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6/14/91

CORE ANALYSIS RESULTS

#867

Company PRESTON OIL COMPANY Formation BIG INJUN File CP-1-6932  
Well B. G. S. GEARY NO. 2038 Core Type DIAMOND Date Report 4-23-69  
Field GRANNYS CREEK Drilling Fluid \_\_\_\_\_ 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 - SBY SHALY - SHY LIMY - LIM	FINE - FN MEDIUM - MED COARSE - CSE	CRYSTALLINE - XLM GRAIN - GRN GRANULAR - GRNL	SHOWN - SHN GRAY - GRV VUGGY - VGY	FRACTURED - FRAC LAMINATION - LAM STYLOLITIC - STY	SLIGHTLY - SL VERY - V/ WITH - W/
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SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCYs		POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE		SAMPLE DESCRIPTION AND REMARKS
		PERM. MAX.	PERM. 30°		OIL	TOTAL WATER	
WHOLE CORE ANALYSIS							
1	1966-67	0.1	0.1	1.3	0.0	18.2	Lm
2	67-68	0.1	0.1	1.8	0.0	30.8	Lm
3	68-69	0.1	0.1	1.9	0.0	29.4	Lm
4	69-70	0.1	0.1	1.5	Tr	18.2	Lm
5	70-71	0.1	0.1	1.5	0.0	20.0	Lm, sl/shy
6	71-72	0.1	0.1	0.9	0.0	25.0	Lm, sty
7	72-73	0.1	0.1	4.3	2.4	68.3	Lm, few pp vugs
8	73-74	1.1	0.9	8.1	4.7	54.0	Sd, sl/shy, sl/lmy
9	74-75	1.3	1.2	8.9	3.9	54.1	Sd, sl/lmy, sl/shy
10	75-76	2.8	2.7	8.1	7.0	46.3	Sd, sl/lmy, sl/silty, sl/cong
11	76-77	1.8	1.7	9.1	8.2	37.5	Sd, sl/lmy, sl/silty, sl/cong
12	77-78	0.3	0.2	8.7	14.0	47.5	Sd, sl/silty
13	78-79	0.2	0.2	8.2	10.9	56.9	Sd, sl/lmy, sl/silty
14	79-80	0.5	0.4	10.3	14.5	48.1	Sd, sl/silty
15	80-81	0.1	0.1	7.1	7.6	45.2	Sd, sl/lmy
16	81-82	0.4	0.4	5.9	7.8	51.1	Sd, sl/lmy
17	82-83	0.2	0.2	7.6	7.7	60.9	Sd, sl/lmy
18	83-84	1.3	1.3	8.3	10.1	52.9	Sd, sl/lmy, sl/silty, sl/cong
19	84-85	0.3	0.2	5.4	8.0	50.0	Sd, sl/lmy, sl/congl
20	85-86	0.3	0.3	9.0	12.9	59.4	Sd, sl/lmy, sl/silty, sl/cong
21	86-87	0.5	0.5	10.1	13.6	65.2	Sd, silty
22	87-88	0.2	0.2	7.9	6.8	51.8	Sd, sl/lmy, sl/congl
23	88-89	3.3	3.2	7.7	10.8	51.3	Sd, sl/congl
24	89-90	6.5	6.2	15.7	10.4	60.5	Sd, sl/silty
25	90-91	18.0	18.0	11.4	12.5	53.2	Sd, congl
26	91-92	11.0	11.0	13.1	12.6	51.4	Sd, silty
27	92-93	30.0	30.0	19.1	10.6	58.6	Sd, sl/silty
28	93-94	20.0	20.0	10.1	13.1	48.9	Sd, sl/lmy, congl
29	94-95	26	26.0	7.5	7.4	64.6	Sd, sl/lmy, congl
30	95-96	0.1	0.1	4.8	2.8	61.9	Sd, sl/lmy, sl/silty
31	96-97	1.1	0.9	10.7	11.8	55.6	Sd, sl/lmy, congl
32	97-98	11.0	9.7	15.2	13.2	55.1	Sd, sl/lmy, shy, congl
33	98-99	17.0	15.0	18.6	10.5	56.4	Sd
34	99-00	27.0	26.0	20.5	10.0	56.7	Sd, lmy, silty
35	2000-01	5.6	4.7	18.7	14.0	53.7	Sd, silty, congl
36	01-02	8.4	8.4	21.7	17.5	49.7	Sd, silty
37	02-03	7.5	7.3	19.4	17.0	55.0	Sd, silty
38	03-04	3.4	3.1	17.4	13.3	59.8	Sd, silty
39	04-05	7.2	6.7	19.8	19.0	50.4	Sd, silty
40	05-06	4.9	4.8	20.1	12.4	56.7	Sd, silty
41	06-07	18.0	17.0	20.2	12.1	59.6	Sd, silty

*Bottom of B?*  
*a coarse stringer in C?*

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 6/19/91

**CORE ANALYSIS RESULTS**

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCY'S		POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE		SAMPLE DESCRIPTION AND REMARKS
		MAX.	90°		OIL	TOTAL WATER	
42	2007-08	7.8	7.5	20.0	11.8	59.2	Sd, silty
43	08-09	7.8	7.8	20.1	11.5	59.7	Sd, silty
44	09-10	9.5	8.9	20.2	12.7	58.5	Sd, silty
45	10-11	10.0	9.8	20.2	12.8	57.8	Sd, silty
46	11-12	6.8	6.5	19.2	10.8	61.4	Sd, silty
47	12-13	5.3	5.0	19.5	10.9	60.5	Sd, silty
48	13-14	5.5	5.3	19.3	11.4	60.6	Sd, silty
49	14-15	6.3	6.1	19.1	11.4	60.0	Sd, silty
50	15-16	4.7	4.5	18.7	15.0	57.0	Sd, silty
51	16-17	0.4	0.3	15.2	14.3	67.6	Sd, silty
52	17-18	0.2	0.2	16.1	13.4	66.7	Sd, silty
53	18-19	0.3	0.2	16.4	13.6	69.2	Sd, silty
54	19-20	0.1	<0.1	15.6	6.3	89.2	Sd, silty
55	20-21	<0.1	<0.1	10.1	6.9	82.4	Sd, lmy, sl/shy
	<del>21-22</del>						Sh
56	22-22.7	<0.1	<0.1	5.7	4.1	86.2	Sd, v/silty
57	<del>2023.0 22.7-23.7</del>	0.1	0.1	13.0	6.2	69.5	Sd, silty
	<del>2024.0 23.7-25.0</del>						Sh
58	2025.0-26.0	<0.1	<0.1	8.9	3.5	76.1	Sd, v/silty

THIS IS THE FINAL REPORT.

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