

TABLE 8
COMPOSITION (NORMALISED %) OF C₁₅₊ SATURATE (PARAFFIN - NAPHTHENE) HYDROCARBONS

GEOCHEM SAMPLE NUMBER	001	002	003	004	005	006
DEPTH	2850.5m	2851m	2851.5m	2852m	2852.5m	2853m
SAMPLE TYPE						
nC15	10.68	11.65	9.37	8.52	8.46	9.23
nC16	10.74	10.29	10.35	10.15	9.66	10.63
nC17	9.81	9.06	10.60	9.91	9.19	10.26
nC18	10.30	9.40	10.93	10.68	10.04	9.96
nC19	8.78	8.87	9.55	9.53	9.04	9.13
nC20	8.54	8.51	8.88	9.45	8.98	8.85
nC21	7.73	7.36	7.46	8.28	8.18	7.93
nC22	7.01	6.76	6.66	7.15	7.01	7.08
nC23	6.11	6.03	6.16	6.15	5.90	5.90
nC24	5.25	5.30	5.18	5.12	5.33	5.19
nC25	4.25	4.44	4.12	4.46	4.54	4.32
C26	3.45	3.47	3.20	3.51	3.63	3.24
nC27	2.51	2.80	2.45	2.51	2.71	2.53
nC28	1.61	1.93	1.58	1.60	2.06	1.83
nC29	1.24	1.57	1.34	1.20	1.70	1.49
nC30	0.71	1.00	0.74	0.68	1.13	0.88
nC31	0.62	0.61	0.71	0.55	1.23	0.77
nC32	0.28	0.41	0.30	0.22	0.50	0.34
nC33	0.19	0.34	0.26	0.18	0.41	0.25
nC34	0.12	0.12	0.11	0.10	0.19	0.14
nC35	0.06	0.09	0.06	0.05	0.13	0.06
Paraffin	15.54	17.14	21.52	22.03	24.23	22.96
Isoprenoid	2.02	2.27	3.58	4.03	4.12	4.28
Naphthene	82.44	80.59	74.90	73.94	71.65	72.76
CPI 1 Index	1.02	1.02	1.03	1.04	1.02	1.02
CPI 2 Index	1.10	1.09	1.14	1.13	1.11	1.13
PI 3 Index	0.99	1.04	1.03	0.98	0.95	1.00
Prist/Phytane	2.24	2.00	1.88	1.95	1.93	2.07
Prist/nC17	0.59	0.69	0.70	0.78	0.84	0.80
Phytane/nC18	0.25	0.33	0.36	0.37	0.40	0.40

Job Number : 9291

$$C.P.I. 1 = \frac{1}{2} \left[\frac{C_{21} + C_{23} + C_{25} + C_{27}}{C_{20} + C_{22} + C_{24} + C_{26}} + \frac{C_{21} + C_{23} + C_{25} + C_{27}}{C_{22} + C_{24} + C_{26} + C_{28}} \right]$$

$$C.P.I. 2 = \frac{1}{2} \left[\frac{C_{25} + C_{27} + C_{29} + C_{31}}{C_{24} + C_{26} + C_{28} + C_{30}} + \frac{C_{25} + C_{27} + C_{29} + C_{31}}{C_{26} + C_{28} + C_{30} + C_{32}} \right]$$

$$I. 3 = \frac{2 \times (C_{27})}{C_{26} + C_{28}}$$

CT - ditch cuttings CO - core SWC - sidewall core

TABLE 8
COMPOSITION (NORMALISED %) OF C₁₅₊ SATURATE (PARAFFIN - NAPHTHENE) HYDROCARBONS

GEOCHEM SAMPLE NUMBER	007	008	009	010	011	012
DEPTH	2853.25m	2853.75m	2854.5m	2855m	2855.5m	2856m
SAMPLE TYPE						
nC15	6.47	8.27	10.08	14.05	5.59	8.22
nC16	8.50	8.86	10.82	12.70	7.54	10.36
nC17	9.22	9.42	10.50	10.98	8.41	10.84
nC18	9.72	9.87	9.99	9.53	9.76	12.09
nC19	9.67	9.56	9.17	8.81	9.16	9.94
nC20	9.62	9.24	8.23	7.87	9.33	9.19
nC21	8.88	8.36	7.22	6.57	8.15	8.36
nC22	7.72	8.07	6.50	6.20	7.74	7.04
nC23	6.76	6.96	5.66	5.57	7.01	6.08
nC24	6.03	5.63	5.16	4.52	6.36	4.83
nC25	4.62	4.51	3.95	3.68	4.84	3.73
nC26	3.88	3.63	3.42	2.81	4.10	2.90
nC27	2.83	2.48	2.81	2.22	3.65	2.07
nC28	2.11	1.58	2.01	1.44	2.35	1.31
nC29	1.52	1.35	1.58	1.07	2.04	1.11
nC30	0.92	0.74	1.05	0.67	1.32	0.69
nC31	0.77	0.70	0.90	0.59	1.23	0.55
nC32	0.32	0.29	0.43	0.28	0.61	0.28
nC33	0.25	0.25	0.30	0.20	0.47	0.21
nC34	0.12	0.12	0.15	0.10	0.18	0.14
nC35	0.07	0.11	0.07	0.11	0.14	0.07
Paraffin	21.63	12.81	22.11	19.27	21.63	19.73
Isoprenoid	3.25	1.57	3.77	3.67	2.81	3.36
Naphthene	75.12	85.62	74.12	77.06	75.56	76.91
CPI 1 Index	1.01	1.01	1.00	1.02	1.01	1.05
CPI 2 Index	1.05	1.11	1.07	1.13	1.12	1.10
CPI 3 Index	0.94	0.95	1.04	1.04	1.13	0.98
Prist/Phytane	1.79	1.85	1.83	2.16	1.58	2.09
Prist/nC17	0.83	0.57	0.81	0.73	0.76	0.57
Phytane/nC18	0.44	0.30	0.47	0.39	0.41	0.25

Job Number : 9291

$$C.P.I. 1 = \frac{1}{2} \left[\frac{C_{21} + C_{23} + C_{25} + C_{27}}{C_{20} + C_{22} + C_{24} + C_{26}} + \frac{C_{21} + C_{23} + C_{25} + C_{27}}{C_{22} + C_{24} + C_{26} + C_{28}} \right]$$

$$C.P.I. 2 = \frac{1}{2} \left[\frac{C_{25} + C_{27} + C_{29} + C_{31}}{C_{24} + C_{26} + C_{28} + C_{30}} + \frac{C_{25} + C_{27} + C_{29} + C_{31}}{C_{26} + C_{28} + C_{30} + C_{32}} \right]$$

$$C.P.I. 3 = \frac{2 \times (C_{27})}{C_{26} + C_{28}}$$

CT - ditch cuttings CO - core SWC - sidewall core

TABLE 8
COMPOSITION (NORMALISED %) OF C₁₅₊ SATURATE (PARAFFIN - NAPHTHENE) HYDROCARBONS

GEOCHEM SAMPLE NUMBER	013	014	015	016	017	018
DEPTH	2856.5m	2857m	2857.5m	2858m	2858.5m	2859.25m
SAMPLE TYPE						
nC15	8.14	9.71	8.23	9.91	5.88	10.24
nC16	9.65	9.47	10.38	10.17	7.36	10.17
nC17	9.87	9.67	10.61	10.17	7.83	9.45
nC18	10.91	9.53	10.69	10.60	8.21	9.12
nC19	9.83	8.63	9.54	9.45	8.74	8.23
nC20	8.59	8.60	9.31	8.76	9.13	7.80
nC21	8.32	7.78	8.23	7.68	7.95	7.37
nC22	7.22	6.94	7.08	6.87	7.60	6.75
nC23	6.24	6.25	6.35	6.08	7.31	6.58
nC24	5.24	5.17	5.35	5.33	6.34	5.14
nC25	4.08	4.68	4.15	4.38	5.65	4.64
nC26	3.43	3.79	3.38	3.34	4.83	3.69
nC27	2.81	3.04	2.31	2.52	3.78	2.96
nC28	1.79	2.13	1.50	1.54	2.97	1.98
nC29	1.45	1.66	1.12	1.21	2.40	1.74
nC30	0.84	1.04	0.69	0.75	1.47	1.12
nC31	0.80	0.80	0.54	0.62	1.22	1.32
nC32	0.35	0.44	0.23	0.26	0.59	0.56
nC33	0.26	0.33	0.18	0.20	0.45	0.49
nC34	0.12	0.22	0.09	0.10	0.20	0.40
nC35	0.08	0.11	0.04	0.07	0.09	0.26
Paraffin	21.00	21.29	17.83	20.26	21.04	19.22
Isoprenoid	3.25	3.40	2.82	3.49	2.50	2.76
Naphthene	75.75	75.31	79.35	76.25	76.46	78.02
CPI 1 Index	1.04	1.05	1.03	1.03	1.01	1.07
CPI 2 Index	1.12	1.11	1.07	1.14	1.08	1.17
CPI 3 Index	1.08	1.03	0.95	1.03	0.97	1.04
Prist/Phytane	1.98	2.01	2.21	2.13	1.43	2.20
Prist/nC17	0.73	0.65	0.65	0.64	0.82	0.67
Phytane/nC18	0.33	0.33	0.29	0.29	0.54	0.31

Job Number : 9291

$$C.P.I. 1 = \frac{1}{2} \left[\frac{C_{21} + C_{23} + C_{25} + C_{27}}{C_{20} + C_{22} + C_{24} + C_{26}} + \frac{C_{21} + C_{23} + C_{25} + C_{27}}{C_{22} + C_{24} + C_{26} + C_{28}} \right]$$

$$C.P.I. 2 = \frac{1}{2} \left[\frac{C_{25} + C_{27} + C_{29} + C_{31}}{C_{24} + C_{26} + C_{28} + C_{30}} + \frac{C_{25} + C_{27} + C_{29} + C_{31}}{C_{26} + C_{28} + C_{30} + C_{32}} \right]$$

$$C.P.I. 3 = \frac{2 \times (C_{27})}{C_{26} + C_{28}}$$

CT - ditch cuttings CO - core SWC - sidewall core

TABLE 8
COMPOSITION (NORMALISED %) OF C₁₅₊ SATURATE (PARAFFIN - NAPHTHENE) HYDROCARBONS

GEOCHEM SAMPLE NUMBER	019	020	021	022	023	024
DEPTH	2859.75m	2860.25m	2860.75m	2861m	2861.5m	2862.25m
SAMPLE TYPE						
nC15	7.25	6.77	23.26	26.82	6.94	6.83
nC16	8.21	8.07	20.54	19.38	8.60	8.73
nC17	8.15	8.57	14.25	12.62	8.81	9.42
nC18	9.69	8.78	10.04	10.38	9.70	10.89
nC19	8.57	9.06	5.31	7.37	9.42	10.60
nC20	8.37	8.37	3.95	5.63	9.21	9.50
nC21	8.04	8.18	3.43	3.30	8.20	8.88
nC22	7.27	7.45	3.17	2.30	7.12	7.60
nC23	6.85	7.14	2.72	1.74	6.49	7.00
nC24	6.42	6.45	2.53	1.63	6.12	5.49
nC25	5.35	4.96	2.33	1.45	4.95	4.62
nC26	4.59	4.37	1.88	1.38	3.95	3.32
nC27	3.58	3.53	1.62	1.13	3.19	2.53
nC28	2.51	2.52	1.10	0.96	2.10	1.62
nC29	1.92	2.06	1.10	0.99	1.87	1.14
nC30	1.27	1.32	0.84	0.74	1.09	0.71
nC31	0.95	1.17	0.91	1.03	1.04	0.58
nC32	0.45	0.54	0.45	0.25	0.46	0.23
nC33	0.32	0.38	0.32	0.43	0.41	0.17
nC34	0.17	0.21	0.13	0.25	0.18	0.10
nC35	0.08	0.09	0.10	0.21	0.13	0.06
Paraffin	22.31	20.51	11.73	17.81	21.14	24.35
Isoprenoid	2.84	2.68	2.09	3.48	2.44	3.39
Naphthene	74.85	76.81	86.18	78.71	76.42	72.26
CPI 1 Index	1.02	1.02	1.02	0.96	1.02	1.08
CPI 2 Index	1.07	1.07	1.17	1.18	1.14	1.15
CPI 3 Index	1.01	1.02	1.09	0.97	1.05	1.02
Prist/Phytane	1.75	1.81	3.15	2.89	1.85	1.75
Prist/nC17	0.69	0.74	0.75	0.78	0.70	0.72
Phytane/nC18	0.33	0.40	0.34	0.33	0.35	0.36

Job Number : 9291

$$C.P.I. 1 = \frac{1}{2} \left[\frac{C_{21} + C_{23} + C_{25} + C_{27}}{C_{20} + C_{22} + C_{24} + C_{26}} + \frac{C_{21} + C_{23} + C_{25} + C_{27}}{C_{22} + C_{24} + C_{26} + C_{28}} \right]$$

$$C.P.I. 2 = \frac{1}{2} \left[\frac{C_{25} + C_{27} + C_{29} + C_{31}}{C_{24} + C_{26} + C_{28} + C_{30}} + \frac{C_{25} + C_{27} + C_{29} + C_{31}}{C_{26} + C_{28} + C_{30} + C_{32}} \right]$$

$$C.P.I. 3 = \frac{2 \times (C_{27})}{C_{26} + C_{28}}$$

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TABLE 8
COMPOSITION (NORMALISED %) OF C₁₅₊ SATURATE (PARAFFIN - NAPHTHENE) HYDROCARBONS

