

CORE ANALYSIS

00/08-28-040-04W5/00

Well : GULF ET AL GILBY 8-28-40-4
 Field : Gilby
 Zone : Rundle
 Status : Pumping Oil
 Core ID : 72809
 Sample(s) : 1

Lab : Core Lab Canada Ltd.
 Anal Date : Jan 16 1991
 Core Type : Diamond
 Fluid : Water Base
 Interval : 2266.6 - 2284.6 m
 Recovered : 18.0 m

Well No : 229840
 Primary Form : Pekisko
 Top Form : Pekisko
 Base Form : Pekisko
 KB Elevation : 978.1 m
 Finish Drill Date : Jan 15 1991

Interval Depth (m)	Length (m)	K-Max (mD)	Permeability			K-Vert (mD)	Porosity		Grain Density (g/cc)	Saturation		Lithology
			K*h (mD)	K-90 (mD)			Por'h (%)	Oil (%)		H2O (%)		
2266.60	0.30	3.61	1.0830	3.01	2.65	10.6	3.180	2.690	38.4	6.6	Is i ppv	
2266.90	0.44	3.66	1.6104	3.55	2.93	11.2	4.928	2.680	10.6	1.8	Is i ppv	
2267.34	0.18	0.02	0.0036	0.02		2.4	0.432	2.670	37.4	15.0	Is i ppv	
2267.52	0.17	0.08	0.0136	0.07	0.01	4.0	0.680	2.670		73.5	Is i ppv	
2267.69	0.23	0.07	0.0161	0.07	0.01	1.5	0.345	2.680	39.0	6.7	Is i ppv sty lam api 22.0	
2267.92	0.19	0.02	0.0038	0.02		2.7	0.513	2.680	21.9	4.7	Is i lam	
2268.11	0.16	1.13	0.1808	1.07	0.18	7.6	1.216	2.690	9.6	2.0	Is i ppv sty	
2268.27	0.26	3.11	0.8086	2.31	1.45	10.1	2.626	2.690	11.4	2.0	Is i ppv	
2268.53	0.15	4.25	0.6375	3.70	0.32	11.5	1.725	2.690	13.5	1.9	Is i ppv	
2268.68	0.17	1.44	0.2448	1.25	0.17	7.0	1.190	2.690	18.0	2.2	Is i ppv api 24.0	
2268.85	0.31	0.05	0.0155	0.05	0.01	3.8	1.178	2.670	36.0	10.0	Is i lam	
2269.16	0.26	1.88	0.4888	1.45	0.16	3.4	0.884	2.690	46.1	7.9	Is i sty vfrac	
2269.42	0.35	0.32	0.1120	0.13	0.06	3.6	1.260	2.700	37.9	10.5	Is i ppv sty	
2269.77	0.15	0.21	0.0315	0.19	0.22	3.7	0.555	2.690	50.6	8.7	Is i ppv sty carb pyr vfrac	
2269.92	0.27	0.33	0.0891	0.31	0.23	5.4	1.458	2.700	38.6	10.7	Is i ppv	
2270.19	0.17	0.06	0.0102	0.06	0.05	4.0	0.680	2.690	33.5	4.8	Is i ppv sty foss	
2270.36	0.12	0.73	0.0876	0.17	0.07	6.4	0.768	2.700	11.7	3.2	Is i ppv foss	
2270.48	0.28	4.63	1.2964	2.05	0.48	6.4	1.792	2.680	8.2	3.3	Is i ppv	
2270.76	0.17	0.35	0.0595	0.20	0.05	4.2	0.714	2.680	12.4	2.1	Is i ppv	
2270.93	0.12	12.20	1.4640	11.30	8.62	9.9	1.188	2.690	13.5	4.6	Is i ppv	
2271.05	0.29	8.48	2.4592	8.21	5.51	8.7	2.523	2.690	12.8	1.8	Is i ppv	
2271.34	0.27	1.81	0.4887	1.59	0.06	5.8	1.566	2.690	19.7	5.5	Is i ppv	
2271.61	0.30	0.56	0.1680	0.56	0.53	5.8	1.740	2.690	8.5	3.4	Is i ppv	
