

970-A

PANSY

CORE LABORATORIES - CANADA, LTD.
 Petroleum Reservoir Engineering
 CALGARY, ALBERTA

Company Formation Page 1 of
 Well S-03C Wm SHAEFFER CR. Date Report File 913-1114
 Field, Province D. Fluid Analysts
 Location Analysis CORE #2 Remarks

$\phi > 5\% = 4.7'$, $\phi h = 49.81'$, $A_v \phi = 10.5\%$ CORE ANALYSIS RESULTS INTERVAL 8970-9031
 (Figures in parentheses refer to footnote remarks)

Sample Number	Depth Feet	Ft. Rep.	Permeability Millidarcys			Perm. Ft.	Porosity Percent	Porosity Feet	Density		Residual Saturation		Visual Examination
			K Max	K 90°	KV				Bulk	Grain	Oil % Pore	Total water % Pore	
			CORE #					(K _{max} 58)	(12 Bores)				
		42.4										DENSE	
1		1.5	7.85	0.06	<0.01	11.78	0.8	1.20	2.69	2.71		DENSE F	
2		1.2	0.07	0.05	<0.01	0.08	0.5	0.60	2.70	2.71		DENSE STU	
3		1.0	0.04	0.02	<0.01	0.04	0.8	0.80	2.70	2.72		" STU	
4		0.8	49.80	44.60	7.97	39.84	15.9	12.72	2.27	2.70		1 SV	
5		0.8	14.30	5.86	13.10	11.44	12.9	10.32	2.37	2.72		1 STU	
6		0.8	74.80	6.46	91.20	59.84	9.0	7.20	2.46	2.70		1 STU VF	
7		1.0	7.04	4.67	<0.01	7.04	3.3	3.30	2.62	2.71		1 STU F	
8		1.2	76.10	4.21	0.32	91.52	2.9	3.48	2.64	2.72		1 F	
9		0.9	0.09	0.09	<0.01	0.08	0.7	0.63	2.70	2.72		DENSE STU	
10		1.3	136.00	136.00	0.92	176.80	2.0	2.60	2.66	2.72		1 F	
11		0.6	1.45	1.35	0.02	0.87	1.5	0.90	2.68	2.72		Few SV F	
12		0.9	2.26	2.18	0.15	2.03	5.1	4.59	2.58	2.72		1 STU	
13		0.7	30.60	22.90	1.14	21.42	11.7	8.19	2.38	2.70		1 SV STU	
14		0.7	2.40	1.36	0.79	1.68	9.7	6.79	2.45	2.71		1 STU F	
15		0.7	0.14	0.11	<0.01	0.10	1.8	1.26	2.66	2.71		1 STU	
16		1.5	3.73	0.90	<0.01	5.60	2.4	3.60	2.65	2.71		1 STU F	
		15.6						72.9				$A_v \phi = 4.7\%$	

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CORE ANALYSIS RESULTS
 (Figures in parentheses refer to footnote remarks)

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			K Max	K 90°	KV				Bulk	Grain	Oil % Pore	Total water % Pore	
			CORE #					(Res. 58')	(12 Basis)				
		42.4											DENSE
1		1.5	7.85	0.06	<0.01	11.78	0.8	1.20	2.69	2.71			DENSE F
2		1.2	0.07	0.05	<0.01	0.08	0.5	0.60	2.70	2.71			DENSE STY
3		1.0	0.04	0.02	<0.01	0.04	0.8	0.80	2.70	2.72			" STY
4		0.8	49.80	44.60	7.97	39.84	15.9	12.72	2.27	2.70			1 SV
5		0.8	14.30	5.86	13.10	11.44	12.9	10.32	2.37	2.72			1 STY
6		0.8	74.80	6.46	91.20	59.84	9.0	7.20	2.46	2.70			1 STY VF
7		1.0	7.04	4.67	<0.01	7.04	3.3	3.50	2.62	2.71			1 STY F
8		1.2	76.10	4.21	0.32	91.32	2.9	3.48	2.64	2.72			1 F
9		0.9	0.09	0.09	<0.01	0.08	0.7	0.63	2.70	2.72			DENSE STY
10		1.3	136.00	136.00	0.92	176.80	2.0	2.60	2.66	2.72			1 F
11		0.6	1.45	1.35	0.02	0.87	1.5	0.90	2.68	2.72			Few SV F
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13		0.7	30.60	22.90	1.14	21.42	11.7	8.19	2.38	2.70			1 SV STY
		0.7	2.45	1.36	0.49	1.68	9.7	6.77	2.45	2.71			1 STY F
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14		1.5	3.73	0.90	<0.01	5.60	2.4	3.60	2.65	2.71			1 STY F

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