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EARLOUGHER ENGINEERING
RESULTS OF CORE ANALYSES

COMPANY Frankfort Oil Company WELL Country Club 1A

Sample No.	Depth Feet	Perm. Md.	Porosity Per Cent	Per Cent Saturation			Avg. Oil Content Bbl./A. Ft.	Remarks
				Oil	Water	Total		
P A	2047.0	9.3	17.4	--	--	--	--	
	CORE # 3	(2055.0-2077.0 feet)						
14	2068.7	58	10.1	8.1	14	22	63	
15	2069.5	15	8.8	11	40	51	74	
16	2070.8	13	6.3	12	49	61	60	
17	2071.7	0.2	4.6	14	43	57	51	
18	2072.5	0.1	4.7	9.3	87	96	34	
P21	2073.0	-0-	4.9	--	--	--	--	
19	2073.4	0.1	4.2	14	50	64	44	

*Excluded from averages

b

SUMMARY

Sec.	Formation	Depth, Feet From	Depth, Feet To	Feet of Sand	Avg. Perm.	Avg. Por.	Avg. Oil Sat.	Avg. Water Sat.	Avg. Oil Content Bbl/A.Ft

EARLOUGHER ENGINEERING

RESULTS OF CORE ANALYSES

COMPANY Frankfort Oil Company WELL Country Club 1A

Sample No.	Depth Feet	Perm. Md.	Porosity Per Cent	Per Cent Saturation			Avg. Oil Content Bbl./A. Ft.	Remarks
				Oil	Water	Total		
	CORE #1 (2020.0-2049.0 feet)							
1	2021.3	34	18.6	20	42	62	290	
2	2022.1	27	13.2	22	40	62	220	
P3	2023.0	628	21.5	--	--	--	--	
3	2023.3	2.1	4.8	12	88	100	44	*
4	2024.3	77	20.0	22	43	65	330	
5	2025.2	389	23.6	20	34	54	370	
F 6	2026.0	--	15.4	22	--	--	260	
6	2026.3	5.2	10.2	20	54	74	160	
7	2027.0	14	10.8	25	55	80	210	
F 8	2028.1	75	15.6	21	--	--	260	
8	2028.4	--	15.6	11	34	45	130	
9	2029.3	1.5	11.0	13	50	63	110	
10	2030.1	1.2	11.6	11	48	59	100	
11	2031.2	0.4	10.5	14	65	79	120	
F12	0232.2	--	11.6	13	--	--	120	
12	2032.4	0.5	11.6	6.9	43	50	62	
13	2033.2	0.5	11.9	6.1	62	68	56	
F20	2033.9	0.4	9.4	14	--	--	110	
20	2034.1	2.0	5.9	6.5	93	100	30	
21	2035.2	0.3	4.8	15	60	75	54	
22	2036.2	0.6	8.2	12	43	55	74	
23	2037.3	4.3	10.4	18	82	100	150	
24	2038.2	0.1	6.4	9.4	91	100	47	
25	2039.2	0.3	6.2	11	63	74	53	
26	2040.2	5.2	8.6	21	40	61	140	
27	2041.5	0.1	3.6	15	85	100	41	
28	2042.7	0.4	6.9	5.4	60	65	29	
29	2043.5	0.2	5.7	11	50	61	48	
30	2044.7	0.9	14.2	22	51	73	250	
F30	2044.9	--	14.2	2.0	--	--	22	*
31	2045.7	0.8	11.7	24	40	64	220	
F31	2045.9	13	16.6	24	--	--	310	

b

SUMMARY (Continued following page)

Sec.	Formation	Depth, Feet From	Depth, Feet To	Feet of Sand	Avg. Perm.	Avg. Por.	Avg. Oil Sat.	Avg. Water Sat.	Avg. Oil Content Bbl/A.Ft

EARLOUGHER ENGINEERING

SUMMARY OF CORE ANALYSES DATA

COMPANY Frankfort Oil Company LEASE Country Club WELL NO. 1-A

Sec.	Formation	Depth, Ft. From	Depth, Ft. To	Net Ft. of Sand	Avg. Por.	Avg. Core Saturation Oil	Avg. Core Saturation Water	Core Oil Content Avg. B/A. Ft.	Core Oil Content Total B/Ac.	Permeability Avg. Md.	Permeability Capacity Ft. x Md.	Flood Pot Residuals Saturation Oil	Flood Pot Residuals Saturation Water	Flood Pot Residuals Oil Content B/A. Ft.	Flood Pot Residuals Oil Content B/Ac.	Oil Recovery Bbl./Acre Diff.	Oil Recovery Bbl./Acre Flood Pot
	ARBUCKLE 501																
	CORE #1 (2020.0-2049.0 feet)																
1	Oil	2020.0	2025.8	5.0	19.4	21	40	316	1580	231	1155	17	82	256	1280	300	150
2	Oil	2025.8	2028.2	2.4	13.0	22	55	222	530	31	74	17	73	172	410	120	100
3	Water-oil	2028.2	2034.0	5.8	11.7	11	50	100	580	0.8	4.6	10	91	91	530	50	50
4	Water	2034.0	2044.2	10.2	6.7	12	67	62	630	1.4	14	9	86	47	480	150	20
5	Oil, "chat"	2044.2	2047.5	2.6	15.0	23	46	268	700	6.0	16	16	73	185	480	220	260
3&4	Water-oil 6	2028.2	2044.2	16.0	8.5	12	61	76	1210	1.2	19	10	88	63	1010	200	70
1, 2, 5	Oil 4	2020.0	2047.5	10.0	16.7	22	45	281	2810	125	1245	17	78	217	2170	640	870
	CORE #3 (2055.0-2077.0 feet)																
6	Water 7	2068.0	2074.0	6.0	6.2	11	47	53	320	12	72	11	61	53	320	-0-	6
															R/87	S/6	
												Primary WF		130	1300		
															-0-		
														R/104	S/9		
														R/108	S/13		

Commenced and stopped in lime.

b