GEOCHEM SAMPLE NUMBER	025	026	027	028	029	030
DEPTH	2862.75m	2863.5m	2864m	2864.5m	2865m	2865.5m
SAMPLE TYPE						
nC15	9.73	5.54	15.63	6.22	10.04	33.34
nC16	10.36	6.87	15.02	7.43	11.03	23.83
nC17	10.21	7.08	11.43	7.79	8.47	13.73
nC18	9.30	8.09	9.69	8.19	7.84	6.44
nC19	8.65	6.61	7.74	7.84	6.04	2.18
nC20	8.14	6.49	6.87	7.50	5.57	2.39
nC21	6.93	6.01	6.10	7.56	5.11	2.46
nC22	6.61	5.92	5.38	7.45	4.59	1.65
nC23	5.85	5.58	4.77	6.85	4.88	1.83
nC24	4.91	5.58	4.20	6.23	4.53	1.65
nC25	4.75	5.27	3.54	5.44	5.17	1.62
nC26	3.81	5.02	2.77	4.86	4.88	1.30
nC27	3.08	4.74	2.10	4.04	4.70	1.51
nC28	2.34	4.60	1.44	3.16	3.83	0.88
nC29	1.83	4.65	1.13	2.74	4.18	1.69
nC30	1.41	3.93	0.72	1.96	2.84	0.88
nC31	0.98	3.61	0.82	1.96	2.96	1.34
nC32	0.53	2.00	0.31	1.18	1.63	0.46
nC33	0.37	1.47	0.21	0.85	1.04	0.49
nC34	0.17	0.61	0.10	0.42	0.41	0.15
nC35	0.05	0.31	0.05	0.32	0.29	0.14
Paraffin	17.60	23.93	13.62	20.13	13.60	9.42
Isoprenoid	2.79	2.90	2.20	2.71	2.41	1.41
Naphthene	79.61	73.17	84.18	77.16	83.99	89.17
CPI 1 Index	1.02	0.98	1.03	1.01	1.06	1.21
CPI 2 Index	1.08	1.07	1.14	1.07	1.17	1.53
CPI 3 Index	1.00	0.99	1.00	1.01	1.08	1.39
Prist/Phytane	1.92	1.87	2.26	1.73	2.05	3.51
Prist/nC17	0.79	0.76	0.47	0.74	0.60	0.76
Phytane/nC18	0.45	0.36	0.24	0.41	0.32	0.46

Job Number : 9291

$$C.P.I. 1 = \frac{1}{2} \left[\frac{C_{21} + C_{23} + C_{25} + C_{27}}{C_{20} + C_{22} + C_{24} + C_{26}} + \frac{C_{21} + C_{23} + C_{25} + C_{27}}{C_{22} + C_{24} + C_{26} + C_{28}} \right]$$

$$C.P.I. 2 = \frac{1}{2} \left[\frac{C_{25} + C_{27} + C_{29} + C_{31}}{C_{24} + C_{26} + C_{28} + C_{30}} + \frac{C_{25} + C_{27} + C_{29} + C_{31}}{C_{26} + C_{28} + C_{30} + C_{32}} \right]$$

$$C.P.I. 3 = \frac{2 \times (C_{27})}{C_{26} + C_{28}}$$

CT - ditch cuttings CO - core SWC - sidewall core

TABLE 8
COMPOSITION (NORMALISED %) OF C₁₅₊ SATURATE (PARAFFIN - NAPHTHENE) HYDROCARBONS

GEOCHEM SAMPLE NUMBER	031	032	033	034	035	036
DEPTH	2866.5m	2867m	2867.5m	2868.25m	2868.75m	2869.5m
SAMPLE TYPE						
nC15	8.69	14.04	8.14	4.50	20.74	5.93
nC16	9.41	12.14	9.38	8.34	20.11	7.35
nC17	9.66	10.33	8.87	8.90	15.74	8.00
nC18	9.65	10.11	8.95	10.16	11.42	9.42
nC19	9.16	8.46	8.40	9.01	6.46	8.98
nC20	8.49	7.26	8.04	9.29	5.18	8.85
nC21	7.50	6.85	6.66	8.27	4.03	8.58
nC22	6.93	5.96	6.70	7.44	3.51	7.52
nC23	5.88	5.48	6.33	7.54	2.84	7.35
nC24	5.18	4.79	5.94	6.11	2.18	6.51
nC25	4.27	3.99	4.89	5.34	1.76	5.39
nC26	3.78	3.07	4.49	4.54	1.42	4.39
nC27	3.19	2.38	3.57	3.28	1.15	3.38
nC28	2.39	1.68	2.88	2.30	0.72	2.46
nC29	2.03	1.30	2.18	1.71	0.83	2.09
nC30	1.39	0.82	1.64	1.15	0.50	1.34
nC31	1.17	0.73	1.45	0.98	0.72	1.23
nC32	0.53	0.29	0.64	0.49	0.27	0.46
nC33	0.40	0.16	0.45	0.38	0.23	0.38
nC34	0.17	0.10	0.27	0.15	0.11	0.25
nC35	0.10	0.06	0.14	0.10	0.07	0.15
Paraffin	19.49	18.33	22.05	17.78	18.62	19.27
Isoprenoid	3.20	3.46	3.65	2.46	4.17	3.02
Naphtlene	77.31	78.21	74.30	79.76	77.21	77.71
CPI 1 Index	1.00	1.05	0.96	1.05	1.02	1.04
CPI 2 Index	1.08	1.12	1.03	1.07	1.23	1.11
CPI 3 Index	1.03	1.00	0.97	0.96	1.07	0.99
Prist/Phytane	1.90	2.07	1.91	1.67	2.02	1.61
Prist/nC17	0.78	0.66	0.79	0.64	0.63	0.76
Phytane/nC18	0.41	0.33	0.41	0.34	0.43	0.40

Job Number : 9291

$$C.P.I. 1 = \frac{1}{2} \left[\frac{C_{21} + C_{23} + C_{25} + C_{27}}{C_{20} + C_{22} + C_{24} + C_{26}} + \frac{C_{21} + C_{23} + C_{25} + C_{27}}{C_{22} + C_{24} + C_{26} + C_{28}} \right]$$

$$C.P.I. 2 = \frac{1}{2} \left[\frac{C_{25} + C_{27} + C_{29} + C_{31}}{C_{24} + C_{26} + C_{28} + C_{30}} + \frac{C_{25} + C_{27} + C_{29} + C_{31}}{C_{26} + C_{28} + C_{30} + C_{32}} \right]$$

$$C.P.I. 3 = \frac{2 \times (C_{27})}{C_{26} + C_{28}}$$

CT - ditch cuttings CO - core SWC - sidewall core

TABLE 8
COMPOSITION (NORMALISED %) OF C₁₅₊ SATURATE (PARAFFIN - NAPHTHENE) HYDROCARBONS

GEOCHEM SAMPLE NUMBER	037	038	039	040	041	042
DEPTH	2870m	2870.75m	2871m	2871.25m	2871.5m	2871.75m
SAMPLE TYPE						
nC15	10.96	9.01	10.07	7.66	6.25	5.81
nC16	11.25	11.59	10.32	9.66	7.24	7.17
nC17	10.49	11.67	11.21	8.73	7.89	8.35
nC18	10.16	11.04	10.15	9.83	7.74	9.78
nC19	8.84	8.77	8.80	8.43	8.10	9.14
nC20	8.30	7.96	8.58	7.82	7.90	9.50
nC21	7.14	6.66	7.20	7.12	7.88	9.24
nC22	6.72	6.32	6.29	7.17	7.44	7.61
nC23	5.86	5.38	5.93	6.71	7.51	7.49
nC24	4.93	4.95	5.02	5.80	6.27	6.38
nC25	4.26	4.21	4.33	7.22	5.66	5.29
nC26	3.54	3.52	3.37	4.03	4.45	4.34
nC27	2.58	2.84	3.07	2.93	3.91	2.96
nC28	1.58	1.90	1.84	2.07	3.33	2.36
nC29	1.37	1.58	1.51	1.72	2.75	1.77
nC30	0.74	1.00	0.86	1.00	1.77	1.06
nC31	0.65	0.75	0.76	0.98	1.48	0.84
nC32	0.26	0.32	0.31	0.49	0.98	0.39
nC33	0.21	0.30	0.23	0.33	0.72	0.27
nC34	0.11	0.15	0.12	0.19	0.44	0.13
nC35	0.05	0.08	0.05	0.12	0.28	0.10
Paraffin	20.05	20.11	21.06	18.96	21.06	23.40
Isoprenoid	3.55	3.25	4.04	2.66	2.40	2.90
Naphthene	76.40	76.63	74.90	78.38	76.54	73.70
CPI 1 Index	1.01	0.99	1.06	1.11	1.06	1.05
CPI 2 Index	1.13	1.11	1.19	1.34	1.09	1.05
CPI 3 Index	1.01	1.05	1.18	0.96	1.01	0.88
Prist/Phytane	1.98	1.77	1.88	1.74	1.79	1.79
Prist/nC17	0.71	0.55	0.74	0.70	0.84	0.64
Phytane/nC18	0.37	0.33	0.44	0.36	0.48	0.30

Job Number : 9291

$$C.P.I. 1 = \frac{1}{2} \left[\frac{C_{21} + C_{23} + C_{25} + C_{27}}{C_{20} + C_{22} + C_{24} + C_{26}} + \frac{C_{21} + C_{23} + C_{25} + C_{27}}{C_{22} + C_{24} + C_{26} + C_{28}} \right]$$

$$C.P.I. 2 = \frac{1}{2} \left[\frac{C_{25} + C_{27} + C_{29} + C_{31}}{C_{24} + C_{26} + C_{28} + C_{30}} + \frac{C_{25} + C_{27} + C_{29} + C_{31}}{C_{26} + C_{28} + C_{30} + C_{32}} \right]$$

$$C.P.I. 3 = \frac{2 \times (C_{27})}{C_{26} + C_{28}}$$

CT - ditch cuttings CO - core SWC - sidewall core

TABLE 8
COMPOSITION (NORMALISED %) OF C₁₅₊ SATURATE (PARAFFIN - NAPHTHENE) HYDROCARBONS

GEOCHEM SAMPLE NUMBER	043	044	045	046	047	048
DEPTH	2872m	2872.25m	2872.75m	2873.25m	2873.5m	2874m
SAMPLE TYPE						
nC15	31.07	28.58	25.22	30.75	19.33	6.17
nC16	24.23	21.77	20.13	25.04	17.43	9.01
nC17	15.01	16.21	12.94	16.29	12.65	9.58
nC18	10.01	11.28	9.11	9.31	11.20	9.61
nC19	4.87	5.25	5.47	3.17	8.04	8.92
nC20	3.16	2.19	4.41	1.69	6.59	8.82
nC21	1.98	1.57	3.84	1.48	5.33	7.80
nC22	1.58	1.49	3.36	1.76	3.79	7.71
nC23	1.32	1.41	2.68	1.48	3.16	6.77
nC24	1.09	1.41	2.40	1.55	2.71	6.04
nC25	1.01	1.33	2.40	1.62	2.44	5.35
nC26	0.77	1.41	1.92	1.34	1.99	4.47
nC27	0.80	1.33	1.53	1.13	1.54	3.26
nC28	0.54	1.02	1.15	0.85	0.99	2.06
nC29	0.61	1.10	1.05	0.78	0.99	1.63
nC30	0.39	0.63	0.77	0.49	0.54	0.97
nC31	0.64	0.86	0.77	0.63	0.54	0.91
nC32	0.34	0.55	0.29	0.28	0.36	0.42
nC33	0.39	0.31	0.29	0.21	0.18	0.30
nC34	0.10	0.16	0.19	0.07	0.09	0.12
nC35	0.09	0.16	0.10	0.07	0.09	0.09
Paraffin	17.89	13.66	19.63	12.27	12.64	18.59
Isoprenoid	3.96	2.31	3.19	1.81	1.89	2.60
Napthene	78.15	84.03	77.18	85.92	85.47	78.81
CPI 1 Index	1.03	0.96	1.02	0.97	1.07	1.00
CPI 2 Index	1.30	1.16	1.16	1.19	1.15	1.12
CPI 3 Index	1.22	1.09	1.00	1.03	1.03	1.00
Prist/Phytane	2.48	2.83	2.21	3.32	1.81	1.76
Prist/nC17	0.46	0.49	0.46	0.49	0.46	0.65
Phytane/nC18	0.28	0.25	0.29	0.26	0.29	0.37

Job Number : 9291

$$C.P.I. 1 = \frac{1}{2} \left[\frac{C_{21} + C_{23} + C_{25} + C_{27}}{C_{20} + C_{22} + C_{24} + C_{26}} + \frac{C_{21} + C_{23} + C_{25} + C_{27}}{C_{22} + C_{24} + C_{26} + C_{28}} \right]$$

$$C.P.I. 2 = \frac{1}{2} \left[\frac{C_{25} + C_{27} + C_{29} + C_{31}}{C_{24} + C_{26} + C_{28} + C_{30}} + \frac{C_{25} + C_{27} + C_{29} + C_{31}}{C_{26} + C_{28} + C_{30} + C_{32}} \right]$$

$$C.P.I. 3 = \frac{2 \times (C_{27})}{C_{26} + C_{28}}$$

CT - ditch cuttings CO - core SWC - sidewall core

TABLE 8
COMPOSITION (NORMALISED %) OF C₁₅₊ SATURATE (PARAFFIN - NAPHTHENE) HYDROCARBONS

GEOCHEM SAMPLE NUMBER	049	050	051	052	053	054
DEPTH	2874.5m	2875m	2875.5m	2876.5m	2876.75m	2877m
SAMPLE TYPE						
nC15	21.29	15.55	10.90	7.15	7.42	21.27
nC16	17.81	14.04	10.40	7.85	7.74	17.49
nC17	13.81	10.79	9.02	8.02	8.42	13.30
nC18	9.52	11.72	9.77	9.08	9.41	10.34
nC19	4.07	8.88	9.27	8.71	8.85	7.56
nC20	3.05	7.14	8.52	8.66	8.94	5.92
nC21	2.98	6.21	8.27	8.46	8.52	5.15
nC22	3.13	5.10	7.27	7.54	7.54	4.19
nC23	3.13	4.47	6.51	7.49	6.87	3.64
nC24	2.76	3.60	5.01	6.68	6.41	2.87
nC25	2.91	3.13	5.14	5.37	5.08	2.32
nC26	2.40	2.44	3.26	4.26	4.20	1.82
nC27	3.20	1.80	2.13	3.20	3.37	1.32
nC28	1.74	1.28	1.30	2.45	2.32	0.82
nC29	2.76	1.16	1.09	1.84	1.82	0.73
nC30	1.38	0.70	0.68	1.11	1.00	0.46
nC31	1.82	1.04	0.73	1.03	0.90	0.41
nC32	0.80	0.41	0.30	0.50	0.54	0.18
nC33	0.87	0.32	0.23	0.33	0.38	0.14
nC34	0.29	0.16	0.13	0.14	0.16	0.05
nC35	0.29	0.09	0.08	0.11	0.10	0.05
Paraffin	9.96	12.41	16.17	17.07	22.29	21.35
Isoprenoid	2.39	2.24	2.42	1.83	2.33	4.04
Naphthene	87.65	85.35	81.41	81.10	75.38	74.61
CPI 1 Index	1.15	1.06	1.11	1.04	1.02	1.06
CPI 2 Index	1.49	1.18	1.26	1.08	1.09	1.13
CPI 3 Index	1.55	0.97	0.93	0.95	1.03	1.00
Prist/Phytane	2.79	2.07	1.36	2.09	2.07	3.04
Prist/nC17	1.00	0.63	0.53	0.59	0.68	0.53
Phytane/nC18	0.52	0.28	0.36	0.25	0.30	0.22

