

1-185-2W

FILE

BASS ENTERPRISES

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WICHITA, KANSAS 67202

OWLL

LEO R. FORTIER

PETROLEUM GEOLOGIST

~~ENTREPRENEUR~~

WICHITA 2, KANSAS

708 Fourth National Bank Building

SAMPLE DETERMINATION

Donald T. Ingling, et al.
Miller No. 1
NE NE NE Sec. 1, T18S, R2W
McPherson County, Kansas

Elevation: 1468 D.F.

All measurements from kelly bushing, 2 ft. above derrick floor.

Samples examined: 2350 - 2851, Rotary Total Depth
Drilling observed: 2815 - 2851, Rotary Total Depth

- 2350 - 2355 Gray shale
- 2355 - 2360 Ditto - some light gray lime
- 2360 - 2370 Gray-white oolitic lime - no stains - Soft 2360-2375
- 2370 - 2375 Gray-white lime - some oolitic lime
- 2375 - 2380 Gray-white lime
- 2380 - 2385 Light gray to gray-white lime
- 2385 - 2395 Light gray lime
- 2395 - 2405 Ditto and gray shale
- 2405 - 2410 Gray shale - little lime
- 2410 - 2420 Gray-white oolitic lime - no stains Soft 2404-2410
- 2420 - 2445 Gray-white lime
- 2445 - 2455 Ditto - trace chert
- 2455 - 2460 Gray shale - some gray-white lime
- 2460 - 2465 Gray shale and gray-white lime
- 2465 - 2470 Gray-white lime
- 2470 - 2475 Ditto - slightly oolitic
- 2475 - 2485 Gray-white lime
- 2485 - 2500 Ditto - some gray shale
- 2500 - 2505 Gray-white lime
- 2505 - 2510 Light gray lime
- 2510 - 2520 Gray-white lime
- 2520 - 2525 Gray shale
- 2525 - 2530 Gray and black shale
- 2530 - 2550 Gray shale - some gray-white lime
- 2550 - 2555 Gray shale - some black shale
- 2555 - 2565 Gray shale - little lime
- 2565 - 2575 Gray shale
- 2575 - 2585 Gray shale - some gray-white lime
- 2585 - 2600 Gray shale
- 2600 - 2610 Ditto - little gray lime
- 2610 - 2620 Ditto - increase lime
- 2620 - 2635 Light gray and gray-white lime - some gray shale

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~~2150 N. 10th St.~~

WICHITA 2, KANSAS

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Sample Determination

Donald T. Ingling, et al.

Miller No. 1

2845 - 2850 Ditto
*2851 Circulated 1/2 Hr. - Ditto - few pieces medium finely granular crystalline dolomite with good porosity and stains - free oil in wet sample - fair odor
Circulated 1 Hr. - Medium finely granular crystalline dolomite with good porosity - 95% saturated - fair odor
Circulated 1 1/2 Hrs. - Ditto - 90% saturated
*Drill Stem Test 2846 - 2851,
Open 15 minutes - recovered 60 ft. oil cut mud

2851 Rotary Total Depth
5 1/2" Casing Cemented @2845 1/2
R U S T

Derrick Floor Data

2811 -1343 Top Conglomerate
2842 -1374 Top Mississippian
2849 -1381 Rotary Total Depth

Note: Mississippian "pay" in this test appears equally as good as in Hofsonmer No. 1, in Sec. 6, T18S, R1W.

2-24-48

SRS

1/28 - of 10 W.G. holders