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Exploration and Production

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Storage: 2 years 5 years Permanent archives

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Doc. id
R-058584

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Distribution Explor. Ha Archive	Title DATA REPORT GAS AND CONDENSATE WELL 6507/2-2
BA-92-2516-1	

Summary/Conclusion/Recommendation

This report contains geochemical data on the gas and condensate from DST 1 (3285 - 3294m md RKB) and DST 2 (2820-2831m md RKB) in Well 6507/2-2.

The isotope data and composition of the gases are performed by "Institutt for energiteknikk", Kjeller, Norway.

The isotope data for the condensates are performed by Geolab Nor A/S, Trondheim.

All other analyses and compilation of this report are done at Norsk Hydro's Research Centre in Bergen, Norway.

Keywords

Gas, Whole Oil, Biological Markers, Isotope.

Pages-appendix	Amendment no.	Revision no.	Revision date
Quadrant/Block-well 6507/2-2	Project no. 12201202TS	Licence no. PL 122	Date 12.11.92
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Section	Bas.mod./Petr.Geochem.		
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LAA920917 LBa



Table 1: Volume composition of gas samples from well 6507/2-2.

Sample	IFE no	C ₁ %	C ₂ %	C ₃ %	iC ₄ %	nC ₄ %	iC ₅ %	nC ₅ %	CO ₂ %	ΣC ₁ -C ₅	Wet- ness	iC ₄ / nC ₄
Test 1A	10609	90.1	4.7	1.9	0.26	0.37	0.11	0.11	2.5	97.5	0.08	0.71
Test II	10610	92.1	4.0	2.0	0.30	0.44	0.15	0.15	0.8	99.2	0.07	0.69
Test III	10611	92.2	3.9	2.0	0.30	0.43	0.14	0.15	0.9	99.1	0.07	0.71

Table 2: Isotopic composition of gas samples from well 6507/2-2.

Sample	IFE no	C ₁	C ₁	C ₂	C ₃	iC ₄	nC ₄	CO ₂	CO ₂
		δ ¹³ C ‰ PDB	δD ‰ SMOW	δ ¹³ C ‰ PDB	δ ¹³ C ‰ PDB	δ ¹³ C ‰ PDB	δ ¹³ C ‰ PDB	δ ¹³ C ‰ PDB	δ ¹⁸ O ‰ PDB
Test 1A	10609	-38.5	-171	-30.1	-28.5	-25.8	-27.1	-8.3	-13.5
Test II	10610	-39.1	-167	-30.6	-29.5	-27.4	-28.7	-16.9	-12.9
Test III	10611	-38.2	-186	-30.5	-29.5	-25.5	-27.9	-8.9	-13.3

GASSFRAK 65070202TEST1 15R x 5C (TEST IA)

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0 COMPONENT 1 WEIGHT % 2 MOLE % 3 PARAFFIN 4 NAPHTHENE 5 AROMATE

0 COMPONENT	1 WEIGHT %	2 MOLE %	3 PARAFFIN	4 NAPHTHENE	5 AROMATE
1 N2	0.552	0.348			
2 CO2	0.000	0.000			
3 C1	84.260	92.664			
4 C2	7.528	4.416			
5 C3	4.012	1.605			
6 ISO-C4	0.770	0.234			
7 N-C4	1.200	0.364			
8 NEO-C5	0.015	0.004			
9 ISO-C5	0.428	0.105			
10 N-C5	0.386	0.094			
11 C-6	0.342	0.071	93.979	6.021	
12 C-7	0.331	0.067	28.802	53.516	17.682
13 C-8	0.156	0.028	18.401	50.768	30.831
14 C-9	0.019	0.003	18.933	26.350	54.717
15 C-10+	0.001	0.000			

Pseudokrit. trykk = 46.302688 (bara)

Pseudokrit. temperatur = 200.908931 (K)

DST 1 16/2 1992 3285 - 3294 M md RKB

GASSFRAK_65070202TEST2 15R x 5C (TEST II)

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0 COMPONENT 1 WEIGHT % 2 MOLE % 3 PARAFFIN 4 NAPHTHENE 5 AROMATE

0 COMPONENT	1 WEIGHT %	2 MOLE %	3 PARAFFIN	4 NAPHTHENE	5 AROMATE
1 N2	2.153	1.388			
2 CO2	1.862	0.764			
3 C1	81.158	91.364			
4 C2	5.829	3.500			
5 C3	4.101	1.679			
6 ISO-C4	0.912	0.283			
7 N-C4	1.407	0.437			
8 NEO-C5	0.015	0.004			
9 ISO-C5	0.568	0.142			
10 N-C5	0.559	0.140			
11 C-6	0.598	0.127	94.557	5.443	
12 C-7	0.663	0.130	45.648	51.698	2.654
13 C-8	0.146	0.025	45.446	34.353	20.201
14 C-9	0.028	0.004	19.774	56.612	23.614
15 C-10+	0.001	0.000			

