



OILFIELD RESEARCH LABORATORIES

P. O. BOX 647 - CHANUTE, KANSAS 66720 - PHONE (316) 431-2650

November 27, 1984

Wildhorn Corporation
1835 S. W. Hoch Road
Topeka, Kansas 66614

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Travis Burks Lease, Well No. 1, located in the SW $\frac{1}{4}$ of the SW $\frac{1}{4}$ of the SW $\frac{1}{4}$ of Section 27, T14S, R22E, Johnson County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client on November 16, 1984, and submitted to our laboratory on November 19, 1984. The client stated that the interval of core from 869.0 to 876.0 was light gray solid shale and, therefore, discarded at the well site.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Alan M. Dunning
Alan M. Dunning

AMD:bl

4 c to Topeka, Kansas
1 c to Richard B. Schmidt
1219 College
Topeka, Kansas 66604

Proved, Dev

3630 STB

Proved, Und.

75% risk

$3 \times 4.4 \times .75 \times 275 =$

$\times 4 \text{ loc.} = \underline{10890}$

Probable

3 loc. 60% risk

$3 \times 4.4 \times .60 \times 275 \times 3 = 6534$

LOGCompany Wildhorn Corporation Lease Travis Burks Well No. 1BARTLESVILLE SANDSTONE

<u>Depth Interval, Feet</u>	<u>Description</u>
857.0 - 857.4	Sandstone, grayish brown, very shaly.
857.4 - 857.7	Shale, gray.
857.7 - 858.1	Sandstone, brown, slightly shaly.
858.1 - 859.1	Shale, gray.
859.1 - 859.5	Sandstone, dark brown, slightly shaly with scattered gray calcareous inclusions.
859.5 - 860.0	Sandstone, dark brown.
860.0 - 861.6	Sandstone, blackish brown, slightly carbonaceous.
861.6 - 864.7	Shale, gray, slightly sandy.
864.7 - 866.0	Sandstone, brown, shaly with scattered gray shale inclusions.
866.0 - 866.6	Sandstone, dark brown with gray shale partings.
866.6 - 867.0	Sandstone, grayish brown, very shaly.
867.0 - 868.0	Sandstone, brown, slightly shaly with gray shale partings.
868.0 - 869.0	Sandstone and shale, brown and gray, laminated.

Note: Elevation, feet 1012.

RESULTS OF SATURATION & PERMEABILITY TESTS

Company Wildhorn Corporation Lease Travis Burks Well No. 1

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A. Ft.	Permeability, Millidarcys
			Oil	Water	Total		
1	857.8	13.3	55	22	77	568	8.3
2	859.2	8.4	37	47	84	241	7.5
3	859.7	21.3	53	23	76	876	395.
4	860.5	25.9	44	13	57	884	319.
5	861.5	21.4	54	21	75	897	127.
6	864.8	19.6	26	62	88	395	1.7
7	865.4	17.6	23	63	86	314	2.0
8	866.5	25.9	46	22	68	924	24.
9	867.8	20.9	33	41	74	535	8.5
		$3 \times 4.4 \times 275 = 3630$					