Job Number : 9291

$$C.P.I. 1 = \frac{1}{2} \left[\frac{C_{21} + C_{23} + C_{25} + C_{27}}{C_{20} + C_{22} + C_{24} + C_{26}} + \frac{C_{21} + C_{23} + C_{25} + C_{27}}{C_{22} + C_{24} + C_{26} + C_{28}} \right]$$

$$C.P.I. 2 = \frac{1}{2} \left[\frac{C_{25} + C_{27} + C_{29} + C_{31}}{C_{24} + C_{26} + C_{28} + C_{30}} + \frac{C_{25} + C_{27} + C_{29} + C_{31}}{C_{26} + C_{28} + C_{30} + C_{32}} \right]$$

$$C.P.I. 3 = \frac{2 \times (C_{27})}{C_{26} + C_{28}}$$

CT - ditch cuttings CO - core SWC - sidewall core

TABLE 8
COMPOSITION (NORMALISED %) OF C₁₅₊ SATURATE (PARAFFIN - NAPHTHENE) HYDROCARBONS

GEOCHEM SAMPLE NUMBER	055	056	057	058	059	060
DEPTH	2877.25m	2878m	2878.5m	2879m	2879.5m	2880m
SAMPLE TYPE						
nC15	5.32	6.49	4.39	17.31	9.53	5.50
nC16	6.68	7.46	5.84	16.85	10.07	6.89
nC17	7.81	8.24	7.03	10.93	8.99	7.48
nC18	8.52	9.14	8.68	9.72	9.87	8.50
nC19	8.74	9.26	8.75	7.41	9.53	8.28
nC20	8.71	8.82	8.96	6.48	9.04	8.43
nC21	8.21	7.76	9.10	5.93	7.82	8.43
nC22	7.76	7.80	8.62	5.65	7.13	8.36
nC23	7.45	7.28	7.50	4.35	6.30	7.77
nC24	6.38	6.38	6.86	3.80	5.28	6.89
nC25	5.91	5.10	5.99	3.43	4.30	6.01
nC26	4.56	4.31	5.07	2.31	3.27	4.77
nC27	3.69	3.83	3.93	1.76	2.59	3.81
nC28	2.90	2.75	2.91	1.20	1.76	2.79
nC29	2.45	1.99	2.29	1.02	1.51	2.13
nC30	1.62	1.32	1.47	0.56	0.98	1.25
nC31	1.23	0.90	1.05	0.65	0.88	1.17
nC32	0.90	0.52	0.59	0.28	0.44	0.66
nC33	0.61	0.39	0.51	0.19	0.39	0.44
nC34	0.34	0.17	0.31	0.09	0.17	0.22
nC35	0.19	0.09	0.14	0.09	0.15	0.22
Paraffin	22.94	23.08	22.42	14.75	16.29	14.40
Isoprenoid	2.24	2.51	2.09	2.51	1.80	1.56
Naphthene	74.82	74.41	75.49	82.74	81.91	84.04
CPI 1 Index	1.05	1.00	1.01	1.02	1.03	1.03
CPI 2 Index	1.09	1.06	1.07	1.22	1.13	1.11
CPI 3 Index	0.99	1.09	0.99	1.00	1.03	1.01
Prist/Phytane	2.00	2.23	1.92	2.78	2.09	1.93
Prist/nC17	0.78	0.66	0.71	0.54	0.51	0.53
Phytane/nC18	0.36	0.27	0.30	0.22	0.22	0.24

Job Number : 9291

$$C.P.I. 1 = \frac{1}{2} \left[\frac{C_{21} + C_{23} + C_{25} + C_{27}}{C_{20} + C_{22} + C_{24} + C_{26}} + \frac{C_{21} + C_{23} + C_{25} + C_{27}}{C_{22} + C_{24} + C_{26} + C_{28}} \right]$$

$$C.P.I. 2 = \frac{1}{2} \left[\frac{C_{25} + C_{27} + C_{29} + C_{31}}{C_{24} + C_{26} + C_{28} + C_{30}} + \frac{C_{25} + C_{27} + C_{29} + C_{31}}{C_{26} + C_{28} + C_{30} + C_{32}} \right]$$

$$C.P.I. 3 = \frac{2 \times (C_{27})}{C_{26} + C_{28}}$$

CT - ditch cuttings CO - core SWC - sidewall core

TABLE 8
COMPOSITION (NORMALISED %) OF C₁₅₊ SATURATE (PARAFFIN - NAPHTHENE) HYDROCARBONS

GEOCHEM SAMPLE NUMBER	061	062	063	064	065	066
DEPTH	2880.5m	2881m	2881.5m	2882.25m	2883.75m	2884.25m
SAMPLE TYPE						
nC15	14.76	26.65	3.49	35.34	26.71	31.41
nC16	12.50	23.65	5.45	25.39	16.71	18.27
nC17	10.50	15.83	6.45	15.05	8.67	9.26
nC18	9.38	10.22	8.32	7.85	7.53	5.76
nC19	8.25	6.01	8.83	2.88	5.82	3.63
nC20	7.73	4.01	9.40	1.83	5.63	3.75
nC21	7.38	2.81	8.84	1.44	5.19	3.50
nC22	5.99	2.40	8.59	1.44	5.25	4.01
nC23	5.03	1.60	7.98	1.31	4.11	3.13
nC24	4.08	1.40	6.96	1.31	3.42	3.13
nC25	3.39	1.40	6.24	1.31	2.97	2.88
C26	2.69	1.00	5.17	1.18	1.96	2.50
C27	2.26	1.00	3.92	1.05	1.84	2.25
nC28	1.56	0.60	3.16	0.65	1.08	1.63
nC29	1.30	0.60	2.49	0.65	0.89	1.50
nC30	0.87	0.40	1.69	0.39	0.57	0.88
nC31	0.95	0.20	1.31	0.65	0.89	1.38
nC32	0.78	0.20	0.79	0.13	0.44	0.50
nC33	0.26	0.00	0.55	0.13	0.19	0.38
nC34	0.17	0.00	0.23	0.00	0.06	0.13
nC35	0.17	0.00	0.15	0.00	0.06	0.13
Paraffin	14.33	14.37	23.60	15.02	16.36	14.30
Isoprenoid	1.77	2.65	1.87	4.35	3.16	2.34
Naphthene	83.90	82.98	74.53	80.63	80.48	83.36
CPI 1 Index	1.07	1.02	1.01	1.00	1.04	0.96
CPI 2 Index	1.10	1.20	1.06	1.30	1.28	1.22
CPI 3 Index	1.06	1.25	0.94	1.15	1.21	1.09
Prist/Phytane	2.21	2.83	2.04	3.68	2.59	2.58
Prist/nC17	0.44	0.43	0.79	0.61	0.87	0.91
Phytane/nC18	0.22	0.24	0.30	0.32	0.39	0.57

Job Number : 9291

$$C.P.I. 1 = \frac{1}{2} \left[\frac{C_{21} + C_{23} + C_{25} + C_{27}}{C_{20} + C_{22} + C_{24} + C_{26}} + \frac{C_{21} + C_{23} + C_{25} + C_{27}}{C_{22} + C_{24} + C_{26} + C_{28}} \right]$$

$$C.P.I. 2 = \frac{1}{2} \left[\frac{C_{25} + C_{27} + C_{29} + C_{31}}{C_{24} + C_{26} + C_{28} + C_{30}} + \frac{C_{25} + C_{27} + C_{29} + C_{31}}{C_{26} + C_{28} + C_{30} + C_{32}} \right]$$

$$C.P.I. 3 = \frac{2 \times (C_{27})}{C_{26} + C_{28}}$$

CT - ditch cuttings CO - core SWC - sidewall core

TABLE 8
COMPOSITION (NORMALISED %) OF C₁₅₊ SATURATE (PARAFFIN - NAPHTHENE) HYDROCARBONS

GEOCHEM SAMPLE NUMBER	067	068	069	070	071	072
DEPTH	2885m	2886.5m	2887m	2887.5m	3178.5m	3239m
SAMPLE TYPE						
nC15	25.41	30.17	28.53	33.51	15.47	26.65
nC16	16.32	22.20	23.01	26.17	17.07	22.84
nC17	8.74	10.91	16.97	15.97	15.95	16.99
nC18	6.76	7.50	11.02	9.02	13.55	11.05
nC19	5.48	3.23	4.22	2.71	8.79	5.20
nC20	5.13	3.51	2.19	2.12	5.82	3.44
nC21	5.01	2.47	1.68	1.18	3.84	2.14
nC22	5.01	2.75	1.82	1.48	3.22	1.95
nC23	4.55	1.99	1.39	0.99	2.80	1.49
nC24	3.96	1.99	1.46	1.08	2.52	1.39
nC25	3.26	2.28	1.42	1.04	2.13	1.11
nC26	2.56	1.71	1.20	0.94	1.85	0.93
nC27	1.98	1.90	1.16	0.94	1.59	0.84
nC28	1.40	1.33	0.83	0.54	1.34	0.56
nC29	1.52	1.71	0.90	0.64	1.22	0.56
nC30	0.82	0.95	0.54	0.44	0.83	1.11
nC31	0.93	1.90	0.97	0.64	0.83	0.93
nC32	0.47	0.66	0.31	0.35	0.51	0.65
nC33	0.35	0.47	0.24	0.20	0.37	0.09
nC34	0.23	0.19	0.07	0.05	0.23	0.09
nC35	0.12	0.19	0.07	0.00	0.07	0.00
Paraffin	15.12	12.48	19.53	16.49	13.30	10.33
Isoprenoid	2.61	2.45	4.54	3.75	3.57	2.87
Naphthene	82.27	85.07	75.93	79.76	83.13	86.80
CPI 1 Index	1.02	0.99	0.96	0.88	0.97	0.94
CPI 2 Index	1.17	1.49	1.32	1.26	1.08	0.96
CPI 3 Index	1.00	1.25	1.14	1.27	1.00	1.13
Prist/Phytane	2.46	2.95	2.05	2.85	1.63	1.90
Prist/nC17	0.92	1.13	0.69	0.62	0.59	0.52
Phytane/nC18	0.48	0.56	0.52	0.39	0.43	0.42

Job Number : 9291

$$C.P.I. 1 = \frac{1}{2} \left[\frac{C_{21} + C_{23} + C_{25} + C_{27}}{C_{20} + C_{22} + C_{24} + C_{26}} + \frac{C_{21} + C_{23} + C_{25} + C_{27}}{C_{22} + C_{24} + C_{26} + C_{28}} \right]$$

$$C.P.I. 2 = \frac{1}{2} \left[\frac{C_{25} + C_{27} + C_{29} + C_{31}}{C_{24} + C_{26} + C_{28} + C_{30}} + \frac{C_{25} + C_{27} + C_{29} + C_{31}}{C_{26} + C_{28} + C_{30} + C_{32}} \right]$$

$$C.P.I. 3 = \frac{2 \times (C_{27})}{C_{26} + C_{28}}$$

CT - ditch cuttings CO - core SWC - sidewall core

TABLE 8
COMPOSITION (NORMALISED %) OF C₁₅₊ SATURATE (PARAFFIN - NAPHTHENE) HYDROCARBONS

GEOCHEM SAMPLE NUMBER	073	074	075	076	077	078
DEPTH	3259.08m	3259.15m	3259.25m	3260.15m	3260.25m	3260.34m
SAMPLE TYPE						
nC15	17.11	28.29	19.35	8.08	7.98	7.96
nC16	15.70	25.73	17.31	8.28	8.73	8.63
nC17	12.94	18.22	13.81	8.40	8.71	8.67
nC18	9.86	12.11	10.90	9.63	9.79	9.35
nC19	6.46	4.85	5.43	8.54	8.29	8.82
nC20	5.53	1.93	3.19	7.92	8.57	8.08
nC21	4.53	1.15	2.79	7.38	7.62	7.46
nC22	3.85	0.94	1.89	6.73	7.09	7.11
nC23	3.67	0.84	2.24	6.20	6.54	6.48
nC24	3.51	0.84	2.20	5.17	5.35	5.53
nC25	2.90	0.89	1.10	4.82	4.31	4.40
nC26	2.45	0.73	1.49	3.98	3.89	3.91
nC27	1.95	0.84	1.02	3.64	3.05	3.17
nC28	1.72	0.63	1.14	2.90	2.78	2.73
nC29	1.02	0.73	2.87	2.29	2.23	2.22
nC30	4.03	0.47	8.46	2.00	1.70	1.71
nC31	1.59	0.37	2.64	1.69	1.49	1.50
nC32	0.54	0.21	0.87	1.02	0.90	1.01
nC33	0.23	0.16	0.51	0.77	0.53	0.68
nC34	0.18	0.05	0.63	0.39	0.32	0.37
nC35	0.23	0.05	0.16	0.17	0.13	0.19
Paraffin	7.66	10.07	2.90	16.46	17.22	15.63
Isoprenoid	1.99	2.41	0.69	2.28	2.07	1.96
Naphthene	90.35	87.52	96.41	81.26	80.71	82.41
CPI 1 Index	0.99	1.01	0.94	1.05	1.00	0.99
CPI 2 Index	0.75	1.22	0.61	1.07	1.00	1.01
CPI 3 Index	0.94	1.24	0.78	1.06	0.91	0.95
Prist/Phytane	2.47	2.38	2.93	1.44	1.29	1.33
Prist/nC17	0.69	0.59	0.92	0.63	0.56	0.54
Phytane/nC18	0.37	0.38	0.40	0.38	0.39	0.38

