

Oilfield Research Laboratories

GENERAL INFORMATION & SUMMARY

Company Energy-Vest, Inc. Lease Wadley Well No. 1-A
 Location SE $\frac{1}{4}$, SE $\frac{1}{4}$, SE $\frac{1}{4}$, NE $\frac{1}{4}$
 Section 19 Twp. 26S Rge. 18E County Allen State Kansas

Elevation, Feet

Name of Sand.....

Bartlesville

Top of Core

785.0

Bottom of Core

805.0

Top of Sand

785.0

Bottom of Sand

805.0

Total Feet of Permeable Sand

16.7

Total Feet of Floodable Sand

8.6

Distribution of Permeable Sand: Permeability Range Millidarcys

Feet

Cum. Ft.

0 - 4

3.4

3.4

4 - 8

1.7

5.1

8 - 16

6.1

11.2

16 - 20

1.9

13.1

30 - 40

1.6

14.7

50 & above

2.0

16.7

Average Permeability Millidarcys

17.0

Average Percent Porosity

16.2

Average Percent Oil Saturation

42.2

Average Percent Water Saturation

43.8

Average Oil Content, Bbls./ A. Ft.

536.

Total Oil Content, Bbls./ Acre

8,947.

Average Percent Oil Recovery by Laboratory Flooding Tests

13.0

Average Oil Recovery by Laboratory Flooding Tests, Bbls./ A. Ft.

175.

Total Oil Recovery by Laboratory Flooding Tests, Bbls./ Acre

1,501.

Total Calculated Oil Recovery, Bbls./ Acre

See "Calculated Recovery"
Section

The core was sampled and the samples sealed in plastic bags by a representative of the client. As requested, sample numbers one and two were excluded from flooding susceptibility tests.

FORMATION CORED

The detailed log of the formation cored is as follows:

<u>Depth Interval, Feet</u>	<u>Description</u>
785.0 - 785.7	Sandstone, light brown, slightly shaly with widely scattered shale partings.
785.7 - 786.5	Sandstone and shale, light brown and gray, laminated.
786.5 - 787.4	Shale, gray.
787.4 - 787.8	Sandstone, brown with widely scattered shale partings.
787.8 - 788.3	Shale, gray.
788.3 - 790.6	Sandstone, brown with scattered shale and mica partings.
790.6 - 790.9	Sandstone and shale, light brown and gray, laminated.
790.9 - 793.0	Sandstone, brown with scattered shale and mica partings.
793.0 - 795.9	Sandstone and shale, light brown and gray, laminated.
795.9 - 796.8	Sandstone, brown with scattered shale and mica inclusions.
796.8 - 797.1	Shale, gray.
797.1 - 803.6	Sandstone, brown with scattered shale and mica partings and inclusions.
803.6 - 803.9	Sandstone and shale, light brown and gray, laminated.