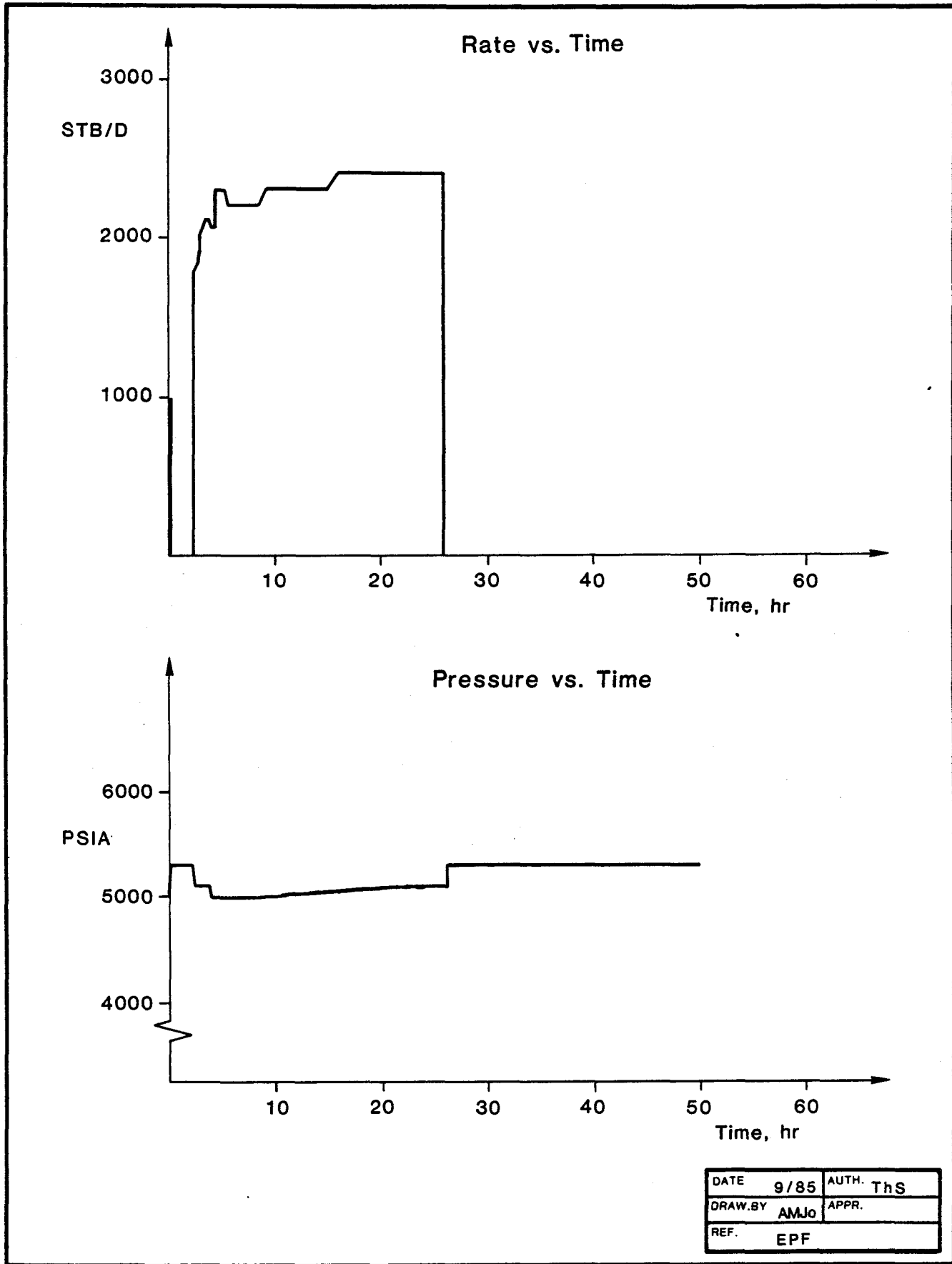
DATE	9/85	AUTH. ThS
DRAW. BY	AMJo	APPR.
REF.	EPF	

