

Oilfield Research Laboratories

GENERAL INFORMATION & SUMMARY

Company Jones & Campbell Lease Short Well No. OE-6Location SWSection 31 Twp. 28S Rge. 17E County Wilson State Kansas

Name of Sand - - - - - Squirrel

Top of Core - - - - - 741.0

Bottom of Core - - - - - 757.0

Top of Sand (Analyzed) - - - - - 743.3

Bottom of Sand (Analyzed) - - - - - 754.0

Total Feet of Permeable Sand - - - - - 10.7

Total Feet of Floodable Sand - - - - -

Distribution of Permeable Sand:
Permeability Range
Millidarcys

Feet

Cum. Ft.

0 - 20	2.7	2.7
20 - 50	2.8	5.5
50 - 100	3.3	8.8
100 & above	1.9	10.7

Average Permeability Millidarcys - - - - - 55.8

Average Percent Porosity - - - - - 19.2

Average Percent Oil Saturation - - - - - 42.3

Average Percent Water Saturation - - - - - 32.3

Average Oil Content, Bbls./A. Ft. - - - - - 631.

Total Oil Content, Bbls./Acre - - - - - 6,747.

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 Jones & Campbell Lease Short Well No. OE-6

Depth Interval, Feet	Description
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741.0 - 742.7	- Dark gray sandy shale.
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742.7 - 743.3	- Brownish gray calcareous sandstone.
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743.3 - 744.9	- Dark brown slightly laminated shaly sandstone.
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744.9 - 745.7	- Grayish brown finely laminated very shaly sandstone.
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745.7 - 751.0	- Brown slightly laminated shaly sandstone.
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751.0 - 754.0	- Brown laminated shaly sandstone.
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754.0 - 757.0	- Brownish gray finely laminated very shaly sandstone.
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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1-B

Company Jones & CampbellLease ShortWell No. OE-6

Sample No.	Depth, Feet	Effective Porosity Percent	Percent Saturation			Oil Content Bbbs. / A Ft.	Perm., Mill.	Feet of Sand		Total Oil Content	Perm. Capacity Ft. X md.
			Oil	Water	Total			Ft.	Cum. Ft.		
1	743.5	17.7	42	25	67	580	14.	0.7	0.7	406	9.80
2	744.5	21.5	50	24	74	834	119.	0.9	1.6	750	107.20
3	745.5	14.8	52	43	95	598	24.	0.8	2.4	479	19.20
4	746.5	20.6	38	29	67	608	86.	1.3	3.7	790	111.80
5	747.5	20.7	40	34	74	643	116.	1.0	4.7	643	116.00
6	748.5	22.5	49	32	81	856	63.	1.0	5.7	856	63.00
7	749.5	18.9	47	31	78	690	79.	1.0	6.7	690	79.00
8	750.5	19.1	35	35	70	519	37.	1.0	7.7	519	37.00
9	751.5	19.8	42	32	74	645	7.7	1.0	8.7	645	7.70
10	752.5	18.5	31	35	66	445	29.	1.0	9.7	445	29.00
11	753.5	15.7	43	35	78	524	17.	1.0	10.7	524	17.00

31-28-17E

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SUMMARY OF PERMEABILITY & SATURATION TESTS

TABLE III

Company Jones & Campbell Lease Short Well No. OE-6

Depth Interval, Feet	Feet of Core Analyzed	Average Permeability, Millidarcys	Permeability Capacity Ft. x Md.
743.3 - 750.0	6.7	75.5	506.00
750.0 - 754.0	4.0	22.7	90.70
743.3 - 754.0	10.7	55.8	596.70

Depth Interval, Feet	Feet of Core Analyzed	Average Percent Porosity	Average Percent Oil Saturation	Average Percent Water Saturation	Average Oil Content Bbl./A. Ft.	Total Oil Content Bbls./Acre
743.3 - 750.0	6.7	19.8	45.0	31.1	689	4,614
750.0 - 754.0	4.0	18.3	37.7	34.2	533	2,133
743.3 - 754.0	10.7	19.2	42.3	32.3	631	6,747

31-28-17E