DST 2 2/3 1992 2820 - 2831 M mdRKB

Injection Report

Acquired on 19-AUG-1992 at 12:03

Norsk Hydro Research Centre

Analyst Name : tone
 Lims Id :
 Comment : 6507/2-2 cond.
 Method Title : C10- ANALYSE
 Sample Name : 6507/2-2 test 1 condensate
 Sample Id :
 Sample Type : Sample Amount=1.00000
 Bottle No : 1

PEAK INFORMATION

Peak	RT mins	RT Corr	RT Val	Hght uV	Area uAs	W%	Peak name	Width	Type
1	4.213	4.273	0.000	74	127	0.002		1.9	
2	4.312	4.373	0.000	2225	3552	0.043	ETHANE	1.6	
3	4.539	4.602	0.000	19308	30548	0.366	PROPANE	1.8	
4	4.891	4.959	0.000	15536	25643	0.307	ISO-BUTANE	1.8	
5	5.189	5.252	0.000	41874	73323	0.878	N-BUTANE	1.8	P
6	5.344	5.419	0.000	657	1165	0.014	NEO-PENTANE	1.9	R
7	6.283	6.371	0.000	40657	86912	1.029	ISO-PENTANE	2.2	
8	6.899	6.966	0.000	49913	112528	1.347	N-PENTANE	2.2	
9	7.994	8.086	0.000	3376	9167	0.110	CYCLOHEXANE	2.7	
10	9.168	9.276	0.000	4269	12152	0.145		2.9A	CF
11	9.224	9.332	0.000	4951	15695	0.188	2,3-DI-BUTANE	3.2A	CL
12	9.411	9.520	0.000	25521	76991	0.922	2I-PENTANE	2.9	
13	10.168	10.281	0.000	14409	47452	0.568	3I-PENTANE	3.2	
14	11.216	11.326	0.000	39041	138547	1.659	HEXANE	3.5	P
15	13.024	13.129	0.000	1625	6826	0.082	2,2-DI-PENTANE	4.2	CF
16	13.229	13.334	0.000	18825	80598	0.965	M-CYCLO HEXANE	4.2	FL
17	13.547	13.650	0.000	2121	9167	0.110	2,4-DI-PENTANE	4.3	R
18	14.035	14.137	0.000	441	2046	0.024	2,2,3-TI-BUTANE	4.6	
19	15.416	15.514	0.000	21899	109324	1.309	BENZENE	4.8	P
20	15.995	16.091	0.000	796	4021	0.048	3,3-DI-PENTANE	4.8	
21	16.389	16.484	0.000	36448	188360	2.255	CYCLO HEXANE	5.1	
22	17.384	17.477	0.000	10975	53874	0.645	2I-HEXANE	4.8	CF
23	17.555	17.647	0.000	2863	14571	0.176	2,3-DI-PENTANE	4.8	O
24	17.848	17.940	0.000	1993	10357	0.124	1,1 DI-CI-PENTANE	5.1	CL
25	18.355	18.457	0.000	10706	53735	0.643	3-I-HEXANE	5.0	
26	19.069	19.159	0.000	3116	16262	0.195	CI,3DI-CI-PEN	5.1	
27	19.397	19.487	0.000	2871	14991	0.179	TI,3-DI-CYCLOHEXANE	5.1	CF
28	19.565	19.654	0.000	692	3538	0.042		5.3	O
29	19.717	19.806	0.000	4649	25096	0.300	3-ETHI-HEXANE	5.1	O
30	19.928	20.016	0.000	13954	74583		ISO-OCTANE	5.1	CL
31	21.352	21.438	0.000	26431	145022	1.736	N-HEPTANE	5.4	
32	23.733	23.745	0.000	18831	40528	0.485		3.5A	CF
33	23.819	23.828	0.000	43722	187686	2.247	M-CYCLO HEXANE	3.8A	FL
34	24.173	24.179	0.000	1918	10408	0.125	2,2-DI-HEXANE	5.3	R