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FIGURE 5.4: BOTTOM HOLE PRESSURE
AND FLOW RATES

WELL: 34/7-6 DST NO. 3A

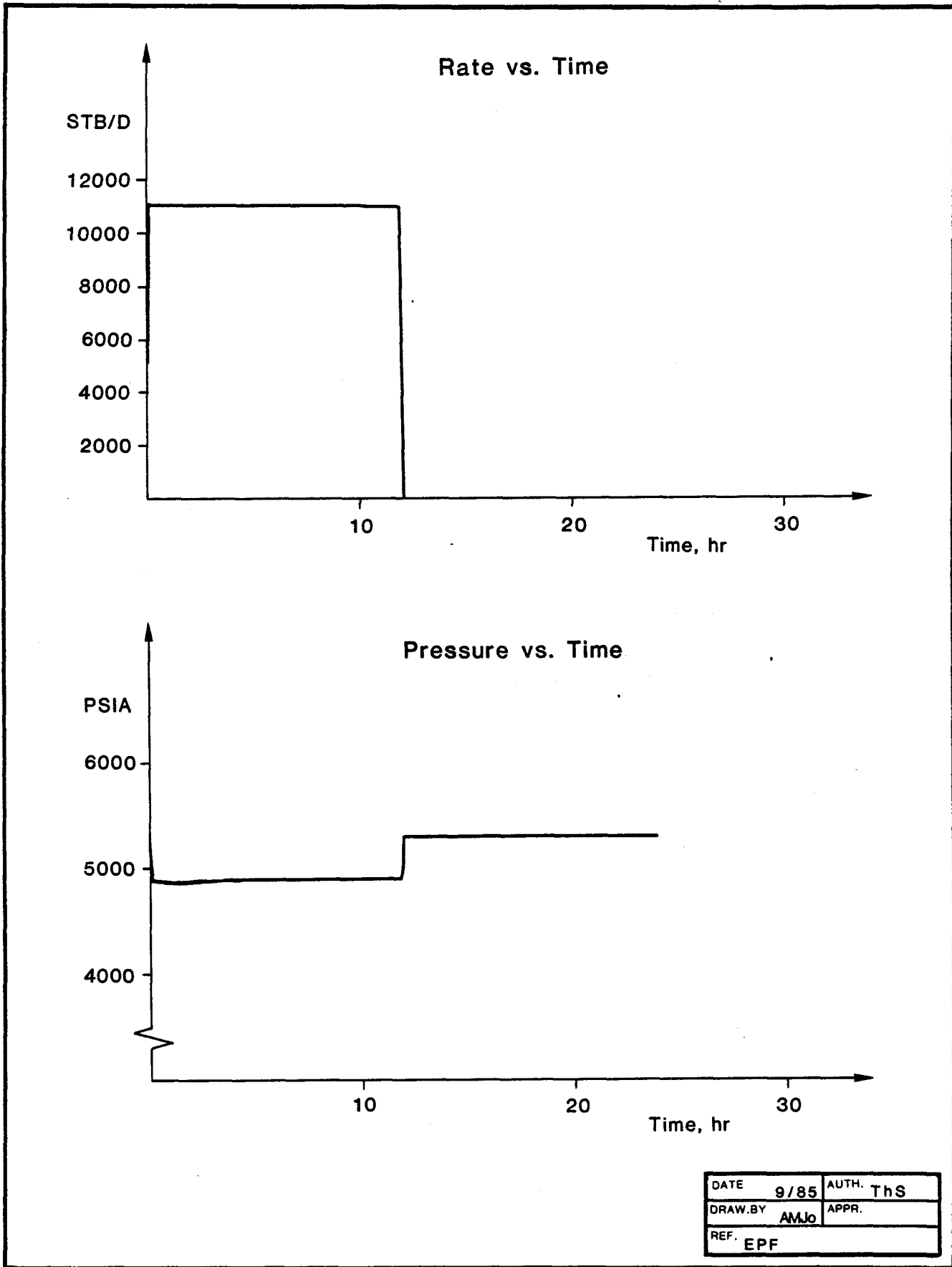


DATE	9/85	AUTH.	ThS
DRAW.BY	AMJo	APPR.	
REF.	EPF		

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FIGURE 5.5: BOTTOM HOLE PRESSURE
AND FLOW RATES
WELL: 34/7-6 DST NO. 3B