Job Number : 9291

$$C.P.I. 1 = \frac{1}{2} \left[\frac{C_{21} + C_{23} + C_{25} + C_{27}}{C_{20} + C_{22} + C_{24} + C_{26}} + \frac{C_{21} + C_{23} + C_{25} + C_{27}}{C_{22} + C_{24} + C_{26} + C_{28}} \right]$$

$$C.P.I. 2 = \frac{1}{2} \left[\frac{C_{25} + C_{27} + C_{29} + C_{31}}{C_{24} + C_{26} + C_{28} + C_{30}} + \frac{C_{25} + C_{27} + C_{29} + C_{31}}{C_{26} + C_{28} + C_{30} + C_{32}} \right]$$

$$P.I. 3 = \frac{2 \times (C_{27})}{C_{26} + C_{28}}$$

CT - ditch cuttings CO - core SWC - sidewall core

TABLE 8
COMPOSITION (NORMALISED %) OF C₁₅₊ SATURATE (PARAFFIN - NAPHTHENE) HYDROCARBONS

GEOCHEM SAMPLE NUMBER	079	080	081	082	083	084
DEPTH	3260.44m	3260.5m	3260.56m	3260.67m	3260.75m	3260.82m
SAMPLE TYPE						
nC15	9.34	8.06	5.29	5.93	7.53	5.73
nC16	9.13	8.60	6.67	7.24	8.27	6.98
nC17	9.45	8.51	7.95	8.12	8.33	8.43
nC18	9.60	9.31	9.63	8.83	9.86	8.69
nC19	9.05	8.49	9.21	8.48	9.08	9.17
nC20	8.66	7.80	9.06	8.58	7.94	8.11
nC21	7.25	7.43	8.69	7.47	7.79	7.87
nC22	7.04	6.94	7.81	7.62	6.78	6.81
nC23	6.04	6.66	6.65	6.94	6.10	6.34
nC24	5.13	5.43	5.96	6.24	5.66	6.32
nC25	4.24	4.43	5.07	4.58	4.55	4.59
nC26	3.72	4.11	4.28	4.24	4.26	4.48
nC27	2.90	3.21	3.47	3.80	3.45	3.59
nC28	2.35	2.83	2.81	2.93	2.74	3.31
nC29	1.88	2.40	2.39	2.66	2.35	2.96
nC30	1.39	1.80	1.63	1.90	1.78	2.05
nC31	1.23	1.64	1.48	1.96	1.51	1.96
nC32	0.63	1.03	0.91	1.10	0.91	1.21
nC33	0.50	0.75	0.57	0.78	0.65	0.83
nC34	0.31	0.41	0.34	0.47	0.36	0.48
nC35	0.16	0.16	0.12	0.12	0.13	0.09
Paraffin	18.85	17.55	18.33	18.10	19.02	18.39
Isoprenoid	2.43	2.42	2.38	2.50	2.82	2.50
Naphthene	78.72	80.03	79.29	79.40	78.16	79.11
CPI 1 Index	0.98	1.01	1.01	0.97	1.01	0.97
CPI 2 Index	1.04	1.01	1.07	1.06	1.02	1.00
CPI 3 Index	0.96	0.93	0.98	1.06	0.99	0.92
Prist/Phytane	1.37	1.39	1.28	1.35	1.33	1.30
Prist/nC17	0.49	0.62	0.63	0.79	0.65	0.77
Phytane/nC18	0.35	0.41	0.41	0.54	0.41	0.57

Job Number : 9291

$$C.P.I. 1 = \frac{1}{2} \left[\frac{C_{21} + C_{23} + C_{25} + C_{27}}{C_{20} + C_{22} + C_{24} + C_{26}} + \frac{C_{21} + C_{23} + C_{25} + C_{27}}{C_{22} + C_{24} + C_{26} + C_{28}} \right]$$

$$C.P.I. 2 = \frac{1}{2} \left[\frac{C_{25} + C_{27} + C_{29} + C_{31}}{C_{24} + C_{26} + C_{28} + C_{30}} + \frac{C_{25} + C_{27} + C_{29} + C_{31}}{C_{26} + C_{28} + C_{30} + C_{32}} \right]$$

$$P.I. 3 = \frac{2 \times (C_{27})}{C_{26} + C_{28}}$$

CT - ditch cuttings CO - core SWC - sidewall core

TABLE 8
COMPOSITION (NORMALISED %) OF C₁₅₊ SATURATE (PARAFFIN - NAPHTHENE) HYDROCARBONS

GEOCHEM SAMPLE NUMBER	085	086	087
DEPTH	3260.9m	3271.5m	3738m
SAMPLE TYPE			
nC15	5.72	4.41	10.79
nC16	7.57	6.14	11.72
nC17	8.15	6.83	11.53
nC18	8.71	8.49	10.36
nC19	8.55	8.10	8.30
nC20	8.31	7.74	7.42
nC21	7.84	8.00	6.18
nC22	6.67	6.97	5.40
nC23	6.64	6.77	4.71
nC24	5.96	6.55	4.49
nC25	4.78	5.62	3.61
nC26	4.64	4.41	3.33
nC27	3.95	4.44	2.57
nC28	3.12	4.82	2.28
nC29	2.96	3.51	1.95
nC30	2.12	2.32	1.62
nC31	1.84	2.17	1.47
nC32	1.16	1.32	1.05
nC33	0.78	1.00	0.59
nC34	0.42	0.22	0.45
nC35	0.10	0.16	0.19
Paraffin	18.28	17.19	14.63
Isoprenoid	2.41	2.10	3.48
Naphthene	79.31	80.71	81.89
CPI 1 Index	1.02	1.03	0.96
CPI 2 Index	1.04	1.05	0.99
CPI 3 Index	1.02	0.96	0.92
Prist/Phytane	1.30	1.24	1.08
Prist/nC17	0.70	0.77	0.59
Phytane/nC18	0.51	0.50	0.61

Job Number : 9291

$$C.P.I. 1 = \frac{1}{2} \left[\frac{C_{21} + C_{23} + C_{25} + C_{27}}{C_{20} + C_{22} + C_{24} + C_{26}} + \frac{C_{21} + C_{23} + C_{25} + C_{27}}{C_{22} + C_{24} + C_{26} + C_{28}} \right]$$

$$C.P.I. 2 = \frac{1}{2} \left[\frac{C_{25} + C_{27} + C_{29} + C_{31}}{C_{24} + C_{26} + C_{28} + C_{30}} + \frac{C_{25} + C_{27} + C_{29} + C_{31}}{C_{26} + C_{28} + C_{30} + C_{32}} \right]$$

$$C.P.I. 3 = \frac{2 \times (C_{27})}{C_{26} + C_{28}}$$

CT - ditch cuttings CO - core SWC - sidewall core

TABLE 9
CARBON ISOTOPE COMPOSITIONS (‰, PDB)

JOB 9291								
GEOCHEM SAMPLE NUMBER	DEPTH/ IDENTITY	TOTAL EXTRACT WHOLE OIL	SATURATES	AROMATICS	NSO	ASPHALTENES	KEROGEN	PYROLYSATE (S2)

WELL: 6507/2-3

9291-042	2871.75m	-27.88	-28.11	-27.23	-28.42	-27.88		
9291-056	2878.00m	-27.92	-27.90	-27.17	-28.52	-27.99		
9291-056	2878.00m		-27.88					
9291-071	3178.5m	-29.09	-29.48	-28.35	-28.85	-28.38		
9291-071	3178.5m		-29.44					
9291-072	3239.0m	-28.34	-28.71	-27.66	-28.09	-27.66		
9291-083	3260.75m	-28.96	-29.07	-28.02	-28.26	-27.77		
9291-083	3260.75m			-28.02				
9291-086	3271.5m	-29.04	-29.21	-28.62	-29.37	-28.33		
9291-087	3738.0m	-30.71	-30.96	-29.77	-29.79	-29.25		



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REPORT

TITLE

Analysis of headspace and occluded gas from well 6507/2-3

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CLASSIFICATION

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SUMMARY

This report contains tables with data from gas chromatographic analysis of headspace and occluded gas from 90 canned cuttings samples from well 6507/2-3. The yields (in $\mu\text{l/g}$ dry rock) and relative proportions (in volume %) of 66 hydrocarbon compounds ranging from C_1 to C_9 are tabulated. Percentages of three carbon number ranges and selected peak ratios are also reported.

BA-94-1602-1

KEYWORDS ENGLISH

Well 6507/2-3
Organic geochemistry
Gas analysis

KEYWORDS NORWEGIAN

Brønn 6507/2-3
Organisk geokjemi
Gassanalyse

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1. Introduction

Ninety canned cutting samples from Well 6507/2-3 were received from Norsk Hydro for gas chromatographic analysis of the hydrocarbons contained in the headspace and the occluded gas (C₁-C₉), according to Contract No. NHT-B44-02040-00. The samples were received at ambient temperature.

This report contains the results of the gas chromatographic analyses. The hydrocarbon concentrations are expressed as µl gas per kg of dried cuttings (>0.125 mm). The hydrocarbon composition is expressed as volume percent of all recorded hydrocarbons.

2. Experimental methods

Headspace gas

A septum was attached to the can and a sample of the headspace gas was taken and injected into a gas chromatograph for analysis of C₁-C₉ hydrocarbons.

The can was then opened and the volume of the headspace was determined. The cuttings were washed with water (ca. 30°C) on 4.0, 1.0 and 0.125 mm sieves in order to remove the drilling mud, and were then weighed and dried.

Occluded gas

Prior to drying, an aliquot of the 1-4 mm fraction of each sample was crushed in water for 10 minutes using a gas-tight ball mill. The evolved gas was analysed as described for headspace gas.

Gas chromatographic analysis

The gas was analysed on an HP 5880A gas chromatograph fitted with a 50 m x 0.2 mm i.d. fused silica column, coated with 0.5µm OV-101, and equipped with an FID for hydrocarbon analysis. Temperature program: -30°C (2 min.) - 8°C/min. - 150°C (5 min.). A standard gas sample containing methane, ethane, propane, i-butane, n-butane, n-pentane, and n-hexane (about 1000 ppm each) was used for quantification.

Water content

The water content of the cuttings was determined by weighing before and after drying at 35°C for at least 24 hours. The water content of the whole >0.125 mm fraction was used

in the calculation of the gas yield. Water contents for the three individual grain size fractions are listed in Table 2 for information.

3. Comments on samples and analytical data

The wet cutting samples were received in pressure-lid cans of 1 l volume. Since the samples had apparently been stored at ambient temperature, a secondary modification of the gas composition by microbial activity cannot be completely ruled out.

The samples from the interval 1500 - 2010 m showed strong foam development when they were washed. Samples at 2060, 2080 and 2100 m contained very little rock material. Paint flakes were observed in the samples from 2860, 2960 and 3400 m. Metal particles occurred in the samples from 3230, 3270, 3300, 3450, 3570, 3730 and 3760 m. "Oil-like globules" were observed at 3270 and 3400 m, and "oily" or "strange" odour was recorded at 3100, 3270, 3400, 3850, 3870, 3900, 3930, 3950 and 3970 m.

No water was added before crushing the sample from 3760 m, which may have influenced yield and composition of the occluded gas fraction of this sample.

No contaminant peaks were observed in the gas chromatograms.

Gas concentration and composition are reported with two decimals. This does not reflect a particularly high precision of the data, but shall enable the calculation of compound ratios at low concentrations.

Figures

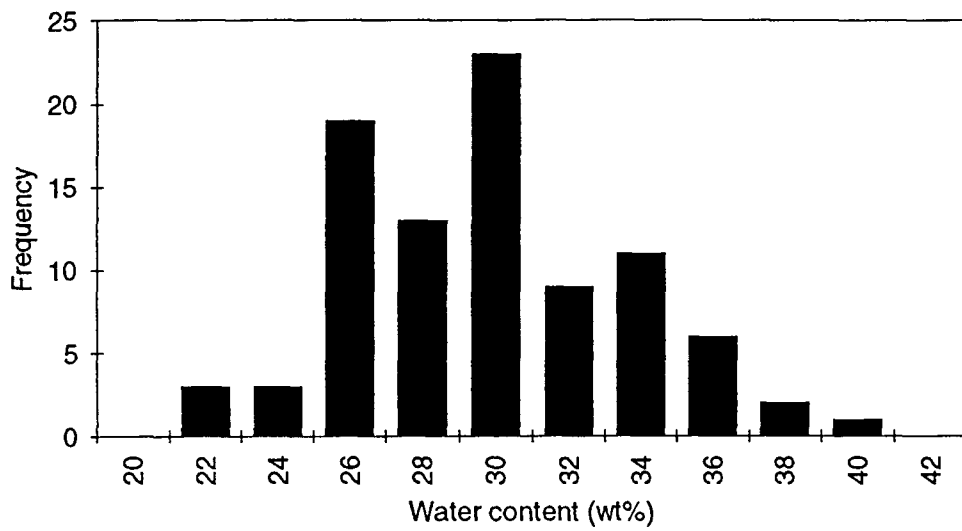


Figure 1 Frequency distribution of the water content of the >0.125 mm fraction.

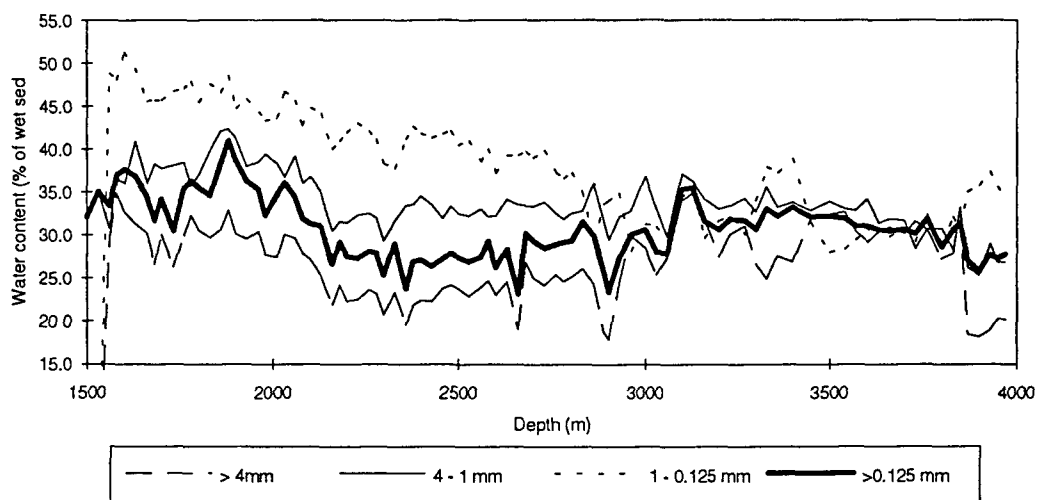


Figure 2 Water content of different grain size fractions vs. depth.