Peak	RT mins	RT Corr	RT Val	Hght	W	Area	Uts	W%	Peak name	Width	Type
35	25.285	25.280	0.000	1685		10364		0.124	EIHL CICHENINE	5.3	CF
36	25.507	25.499	0.000	1524		8763		0.105	2,5-DM HEPTANE	5.3	O
37	25.755	25.744	0.000	1788		9858		0.118	2,4-DM HEPTANE	5.3	CL
38	26.459	26.441	0.000	1248		6902		0.083	1T,2C,4-DM CICHENINE	5.4	CF
39	26.661	26.641	0.000	618		3555		0.043	3,3-DM HEPTANE	5.6	CL
40	27.435	27.407	0.000	1058		6059		0.073	1,12,C3-DM CICHENINE	5.6	
41	27.827	27.795	0.000	129		734		0.009	2,3,4-DM HEPTANE	5.4	
42	28.333	28.296	0.000	27821		86629		1.061		5.8A	CF
43	28.397	28.359	0.000	43638		197546		2.365	TOLUENE	4.2A	CL
44	29.357	29.318	0.000	1524		8859		0.106	2,3-DM HEPTANE	5.6	CF
45	29.507	29.467	0.000	208		1150		0.014	2M,3ET HEPTANE	6.4A	CF
46	30.216	30.176	0.000	8993		49736		0.595	2-M HEPTANE	5.4	CF
47	30.408	30.367	0.000	2809		14087		0.169	4M-HEPTANE	4.8	CL
48	31.251	31.209	0.000	6943		36152		0.457	3M - HEPTANE	6.1A	CF
49	31.376	31.334	0.000	8706		53337		0.639	3,4-DM HEPTANE	6.1	O
50	31.624	31.582	0.000	3454		19554		0.234	CL,3M-CHEPTANE	5.4	CL
51	32.360	32.317	0.000	1476		8775		0.105	TL,3M-CHEPTANE	5.6	
52	32.739	32.695	0.000	192		1040		0.012		5.4	CF
53	32.899	32.855	0.000	395		2294		0.027	2,2,4-DM HEPTANE	5.6	CL
54	33.192	33.148	0.000	360		2003		0.024		5.6	CF
55	33.360	33.316	0.000	768		4650		0.056	1-ET,2-M CHEPTANE	5.9	CL
56	33.648	33.603	0.000	187		1048		0.013	C-1,4-DM CHEPTANE	5.4	
57	34.019	33.973	0.000	3710		22109		0.265	TL,3M-CHEPTANE	5.6	
58	34.984	34.938	0.000	21671		141637		1.696	N-OCTANE	6.1	
59	36.848	36.807	0.000	95		526		0.006	2,4-DM HEPTANE	5.6	
60	37.168	37.128	0.000	174		971		0.012	USES, C-9	5.4	
61	37.405	37.366	0.000	88		497		0.006	2,2-DM HEPTANE	5.6	
62	37.651	37.612	0.000	611		3447		0.041	4,4-DM HEPTANE	5.4	
63	38.213	38.176	0.000	1786		11514		0.138	USES, C-9	5.8	P
64	38.461	38.425	0.000	67		279		0.003	USES, C-9	4.5	R
65	38.941	38.905	0.000	7657		46947		0.596	EIHL CICHENINE	6.1	CF
66	39.112	39.074	0.000	2738		15782		0.189	USES C-9	5.8	CL
67	39.389	39.345	0.000	49		255		0.003	2,5-DM HEPTANE	5.3	
68	39.672	39.622	0.000	1748		10338		0.124	3,3-DM HEPTANE	5.8	CF
69	40.000	39.944	0.000	2912		17189		0.206	3,5-DM HEPTANE	5.6	O
70	40.213	40.153	0.000	475		3962		0.047	1,1,4M-CHEX	7.0A	O
71	40.371	40.307	0.000	109		600		0.007		5.4A	O
72	40.547	40.480	0.000	173		1003		0.012	1,2,4M-CHEX	6.1A	O
73	40.597	40.529	0.000	117		364		0.005		8.6A	O
74	40.749	40.678	0.000	104		626		0.007	USES, C-9	5.9	CL
75	41.371	41.287	0.000	4719		31672		0.379	EIHLBENZENE	5.9	CF
76	41.528	41.441	0.000	43		122		0.001		4.6	R
77	41.752	41.661	0.000	1141		6997		0.084	USES, C-9	6.1	CL
78	42.048	41.951	0.000	156		839		0.010	NAFTEN 9	6.4A	CF
79	42.112	42.014	0.000	86		210		0.003		6.1A	O
80	42.280	42.178	0.000	92		544		0.007		5.8	CL
81	42.571	42.463	0.000	15357		44577		0.534		4.8A	CF
82	42.624	42.516	0.000	22379		125660		1.503	M XYLENE	5.4A	O
83	42.744	42.636	0.000	9503		55537		0.665	P XYLENE	5.8A	CF
84	43.056	42.949	0.000	218		1088		0.013		5.1A	FO
85	43.165	43.059	0.000	261		1438		0.017	1,1,3M-CHEX	5.1A	FO
86	43.339	43.233	0.000	520		2936		0.035	USES, C-9	5.4A	FO
87	43.451	43.346	0.000	482		2788		0.033	3,4-DM HEPTANE	5.4A	FO