DATE	9/85	AUTH.	ThS
DRAW.BY	AMJo	APPR.	
REF.	EPF		

6.2.1 Mud Properties Daily Report

Well no: 34/7-6

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DATE	HOLE SIZE INCHES	DEPTH METERS	MUD WEIGHT PP9	P.V.	Y.P.	GEL STRENGTH	n	K	WATER LOSS	PH	ALKALINITY PF/MF	Ca+ ppm	CL- ppm	SAND %	SOLIDS %	COMMENTS
17/3	36"	390							SPUD	MUD						
18/3	36"	460	1.08						SPUD	MUD						
19/3	36"	460	1.08						SPUD	MUD						
20/3	26"	560	1.08													
21/3	26"	750	1.10	8	47	38/42	.196	16.221	N/C	8.9	.1/.3	160	7000	TR	6	
22/3	26"	817	1.10	8	43	30/33	.210	11.893	N/C	9.5	.1/.3	160	9000	TR	8	
23/3	26"	965	1.11	10	45	34/35	.068	11.829	-	9.5	.1/.3	200	11000	TR	9	
24/3	26"	965	1.18	11	44	32/33	.263	10.676	N/C	9.3	.1/.4	220	11500	TR	11	
25/3									MIXING MUD GYP-	POLYMER						
26/3	17 1/2"	970	1.10	12	16	3/5	.514	1.133	6	10.0	.1/.4	1480	21000	TR	5	
27/3	17 1/2"	1268	1.10	14	17	4/7	.537	1.088	5	9.7	.1/.4	2000	20000	TR	6	
28/3	17 1/2"	1551	1.20	20	25	6/10	.530	1.649	5	9.5	.11/.3	1800	21000	TR	7	
29/3	17 1/2"	1878	1.46	33	21	7/14	.688	.741	5	9.2	.11/.2	1800	21000	TR	15	
30/3	17 1/2"	1895	1.50	36	25	7/15	.669	.942	6	9.2	.1/.2	2000	21000	TR	17	LOGGING
31/3	17 1/2"	1895	1.50	33	24	7/16	.659	1.011	6.5	9.3	.11/.2	2000	21000	TR	17	RUN CSG/CMT CSG
1.4	12 1/4"	1890	1.50	27	33	8/30	.536	2.124	16	10.5	.2/.4	2320	20000	TR	18	MUD CMT CONT.
2.4	12 1/4"	2076	1.58	36	30	22/45	.628	1.317	5.5	10.6	.1/.8	1920	20000	TR	19	
3/4	12 1/4"	2280	1.68	25	17	10/41	.673	.630	6.0	10.3	.15/1.0	2400	17000	TR	22	
4/4	12 1/4"	2446	1.72	22	20	15/46	.607	.952	6.3	10.4	.1/.9	1600	19000	TR	24	
5/5	12 1/4"	2516	1.72	20	20	13/39	.585	1.044	5.5	10.1	.1/.9	1640	19000	TR	24	
6/4	12 1/4"	2543	1.72	24	18	9/36	.652	.720	5.0	10.4	.1/.9	1800	18000	TR	24	
7/4	12 1/4"	2553	1.72	23	16	3/25	.668	.601	5.0	9.8	.05/.9	2000	18000	TR	24	
8/4	12 1/4"	2557	1.72	23	16	3/25	.668	.601	5.0	10.3	.05/.8	2000	18000	TR	24	
9/4	12 1/4"	2582	1.72	26	18	5/35	.670	.677	4.0	10.6	.3/.9	1560	18000	TR	24	
10/4	12 1/4"	2601	1.72	26	14	3/17	.722	.470	4.3	10.5	.15/1.2	1560	15000	TR	24	
11/4	12 1/4"	2618	1.72	26	14	3/22	.722	.470	4.0	10.5	.1/.11	1700	14000	TR	24	
12/4	12 1/4"	2635	1.72	28	15	4/26	.723	.473	4.0	10.2	.15/1.2	1900	14000	TR	24	
13/4	12 1/4"	2730	1.70	26	15	3/24	.708	.496	4.5	10.3	.15/.9	1800	13000	TR	24	
14/4	12 1/4"	2828	1.70	27	13	4/31	.73	.43	4.5	10.5	.15/.8	1480	12000	TR	24	
15/4	12 1/4"	2912	1.70	27	13	4/30	.73	.43	5	10.3	.15/.7	1400	12500	TR	24	
16/4	12 1/4"	2940	1.70	23	15	5/26	.90	.14	4.8	10.3	.1/1.3	1200	12000	TR	24	
17/4	12 1/4"	3015	1.70	25	15	5/26	.70	.51	4.6	10.3	.2/1.2	1140	11000	TR	24	

