

1600

OIL DRILLING, INC.
RESULTS ACID SOLUBILITY TESTS
COOK WELL NO. 1

<u>Sample No.</u>	<u>Depth, Feet</u>	<u>% Acid Solubility</u>
<u>Arbuckle Lime Section</u>		
95	2784.2	88.
96	2786.4	96.
97	2787.4	91.
98	2788.4	92.

EARLOUGH ENGINEERING
SUMMARY OF CORE ANALYSIS DATA

COMPANY Oil Drilling Inc.

LEASE COOK

WELL NO. 1

Sec.	Formation	Depth, Ft.		Net ft. of Sand	Avg Por.	Avg. Core Saturation		Core Oil Content		Permeability		Flood Pot Residuals			Oil Recovery Bbl./Acre		
		From	To			Oil	Water	Avg. B/A, Ft.	Total B/Ac.	Avg. Mq.	Capacity, ft. ³ /Mq.	Saturation		Oil Content		Diff.	Flood Pot.
												Oil	Water	B/A, Ft.	B/Ac.		
HOMINY SECTION 3720																	
1	Poss. oil	2669.8	2670.8	1.0	15.4	11.	28.	130.	130	401.	401.	9.1	66.	109.	110.	20.	20.
2	Shaly sand	2670.8	2700.9	18.0	9.8	13.	54.	96.	1,720	1.4	26.	16.	61.	122.	2,200.	-0-	20.
3	Poss. oil	2700.9	2704.5	3.6	14.1	15.	32.	167.	600	48.	174.	10.	64.	109.	390.	210.	120.
4	Shaly sand	2704.5	2740.4	27.0	7.0	12.	59.	63.	1,690	0.4	11.	--	--	--	--	--	--
5	Poss. oil	2740.4	2742.0	1.6	11.5	14.	33.	120.	190	48.	77.	12.	53.	107.	170.	20.	10.
6	Poss. oil	2746.3	2750.0	5.3	10.4	25.	35.	204.	1,080	53.	280.	19.	32.	153.	810.	270.	70.
7	Shaly sand	2752.5	2760.8	24.7	6.5	13.	57.	65.	1,610	0.8	20.	--	--	--	--	--	--
1,3, 5, 6	Poss. oil	2669.8	2752.0	11.5	12.1	19.	34.	174.	2,000	81.	932.	14.	48.	129.	1,480.	520.	220.
ARBUCKLE SECTION 501																	
8	Poss. Oil	2783.8	2788.9	5.1	7.0	20.	40.	108.	550	0.8	4.0	--	--	--	--	--	--

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EARLOUGHER ENGINEERING

RESULTS OF SATURATION TESTS

COMPANY Oil Drilling Inc.