Peak	RT mins	RT Corr	RT Val	Hght	W	Area	UAs	Wt%	Peak name	Width	Type
88	43.856	43.752	0.000	3269		18497		0.221	2-M OCTANE	5.8	CF
89	44.000	43.897	0.000	4591		25602		0.307	4-M OCTANE	5.4	CL
90	44.472	44.371	0.000	218		1313		0.016	3-ET HEPTANE	5.9	
91	44.707	44.606	0.000	642		3545		0.042		5.4A	CF
92	44.893	44.794	0.000	4325		28645		0.343	USPES.C-9	6.1	HCL
93	45.053	44.954	0.000	18		41		4.954E-4	3M OCTANE	3.7	R
94	45.576	45.479	0.000	9785		64064		0.767	O-XYLENE	5.8	P
95	45.795	45.699	0.000	9		17		2.090E-4		2.2A	R
96	45.965	45.870	0.000	92		413		0.005		5.0	FO
97	46.085	45.991	0.000	35		184		0.002		4.2A	FO
98	46.355	46.261	0.000	731		4180		0.050		5.8A	CF
99	46.504	46.411	0.000	2758		15620		0.189	USPES.C9	5.4	CL
100	46.795	46.703	0.000	1670		9990		0.120	USPES. C-9	5.8	
101	47.123	47.032	0.000	79		370		0.004		4.8	
102	47.304	47.214	0.000	130		733		0.009	USP.C-9	5.9	CF
103	47.373	47.284	0.000	47		97		0.001	HEPHE. C-9	5.1A	CL
104	48.032	47.945	0.000	499		2996		0.036	1,2,3,4-CHEX	5.6	CF
105	48.429	48.344	0.000	20749		119291		1.428	N-NOVANE	5.4	O
106	48.571	48.486	0.000	47		115		0.001		7.0A	O
107	48.795	48.711	0.000	1571		10023		0.120		6.1	O
108	49.112	49.029	0.000	582		4187		0.050		7.2	O
109	49.331	49.249	0.000	71		371		0.004		5.3	CL
110	49.589	49.508	0.000	989		5250		0.063		5.1	CF
111	49.768	49.688	0.000	90		442		0.005		6.1A	O
112	49.995	49.915	0.000	957		7549		0.090		7.0	O
113	50.211	50.132	0.000	1176		6359		0.076		5.4	O
114	50.283	50.204	0.000	354		1639		0.020		9.0A	O
115	50.528	50.451	0.000	1048		6011		0.072		5.4	O
116	50.695	50.619	0.000	616		3900		0.040		5.4A	O
117	50.749	50.673	0.000	350		1335		0.016		8.0A	O
118	50.939	50.863	0.000	109		589		0.007		5.1A	CL
119	51.149	51.074	0.000	626		3093		0.037		5.1	CF
120	51.280	51.206	0.000	1425		3039		0.036		3.5A	O
121	51.360	51.286	0.000	4517		21276		0.255		4.8A	FO
122	51.515	51.441	0.000	222		985		0.012		4.6	R
123	51.725	51.653	0.000	876		5533		0.066		4.8A	O
124	51.891	51.819	0.000	220		807		0.010		8.3A	CL
125	52.205	52.135	0.000	3499		17999		0.216		4.8	CF
126	52.323	52.252	0.000	608		3205		0.039		6.7A	O
127	52.533	52.464	0.000	256		1998		0.023		7.7A	O
128	52.725	52.657	0.000	2742		17488		0.209		5.4	O
129	52.941	52.873	0.000	879		4386		0.053		5.1	O
130	53.147	53.080	0.000	104		398		0.005		7.7A	O
131	53.483	53.417	0.000	5680		29576		0.354		5.0	O
132	53.675	53.610	0.000	2681		14300		0.171		5.0	HCL
133	53.880	53.816	0.000	4		8		9.604E-5		2.2A	FO
134	54.136	54.073	0.000	1062		2913		0.035		5.1A	CF
135	54.240	54.177	0.000	6627		34279		0.410		5.1A	FO
136	54.432	54.370	0.000	75		253		0.003		3.5A	FO
137	54.525	54.464	0.000	175		844		0.010		5.3	FO
138	54.704	54.643	0.000	1654		8542		0.102		5.0	O
139	54.872	54.812	0.000	3726		16945		0.203		4.3	O
140	55.117	55.058	0.000	5649		29324		0.351		4.6	FO