6.2.1. Mud Properties, Daily Report

Well no: 34/7-6

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Petroleum a.s.



DATE	HOLE SIZE INCHES	DEPTH METERS	MUD WEIGHT PPg	P.V.	Y.P.	GEL STRENGTH	n	K	WATER LOSS	pH	ALKALINITY PF/MF	Ca+ ppm	CL- ppm	SAND %	SOLIDS %	COMMENTS
18.4.	12 1/4	3015	1.70	26	16	6/29	.69	.57	4.7	10.0	.2/1.1	1140	11000	TR	24	Logging
19.4.	12 1/4	3015	1.70	26	15	5/29	.71	.49	4.7	9.8	.2/1.0	1140	11000	TR	24	"
20.4.	12 1/4	3015	1.69	23	15	5/25	.68	.55	4.5	10.3	.2/1.0	1080	11000	TR	23	Log. Wipertr. Log
21.4.	12 1/4	3015	1.69	24	16	6/28	.68	.58	4.5	10.0	.2/1.0	1080	11000	TR	23	Logging
22.4.	12 1/4	3015	1.69	24	15	5/26	.69	.53	4.6	10.4	.2/1.8	1100	11000	TR	23	Run 9 5/8 csg.
23.4.	8 1/2	3017	1.64	22	15	5/25	.67	.57	5	11.4	.3/1.5	840	11000	TR	22	Cmt. csg.
24.4.	8 1/2	3070	1.55	20	14	4/17	.67	.52	5	11.3	.3/1.2	800	11000	TR	20	Dr1. 8 1/2"
25.4.	8 1/2	3149	1.55	19	15	4/21	.667	.553	5	11.1	.3/1.3	850	10000	TR	19	Dr1. 8 1/2"
26.4.	8 1/2	3300	1.55	20	16	4/28	.637	.704	6.2	10.5	.2/1.1	840	10000	TR	19	Dr1. 8 1/2"
27.4.	8 1/2	3395	1.55	22	14	4/24	.688	.515	5.8	10.3	.2/1.0	770	9500	TR	19	Dr1. 8 1/2"
28.4.	8 1/2	3448	1.55	20	14	5/29	-	-	5.6	10.3	.2/1.1	760	10000	TR	19	POOH for bit
29.4.	8 1/2	3522	1.55	23	16	4/25	.668	.605	5.0	9.9	.15/1.0	440	10000	TR	20	Dr1g. ahead
30.4.	8 1/2	3578	1.55	23	14	4/24	-	-	5.0	10.3	.2/1.0	360	9500	TR	20	Cut core no. 13
1.5.	8 1/2	3658	1.55	23	14	4/20	.697	.479	5.0	9.9	.2/1.0	360	10000	TR	20	Dr1g. ahead
2.5.	8 1/2	3685	1.56	24	15	5/25	.69	.53	5.0	10.1	.2/1.0	360	10000	TR	21	Dr1. to TD log
3.5.	8 1/2	3685	1.56	23	15	5/25	.68	.55	5.0	10	.2/1.0	360	10000	TR	21	Logging
4.5.	8 1/2	3315	1.55	22	14	4/24	.69	.52	5.0	10	.2/1.1	360	10000	TR	21	Start plug back
5.5.	8 1/2	2925	1.70	23	16	6/26	.668	.605	6.0	11	.4/1.2	480	10000	TR	22	Weighted up to 1.70sg
6.5.	8 1/2	2970	1.70	21	12	4/23	.710	.394	6.0	10.8	.4/1.2	440	10000	TR	22	Run bit&scraper.Circ.
7.5.	8 1/2	2920	1.70	22	13	4/24	.703	.437	6.0	10.8	.4/1.2	440	10000	TR	22	Ran test-string
8.5.	8 1/2	2920	1.70	22	13	4/24	.703	.437	6.0	10.8	.4/1.2	440	10000	TR	22	Testing
9.5.	8 1/2	2920	1.70	23	13	4/23	.712	.425	6.0	10.7	.4/1.2	440	10000	TR	22	Testing
10.5.	8 1/2	2920	1.70	23	13	4/23	.712	.425	6.0	10.7	.4/1.2	440	10000	TR	22	Testing
11.5.	8 1/2	2674	1.70	21	13	4/24	.693	.452	6.5	10.5	.2/.5	440	10000	TR	22	Bullhead-squeeze
12.5.	8 1/2	2587	1.70	22	13	4/24	.703	.437	8.0	10.5	.15/.4	560	10000	TR	22	Squeeze-run bit&scraper
13.5.	8 1/2	2590	1.70	20	11	5/23	.718	.352	8.0	10.8	.15/.35	600	10000	TR	22	Logging-squeeze
14.5.	8 1/2	2590	1.65	22	12	5/24	.719	.384	9.0	10.0	.10/.25	380	11000	TR	21	Logging-ran teststring
15.5.	8 1/2	2590	1.65	15	12	5/24	.637	.508	9.5	10.3	.10/.25	440	12000	TR	21	Testing
16.5.	8 1/2	2590	1.70	20	12	10/25	.700	.407	20	11	.2/.4	2000	17000	TR	22	Weigh up activ-testing
17.5.	8 1/2	2590	1.70	20	12	10/25	.700	.407	20	11	.2/.4	2000	17000	TR	22	Testing
18.5.	8 1/2	2590	1.70	20	13	10/25	.683	.466	20	11	.2/.6	2000	15000	TR	22	Test - bullhead
19.5.	8 1/2	2542	1.70	18	13	10/25	.660	.506	20	10.9	.2/.6	1800	15000	TR	22	Milling - squeeze