WELL Cook No. 1

Sat. No.	Depth Feet	Porosity Per Cent	Per Cent Saturation			Avg. Oil Content Bbl./A. Ft.	Feet of Sand		Total Oil Content Bbl./Acre
			Oil	Water	Total		Ft.	Cum.	
HOMINY SECTION									
1	2663.2	5.2	24.	53.	77.	95.	0.7*		
2	2669.2	5.5	15.	49.	64.	62.	0.3*		
3	2670.0	8.9	12.	38.	50.	85.	0.3	0.3	25.
F-3	2670.3	18.1	11.	--	--	150.	0.7	1.0	100.
4	2671.3	8.6	9.0	27.	36.	60.	1.4	2.4	84.
5	2673.7	15.6	9.5	57.	67.	120.	0.7	3.1	84.
6	2675.0	7.3	11.	60.	71.	63.	1.1	4.2	69.
7	2676.0	7.0	17.	56.	73.	94.	0.9	5.1	85.
8	2677.2	12.5	5.4	71.	76.	53.	0.7	5.8	37.
9	2680.7	12.5	17.	69.	86.	160.	0.6	6.4	96.
10	2686.0	11.1	7.4	85.	92.	64.	0.7	7.1	45.
11	2686.9	11.1	5.2	88.	93.	45.	0.7	7.8	32.
12	2689.7	17.5	5.2	65.	70.	71.	1.3	9.1	92.
13	2690.7	9.6	24.	53.	77.	180.	0.6	9.7	110.
14	2691.4	12.4	15.	40.	55.	150.	0.8	10.5	120.
15	2692.3	6.8	18.	33.	51.	97.	0.6	11.1	58.
16	2693.3	11.0	14.	31.	45.	120.	1.4	12.5	170.
17	2694.2	6.3	26.	40.	66.	130.	0.7	13.2	91.
18	2695.0	11.0	12.	37.	49.	99.	0.7	13.9	69.
19	2696.2	9.2	15.	57.	72.	110.	1.3	15.2	140.
20	2697.4	9.6	13.	60.	73.	99.	1.4	16.6	140.
21	2698.9	4.2	30.	41.	71.	96.	1.4	18.0	130.
22	2700.0	5.9	12.	78.	90.	57.	0.7	18.7	40.
23	2700.8	6.6	19.	31.	50.	95.	0.3	19.0	28.
24	2702.2	15.6	11.	32.	43.	130.	1.9	20.9	250.
25	2703.2	14.3	14.	36.	50.	160.	1.0	21.9	160.
26	2704.2	9.7	34.	28.	62.	270.	0.7	22.6	190.
27	2704.9	5.6	25.	21.	46.	110.	0.5	23.1	55.
28	2706.2	4.2	19.	19.	38.	60.	1.2	24.3	72.
29	2707.6	7.1	17.	51.	68.	94.	1.0	25.3	94.
30	2708.4	6.9	14.	63.	77.	77.	1.3	26.6	100.
31	2709.7	8.5	9.6	74.	84.	63.	1.5	28.1	95.
33	2712.5	6.0	8.6	78.	87.	40.	2.8	30.9	110.
39	2718.5	6.9	13.	63.	76.	69.	6.8	37.7	470.
45	2724.5	8.4	10.	57.	67.	67.	4.7	42.4	320.
50	2730.7	7.0	8.3	83.	91.	45.	5.1	47.5	230.
57	2738.2	6.3	14.	81.	95.	68.	2.1	49.6	140.
60	2741.7	11.5	14.	33.	47.	120.	1.6	51.2	190.
63	2747.2	19.2	18.	64.	82.	270.	1.2	52.4	320.
64	2748.2	10.2	25.	27.	52.	200.	1.3	53.7	260.
65	2750.7	7.0	31.	34.	65.	170.	2.1	55.8	360.
66	2751.7	5.5	48.	15.	63.	200.	0.7	56.5	140.
67	2752.8	8.5	16.	49.	65.	110.	0.5	57.0	55.
69	2755.4	2.1	28.	28.	56.	45.	1.8	58.8	81.
71	2757.3	4.9	20.	72.	92.	76.	1.9	60.7	140.
74	2760.6	8.9	8.7	57.	66.	60.	2.2	62.9	130.

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EARLOUCHER ENGINEERING

RESULTS OF SATURATION TESTS

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COMPANY Oil Drilling Inc.

WELL Cook No. 1

Sol. No.	Depth Feet	Porosity Per Cent	Per Cent Saturation			Avg. Oil Content Est./A. Ft.	Feet of Sand		Total Oil Content Est./Acre
			Oil	Water	Total		Fi.	Cum.	
76	2762.0	6.8	8.7	80.	89.	46.	2.9	65.8	130.
78	2764.6	4.8	24.	34.	58.	88.	1.1	66.9	97.
79	2765.7	7.3	12.	54.	66.	75.	2.3	69.2	170.
81	2767.6	7.0	12.	38.	50.	64.	1.7	70.9	110.
83	2769.6	7.5	15.	53.	68.	88.	1.6	72.5	140.
86	2772.6	5.3	17.	55.	72.	68.	2.1	74.6	140.
89	2775.5	6.4	12.	77.	89.	60.	1.9	76.5	110.
92	2778.5	5.0	17.	68.	85.	68.	2.9	79.4	200.
94	2780.5	10.8	8.	71.	79.	64.	1.8	81.2	110.
ARBUCKLE SECTION									
95	2785.2	9.4	20.	30.	50.	140.	1.8	83.0	250.
96	2786.4	3.8	20.	25.	45.	58.	1.4	84.4	81.
97	2787.4	7.8	21.	40.	61.	130.	1.0	85.4	130.
98	2788.4	6.3	19.	64.	83.	93.	0.9	86.3	84.