Peak	RT mins	RT Corr	RT Val	Hght uV	Area uVs	Wt%	Peak name	Width	Type
141	55.293	55.235	0.000	30	74	8.821E-4		3.4	R
142	55.419	55.361	0.000	699	3751	0.045		4.6	O
143	55.712	55.655	0.000	4169	21558	0.258		4.6	O
144	55.019	55.963	0.000	475	2843	0.034		5.6	O
145	55.168	55.113	0.000	72	305	0.004		4.2A	O
146	55.331	55.276	0.000	117	475	0.006		8.0A	O
147	55.528	55.474	0.000	9184	44977	0.539		4.8	O
148	55.656	55.603	0.000	1591	7561	0.091		4.5A	O
149	55.912	55.860	0.000	1426	7305	0.087		5.0	O
150	57.077	57.026	0.000	148	570	0.007		4.5A	O
151	57.304	57.253	0.000	155	694	0.008		4.5	CL
152	57.677	57.628	0.000	286	1465	0.018		4.8	CF
153	57.843	57.794	0.000	418	1269	0.015		5.4A	O
154	57.877	57.829	0.000	516	2426	0.029		5.1A	O
155	58.200	58.153	0.000	21136	99862	1.196		4.5	FL
156	58.435	58.388	0.000	31	93	0.001		5.1A	FO
157	58.536	58.490	0.000	22	38	4.510E-4		4.8A	FO
158	58.733	58.688	0.000	83	370	0.004		4.0	
159	58.973	58.929	0.000	57	212	0.003		3.7	CF
160	59.101	59.058	0.000	31	112	0.001		3.7	CL

Totals			
Unknowns	0	0	NA
Quantified	843198	3531535	41.361
Grand Total	843198	3531535	41.361

MISSING PEAKS

RT mins	Peak name
3.860	MEPN
7.443	DM-RORPENSING
7.852	2,2-DM BUPNE
19.795	TL,2-DM CICOPEPINE
30.953	CL,2DM CUREX
31.375	3-M HEPINE
31.750	TL,4-DM-CICLOPINE
32.422	1,1-DM-CHEPNE
32.922	CL,2-M,ET HEPINE
33.391	TL,2-DM CHEPNE
35.720	USPES. C-9
36.031	CL,2-DM CHEPNE
41.734	USPES. C-9
43.422	2,3-DM HEPINE
43.953	2M CUPNE
46.469	N-BUTYLCPNE

Injection Report

Acquired on 19-AUG-1992 at 13:39

Norsk Hydro Research Centre

Analyst Name : tone
 Lims Id :
 Comment : 6507/2-2 cond.
 Method Title : C10- ANALYSE
 Sample Name : 6507/2-2 test 2 condensate
 Sample Id :
 Sample Type : Sample Amount=1.00000
 Bottle No : 2

PEAK INFORMATION

Peak	RT mins	RT Corr	RT Val	Hght	W	Area	W%	Peak name	Width	Type
1	4.373	4.375	0.000	14		21	2.3785-4	ETHANE	1.6	
2	4.605	4.607	0.000	3728		6258	0.071	PROPANE	1.8	
3	4.963	4.965	0.000	5773		10084	0.114	ISO-BUTANE	1.8	
4	5.267	5.269	0.000	16823		31148	0.353	N-BUTANE	1.9	P
5	5.421	5.424	0.000	253		471	0.005	NEO-PENTANE	1.9	R
6	6.371	6.374	0.000	21132		46190	0.523	ISO-PENTANE	2.2	
7	6.963	6.966	0.000	28005		65224	0.739	N-PENTANE	2.4	
8	7.459	7.460	0.000	177		458	0.005	DM-FURFENING	2.6	
9	8.093	8.091	0.000	1613		4488	0.051	CYCLOHEXANE	2.7	
10	9.285	9.278	0.000	2683		7568	0.086		2.9A	CF
11	9.341	9.334	0.000	3126		10259	0.116	2,3-DIMETHYLBUTANE	3.5A	O
12	9.528	9.519	0.000	16570		52229	0.592	2-METHYLBUTANE	3.0	FL
13	10.293	10.281	0.000	9731		33252	0.377	3-METHYLBUTANE	3.4	P
14	11.347	11.313	0.000	29122		105215	1.203	HEXANE	3.5	
15	13.179	13.133	0.000	1059		4542	0.051	2,2-DIMETHYLBUTANE	4.2	CF
16	13.381	13.334	0.000	15270		67708	0.767	M-CYCLOHEXANE	4.3	FL
17	13.701	13.652	0.000	1537		6783	0.077	2,4-DIMETHYLBUTANE	4.3	R
18	14.200	14.147	0.000	320		1497	0.017	2,2,3-TRIMETHYLBUTANE	4.5	
19	15.987	15.525	0.000	2622		13394	0.152	BENZENE	5.0	
20	16.165	16.100	0.000	583		2936	0.033	3,3-DIMETHYLBUTANE	5.0	
21	16.552	16.484	0.000	27350		142025	1.609	CYCLOHEXANE	5.0	P
22	17.552	17.479	0.000	9158		45533	0.516	2-METHYLPENTANE	4.8	CF
23	17.725	17.651	0.000	2851		15050	0.170	2,3-DIMETHYLBUTANE	5.0	O
24	18.024	17.948	0.000	1863		10054	0.114	1,1-DIMETHYLBUTANE	5.1	CL
25	18.535	18.457	0.000	9476		49120	0.556	3-METHYLPENTANE	5.0	P
26	19.248	19.165	0.000	4038		21851	0.248	1,3-DIMETHYLBUTANE	5.1	CF
27	19.573	19.489	0.000	3718		20314	0.230	2,1,3-DIMETHYLBUTANE	5.3	O
28	19.739	19.653	0.000	730		3860	0.044		6.1	O
29	19.896	19.809	0.000	6143		34758	0.394	3-ETHYLPENTANE	5.4	O
30	20.104	20.016	0.000	14982		82997		ISO-OCTANE	5.1	FL
31	21.533	21.438	0.000	30508		175270	1.985	N-HEPTANE	5.6	P
32	23.955	23.759	0.000	30752		96370	1.091		5.4A	CF
33	24.027	23.828	0.000	51032		218358	2.473	M-CYCLOHEXANE	3.5A	FL
34	24.353	24.168	0.000	2601		14511	0.165	2,2-DIMETHYLBUTANE	5.3	FO