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6.2.2 MUD MATERIALS USED

Well no: 34/7-6

Materials	Unit	36 in hole	26 in hole	17-1/2 hole	12-1/4 hole	8-1/2 hole	Total
BARITE	M/T	0	74	396	1117	366	1953
BICARBONATE	50 KG	0	0	0	15	15	30
CAUSTIC SODA	25 KG	10	19	56	189	46	320
DRISPAC REG	50 LB	0	0	97	0	3	100
DRISPAC S/L	50 LB	0	0	0	171	14	185
GYPSUM	50 KG	0	0	341	211	0	552
LD-8	5 GAL	0	0	3	3	2	8
LIGCO	25 KG	0	0	0	0	12	12
LIGCON	50 LB	0	0	0	0	149	149
LIME	40 KG	2	0	1	4	0	7
MD	200 L	0	0	0	1	0	1
MILBIO	55 GA	0	0	6	0	0	6
MILPOL 302	25 KG	0	0	160	1	0	161
PERMALOSE	25 KG	0	0	233	40	0	273
PRO-DEFOAMER	25 L	0	0	0	4	11	15
SODA ASH	50 KG	1	1	0	0	14	16
W.O.21	25 KG	0	3	0	1	3	7
BENTONITE	M/T	7	35	5	8	23	78
PRO-THIN	25 KG	0	0	0	607	176	783
CACL2	25 KG	0	0	0	0	3036	3036