2271.91	0.25	2.88	0.7200	2.88	1.58	7.3	1.825	2.690	9.5	3.8	Is i ppv	
2272.16	0.28	9.09	2.5452	8.06	2.87	8.2	2.296	2.690	7.0	2.8	Is i ppv	
2272.44	0.28	3.17	0.8876	2.34	0.49	6.5	1.820	2.690	10.9	3.0	Is i ppv	
2272.72	0.20	3.17	0.6340	2.77	2.60	7.1	1.420	2.690	7.1	2.9	Is i ppv	
2272.92	0.23			7.18		8.7	2.001	2.690	6.5	2.6	Is i ppv vfrac	
2273.15	0.14	6.94	0.9716	6.15	4.86	7.0	0.980	2.690	7.6	3.0	Is i ppv	
2273.29	0.26	6.04	1.5704	5.66	4.79	8.0	2.080	2.690	13.4	2.8	Is i ppv api 19.0	
2273.55	0.30	5.79	1.7370	5.29	5.95	7.8	2.340	2.690	12.3	2.6	Is i ppv	
2273.85	0.25	1.30	0.3250	1.30	1.23	6.4	1.600	2.690	11.8	3.3	Is i ppv	
2274.10	0.28	2.22	0.6216	2.22	1.31	6.9	1.932	2.690	12.9	2.8	Is i ppv	
2274.38	0.19	3.40	0.6460	3.40	3.31	8.0	1.520	2.690	12.0	2.5	Is i ppv	
2274.57	0.23	1.66	0.3818	1.59	1.28	6.8	1.564	2.690	13.2	2.8	Is i ppv	
2274.80	0.16	0.48	0.0768	0.46	0.09	3.5	0.560	2.700	17.2	3.7	Is i ppv	
2274.96	0.30	2.21	0.6630	2.12	1.90	7.3	2.190	2.690	13.3	2.8	Is i ppv	
2275.26	0.31	2.17	0.6727	2.02	1.95	7.7	2.387	2.690	21.3	2.6	Is i ppv	
2275.57	0.19	0.97	0.1843	0.90	0.84	6.9	1.311	2.690	18.7	3.2	Is i ppv	
2275.76	0.21	0.72	0.1512	0.67	0.67	6.6	1.386	2.690	8.9	3.5	Is i ppv	
2275.97	0.20	0.45	0.0900	0.43	0.21	6.4	1.280	2.690	15.1	3.2	Is i ppv	
2276.17	0.31	1.09	0.3379	0.97	0.64	7.4	2.294	2.690	14.1	3.0	Is i ppv	
2276.48	0.29	1.11	0.3219	1.05	0.25	6.8	1.972	2.690	17.0	3.6	Is i ppv	
2276.77	0.40	1.85	0.7400	1.72	1.66	7.9	3.160	2.690	15.3	7.9	Is i ppv api 22.0	
2277.17	0.21	0.42	0.0882	0.39	0.16	6.5	1.365	2.700	18.0	7.2	Is i ppv	
2277.38	0.33	0.36	0.1188	0.35	0.08	6.0	1.980	2.690	22.5	6.2	Is i ppv	
2277.71	0.30	0.36	0.1080	0.33	0.03	5.9	1.770	2.690	14.2	4.5	Is i ppv sty	
2278.01	0.20	0.87	0.1740	0.79	0.04	7.1	1.420	2.690	19.1	2.7	Is i ppv sty api 23.0	
2278.21	0.24	2.19	0.5256	1.90	0.13	7.7	1.848	2.680	22.8	3.3	Is i ppv	
2278.45	0.15	0.49	0.0735	0.42		6.2	0.930	2.690	17.0	2.4	Is i ppv	
2278.60	0.22	1.22	0.2684	1.04	0.06	7.5	1.650	2.680	21.2	6.1	Is i ppv	
2278.82	0.21	0.83	0.1743	0.80	0.07	7.4	1.554	2.680	17.6	3.7	Is i ppv	
2279.03	0.21	0.83	0.1743	0.70	0.04	7.5	1.575	2.700	22.9	3.9	Is i ppv sv	
2279.24	0.22	1.10	0.2420	0.92	0.13	7.6	1.672	2.690	19.9	4.3	Is i ppv sv	
2279.46	0.15	0.68	0.1020	0.65	0.05	7.0	1.050	2.690	30.7	6.5	Is i ppv	