* Not included in cumulative feet of sand.

EARLOUCHER ENGINEERING

RESULTS OF PERMEABILITY TESTS

COMPANY Oil Drilling Inc.

WELL Cook No. 1

Sample No.	Depth Feet	Permeability Millidarcys	Feet of Sand		Capacity Ft. X Md.	Sample No.	Depth Feet	Permeability Millidarcys	Feet of Sand		Capacity Ft. X Md.
			Ft.	Cum. Ft.					Ft.	Cum. Ft.	
HOMINY SECTION											
1	2662.8	0.7	1.0*			45	2714.6	0.4	0.5	29.6	0.2
A	2669.2	-0-	0.6*			46	2715.1	0.4	0.7	30.3	0.3
2	2699.9	7.7	0.3	0.3	2.3	47	2715.9	0.1	0.6	30.9	0.1
3	2670.5	570.	0.7	1.0	399.	48	2717.6	0.7	0.8	31.7	0.6
4	2670.9	0.5	0.5	1.5	0.2	49	2718.3	0.4	1.0	32.7	0.4
5	2671.6	0.9	0.5	2.0	0.4	50	2719.3	0.4	1.0	33.7	0.4
6	2672.5	-0-	1.2*			51	2720.3	0.6	0.8	34.5	0.5
7	2673.3	0.4	0.4	2.4	0.2	52	2721.4	0.4	0.9	35.4	0.4
8	2674.0	1.9	0.7	3.1	1.3	53	2722.3	1.5	1.1	36.5	1.6
9	2674.7	0.1	1.1	4.2	0.1	54	2723.3	0.3	1.2	37.7	0.4
10	2675.4	0.2	0.9	5.1	0.2	55	2724.8	0.4	1.2	38.9	0.5
11	2677.4	0.5	0.7	5.8	0.3	56	2725.8	0.4	1.2	40.1	0.5
B	2680.6	0.9	0.3	6.1	0.3	57	2727.1	0.3	1.0	41.1	0.3
12	2680.9	0.2	0.3	6.4	0.1	58	2728.1	0.4	1.3	42.4	0.5
13	2683.7	0.7	0.7	7.1	0.5	59	2729.1	-0-	0.2*		
14	2686.3	21.	0.7	7.8	1.5	60	2730.1	0.6	0.7	43.1	0.4
15	2689.3	1.6	0.6	8.4	1.0	61	2730.9	1.1	0.5	43.6	0.5
16	2690.2	3.2	0.7	9.1	2.2	62	2732.9	Cracked			
17	2691.1	4.5	1.4	10.5	6.3	63	2733.5	0.8	0.5	44.1	0.4
18	2692.0	0.1	0.6	11.1	0.1	64	2734.1	0.1	0.6	44.7	0.1
19	2692.5	3.6	0.5	11.6	1.8	65	2734.8	0.4	0.9	45.6	0.4
20	2693.1	0.4	0.2	11.8	0.1	66	2735.9	0.3	1.1	46.7	0.3
21	2693.8	5.4	0.7	12.5	3.8	67	2736.9	0.4	0.8	47.5	0.3
22	2694.4	0.5	1.4	13.9	0.7	68	2737.9	-0-	0.6*		
23	2695.5	3.6	0.7	14.6	2.5	69	2739.4	0.4	2.1	49.6	0.8
24	2696.0	1.4	0.6	15.2	0.8	70	2741.4	48.	1.6	51.2	77.
25	2696.9	0.2	0.6	15.8	0.1	71	2742.0	DMF	0.2*		
26	2697.7	0.1	0.8	16.6	0.1	72	2742.6	0.1	0.8*		
27	2698.6	0.5	0.5	17.1	0.2	73	2743.9	0.8	0.2*		
28	2699.2	2.5	0.5	17.6	1.3	74	2747.5	114.	1.2	52.4	137.
29	2699.8	0.2	0.7	18.3	0.1	75	2748.2	9.7	1.3	53.7	13.
30	2700.4	0.3	0.7	19.0	0.2	76	2750.4	61.	2.1	55.8	128.
31	2701.7	42.	1.9	20.9	80.	77	2751.4	3.1	0.7	56.5	2.2
32	2702.8	93.	0.5	21.4	46.	78	2752.5	3.4	0.5	57.0	1.7
33	2703.5	88.	0.5	21.9	44.	79	2754.5	0.3	0.8	57.8	0.2
34	2703.9	5.2	0.7	22.6	3.6	80	2755.1	2.5	1.0	58.8	2.5
35	2704.6	0.3	0.5	23.1	0.1	81	2756.2	0.3	1.1	59.9	0.3
36	2705.5	0.3	0.6	23.7	0.2	82	2757.1	0.3	0.8	60.7	0.2
37	2706.4	0.2	0.6	24.3	0.1	83	2758.0	3.7	0.5	61.2	1.8
38	2707.2	-0-	0.7*			84	2759.0	3.8	0.5	61.7	1.9
39	270.80	0.4	1.0	25.3	0.4	85	2760.3	1.0	1.2	62.9	1.2
40	2708.9	0.1	1.3	26.6	0.1	86	2761.6	1.4	0.9	63.8	1.3
41	2710.0	0.1	0.7	27.3	0.1	87	2762.7	0.3	1.0	64.8	0.3
42	2710.9	0.1	0.8	28.1	0.1	88	2763.5	0.1	1.0	65.8	0.1
43	2712.3	0.5	0.6	28.7	0.3	89	2764.9	1.8	1.1	66.9	2.0
44	2713.6	0.2	0.4	29.1	0.1	90	2765.9	0.2	0.9	67.8	0.2
						91	2767.0	1.0	1.0	68.8	1.0