Tables

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Table 1 Sample identification and experimental data.

IKU-ID	Depth (m)	Total weight (dry) (g)	Water cont. (wt%)	Total sample volume (ml)	Head-space vol. (ml)	Wt. occl. (dry) (g)	Gas vol. occl. (ml)
H1591	1500	378.0	32.1	475	179	13.6	15.0
H1592	1530	112.8	35.0	320	310	13.1	18.0
H1593	1560	78.9	33.4	300	270	13.4	13.0
H1594	1580	108.7	37.0	320	260	12.6	23.0
H1595	1600	69.8	37.6	310	220	12.5	23.0
H1596	1630	98.7	36.8	430	290	12.7	22.0
H1597	1660	94.7	34.5	420	300	13.2	15.0
H1598	1680	116.5	31.7	410	260	13.7	24.0
H1599	1700	91.8	34.2	430	260	13.2	22.0
H1600	1730	135.9	30.5	430	240	14.0	24.0
H1601	1760	102.3	35.3	600	170	13.1	16.0
H1602	1780	86.0	36.3	390	230	12.8	25.0
H1603	1800	82.0	35.5	290	240	12.9	23.0
H1604	1830	153.3	34.6	370	240	13.1	24.0
H1605	1860	218.4	38.4	450	220	12.4	24.0
H1606	1880	206.2	41.0	370	210	11.9	23.0
H1607	1900	197.2	38.7	460	220	12.3	24.0
H1608	1930	262.5	36.2	370	220	12.8	22.0
H1609	1960	180.0	35.3	380	190	13.0	25.0
H1610	1980	163.8	32.3	380	160	13.7	26.0
H1611	2010	227.4	34.6	420	150	13.2	25.0
H1612	2030	235.3	36.1	220	240	12.9	22.0
H1613	2060	189.2	34.4	150	410	13.2	21.0
H1614	2080	213.4	31.9	170	240	13.8	22.0
H1615	2100	204.6	31.3	160	240	13.9	26.0
H1616	2130	243.9	31.0	210	320	13.9	25.0
H1617	2160	397.4	26.7	470	260	14.7	23.0
H1618	2180	397.7	29.1	520	220	14.2	26.0
H1619	2200	432.0	27.5	550	260	14.6	25.0
H1620	2230	401.5	27.3	480	270	14.6	21.0
H1621	2260	327.4	28.1	390	180	14.4	25.0
H1622	2280	324.9	27.9	500	220	14.6	25.0
H1623	2300	425.1	25.3	550	220	15.0	26.0
H1624	2330	240.3	29.0	400	240	14.3	26.0
H1625	2360	357.1	23.8	440	230	15.2	26.0
H1626	2380	309.4	26.9	460	200	14.6	24.0
H1627	2400	344.9	27.1	550	200	14.7	25.0
H1628	2430	331.2	26.4	520	250	14.8	24.0
H1629	2460	328.5	27.2	540	210	14.7	24.0
H1630	2480	323.7	27.9	520	230	14.4	27.0
H1631	2500	309.7	27.4	540	170	14.6	27.0
H1632	2530	279.1	26.9	500	190	14.8	27.0
H1633	2560	260.2	27.4	520	110	14.5	27.0
H1634	2580	252.4	29.3	490	100	14.2	26.0
H1635	2600	300.4	26.2	630	120	14.8	26.0
H1636	2630	180.3	28.3	500	160	14.4	25.0
H1637	2660	272.3	23.2	470	120	15.4	24.0
H1638	2680	152.3	30.2	430	160	14.0	25.0
H1639	2700	176.0	29.3	560	80	14.2	26.0
H1640	2730	219.0	28.5	670	100	14.3	23.0
H1641	2760	160.3	28.9	550	190	14.4	26.0
H1642	2780	138.7	29.1	710	210	14.3	27.0
H1643	2800	187.6	29.3	600	150	14.2	26.0
H1644	2830	109.3	31.5	500	180	13.8	26.0
H1645	2860	176.6	29.9	600	90	14.1	27.0

Comments:

Total weight and water content relate to >125µm fraction.

Total sample volume relates to cuttings plus mud.

Headspace volume relates to atmospheric pressure.

Gas volume occl. is the volume of the headspace in the ball mill.

Table 1 (continued): Sample identification and experimental data.

IKU-ID	Depth (m)	Total weight (dry) (g)	Water cont. (wt%)	Total sample volume (ml)	Head- space vol. (ml)	Wt. occl. (dry) (g)	Gas vol. occl. (ml)
H1646	2885	200.9	25.9	350	250	15.0	28.0
H1647	2900	396.4	23.4	570	150	15.4	28.0
H1648	2930	121.2	27.3	570	70	14.5	27.0
H1649	2960	84.4	30.0	500	160	14.0	27.0
H1650	3000	78.9	30.6	500	120	13.9	26.0
H1651	3030	104.4	28.0	550	160	14.5	25.0
H1652	3060	80.3	27.9	610	90	14.5	25.0
H1653	3100	81.3	35.3	590	190	12.9	27.0
H1654	3130	55.2	35.5	530	170	12.9	27.0
H1655	3160	89.2	31.6	580	180	13.7	28.0
H1656	3200	78.8	30.6	530	210	13.9	28.0
H1657	3230	68.2	31.8	560	250	13.7	28.0
H1658	3270	64.9	31.7	460	230	13.7	27.0
H1659	3300	106.6	30.7	650	250	13.9	28.0
H1660	3330	150.7	33.1	760	150	13.4	28.0
H1661	3360	119.9	32.2	580	140	13.6	28.0
H1662	3400	106.6	33.2	680	190	13.4	28.0
H1663	3450	49.0	32.1	540	190	13.7	27.0
H1664	3500	77.1	32.2	630	260	13.6	27.0
H1665	3540	83.9	32.0	640	240	13.7	27.0
H1666	3570	93.2	31.1	660	230	13.8	27.0
H1667	3600	78.8	31.1	720	140	13.8	27.0
H1668	3630	69.5	30.6	620	240	13.9	27.0
H1669	3660	56.3	30.5	620	180	14.0	27.0
H1670	3700	78.4	30.7	590	220	14.0	27.0
H1671	3730	64.9	30.2	670	160	14.0	28.0
H1672	3760	95.6	31.9	660	180	13.7	28.0
H1673	3800	83.6	28.6	600	190	14.3	28.0
H1674	3830	70.9	30.6	570	250	13.9	28.0
H1675	3850	249.7	31.4	720	200	13.8	25.0
H1676	3870	369.8	27.1	460	270	14.7	26.0
H1677	3900	481.3	25.8	550	220	14.9	25.0
H1678	3930	487.5	27.7	610	220	14.5	24.0
H1679	3950	386.3	27.3	520	240	14.6	27.0
H1680	3970	410.9	27.8	540	190	14.5	26.0

Comments:

Total weight and water content relate to >125µm fraction.
 Total sample volume relates to cuttings plus mud.
 Headspace volume relates to atmospheric pressure.
 Gas volume occl. is the volume of the headspace in the ball mill.

Table 2: Water content of different grain size fractions.

IKU-ID	Depth (m)	Water content (wt% of wet material)				IKU-ID	Depth (m)	Water content (wt% of wet material)			
		>4 mm	4-1 mm	1 - 0.125 mm	> 0.125 mm			>4 mm	4-1 mm	1 - 0.125 mm	> 0.125 mm
H1591	1500	n.d.	32.1	n.d.	32.1	H1636	2630	24.5	34.1	39.3	28.3
H1592	1530	n.d.	35.0	n.d.	35.0	H1637	2660	19.1	33.5	39.3	23.2
H1593	1560	29.6	30.7	48.8	33.4	H1638	2680	26.9	33.4	39.7	30.2
H1594	1580	34.9	36.5	48.1	37.0	H1639	2700	25.0	33.3	39.0	29.3
H1595	1600	32.6	36.0	51.3	37.6	H1640	2730	24.1	33.8	39.9	28.5
H1596	1630	31.3	40.9	49.4	36.8	H1641	2760	25.4	32.5	37.3	28.9
H1597	1660	30.2	36.0	45.6	34.5	H1642	2780	24.6	31.8	36.6	29.1
H1598	1680	26.6	38.2	45.7	31.7	H1643	2800	25.1	32.5	37.3	29.3
H1599	1700	30.0	37.7	45.7	34.2	H1644	2830	26.1	32.8	35.0	31.5
H1600	1730	26.3	38.1	46.7	30.5	H1645	2860	24.3	36.0	29.1	29.9
H1601	1760	29.9	38.4	47.0	35.3	H1646	2885	18.8	31.7	33.6	25.9
H1602	1780	32.3	35.7	47.9	36.3	H1647	2900	17.9	29.4	34.0	23.4
H1603	1800	30.5	37.1	45.5	35.5	H1648	2930	24.5	32.1	34.9	27.3
H1604	1830	29.7	39.9	47.6	34.6	H1649	2960	29.9	32.8	28.2	30.0
H1605	1860	30.6	42.1	46.6	38.4	H1650	3000	28.5	36.8	31.3	30.6
H1606	1880	32.9	42.3	48.6	41.0	H1651	3030	25.4	33.1	31.0	28.0
H1607	1900	30.1	41.3	44.7	38.7	H1652	3060	27.3	29.8	29.2	27.9
H1608	1930	29.5	37.9	45.8	36.2	H1653	3100	34.0	37.1	34.3	35.3
H1609	1960	30.4	38.5	44.3	35.3	H1654	3130	34.9	36.2	35.9	35.5
H1610	1980	27.7	39.4	43.3	32.3	H1655	3160	31.8	34.2	29.7	31.6
H1611	2010	27.4	38.3	43.6	34.6	H1656	3200	27.5	33.0	31.7	30.6
H1612	2030	30.0	36.7	46.7	36.1	H1657	3230	30.1	33.4	32.2	31.8
H1613	2060	29.6	39.2	45.7	34.4	H1658	3270	31.1	34.3	30.1	31.7
H1614	2080	27.9	36.0	42.7	31.9	H1659	3300	26.7	32.7	34.0	30.7
H1615	2100	27.2	36.7	44.8	31.3	H1660	3330	24.9	35.6	37.9	33.1
H1616	2130	25.3	35.0	44.1	31.0	H1661	3360	27.6	33.2	37.3	32.2
H1617	2160	21.9	30.5	40.0	26.7	H1662	3400	26.9	33.8	38.9	33.2
H1618	2180	24.1	31.5	40.9	29.1	H1663	3450	31.9	32.9	31.5	32.1
H1619	2200	22.3	31.4	41.9	27.5	H1664	3500	32.4	33.9	28.0	32.2
H1620	2230	22.5	32.3	43.0	27.3	H1665	3540	32.7	33.1	28.4	32.0
H1621	2260	23.6	32.5	42.1	28.1	H1666	3570	30.5	32.9	29.4	31.1
H1622	2280	23.2	32.0	41.1	27.9	H1667	3600	29.2	34.2	30.7	31.1
H1623	2300	20.7	29.3	38.2	25.3	H1668	3630	30.4	31.4	30.6	30.6
H1624	2330	23.3	31.6	37.7	29.0	H1669	3660	30.9	31.9	29.8	30.5
H1625	2360	19.6	33.4	41.1	23.8	H1670	3700	30.2	31.7	30.9	30.7
H1626	2380	21.8	33.5	42.6	26.9	H1671	3730	31.6	28.5	29.2	30.2
H1627	2400	22.4	34.5	41.8	27.1	H1672	3760	30.6	30.7	32.4	31.9
H1628	2430	22.3	33.5	41.3	26.4	H1673	3800	27.3	30.8	28.8	28.6
H1629	2460	23.8	31.9	41.7	27.2	H1674	3830	27.9	28.3	32.1	30.6
H1630	2480	24.1	33.3	42.1	27.9	H1675	3850	33.1	33.2	30.7	31.4
H1631	2500	23.8	32.5	40.5	27.4	H1676	3870	18.5	26.3	35.0	27.1
H1632	2530	22.9	32.2	41.0	26.9	H1677	3900	18.2	25.3	35.8	25.8
H1633	2560	23.9	33.0	38.5	27.4	H1678	3930	18.9	29.0	37.4	27.7
H1634	2580	24.7	32.1	40.0	29.3	H1679	3950	20.3	26.8	35.6	27.3
H1635	2600	23.0	32.2	37.2	26.2	H1680	3970	20.2	26.9	34.2	27.8

Table 3 Yield of hydrocarbons in headspace and occluded gas.

Comments on peak identifications:

- MCyC6 and 1c,2-DMCyC5 coelute.
- The coeluting compounds 1,1,3-TMCyC5 and 2,2-DMC6 appear in most cases as a slight shoulder of the MCyC6 peak and are usually not registered as an individual peak.
- 2,6-DMC6 and 2,2,3-TMC5 coelute.
- "TMCyC5+DMC6" are tentatively identified as 1t,2c,4-TMCyC5 and 3,3-DMC6.
- 1t,2c,3-TMCyC5 is fused with "TMCyC5+DMC6"
- "4-MC7" may contain a coeluting 3,4-DMC6 isomer and a C₃-pentane.
- "3-MC7" may contain coeluting 1c,2t,3-TMCyC5 and possibly 1c,3-DMCyC6.
- "2,2-DMC7" may contain a coeluting DMCyC6 isomer.
- "DMC7(1)" is tentatively identified as 2,5-DMC7.
- "DMC7(2)" is tentatively identified as 3,5-DMC7 + 3,3-DMC7.