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 Zone : Rundle
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Lab : Core Lab Canada Ltd.
 Anal Date : Jan 16 1991
 Core Type : Diamond
 Fluid : Water Base

Well No : 229840
 Primary Form : Pekisko
 Top Form : Pekisko
 Base Form : Pekisko

Core ID : 72809
 Sample(s) : 1

Interval : 2266.6 - 2284.6 m
 Recovered : 18.0 m

KB Elevation : 978.1 m
 Finish Drill Date : Jan 15 1991

Interval Depth (m)	Length (m)	Permeability				Porosity		Grain Density (g/cc)	Saturation		Lithology
		K-Max (mD)	K*h (mD)	K-90 (mD)	K-Vert (mD)	(%) Por*h	(%) Oil		(%) H2O		
2279.61	0.24	0.24	0.0576	0.22		5.4	1.296	2.680	29.4	8.7	ls i ppv
2279.85	0.17	0.77	0.1309	0.73	0.05	7.6	1.292	2.680	16.9	3.6	ls i ppv
2280.02	0.15	0.93	0.1395	0.76	0.03	5.7	0.855	2.690	15.5	3.3	ls i ppv sv
2280.17	0.20	0.70	0.1400	0.70	0.06	7.1	1.420	2.680	20.5	4.4	ls i ppv sv
2280.37	0.19	0.88	0.1672	0.76	0.10	7.2	1.368	2.680	16.1	3.4	ls i ppv
2280.56	0.15	0.34	0.0510	0.34	0.03	6.1	0.915	2.680	27.0	7.7	ls i ppv sv
2280.71	0.23	0.28	0.0644	0.25	0.16	6.3	1.449	2.680	29.9	5.5	ls i ppv sv foss
2280.94	0.17	1.28	0.2176	1.23	0.05	7.0	1.190	2.680	32.7	5.6	ls i ppv sv foss
2281.11	0.17	2.86	0.4862	2.30	0.07	7.3	1.241	2.680	17.6	5.0	ls i ppv sv foss api 22.0
2281.28	0.26	1.71	0.4446	1.59	0.14	7.6	1.976	2.680	7.9	3.2	ls i ppv sv
2281.54	0.26	1.89	0.4914	1.48	0.08	7.3	1.898	2.670	18.9	3.3	ls i ppv sv
2281.80	0.27	0.79	0.2133	0.76	0.72	6.2	1.674	2.680	19.3	6.6	ls i ppv sv
2282.07	0.22	0.25	0.0550	0.22	0.19	6.0	1.320	2.690	22.6	3.2	ls i ppv sty api 24.0
2282.29	0.22	0.23	0.0506	0.20	0.19	5.6	1.232	2.680	18.8	3.2	ls i ppv
2282.51	0.30	0.53	0.1590	0.21		4.9	1.470	2.680	35.2	7.5	ls i ppv
2282.81	0.23	0.61	0.1403	0.57	0.56	7.1	1.633	2.690	24.9	3.6	ls i ppv sv foss
2283.04	0.36	0.35	0.1260	0.32	0.27	6.5	2.340	2.680	42.8	4.7	ls i ppv sv sty foss
2283.40	0.60	4.09	2.4540	4.09	3.43	7.7	4.620	2.690	31.6	3.1	ls i ppv foss api 20.0
2284.00	0.60	2.72	1.6320	2.40	2.36	7.6	4.560	2.680	17.1	8.9	ls i ppv foss