Peak	RT mins	RT Corr	RT Val	Hght	UV	Area	uS	W%	Peak name	Width	Type
35	24.507	24.314	0.000	13		12		1.335E-4		3.5A	FO
36	25.467	25.285	0.000	2918		16348		0.185	ETHYL CYCLOHEXANE	5.4	CF
37	25.685	25.506	0.000	1646		10261		0.116	2,5-DM HEPTANE	5.4	O
38	25.928	25.751	0.000	2073		11967		0.136	2,4-DM HEPTANE	5.4	CL
39	25.640	25.471	0.000	2187		12589		0.143	1,2,3,4-THM CYCLOHEXANE	5.6	CF
40	26.837	26.671	0.000	706		4278		0.048	3,3-DM HEPTANE	5.8	FCL
41	27.613	27.456	0.000	2228		13074		0.148	1,1,2,3-THM CYCLOHEXANE	5.6	
42	28.005	27.852	0.000	320		1909		0.022	2,3,4-THM HEPTANE	5.8	
43	28.507	28.359	0.000	17829		111892		1.267	TOLUENE	5.8	P
44	29.533	29.372	0.000	2059		13159		0.149	2,3-DM HEPTANE	6.1	CF
45	29.680	29.516	0.000	383		2144		0.024	2M,3ET HEPTANE	6.4A	CL
46	30.369	30.216	0.000	12152		70442		0.798	2-M HEPTANE	5.6	CF
47	30.579	30.402	0.000	3955		22554		0.255	4M-HEPTANE	5.3	O
48	30.763	30.584	0.000	496		2687		0.030		8.3A	CL
49	31.432	31.244	0.000	7979		48862		0.554	3 M HEPTANE	6.7A	CF
50	31.573	31.383	0.000	13073		86511		0.980	3,4-DM HEPTANE	6.4	O
51	31.811	31.617	0.000	5773		33011		0.374	1,3-DM-CHEPTANE	5.4	CL
52	32.549	32.345	0.000	2054		12621		0.143	1,3-DM CHEPTANE	5.8	P
53	32.907	32.697	0.000	215		1157		0.013		5.3	CF
54	33.072	32.860	0.000	917		5401		0.061	2,2,4-THM HEPTANE	5.6	CL
55	33.368	33.152	0.000	825		4642		0.053		5.6	CF
56	33.539	33.321	0.000	1882		11750		0.133	1-ET,2-M CHEPTANE	5.9	O
57	33.827	33.605	0.000	301		1806		0.020	2,4-DM CHEPTANE	5.8	CL
58	34.208	33.980	0.000	6485		38744		0.439	1,3-DM-CHEPTANE	5.8	
59	35.179	34.938	0.000	31423		224157		2.539	N-CHEPTANE	6.6	P
60	35.027	35.790	0.000	17		25		2.865E-4	USPES. C-9	2.9A	CF
61	35.147	35.910	0.000	278		1324		0.015	1,2-DM CHEPTANE	5.8A	O
62	35.184	35.948	0.000	261		1276		0.014		9.6A	CL
63	37.024	36.792	0.000	202		1182		0.013	2,4-DM HEPTANE	5.8	
64	37.328	37.097	0.000	249		1410		0.016	USPES. C-9	5.6	CF
65	37.573	37.344	0.000	302		1791		0.020	2,2-DM HEPTANE	5.9	O
66	37.811	37.582	0.000	832		4730		0.054	4,4-DM HEPTANE	5.6	CL
67	38.376	38.151	0.000	2937		19943		0.226	USPES. C-9	5.9	P
68	38.629	38.405	0.000	54		191		0.002	USPES. C-9	4.2	R
69	39.128	38.905	0.000	11592		78117		0.885	ETHYL CYCLOHEPTANE	6.4	CF
70	39.269	39.047	0.000	4021		23565		0.267	USPES C-9	6.1A	FCL
71	39.557	39.335	0.000	134		729		0.008	2,5-DM HEPTANE	5.4	R
72	39.848	39.625	0.000	3436		20697		0.234	3,3-DM HEPTANE	5.8	CF
73	40.163	39.939	0.000	3645		22225		0.252	3,5-DM HEPTANE	5.8	O
74	40.371	40.147	0.000	600		3355		0.038	1,1,4TH-CHEX	7.4A	O
75	40.531	40.306	0.000	294		1724		0.020		6.1A	O
76	40.707	40.482	0.000	420		3262		0.037	1,2,4TH-CHEX	7.5	O
77	40.912	40.687	0.000	267		1675		0.019	USPES. C-9	6.2	CL
78	41.536	41.310	0.000	2721		18253		0.207	ETHYLBENZENE	6.6	CF
79	41.659	41.432	0.000	1169		6638		0.077	USPES. C-9	7.0A	O
80	41.915	41.688	0.000	2095		13133		0.149	USPES. C-9	5.9	O
81	42.211	41.983	0.000	357		1630		0.018	NAPHTH 9	6.4A	O
82	42.232	42.005	0.000	312		940		0.011		7.4A	O
83	42.440	42.212	0.000	177		1049		0.012		5.9	CL
84	42.744	42.516	0.000	13001		84302		0.955	M XYLENE	6.2	CF
85	42.863	42.634	0.000	4755		41388		0.469	P XYLENE	11.8A	O
86	43.205	42.976	0.000	343		1930		0.022		5.8A	O
87	43.312	43.082	0.000	393		2224		0.025	1,1,3TH-CHEX	5.4A	O

