

Oilfield Research Laboratories

GENERAL INFORMATION & SUMMARY

Company	W. H. Pitts		Lease	Funderberger		Well No.	1
Location	SE SW						
Section	9	Twp	24S	Rge	25E	County	Bourbon
						State	Kansas
Name of Sand							Tucker
Top of Core							306.6
Bottom of Core							351.5
Better Top of Sand							326.0
Better Bottom of Sand							343.6
Total Feet of Permeable Sand							16.1
Total Feet of Floodable Sand							
Distribution of Permeable Sand:			Feet			Cum. Ft.	
Permeability Range							
Millidarcys							
0 - 25			5.0			5.0	
25 - 50			3.1			8.1	
50 - 100			4.0			12.1	
100 & above			4.0			16.1	
Average Permeability Millidarcys							59.2
Average Percent Porosity							19.2
Average Percent Oil Saturation							24.3
Average Percent Water Saturation							51.6
Average Oil Content, Bbls./A. Ft.							360.
Total Oil Content, Bbls./Acre							5,798.
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. 1

Depth Interval, Feet	Description
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306.6 - 308.0	Light brown, shaly sandstone.
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308.0 - 308.5	Grayish light brown, slightly calcareous sandstone.
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308.5 - 334.5	Light brown, shaly sandstone.
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334.5 - 335.5	Sandy limestone.
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335.5 - 336.6	Drilled.
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336.6 - 343.0	Light brown, shaly sandstone.
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343.0 - 346.0	Dark carbonaceous sandstone.
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346.0 - 351.5	Shale.
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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1-B

Company W. H. Pitts Lease Funderberger Well No. 1

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	308.1	16.9	29	49	78	379	Imp.	0.5	0.5	189	0.00
2	326.1	18.3	34	46	80	482	35.	0.6	1.1	289	21.00
3	327.1	18.4	23	51	74	328	16.	1.0	2.1	328	16.00
4	328.1	18.2	24	47	71	338	14.	1.0	3.1	338	14.00
5	329.1	18.0	31	44	75	432	17.	1.0	4.1	432	17.00
6	330.1	18.5	28	46	74	401	23.	1.0	5.1	401	23.00
7	331.1	17.9	33	42	75	458	59.	1.0	6.1	458	59.00
8	332.1	19.2	21	45	66	313	58.	1.0	7.1	313	58.00
9	333.1	18.6	19	50	69	274	101.	1.0	8.1	274	101.00
10	334.1	18.9	15	51	66	220	35.	0.9	9.0	198	31.50
11	337.1	20.0	25	50	75	388	114.	1.0	10.0	388	114.00
12	338.1	19.6	25	68	93	380	161.	1.0	11.0	380	161.00
13	339.1	22.1	17	70	87	291	158.	1.0	12.0	291	158.00
14	340.1	20.2	28	53	81	439	72.	1.0	13.0	439	72.00
15	341.1	20.4	24	50	74	380	53.	1.0	14.0	380	53.00
16	342.1	18.8	14	69	83	204	31.	1.0	15.0	204	31.00
17	343.1	19.9	26	51	77	401	38.	0.6	15.6	241	22.80
18	344.1	19.1	30	41	71	444	1.4	1.0	16.6	444	1.40
								Total	-----	5,798	