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Norsk Hydro well 6507/02-03

YIELD OF HYDROCARBONS IN HEADSPACE GAS (H), OCCLUDED GAS (O) AND SUM HS+OC (S)
(µl/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	H1591/H 1500.00	H1591/O 1500.00	H1591/S 1500.00	H1592/H 1530.00	H1592/O 1530.00	H1592/S 1530.00
C1		10494.83	87.23	10582.06	5418.05	133.00	5551.06
C2ENE		0.00	0.00	0.00	0.00	0.00	0.00
C2		8.78	0.00	8.78	0.00	0.00	0.00
C3ENE		0.00	0.00	0.00	0.00	0.00	0.00
C3		5.47	0.00	5.47	0.00	0.00	0.00
I-C4		0.86	0.00	0.86	0.00	0.00	0.00
C4ENE		0.00	0.00	0.00	0.00	0.00	0.00
N-C4		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC3		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		0.91	0.00	0.91	0.00	0.00	0.00
C5ENE		0.00	0.00	0.00	0.00	0.00	0.00
N-C5		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC4		0.00	0.00	0.00	0.00	0.00	0.00
CYC5		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC4		0.00	0.00	0.00	0.00	0.00	0.00
2-MC5		0.00	0.00	0.00	0.00	0.00	0.00
3-MC5		0.00	0.00	0.00	0.00	0.00	0.00
N-C6		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
MCYC5		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2,2,3-TMC4		0.00	0.00	0.00	0.00	0.00	0.00
BENZENE		0.00	0.00	0.00	0.00	0.00	0.00
3,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
CYC6		0.00	0.00	0.00	0.00	0.00	0.00
2-MC6		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
1,1-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
3-MC6		0.00	0.00	0.00	0.00	0.00	0.00
1C,3-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
1T,3-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
1T,2-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
N-C7		0.00	0.00	0.00	0.00	0.00	0.00
MCYC6		0.00	0.00	0.00	0.00	0.00	0.00
1,1,3-TMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
TMCYC5+DMC6		0.00	0.00	0.00	0.00	0.00	0.00
1T,2C,3-TMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
TOLUENE		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
1,1,2-TMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
2-MC7		0.00	0.00	0.00	0.00	0.00	0.00
4-MC7		0.00	0.00	0.00	0.00	0.00	0.00
3,4-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
3-MC7		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6(1)		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6(2)		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6(3)		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6(4)		0.00	0.00	0.00	0.00	0.00	0.00
N-C8		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=802		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=808		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
ECYC6		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=843		0.00	0.00	0.00	0.00	0.00	0.00
DMC7(1)		0.00	0.00	0.00	0.00	0.00	0.00
DMC7(2)		0.00	0.00	0.00	0.00	0.00	0.00
E-BENZENE		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=858		0.00	0.00	0.00	0.00	0.00	0.00
(M+P)-XYLENE		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=864		0.00	0.00	0.00	0.00	0.00	0.00
2+4-MC8		0.00	0.00	0.00	0.00	0.00	0.00
O-XYLENE		0.00	0.00	0.00	0.00	0.00	0.00
N-C9		0.00	0.00	0.00	0.00	0.00	0.00
Sum:		10510.8	87.2	10598.1	5418.1	133.0	5551.1

IKU Project 24.4417.00

Norsk Hydro well 6507/02-03

YIELD OF HYDROCARBONS IN HEADSPACE GAS (H), OCCLUDED GAS (O) AND SUM HS+OC (S)
(µl/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	H1593/H 1560.00	H1593/O 1560.00	H1593/S 1560.00	H1594/H 1580.00	H1594/O 1580.00	H1594/S 1580.00
C1		860.00	109.83	969.83	40086.32	297.79	40384.11
C2ENE		0.00	3.80	3.80	0.00	17.92	17.92
C2		0.00	4.68	4.68	115.89	17.24	133.13
C3ENE		0.00	0.00	0.00	0.00	12.45	12.45
C3		0.00	4.14	4.14	136.70	26.66	163.36
I-C4		0.00	0.00	0.00	0.00	0.00	0.00
C4ENE		0.00	0.00	0.00	0.00	6.90	6.90
N-C4		0.00	0.00	0.00	0.00	6.33	6.33
2,2-DMC3		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		0.00	0.00	0.00	0.00	7.64	7.64
C5ENE		0.00	0.00	0.00	0.00	0.00	0.00
N-C5		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC4		0.00	0.00	0.00	0.00	0.00	0.00
CYC5		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC4		0.00	0.00	0.00	0.00	0.00	0.00
2-MC5		0.00	0.00	0.00	0.00	0.00	0.00
3-MC5		0.00	0.00	0.00	0.00	0.00	0.00
N-C6		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
MCYC5		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2,2,3-TMC4		0.00	0.00	0.00	0.00	0.00	0.00
BENZENE		0.00	0.00	0.00	0.00	0.00	0.00
3,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
CYC6		0.00	0.00	0.00	0.00	0.00	0.00
2-MC6		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
1,1-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
3-MC6		0.00	0.00	0.00	0.00	0.00	0.00
1C,3-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
1T,3-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
1T,2-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
N-C7		0.00	0.00	0.00	0.00	0.00	0.00
MCYC6		0.00	0.00	0.00	0.00	0.00	0.00
1,1,3-TMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
TMCYC5+DMC6		0.00	0.00	0.00	0.00	0.00	0.00
1T,2C,3-TMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
TOLUENE		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
1,1,2-TMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
2-MC7		0.00	0.00	0.00	0.00	0.00	0.00
4-MC7		0.00	0.00	0.00	0.00	0.00	0.00
3,4-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
3-MC7		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6(1)		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6(2)		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6(3)		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6(4)		0.00	0.00	0.00	0.00	0.00	0.00
N-C8		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=802		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=808		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
ECYC6		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=843		0.00	0.00	0.00	0.00	0.00	0.00
DMC7(1)		0.00	0.00	0.00	0.00	0.00	0.00
DMC7(2)		0.00	0.00	0.00	0.00	0.00	0.00
E-BENZENE		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=858		0.00	0.00	0.00	0.00	0.00	0.00
(M+P)-XYLENE		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=864		0.00	0.00	0.00	0.00	0.00	0.00
2-+4-MC8		0.00	0.00	0.00	0.00	0.00	0.00
O-XYLENE		0.00	0.00	0.00	0.00	0.00	0.00
N-C9		0.00	0.00	0.00	0.00	0.00	0.00
Sum:		860.0	122.5	982.5	40338.9	392.9	40731.8

IKU Project 24.4417.00

Norsk Hydro well 6507/02-03

YIELD OF HYDROCARBONS IN HEADSPACE GAS (H), OCCLUDED GAS (O) AND SUM HS+OC (S)
(µl/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	H1595/H 1600.00	H1595/O 1600.00	H1595/S 1600.00	H1596/H 1630.00	H1596/O 1630.00	H1596/S 1630.00
C1		46812.93	261.54	47074.47	47659.64	125.57	47785.21
C2ENE		0.00	12.12	12.12	0.00	5.83	5.83
C2		158.61	13.86	172.47	144.70	6.50	151.20
C3ENE		0.00	8.50	8.50	0.00	3.82	3.82
C3		231.47	25.25	256.72	215.72	14.40	230.12
I-C4		14.55	0.00	14.55	14.12	2.93	17.06
C4ENE		0.00	0.00	0.00	0.00	0.00	0.00
N-C4		13.71	5.92	19.64	9.39	3.79	13.18
2,2-DMC3		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		9.69	9.76	19.45	8.22	7.60	15.82
C5ENE		0.00	0.00	0.00	0.00	0.00	0.00
N-C5		0.00	0.00	0.00	0.00	2.33	2.33
2,2-DMC4		0.00	0.00	0.00	0.00	0.00	0.00
CYC5		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC4		0.00	0.00	0.00	0.00	0.00	0.00
2-MC5		0.00	0.00	0.00	0.00	2.35	2.35
3-MC5		0.00	0.00	0.00	0.00	0.00	0.00
N-C6		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
MCYC5		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2,2,3-TMC4		0.00	0.00	0.00	0.00	0.00	0.00
BENZENE		0.00	0.00	0.00	0.00	0.00	0.00
3,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
CYC6		0.00	0.00	0.00	0.00	0.00	0.00
2-MC6		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
1,1-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
3-MC6		0.00	0.00	0.00	0.00	0.00	0.00
1C,3-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
1T,3-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
1T,2-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
N-C7		0.00	0.00	0.00	0.00	0.00	0.00
MCYC6		0.00	0.00	0.00	0.00	0.00	0.00
1,1,3-TMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
TMCYC5+DMC6		0.00	0.00	0.00	0.00	0.00	0.00
1T,2C,3-TMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
TOLUENE		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
1,1,2-TMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
2-MC7		0.00	0.00	0.00	0.00	0.00	0.00
4-MC7		0.00	0.00	0.00	0.00	0.00	0.00
3,4-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
3-MC7		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6 (1)		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6 (2)		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6 (3)		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6 (4)		0.00	0.00	0.00	0.00	0.00	0.00
N-C8		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=802		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=808		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
ECYC6		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=843		0.00	0.00	0.00	0.00	0.00	0.00
DMC7 (1)		0.00	0.00	0.00	0.00	0.00	0.00
DMC7 (2)		0.00	0.00	0.00	0.00	0.00	0.00
E-BENZENE		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=858		0.00	0.00	0.00	0.00	0.00	0.00
(M+P)-XYLENE		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=864		0.00	0.00	0.00	0.00	0.00	0.00
2-+4-MC8		0.00	0.00	0.00	6.84	0.00	6.84
O-XYLENE		0.00	0.00	0.00	0.00	0.00	0.00
N-C9		0.00	0.00	0.00	0.00	0.00	0.00
Sum:		47241.0	336.9	47577.9	48058.6	175.1	48233.8

IKU Project 24.4417.00

Norsk Hydro well 6507/02-03

YIELD OF HYDROCARBONS IN HEADSPACE GAS (H), OCCLUDED GAS (O) AND SUM HS+OC (S)
(µl/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	H1597/H 1660.00	H1597/O 1660.00	H1597/S 1660.00	H1598/H 1680.00	H1598/O 1680.00	H1598/S 1680.00
C1		7657.85	36.06	7693.91	10416.57	186.26	10602.83
C2ENE		0.00	0.00	0.00	0.00	13.50	13.50
C2		25.09	0.00	25.09	36.01	13.35	49.37
C3ENE		0.00	0.00	0.00	0.00	9.21	9.21
C3		60.09	3.81	63.90	71.97	17.15	89.12
I-C4		11.18	1.21	12.40	21.32	16.09	37.42
C4ENE		0.00	0.00	0.00	0.00	4.75	4.75
N-C4		0.00	0.00	0.00	0.00	4.72	4.72
2,2-DMC3		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		0.00	0.00	0.00	2.75	10.19	12.94
C5ENE		0.00	0.00	0.00	0.00	0.00	0.00
N-C5		0.00	0.00	0.00	0.00	1.92	1.92
2,2-DMC4		0.00	0.00	0.00	0.00	0.00	0.00
CYC5		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC4		0.00	0.00	0.00	0.00	0.00	0.00
2-MC5		0.00	0.00	0.00	0.00	2.62	2.62
3-MC5		0.00	0.00	0.00	0.00	0.00	0.00
N-C6		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
MCYC5		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2,2,3-TMC4		0.00	0.00	0.00	0.00	0.00	0.00
BENZENE		0.00	0.00	0.00	0.00	0.00	0.00
3,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
CYC6		0.00	0.00	0.00	0.00	0.00	0.00
2-MC6		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
1,1-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
3-MC6		0.00	0.00	0.00	0.00	0.00	0.00
1C,3-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
1T,3-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
1T,2-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
N-C7		0.00	0.00	0.00	0.00	0.00	0.00
MCYC6		0.00	0.00	0.00	0.00	0.00	0.00
1,1,3-TMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
TMCYC5+DMC6		0.00	0.00	0.00	0.00	0.00	0.00
1T,2C,3-TMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
TOLUENE		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
1,1,2-TMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
2-MC7		0.00	0.00	0.00	0.00	0.00	0.00
4-MC7		0.00	0.00	0.00	0.00	0.00	0.00
3,4-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
3-MC7		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6 (1)		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6 (2)		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6 (3)		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6 (4)		0.00	0.00	0.00	0.00	0.00	0.00
N-C8		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=802		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=808		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
ECYC6		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=843		0.00	0.00	0.00	0.00	0.00	0.00
DMC7 (1)		0.00	0.00	0.00	0.00	0.00	0.00
DMC7 (2)		0.00	0.00	0.00	0.00	0.00	0.00
E-BENZENE		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=858		0.00	0.00	0.00	0.00	0.00	0.00
(M+P)-XYLENE		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=864		0.00	0.00	0.00	0.00	0.00	0.00
2-+4-MC8		0.00	0.00	0.00	0.00	0.00	0.00
O-XYLENE		0.00	0.00	0.00	0.00	0.00	0.00
N-C9		0.00	0.00	0.00	0.00	0.00	0.00
Sum:		7754.2	41.1	7795.3	10548.6	279.8	10828.4

IKU Project 24.4417.00

Norsk Hydro well 6507/02-03

YIELD OF HYDROCARBONS IN HEADSPACE GAS (H), OCCLUDED GAS (O) AND SUM HS+OC (S)
(µl/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	H1599/H 1700.00	H1599/O 1700.00	H1599/S 1700.00	H1600/H 1730.00	H1600/O 1730.00	H1600/S 1730.00
C1		52847.55	300.71	53148.25	39098.38	341.65	39440.04
C2ENE		0.00	23.30	23.30	0.00	13.59	13.59
C2		136.53	23.82	160.35	113.70	17.36	131.05
C3ENE		0.00	16.48	16.48	0.00	9.63	9.63
C3		216.56	35.13	251.69	134.67	34.92	169.59
I-C4		62.77	22.34	85.11	23.52	12.35	35.87
C4ENE		0.00	8.75	8.75	0.00	4.01	4.01
N-C4		9.25	8.27	17.52	6.94	6.56	13.50
2,2-DMC3		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		10.44	14.03	24.47	3.08	5.54	8.63
C5ENE		0.00	0.00	0.00	0.00	0.00	0.00
N-C5		0.00	2.85	2.85	0.00	1.78	1.78
2,2-DMC4		0.00	0.00	0.00	0.00	0.00	0.00
CYC5		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC4		0.00	0.00	0.00	0.00	0.00	0.00
2-MC5		0.00	4.20	4.20	0.00	0.00	0.00
3-MC5		0.00	0.00	0.00	0.00	0.00	0.00
N-C6		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
MCYC5		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2,2,3-TMC4		0.00	0.00	0.00	0.00	0.00	0.00
BENZENE		0.00	0.00	0.00	0.00	0.00	0.00
3,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
CYC6		0.00	0.00	0.00	0.00	0.00	0.00
2-MC6		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
1,1-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
3-MC6		0.00	0.00	0.00	0.00	0.00	0.00
1C,3-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
1T,3-DMCYC5		0.00	2.15	2.15	0.00	0.00	0.00
1T,2-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
N-C7		0.00	0.00	0.00	0.00	0.00	0.00
MCYC6		0.00	0.00	0.00	0.00	0.00	0.00
1,1,3-TMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
TMCYC5+DMC6		0.00	0.00	0.00	0.00	0.00	0.00
1T,2C,3-TMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
TOLUENE		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
1,1,2-TMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
2-MC7		0.00	0.00	0.00	0.00	0.00	0.00
4-MC7		0.00	0.00	0.00	0.00	0.00	0.00
3,4-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
3-MC7		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6 (1)		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6 (2)		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6 (3)		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6 (4)		0.00	0.00	0.00	0.00	0.00	0.00
N-C8		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=802		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=808		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
ECYC6		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=843		0.00	0.00	0.00	0.00	0.00	0.00
DMC7 (1)		0.00	3.39	3.39	0.00	0.00	0.00
DMC7 (2)		0.00	0.00	0.00	0.00	0.00	0.00
E-BENZENE		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=858		0.00	0.00	0.00	0.00	0.00	0.00
(M+P)-XYLENE		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=864		0.00	0.00	0.00	0.00	0.00	0.00
2-+4-MC8		5.16	0.00	5.16	4.24	0.00	4.24
O-XYLENE		0.00	0.00	0.00	0.00	0.00	0.00
N-C9		0.00	0.00	0.00	0.00	0.00	0.00
Sum:		53288.3	465.4	53753.7	39384.5	447.4	39831.9