Peak	RT mins	RT Corr	RT Val	Hgt	W	Area	u/s	WT%	Peak name	Width	Type
88	43.507	43.276	0.000	879		5133		0.058	USERS.G-9	6.1A	O
89	43.582	43.362	0.000	762		4408		0.050	3,4-DM-HEPTANE	6.7A	O
90	43.819	43.588	0.000	100		513		0.006		5.4	O
91	44.008	43.776	0.000	4316		25383		0.287		6.2	O
92	44.152	43.920	0.000	6326		36172		0.410	4-M-OCIPNE	5.6	O
93	44.507	44.274	0.000	42		146		0.002		6.7A	O
94	44.627	44.394	0.000	361		2193		0.025	3-ET-HEPTANE	6.7A	O
95	44.853	44.620	0.000	872		4702		0.053		5.4A	O
96	45.040	44.805	0.000	6245		40711		0.461	USERS.G-9	6.1	R
97	45.200	44.966	0.000	75		239		0.003	3M-OCIPNE	4.0	R
98	45.584	45.349	0.000	381		909		0.010		4.2A	O
99	45.723	45.487	0.000	6321		43258		0.490	O-NEPNE	5.8	R
100	45.952	45.716	0.000	37		103		0.001		4.2	R
101	46.093	45.857	0.000	76		317		0.004		4.5	O
102	46.229	45.992	0.000	50		146		0.002		4.8A	O
103	46.243	46.005	0.000	42		68		7.683E-4		4.5A	O
104	46.504	46.266	0.000	1352		8199		0.093		6.1A	O
105	46.656	46.418	0.000	4794		27471		0.311	USERS.C9	5.4	O
106	46.944	46.705	0.000	2845		17745		0.201	USERS. G-9	5.9	R
107	47.264	47.024	0.000	198		1126		0.013		5.4	O
108	47.440	47.200	0.000	282		1618		0.018	USP.G-9	5.4A	O
109	47.576	47.336	0.000	59		226		0.003	HEPNE. G-9	9.6A	O
110	48.176	47.934	0.000	630		3972		0.045	1,2,3IM-CHEX	5.8	O
111	48.539	48.296	0.000	20869		65286		0.739		5.1A	O
112	48.587	48.344	0.000	30054		129973		1.427	N-NDPNE	3.5A	O
113	48.936	48.692	0.000	2852		18243		0.207		6.1	O
114	49.267	49.022	0.000	937		6716		0.076		7.0	O
115	49.472	49.227	0.000	150		813		0.009		5.3	O
116	49.717	49.472	0.000	858		4771		0.054		5.3	O
117	50.019	49.772	0.000	428		1328		0.015		5.8A	O
118	50.125	49.879	0.000	1843		10618		0.120		6.7A	O
119	50.339	50.091	0.000	2090		11710		0.133		5.6	O
120	50.413	50.166	0.000	665		2238		0.025		7.7A	O
121	50.640	50.392	0.000	1604		9427		0.107		5.6	O
122	50.827	50.578	0.000	916		4673		0.053		5.4A	O
123	50.869	50.621	0.000	639		2185		0.025		7.4A	O
124	51.064	50.815	0.000	164		872		0.010		6.2	O
125	51.272	51.022	0.000	1062		5470		0.062		5.4	O
126	51.397	51.147	0.000	1738		4350		0.049		4.5A	O
127	51.485	51.235	0.000	6854		32301		0.366		4.8A	O
128	51.643	51.392	0.000	345		1478		0.017		4.5	O
129	51.872	51.621	0.000	1117		10627		0.120		9.9	O
130	51.989	51.738	0.000	404		2277		0.026		11.5A	O
131	52.317	52.065	0.000	5035		26194		0.297		5.0	O
132	52.427	52.174	0.000	1101		5608		0.064		6.4A	O
133	52.640	52.387	0.000	410		2381		0.027		9.0A	O
134	52.840	52.586	0.000	1948		12576		0.142		5.9	O
135	53.045	52.791	0.000	1998		10721		0.121		4.8	O
136	53.224	52.970	0.000	152		722		0.008		4.8A	O
137	53.341	53.087	0.000	205		1083		0.012		6.4A	O
138	53.584	53.329	0.000	2050		10795		0.122		5.0	O
139	53.779	53.523	0.000	410		2147		0.024		5.1	O
140	54.221	53.964	0.000	442		920		0.010		3.8A	O

