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6/19/91

CORE ANALYSIS RESULTS

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Company PRESTON OIL COMPANY Formation _____ File CP-I-6876
Well B. G. S. GEARY NO. 2039 Core Type DIAMOND Date Report 2-5-69
Field GRANNYS CREEK Drilling Fluid WATER BASE MUD Analysts BOYLE
County CLAY State W. VA. Elev. _____ Location _____

Lithological Abbreviations

SAND - SD SHALE - SH LIME - LM	DOLOMITE - DOL CHERT - CH GYPSUM - GYP	ANHYDRITE - ANHY CONGLOMERATE - CONG FOSSILIFEROUS - FOSS	SANDY - SVT SANDY - SHY LIMY - LMY	FINE - FR MEDIUM - MED COARSE - CSE	CRYSTALLINE - XLM GRAIN - GRN GRANULAR - GRNL	BROWN - BRN GRAY - GRV UGLY - UGV	FRACTURED - FRA LAMINATION - LAM STYLOLITIC - STY	SLIGHTLY - SL VERY - V/ WITH - W/
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SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCY		POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE		SAMPLE DESCRIPTION AND REMARKS
		PERM. MAX.	PERM. 90°		OIL	TOTAL WATER	

WHOLE CORE ANALYSIS

1	1892-93	<0.1	<0.1	2.1	6.5	72.2	Sd, lmy
2	93-94	<0.1	<0.1	1.3	0.0	90.0	Lm, sdy
3	94-95	<0.1	<0.1	1.0	Tr	87.5	Lm, sdy
4	95-96	<0.1*		1.2	0.0	62.5	Lm, sdy
5	96-97	<0.1	<0.1	1.3	0.0	75.0	Lm, sl/sdy, sl/shy
6	97-98	<0.1	<0.1	1.2	0.0	71.4	Lm, sdy
7	98-99	<0.1	<0.1	1.2	Tr	77.8	Lm, sl/sdy
8	99-00	<0.1	<0.1	1.3	0.0	81.8	Lm, sl/sdy
9	1900-01	<0.1	<0.1	1.3	0.0	90.0	Lm, sdy
	01-17						Not submitted
10	17-18	<0.1	<0.1	0.9	0.0	85.7	Lm
11	18-19	<0.1	<0.1	1.0	0.0	88.9	Lm
12	19-20	<0.1	<0.1	11.1	26.3	65.8	Siltstone, lmy, sl/shy
13	20-21	<0.1	<0.1	11.6	18.4	67.7	Siltstone, lmy, sdy
14	21-22	0.2	0.2	6.0	4.8	75.5	Sd, lmy
15	22-23	2.2	2.0	8.8	8.9	60.6	Sd, sl/lmy
16	23-24	8.3	8.1	9.8	26.6	47.2	Sd, sl/lmy
17	24-25	0.4	0.4	8.2	21.8	52.9	Sd, sl/lmy
18	25-26	1.1	1.0	7.5	17.8	47.2	Sd, sl/lmy
19	26-27	0.1	0.1	6.3	9.0	51.9	Sd, sl/lmy
20	27-28	0.1	0.1	5.0	6.2	60.5	Sd, sl/lmy
21	28-29	0.1	0.1	7.1	6.5	50.0	Sd
22	29-30	0.3	0.3	5.8	5.6	52.4	Sd
23	30-31	0.2	0.2	6.3	5.0	51.1	Sd
24	31-32	0.1*		6.3	2.4	65.3	Sd, sl/shy
25	32-33	0.6*		7.0	6.2	56.1	Sd, sl/lmy
26	33-34	0.3*		6.6	Tr	63.3	Sd, sl/lmy
27	34-35	0.1	0.1	6.3	Tr	63.0	Sd, sl/lmy
28	35-36	2.5	2.5	7.1	3.1	60.5	Sd, lmy
29	36-37	0.1*		6.7	4.7	60.0	Sd, sl/lmy
30	37-38	0.2*		5.3	2.9	65.9	Sd, lmy
31	38-39	2.3*		5.8	2.6	57.8	Sd, sl/lmy
32	39-40	0.5	0.5	11.1	14.9	56.3	Sd
33	40-41	0.6	0.5	14.3	15.3	60.2	Sd
34	41-42	8.6*		14.9	7.0	65.5	Sd, sl/lmy
35	42-43	4.9	4.7	17.2	8.7	62.2	Sd
36	43-44	8.4	8.3	19.0	7.9	61.5	Sd
37	44-45	4.9	4.9	19.0	9.7	57.6	Sd
38	45-46	5.9	5.7	19.2	11.2	56.3	Sd
39	46-47	1.8	1.7	19.2	14.3	57.6	Sd

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CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

15-868

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Well B. G. S. Geary No. 2039

CORE ANALYSIS RESULTS

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCYs		POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE		SAMPLE DESCRIPTION AND REMARKS
		MAX	90°		OIL	TOTAL WATER	
40	1947-48	1.6	1.4	18.8	12.4	60.6	Sd, vert frac
41	48-49	2.7	2.4	20.4	6.9	64.7	Sd, vert frac
42	49-50	3.3	3.0	20.6	6.3	63.1	Sd, vert frac
43	50-51	3.1	2.8	20.0	12.8	55.4	Sd
44	51-52	3.2	3.1	20.1	13.1	57.4	Sd
45	52-53	3.4	3.3	20.4	6.1	63.0	Sd
46	53-54	1.5	1.5	20.1	16.0	53.7	Sd
47	54-55	1.5	1.4	19.7	11.4	56.1	Sd
48	55-56	1.0	0.9	19.3	11.6	55.3	Sd
49	56-57	1.0	0.9	18.5	10.5	59.3	Sd
50	57-58	0.4*		18.1	10.1	60.0	Sd
51	58-59	0.2	0.2	17.5	10.3	66.7	Sd
52	59-60	0.1	0.1	17.1	9.8	65.9	Sd
53	60-61	0.1	0.1	16.8	10.1	68.6	Sd
54	61-62	0.2	0.1	16.9	8.5	65.0	Sd
55	62-63	0.2	0.2	17.1	12.4	64.8	Sd
56	63-64	0.1	0.1	16.3	3.8	68.8	Sd
57	64-65	0.1	0.1	15.2	5.8	65.3	Sd
58	65-66	0.2	0.1	15.4	10.3	62.5	Sd
59	66-67	0.2	0.2	17.2	10.3	64.1	Sd
60	67-68	0.2	0.2	17.1	11.3	63.7	Sd
61	68-69	0.2	0.2	16.8	12.4	63.2	Sd
62	69-70.7	0.2	0.2	15.7	8.8	67.2	Sd
	70.7-77.0						Sd

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*DENOTES PLUG PERMEABILITY

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