

**FRANCIS C. WHISLER**  
CERTIFIED PETROLEUM GEOLOGIST

**RUSSELL, KANSAS 67665**  
Bus. 913-483-3020 Res. 913-483-3496

KCC

MAR 13 1992



Computer inventoried

FISK OIL, INC.  
P. O. Box 89  
Ketchum, Oklahoma

Geological Report  
Waudby No. 5  
50' W of NE NW NW  
Sec. 26, T 14 S, R 15 W  
Russell County, Kansas

API 15-167-23002

Nov. 14, 1991

STATE CORP. RECEIVED  
COMMISSION  
MAR - 4 1992  
CONSERVATION  
Wichita, Kansas

26-14-15W

FISK OIL, INC.  
P. O. Box 89  
Ketchum, Okla.

Geological Report: Waudby No. 5  
50' W of NE NW NW  
Sec. 26, T 14 S, R 15 W  
Russell County, Kansas

Contractor: Emphasis Oil Operations

Drilling Commenced: Nov. 9, 1991

Drilling Completed: Nov. 13, 1991

Casing Record: 606' of 8 5/8" surface casing cemented with  
250 sacks cement.  
3301' of 5 1/2" production casing cemented  
with 100 sacks cement.

Samples: Saved and examined from 2750' to 3302', TD.  
Zones of interest are described in this  
report.

Drilling Time: Recorded and plotted from 2750' to 3302', TD.  
A copy of the drilling time/lithology log is  
included with this report.

Drillstem Tests: None

Electric Logs: None

Elevations: Kelly Bushing: 1880'  
Ground Level: 1875  
Measurements From: K. B.

Formations:	Depths:	Datums:
Topeka Lime	2779	- 899
Heebner Shale	3001	-1121
Toronto Lime	3020	-1140
Lansing-Kansas City	3055	-1175
Base of Kansas City	3288	-1408
Gorham Sand	3300	-1420
Total Depth	3302	-1422

Lithology; Zones of Interest:

Topeka Lime:

2952-2971: LS-light gray, buff, dense to white chalky with some fossil porosity. Trace of light oil stain.

Toronto Lime:

3020-3030: LS-white, some buff, dense, fine crystalline with some slight porosity. Trace of stain.

Lansing-Kansas City:

3055-3070: LS-white, buff, fine crystalline, dense with trace of light stain.

3080-3084: LS-white, light gray, crystalline, dense with some slight fossil porosity. Trace of light stain.

3094-3098: LS-white, buff, light gray, dense crystalline with some oolitic lime. Trace of fossil porosity. Rare light oil stain.

3126-3132: LS-gray, buff, dense crystalline with trace of vuggy porosity and trace of stain.

3140-3145: LS-white, light gray, dense to chalky with trace of fossil porosity. Trace of stain.

3152-3165: LS-white, light gray, dense to oolitic and oolitic with trace of stain.

3218-3230: LS-white, light gray, dense to partly oolitic with trace of stain.

3241-3245: LS-white, buff, light gray, dense to some fine oolitic porosity with trace of stain.

3268-3280: LS-white, buff, light gray, dense to partly oolitic with trace of stain.

Gorham Sand:

3300-3302: SS-few clusters of fine grained, clear, rounded to subrounded sand with fair amount of unconsolidated medium grained sand. Abundant shales and limes. Some fine grained clusters with trace of stain and show of free oil. Good odor. Some dense fine grained ss clusters with no porosity and no stain. Some soft, friable ss clusters with small amount of oil stain.

Remarks & Recommendations:

The following table compares the Waudby #5 with the Waudby #4, a Gorham Sand producer, one location South:

	Waudby #5	Waudby #4
Topeka Lime	- 899	- 898
Lansing-Kansas City	-1175	-1179
Gorham Sand	-1420	-1419½
Total Depth	-1422	-1423

You will note that on top of the LKC, the Waudby #5 ran 4 feet higher than the Waudby #4; but, on top of the Gorham Sand, the #5 well ran ½ foot lower.

During the drilling of the well, numerous zones of staining were noted in the Topeka, Toronto and Lansing-Kansas City. None of these zones appeared to have any commercial value, so were not tested by drillstem test.

When the Gorham Sand was encountered an adequate show of oil was present to warrant setting production casing. Casing was set one foot off bottom for completion in the open hole. I believe that the well should result in a good commercial Gorham Sand producer.

Respectfully submitted;

*Francis C. Whisler*

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