IKU Project 24.4417.00

Norsk Hydro well 6507/02-03

YIELD OF HYDROCARBONS IN HEADSPACE GAS (H), OCCLUDED GAS (O) AND SUM HS+OC (S)
(µl/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	H1601/H 1760.00	H1601/O 1760.00	H1601/S 1760.00	H1602/H 1780.00	H1602/O 1780.00	H1602/S 1780.00
C1		48616.05	306.44	48922.49	37746.20	359.72	38105.92
C2ENE		0.00	3.43	3.43	0.00	10.09	10.09
C2		143.18	6.43	149.60	125.91	13.43	139.34
C3ENE		0.00	2.04	2.04	0.00	6.43	6.43
C3		180.97	17.87	198.84	137.83	33.49	171.32
I-C4		56.48	10.75	67.23	35.85	15.76	51.62
C4ENE		0.00	0.00	0.00	0.00	2.67	2.67
N-C4		12.02	4.83	16.85	9.93	7.77	17.70
2,2-DMC3		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		12.79	10.50	23.28	10.67	14.49	25.16
C5ENE		0.00	0.00	0.00	0.00	0.00	0.00
N-C5		1.91	5.02	6.93	0.00	4.10	4.10
2,2-DMC4		0.00	0.00	0.00	0.00	0.00	0.00
CYC5		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC4		0.00	0.00	0.00	0.00	0.00	0.00
2-MC5		0.00	4.82	4.82	0.00	5.60	5.60
3-MC5		0.00	1.81	1.81	0.00	0.00	0.00
N-C6		0.00	5.58	5.58	0.00	2.09	2.09
2,2-DMC5		0.00	0.00	0.00	3.36	0.00	3.36
MCYC5		0.00	4.81	4.81	0.00	6.32	6.32
2,4-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2,2,3-TMC4		0.00	0.00	0.00	0.00	0.00	0.00
BENZENE		0.00	0.00	0.00	0.00	0.00	0.00
3,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
CYC6		0.00	2.17	2.17	0.00	0.00	0.00
2-MC6		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
1,1-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
3-MC6		0.00	0.00	0.00	0.00	0.00	0.00
1C,3-DMCYC5		0.00	1.98	1.98	0.00	3.64	3.64
1T,3-DMCYC5		0.00	2.33	2.33	0.00	4.43	4.43
1T,2-DMCYC5		0.00	1.56	1.56	0.00	2.20	2.20
N-C7		0.00	3.42	3.42	0.00	0.00	0.00
MCYC6		0.00	6.47	6.47	0.00	0.00	0.00
1,1,3-TMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
TMCYC5+DMC6		0.00	0.00	0.00	0.00	0.00	0.00
1T,2C,3-TMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
TOLUENE		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
1,1,2-TMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
2-MC7		0.00	0.00	0.00	0.00	0.00	0.00
4-MC7		0.00	0.00	0.00	0.00	0.00	0.00
3,4-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
3-MC7		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6(1)		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6(2)		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6(3)		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6(4)		0.00	0.00	0.00	0.00	0.00	0.00
N-C8		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=802		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=808		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
ECYC6		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=843		0.00	0.00	0.00	0.00	0.00	0.00
DMC7(1)		0.00	0.00	0.00	0.00	0.00	0.00
DMC7(2)		0.00	0.00	0.00	0.00	0.00	0.00
E-BENZENE		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=858		0.00	0.00	0.00	0.00	0.00	0.00
(M+P)-XYLENE		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=864		0.00	0.00	0.00	0.00	0.00	0.00
2-+4-MC8		2.18	0.00	2.18	4.41	0.00	4.41
O-XYLENE		0.00	0.00	0.00	0.00	0.00	0.00
N-C9		0.00	0.00	0.00	0.00	0.00	0.00
Sum:		49025.6	402.2	49427.8	38074.2	492.2	38566.4

IKU Project 24.4417.00

Norsk Hydro well 6507/02-03

YIELD OF HYDROCARBONS IN HEADSPACE GAS (H), OCCLUDED GAS (O) AND SUM HS+OC (S)
(µl/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	H1603/H 1800.00	H1603/O 1800.00	H1603/S 1800.00	H1604/H 1830.00	H1604/O 1830.00	H1604/S 1830.00
C1		43053.75	288.68	43342.43	17862.69	248.91	18111.61
C2ENE		0.00	5.76	5.76	0.00	13.55	13.55
C2		112.62	7.31	119.93	45.36	13.98	59.33
C3ENE		0.00	3.37	3.37	0.00	9.47	9.47
C3		111.68	11.93	123.61	44.22	10.54	54.77
I-C4		29.46	5.68	35.14	10.22	2.28	12.50
C4ENE		0.00	0.00	0.00	0.00	5.66	5.66
N-C4		9.56	4.10	13.66	3.95	3.40	7.35
2,2-DMC3		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		9.78	6.42	16.20	3.00	2.81	5.81
C5ENE		0.00	0.00	0.00	0.00	0.00	0.00
N-C5		0.00	2.10	2.10	0.00	0.00	0.00
2,2-DMC4		0.00	0.00	0.00	0.00	0.00	0.00
CYC5		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC4		0.00	0.00	0.00	0.00	0.00	0.00
2-MC5		0.00	3.46	3.46	0.00	0.00	0.00
3-MC5		0.00	0.00	0.00	0.00	0.00	0.00
N-C6		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
MCYC5		0.00	2.82	2.82	0.00	0.00	0.00
2,4-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2,2,3-TMC4		0.00	0.00	0.00	0.00	0.00	0.00
BENZENE		0.00	0.00	0.00	0.00	0.00	0.00
3,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
CYC6		0.00	0.00	0.00	0.00	0.00	0.00
2-MC6		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
1,1-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
3-MC6		0.00	0.00	0.00	0.00	0.00	0.00
1C,3-DMCYC5		0.00	2.19	2.19	0.00	0.00	0.00
1T,3-DMCYC5		0.00	2.42	2.42	0.00	0.00	0.00
1T,2-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
N-C7		0.00	0.00	0.00	0.00	0.00	0.00
MCYC6		0.00	0.00	0.00	0.00	0.00	0.00
1,1,3-TMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
TMCYC5+DMC6		0.00	0.00	0.00	0.00	0.00	0.00
1T,2C,3-TMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
TOLUENE		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
1,1,2-TMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
2-MC7		0.00	0.00	0.00	0.00	0.00	0.00
4-MC7		0.00	0.00	0.00	0.00	0.00	0.00
3,4-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
3-MC7		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6(1)		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6(2)		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6(3)		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6(4)		0.00	0.00	0.00	0.00	0.00	0.00
N-C8		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=802		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=808		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
ECYC6		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=843		0.00	0.00	0.00	0.00	0.00	0.00
DMC7(1)		0.00	0.00	0.00	0.00	0.00	0.00
DMC7(2)		0.00	0.00	0.00	0.00	0.00	0.00
E-BENZENE		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=858		0.00	0.00	0.00	0.00	0.00	0.00
(M+P)-XYLENE		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=864		0.00	0.00	0.00	0.00	0.00	0.00
2-+4-MC8		5.43	0.00	5.43	2.36	0.00	2.36
O-XYLENE		0.00	0.00	0.00	0.00	0.00	0.00
N-C9		0.00	0.00	0.00	0.00	0.00	0.00
Sum:		43332.3	346.2	43678.5	17971.8	310.6	18282.4

IKU Project 24.4417.00

Norsk Hydro well 6507/02-03

YIELD OF HYDROCARBONS IN HEADSPACE GAS (H), OCCLUDED GAS (O) AND SUM HS+OC (S)
(µl/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	H1605/H 1860.00	H1605/O 1860.00	H1605/S 1860.00	H1606/H 1880.00	H1606/O 1880.00	H1606/S 1880.00
C1		27012.17	495.43	27507.60	15503.13	292.15	15795.28
C2ENE		0.00	10.31	10.31	0.00	19.29	19.29
C2		39.92	10.39	50.31	29.02	15.35	44.36
C3ENE		0.00	7.29	7.29	0.00	13.21	13.21
C3		20.05	4.54	24.60	10.28	6.88	17.16
I-C4		4.47	0.00	4.47	2.10	0.00	2.10
C4ENE		0.00	4.41	4.41	0.00	7.51	7.51
N-C4		1.53	0.00	1.53	0.00	2.12	2.12
2,2-DMC3		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		1.99	0.00	1.99	1.07	0.00	1.07
C5ENE		0.00	0.00	0.00	0.00	0.00	0.00
N-C5		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC4		0.00	0.00	0.00	0.00	0.00	0.00
CYC5		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC4		0.00	0.00	0.00	0.00	0.00	0.00
2-MC5		0.00	0.00	0.00	0.00	0.00	0.00
3-MC5		0.00	0.00	0.00	0.00	0.00	0.00
N-C6		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
MCYC5		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2,2,3-TMC4		0.00	0.00	0.00	0.00	0.00	0.00
BENZENE		0.00	0.00	0.00	0.00	0.00	0.00
3,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
CYC6		0.00	0.00	0.00	0.00	0.00	0.00
2-MC6		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
1,1-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
3-MC6		0.00	0.00	0.00	0.00	0.00	0.00
1C,3-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
1T,3-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
1T,2-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
N-C7		0.00	0.00	0.00	0.00	0.00	0.00
MCYC6		0.00	0.00	0.00	0.00	0.00	0.00
1,1,3-TMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
TMCYC5+DMC6		0.00	0.00	0.00	0.00	0.00	0.00
1T,2C,3-TMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
TOLUENE		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
1,1,2-TMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
2-MC7		0.00	0.00	0.00	0.00	0.00	0.00
4-MC7		0.00	0.00	0.00	0.00	0.00	0.00
3,4-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
3-MC7		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6(1)		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6(2)		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6(3)		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6(4)		0.00	0.00	0.00	0.00	0.00	0.00
N-C8		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=802		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=808		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
ECYC6		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=843		0.00	0.00	0.00	0.00	0.00	0.00
DMC7(1)		0.00	0.00	0.00	0.00	0.00	0.00
DMC7(2)		0.00	0.00	0.00	0.00	0.00	0.00
E-BENZENE		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=858		0.00	0.00	0.00	0.00	0.00	0.00
(M+P)-XYLENE		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=864		0.00	0.00	0.00	0.00	0.00	0.00
2-+4-MC8		1.53	0.00	1.53	2.14	0.00	2.14
O-XYLENE		0.00	0.00	0.00	0.00	0.00	0.00
N-C9		0.00	0.00	0.00	0.00	0.00	0.00
Sum:		27081.7	532.4	27614.0	15547.7	356.5	15904.2

IKU Project 24.4417.00

Norsk Hydro well 6507/02-03

YIELD OF HYDROCARBONS IN HEADSPACE GAS (H), OCCLUDED GAS (O) AND SUM HS+OC (S)
(µl/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	H1607/H 1900.00	H1607/O 1900.00	H1607/S 1900.00	H1608/H 1930.00	H1608/O 1930.00	H1608/S 1930.00
C1		16873.67	346.89	17220.56	9483.53	134.24	9617.78
C2ENE		0.00	9.16	9.16	0.00	9.05	9.05
C2		51.05	8.79	59.84	39.69	6.77	46.46
C3ENE		0.00	6.76	6.76	0.00	5.77	5.77
C3		23.63	4.57	28.21	2.41	2.05	4.46
I-C4		4.56	0.00	4.56	0.00	0.00	0.00
C4ENE		0.00	3.84	3.84	0.00	2.97	2.97
N-C4		1.60	0.00	1.60	0.00	0.00	0.00
2,2-DMC3		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		2.45	0.00	2.45	0.00	0.00	0.00
C5ENE		0.00	0.00	0.00	0.00	0.00	0.00
N-C5		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC4		0.00	0.00	0.00	0.00	0.00	0.00
CYC5		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC4		0.00	0.00	0.00	0.00	0.00	0.00
2-MC5		0.00	0.00	0.00	0.00	0.00	0.00
3-MC5		0.00	0.00	0.00	0.00	0.00	0.00
N-C6		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
MCYC5		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2,2,3-TMC4		0.00	0.00	0.00	0.00	0.00	0.00
BENZENE		0.00	0.00	0.00	0.00	0.00	0.00
3,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
CYC6		0.00	0.00	0.00	0.00	0.00	0.00
2-MC6		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
1,1-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
3-MC6		0.00	0.00	0.00	0.00	0.00	0.00
1C,3-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
1T,3-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
1T,2-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
N-C7		0.00	0.00	0.00	0.00	0.00	0.00
MCYC6		0.00	0.00	0.00	0.00	0.00	0.00
1,1,3-TMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
TMCYC5+DMC6		0.00	0.00	0.00	0.00	0.00	0.00
1T,2C,3-TMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
TOLUENE		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
1,1,2-TMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
2-MC7		0.00	0.00	0.00	0.00	0.00	0.00
4-MC7		0.00	0.00	0.00	0.00	0.00	0.00
3,4-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
3-MC7		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6 (1)		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6 (2)		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6 (3)		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6 (4)		0.00	0.00	0.00	0.00	0.00	0.00
N-C8		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=802		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=808		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
ECYC6		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=843		0.00	0.00	0.00	0.00	0.00	0.00
DMC7 (1)		0.00	0.00	0.00	0.00	0.00	0.00
DMC7 (2)		0.00	0.00	0.00	0.00	0.00	0.00
E-BENZENE		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=858		0.00	0.00	0.00	0.00	0.00	0.00
(M+P)-XYLENE		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=864		0.00	0.00	0.00	0.00	0.00	0.00
2-+4-MC8		1.47	0.00	1.47	0.00	0.00	0.00
O-XYLENE		0.00	0.00	0.00	0.00	0.00	0.00
N-C9		0.00	0.00	0.00	0.00	0.00	0.00
Sum:		16958.4	380.0	17338.4	9525.6	160.8	9686.5