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EARLOUCHER ENGINEERING
RESULTS OF PERMEABILITY TESTS

Page -2-

COMPANY Oil Drilling Inc.

WELL Cook No. 1

Sample No.	Depth Feet	Permeability Millidarcys	Feet of Sand		Capacity Ft. X Md.	Sample No.	Depth Feet	Permeability Millidarcys	Feet of Sand		Capacity Ft. X Md.
			Pt.	Cum. Ft.					Pt.	Cum. Ft.	
92	2767.3	0.7	0.4	69.2	0.3	102	2777.6	0.5	1.0	78.4	0.5
93	2768.0	0.2	1.7	70.9	0.3	103	2778.7	0.1	1.0	79.4	0.1
94	2769.9	0.2	0.9	71.8	0.1	104	2779.8	0.5	1.0	80.4	0.5
95	2770.7	0.2	0.7	72.5	0.1	105	2780.2	0.3	0.8	81.2	0.2
96	2771.9	0.3	1.1	73.6	0.3	ARBUCKLE SECTION					
97	2772.9	1.9	1.0	74.6	1.9	106	2785.5	2.1	1.8	83.0	3.8
98	2774.0	IMP	0.7*			107	2786.7	IMP	1.4	84.4	-0-
99	2774.8	0.4	0.9	75.5	0.4	108	2787.2	0.2	1.0	85.4	0.2
100	2775.7	0.5	1.0	76.5	0.5	109	2788.2	IMP	0.9	86.3	-0-
101	2776.7	0.2	0.9	77.4	0.2						

* Not included in cumulative feet of sand.

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