Peak	RT mins	RT Corr	RT Val	Hght	W	Area	U/S	W%	Peak name	Width	Type
141	54.384	54.127	0.000	933		3793		0.043		5.1A	CL
142	54.797	54.539	0.000	1033		4555		0.052		4.3	CF
143	54.957	54.699	0.000	2076		9290		0.105		4.3	O
144	55.197	54.938	0.000	1494		6548		0.074		4.3	CL
145	55.507	55.247	0.000	26		98		0.001		4.3	
146	55.792	55.531	0.000	55		217		0.002		4.0	
Totals											
Unknowns				0		0		NA			
Quantified				662112		3165608		34.913			
Grand Total				662112		3165608		34.913			

MISSING PEAKS

RT mins	Peak name
3.860	MEPRN
7.852	2,2-DM BUPNE
19.795	TI,2-DM CICOPIPRNE
30.953	CI,2DM CHEX
31.375	3-M HEPINE
31.750	TI,4-DM CICOHEPNE
32.422	1,1-DM CHEPNE
32.922	CI,2-M,ET HEPINE
33.391	TI,2-DM CHEPNE
43.422	2,3-DM HEPINE
43.953	2M COPIRE
46.469	N-EUTM,CYPRNE

ANALYSIS SUMMARY

Method..... PVT
 Run sequence..... PVT
 Calibration..... PVT0792
 Internal standard calibration using area
 Calibration last modified on 24-JUN-1992 at 13:02
 Uncalibrated peaks use user factor (1.0000)

CONDENSATES WELL 6507/2-2



DST 1 (1A) - 3285 - 3294m mdRKB

DST 2 - 2820 - 2831m md RKB

TABLE 3. IATROSCAN GROUP TYPE COMPOSITION

CONDENSATE	% SAT	% ARO	% NSO	% ASPH
DST 1	78.5	19.8	1.0	0.7
DST 2	78.2	20.6	0.9	0.3

TABLE 4. PARAMETERS SAT-FRACTION (MPLC)

CONDENSATE	Pr /nC17	Pr /Ph	CP1 1	CP1 2
DST 1	0.59	1.52	1.08	0.95
DST 2	0.71	1.94	1.19	0.96

TABLE 5. BIOMARKER RATIOS (MSD)

CONDENSATE	TRITERPANES MZ 191						STERANES Z 217	
	Ts/ Tm	NOR/ NOR+HOP	BNOR/ BNOR+NOR	MORETAN/ HOPAN	% 22S BISHOMOHOOP	25-NORHOP/ HOPAN	20S % aaa	20S+R % abb
DST 1	1.3	0.36	0.11	0.14	57	0.13	64	56
DST 2	0.8	0.40	0.25	0.16	57	0.05	32	35

TABLE 6. ISOTOPE VALUES ($\delta^{13}C$) GROUP TYPE FRACTIONS MPLC

CONDENSATE	WHOLE OIL	SAT	ARO	NSO	ASPH
DST 1	-28.01	-28.52	-27.13	-27.52	-
DST 2	-27.03	-27.03	-27.69	-27.61	-