

Oilfield Research Laboratories

GENERAL INFORMATION & SUMMARY

Company	W. H. Pitts		Lease	Funderberger		Well No.	2
Location	NE 10 Acres, SW $\frac{1}{4}$ SW $\frac{1}{4}$						
Section	9	Twp.	24S	Rge.	25E	County	Bourbon
						State	Kansas
Name of Sand							Tucker
Top of Core							288.0
Bottom of Core							341.0
Better Top of Sand							310.6
Bottom of Sand							336.0
Total Feet of Permeable Sand							41.6
Total Feet of Floodable Sand							
Distribution of Permeable Sand:			Feet			Cum. Ft.	
Permeability Range							
Millidarcys							
0 - 5			6.6			6.6	
5 - 10			8.0			14.6	
10 - 25			7.0			21.6	
25 - 50			11.0			32.6	
50 - 100			6.0			38.6	
100 & above			3.0			41.6	34.0
Average Permeability Millidarcys							19.1
Average Percent Porosity							22.5
Average Percent Oil Saturation							53.6
Average Percent Water Saturation							333.
Average Oil Content, Bbls./A. Ft.							14,037.
Total Oil Content, Bbls./Acre							
Average Percent Oil Recovery by Laboratory Flooding Tests							
Average Oil Recovery by Laboratory Flooding Tests, Bbls./A. Ft.							
Total Oil Recovery by Laboratory Flooding Tests, Bbls./Acre							
Total Calculated Oil Recovery, Bbls./Acre							
Packer Setting, Feet							
Viscosity, Centipoises @							
A. P. I. Gravity, degrees @ 60 °F							
Elevation, Feet							

OILFIELD RESEARCH LABORATORIES

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Company W. H. Pitts Lease Funderberger Well No. 2

Depth Interval, Feet	Description
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288.0 - 292.4	Sandy shale.
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292.4 - 296.0	Gray and brown, laminated, shaly sandstone.
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296.0 - 298.0	Gray shaly sandstone.
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298.0 - 310.6	Grayish light brown, slightly shaly sandstone.
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310.6 - 316.6	Light brown, slightly shaly sandstone.
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316.6 - 331.6	Grayish light brown, slightly shaly sandstone.
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331.6 - 336.0	Dark carbonaceous sandstone.
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336.0 - 337.0	Coal.
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337.0 - 341.0	Shale.
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RESULTS OF SATURATION & PERMEABILITY TESTS .

TABLE 1-B

Company W. H. Pitts Lease Funderberger Well No. 2

Sample No.	Depth, Feet	Effective Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.	Feet of Sand		Total Oil Content	Perm. Capacity Ft. X md.
			Oil	Water	Total			Ft.	Cum. Ft.		
1	292.5	14.2	45	30	75	495	Imp.	0.6	0.6	297	0.00
2	293.5	14.6	24	40	64	272	18.	1.0	1.6	272	18.00
3	294.5	14.6	7	86	93	79	2.4	1.0	2.6	79	2.40
4	295.5	18.1	16	54	70	224	0.71	1.0	3.6	224	0.71
5	298.1	17.3	29	54	83	389	5.9	0.6	4.2	233	3.54
6	299.1	19.0	15	44	59	221	27.	1.0	5.2	221	27.00
7	300.1	17.2	13	43	56	173	35.	1.0	6.2	173	35.00
8	301.1	16.6	19	78	97	244	7.7	1.0	7.2	244	7.70
9	302.1	19.3	11	61	72	165	34.	1.0	8.2	165	34.00
10	303.1	19.0	16	76	92	236	19.	1.0	9.2	236	19.00
11	304.1	19.4	13	63	76	196	15.	1.0	10.2	196	15.00
12	305.1	19.1	10	73	83	148	28.	1.0	11.2	148	28.00
13	306.1	20.1	33	50	83	514	27.	1.0	12.2	514	27.00
14	307.1	20.3	9	71	80	142	9.1	1.0	13.2	142	9.10
15	308.1	18.8	9	72	81	132	14.	1.0	14.2	132	14.00
16	309.1	19.9	12	65	77	185	29.	1.0	15.2	185	29.00
17	310.1	20.0	17	56	73	264	44.	1.0	16.2	264	44.00
18	311.1	19.9	27	49	76	416	31.	1.0	17.2	416	31.00
19	312.1	20.0	40	39	79	624	29.	1.0	18.2	624	29.00
20	313.1	19.1	35	38	73	519	57.	1.0	19.2	519	57.00
21	314.1	20.2	32	44	76	501	62.	1.0	20.2	501	62.00
22	315.1	19.8	22	46	68	338	48.	1.0	21.2	338	48.00
23	316.1	20.1	25	54	79	390	37.	1.0	22.2	390	37.00
24	317.1	20.3	20	52	72	315	8.0	1.0	23.2	315	8.00

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Sample No.	Depth, Feet	Effective Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.	Feet of Sand		Total Oil Content	Perm. Capacity Ft. X md.
			Oil	Water	Total			Ft.	Cum. Ft.		
25	318.1	18.5	26	49	75	372	8.1	1.0	24.2	372	8.10
26	319.1	19.8	25	45	70	384	3.5	1.0	25.2	384	3.50
27	320.1	20.2	24	43	67	376	62.	1.0	26.2	376	62.00
28	321.1	19.8	16	61	77	246	31.	1.0	27.2	246	31.00
29	322.1	19.7	26	54	80	396	141.	1.0	28.2	396	141.00
30	323.1	18.4	23	55	78	328	151.	1.0	29.2	328	151.00
31	324.1	20.6	21	59	80	335	91.	1.0	30.2	335	91.00
32	325.1	21.3	16	60	76	264	104.	1.0	31.2	264	104.00
33	326.1	20.8	16	58	74	258	96.	1.0	32.2	258	96.00
34	327.1	16.2	12	51	63	151	3.5	1.0	33.2	151	3.50
35	328.1	19.6	29	37	66	441	54.	1.0	34.2	441	54.00
36	329.1	19.7	31	41	72	473	35.	1.0	35.2	423	35.00
37	330.1	20.0	22	52	74	341	8.8	1.0	36.2	341	8.80
38	331.1	21.4	35	39	74	581	20.	1.0	37.2	581	20.00
39	332.1	20.1	24	51	75	374	6.0	1.0	38.2	374	6.00
40	333.1	21.4	29	41	70	481	8.8	1.0	39.2	481	8.80
41	334.1	20.5	25	49	74	397	2.4	1.0	40.2	397	2.40
42	335.1	18.5	34	45	79	488	0.86	1.0	41.2	488	0.86
43	336.1	15.4	48	48	96	573	1.1	1.0	42.2	573	1.10
								Total-----		14,037	