YIELD OF HYDROCARBONS IN HEADSPACE GAS (H), OCCLUDED GAS (O) AND SUM HS+OC (S)
(µl/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	H1609/H 1960.00	H1609/O 1960.00	H1609/S 1960.00	H1610/H 1980.00	H1610/O 1980.00	H1610/S 1980.00
C1		29651.96	524.92	30176.88	52086.08	580.00	52666.08
C2ENE		0.00	7.21	7.21	0.00	7.81	7.81
C2		89.30	10.22	99.52	144.24	13.67	157.91
C3ENE		0.00	5.42	5.42	0.00	5.32	5.32
C3		8.42	11.47	19.90	13.17	15.15	28.32
I-C4		1.53	0.00	1.53	2.53	0.00	2.53
C4ENE		0.00	2.64	2.64	0.00	2.47	2.47
N-C4		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC3		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		0.00	0.00	0.00	0.00	0.00	0.00
C5ENE		0.00	0.00	0.00	0.00	0.00	0.00
N-C5		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC4		0.00	0.00	0.00	0.00	0.00	0.00
CYC5		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC4		0.00	0.00	0.00	0.00	0.00	0.00
2-MC5		0.00	0.00	0.00	0.00	0.00	0.00
3-MC5		0.00	0.00	0.00	0.00	0.00	0.00
N-C6		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
MCYC5		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2,2,3-TMC4		0.00	0.00	0.00	0.00	0.00	0.00
BENZENE		0.00	0.00	0.00	0.00	0.00	0.00
3,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
CYC6		0.00	0.00	0.00	0.00	0.00	0.00
2-MC6		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
1,1-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
3-MC6		0.00	0.00	0.00	0.00	0.00	0.00
1C,3-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
1T,3-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
1T,2-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
N-C7		0.00	0.00	0.00	0.00	0.00	0.00
MCYC6		0.00	0.00	0.00	0.00	0.00	0.00
1,1,3-TMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
TMCYC5+DMC6		0.00	0.00	0.00	0.00	0.00	0.00
1T,2C,3-TMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
TOLUENE		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
1,1,2-TMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
2-MC7		0.00	0.00	0.00	0.00	0.00	0.00
4-MC7		0.00	0.00	0.00	0.00	0.00	0.00
3,4-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
3-MC7		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6 (1)		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6 (2)		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6 (3)		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6 (4)		0.00	0.00	0.00	0.00	0.00	0.00
N-C8		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=802		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=808		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
ECYC6		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=843		0.00	0.00	0.00	0.00	0.00	0.00
DMC7 (1)		0.00	0.00	0.00	0.00	0.00	0.00
DMC7 (2)		0.00	0.00	0.00	0.00	0.00	0.00
E-BENZENE		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=858		0.00	0.00	0.00	0.00	0.00	0.00
(M+P)-XYLENE		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=864		0.00	0.00	0.00	0.00	0.00	0.00
2-+4-MC8		0.00	0.00	0.00	0.00	0.00	0.00
O-XYLENE		0.00	0.00	0.00	0.00	0.00	0.00
N-C9		0.00	0.00	0.00	0.00	0.00	0.00
Sum:		29751.2	561.9	30313.1	52246.0	624.4	52870.5

IKU Project 24.4417.00

Norsk Hydro well 6507/02-03

YIELD OF HYDROCARBONS IN HEADSPACE GAS (H), OCCLUDED GAS (O) AND SUM HS+OC (S)
(µl/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	H1611/H 2010.00	H1611/O 2010.00	H1611/S 2010.00	H1612/H 2030.00	H1612/O 2030.00	H1612/S 2030.00
C1		19223.46	343.51	19566.98	8557.92	99.63	8657.55
C2ENE		0.00	21.47	21.47	0.00	0.00	0.00
C2		93.18	23.26	116.44	36.72	2.47	39.19
C3ENE		1.76	14.90	16.66	0.00	0.00	0.00
C3		11.84	16.76	28.60	4.29	0.00	4.29
I-C4		1.68	2.58	4.26	0.00	0.00	0.00
C4ENE		0.67	8.64	9.30	0.00	0.00	0.00
N-C4		0.82	3.58	4.40	0.00	0.00	0.00
2,2-DMC3		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		0.00	1.93	1.93	0.00	0.00	0.00
C5ENE		0.00	0.00	0.00	0.00	0.00	0.00
N-C5		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC4		0.00	0.00	0.00	0.00	0.00	0.00
CYC5		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC4		0.00	0.00	0.00	0.00	0.00	0.00
2-MC5		0.00	0.00	0.00	0.00	0.00	0.00
3-MC5		0.00	0.00	0.00	0.00	0.00	0.00
N-C6		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
MCYC5		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2,2,3-TMC4		0.00	0.00	0.00	0.00	0.00	0.00
BENZENE		0.00	0.00	0.00	0.00	0.00	0.00
3,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
CYC6		0.00	0.00	0.00	0.00	0.00	0.00
2-MC6		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
1,1-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
3-MC6		0.00	0.00	0.00	0.00	0.00	0.00
1C,3-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
1T,3-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
1T,2-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
N-C7		0.00	0.00	0.00	0.00	0.00	0.00
MCYC6		0.00	0.00	0.00	0.00	0.00	0.00
1,1,3-TMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
TMCYC5+DMC6		0.00	0.00	0.00	0.00	0.00	0.00
1T,2C,3-TMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
TOLUENE		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
1,1,2-TMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
2-MC7		0.00	0.00	0.00	0.00	0.00	0.00
4-MC7		0.00	0.00	0.00	0.00	0.00	0.00
3,4-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
3-MC7		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6 (1)		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6 (2)		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6 (3)		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6 (4)		0.00	0.00	0.00	0.00	0.00	0.00
N-C8		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=802		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=808		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
ECYC6		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=843		0.00	0.00	0.00	0.00	0.00	0.00
DMC7 (1)		0.00	0.00	0.00	0.00	0.00	0.00
DMC7 (2)		0.00	0.00	0.00	0.00	0.00	0.00
E-BENZENE		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=858		0.00	0.00	0.00	0.00	0.00	0.00
(M+P)-XYLENE		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=864		0.00	0.00	0.00	0.00	0.00	0.00
2-+4-MC8		0.00	0.00	0.00	0.00	0.00	0.00
O-XYLENE		0.00	0.00	0.00	0.00	0.00	0.00
N-C9		0.00	0.00	0.00	0.00	0.00	0.00
Sum:		19333.4	436.6	19770.0	8598.9	102.1	8701.0

IKU Project 24.4417.00

Norsk Hydro well 6507/02-03

YIELD OF HYDROCARBONS IN HEADSPACE GAS (H), OCCLUDED GAS (O) AND SUM HS+OC (S)
(µl/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	H1613/H 2060.00	H1613/O 2060.00	H1613/S 2060.00	H1614/H 2080.00	H1614/O 2080.00	H1614/S 2080.00
C1		3693.84	64.07	3757.91	3658.07	60.03	3718.10
C2ENE		0.00	0.00	0.00	0.00	3.96	3.96
C2		18.37	3.01	21.38	25.64	3.65	29.29
C3ENE		0.00	0.00	0.00	0.00	1.65	1.65
C3		6.45	0.00	6.45	7.90	0.00	7.90
I-C4		0.00	0.00	0.00	1.63	0.00	1.63
C4ENE		0.00	0.00	0.00	0.00	0.00	0.00
N-C4		0.00	0.00	0.00	1.76	0.00	1.76
2,2-DMC3		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		0.00	0.00	0.00	0.00	0.00	0.00
C5ENE		0.00	0.00	0.00	0.00	0.00	0.00
N-C5		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC4		0.00	0.00	0.00	0.00	0.00	0.00
CYC5		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC4		0.00	0.00	0.00	0.00	0.00	0.00
2-MC5		0.00	0.00	0.00	0.00	0.00	0.00
3-MC5		0.00	0.00	0.00	0.00	0.00	0.00
N-C6		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
MCYC5		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2,2,3-TMC4		0.00	0.00	0.00	0.00	0.00	0.00
BENZENE		0.00	0.00	0.00	0.00	0.00	0.00
3,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
CYC6		0.00	0.00	0.00	0.00	0.00	0.00
2-MC6		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
1,1-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
3-MC6		0.00	0.00	0.00	0.00	0.00	0.00
1C,3-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
1T,3-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
1T,2-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
N-C7		0.00	0.00	0.00	0.00	0.00	0.00
MCYC6		0.00	0.00	0.00	0.00	0.00	0.00
1,1,3-TMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
TMCYC5+DMC6		0.00	0.00	0.00	0.00	0.00	0.00
1T,2C,3-TMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
TOLUENE		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
1,1,2-TMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
2-MC7		0.00	0.00	0.00	0.00	0.00	0.00
4-MC7		0.00	0.00	0.00	0.00	0.00	0.00
3,4-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
3-MC7		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6(1)		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6(2)		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6(3)		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6(4)		0.00	0.00	0.00	0.00	0.00	0.00
N-C8		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=802		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=808		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
ECYC6		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=843		0.00	0.00	0.00	0.00	0.00	0.00
DMC7(1)		0.00	0.00	0.00	0.00	0.00	0.00
DMC7(2)		0.00	0.00	0.00	0.00	0.00	0.00
E-BENZENE		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=858		0.00	0.00	0.00	0.00	0.00	0.00
(M+P)-XYLENE		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=864		0.00	0.00	0.00	0.00	0.00	0.00
2-+4-MC8		0.00	0.00	0.00	0.00	0.00	0.00
O-XYLENE		0.00	0.00	0.00	0.00	0.00	0.00
N-C9		0.00	0.00	0.00	0.00	0.00	0.00
Sum:		3718.7	67.1	3785.7	3695.0	69.3	3764.3

IKU Project 24.4417.00

Norsk Hydro well 6507/02-03

YIELD OF HYDROCARBONS IN HEADSPACE GAS (H), OCCLUDED GAS (O) AND SUM HS+OC (S)
(µl/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	H1615/H 2100.00	H1615/O 2100.00	H1615/S 2100.00	H1616/H 2130.00	H1616/O 2130.00	H1616/S 2130.00
C1		5406.24	115.81	5522.04	5904.38	80.49	5984.87
C2ENE		0.00	4.70	4.70	0.00	6.38	6.38
C2		43.71	4.45	48.16	70.22	5.44	75.66
C3ENE		0.00	2.70	2.70	0.00	3.49	3.49
C3		14.10	0.00	14.10	25.22	2.34	27.56
I-C4		3.41	0.00	3.41	6.35	0.00	6.35
C4ENE		0.00	0.00	0.00	0.00	0.00	0.00
N-C4		3.33	0.00	3.33	6.11	0.00	6.11
2,2-DMC3		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		2.47	0.00	2.47	4.32	2.80	7.12
C5ENE		0.00	0.00	0.00	0.00	0.00	0.00
N-C5		1.46	0.00	1.46	2.00	2.13	4.13
2,2-DMC4		0.00	0.00	0.00	0.00	0.00	0.00
CYC5		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC4		0.00	0.00	0.00	0.00	0.00	0.00
2-MC5		0.00	0.00	0.00	0.00	0.00	0.00
3-MC5		0.00	0.00	0.00	0.00	0.00	0.00
N-C6		0.00	0.00	0.00	0.00	1.81	1.81
2,2-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
MCYC5		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2,2,3-TMC4		0.00	0.00	0.00	0.00	0.00	0.00
BENZENE		0.00	0.00	0.00	0.00	0.00	0.00
3,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
CYC6		0.00	0.00	0.00	0.00	0.00	0.00
2-MC6		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
1,1-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
3-MC6		0.00	0.00	0.00	0.00	0.00	0.00
1C,3-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
1T,3-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
1T,2-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
N-C7		0.00	0.00	0.00	0.00	2.43	2.43
MCYC6		0.00	0.00	0.00	0.00	0.00	0.00
1,1,3-TMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
TMCYC5+DMC6		0.00	0.00	0.00	0.00	0.00	0.00
1T,2C,3-TMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
TOLUENE		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
1,1,2-TMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
2-MC7		0.00	0.00	0.00	0.00	0.00	0.00
4-MC7		0.00	0.00	0.00	0.00	0.00	0.00
3,4-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
3-MC7		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6 (1)		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6 (2)		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6 (3)		0.00	0.00	0.00	0.00	0.00	0.00
DMCYC6 (4)		0.00	0.00	0.00	0.00	0.00	0.00
N-C8		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=802		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=808		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
ECYC6		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=843		0.00	0.00	0.00	0.00	0.00	0.00
DMC7 (1)		0.00	0.00	0.00	0.00	0.00	0.00
DMC7 (2)		0.00	0.00	0.00	0.00	0.00	0.00
E-BENZENE		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=858		0.00	0.00	0.00	0.00	0.00	0.00
(M+P)-XYLENE		0.00	0.00	0.00	0.00	0.00	0.00
?, RI=864		0.00	0.00	0.00	0.00	0.00	0.00
2-+4-MC8		0.00	0.00	0.00	0.00	0.00	0.00
O-XYLENE		0.00	0.00	0.00	0.00	0.00	0.00
N-C9		0.00	0.00	0.00	0.00	0.00	0.00
Sum:		5474.7	127.7	5602.4	6018.6	107.3	6125.9