

01-238-31W

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KCC WICHITA

HESS OIL COMPANY

225 N. Market, Suite 300
Wichita, Kansas 67202

(316) 263-2243

ORIGINAL

GEOLOGICAL REPORT

15-055-21895-00-00

TREKELL #5

1920' FSL, 330' FEL of

SECTION 1 - 23S - 31W

FINNEY COUNTY, KANSAS

Commenced: 11-29-05

Elevations: 2864' GR, 2869' KB

Completed: 12-6-05

Surface Pipe: 8-5/8" @ 314' KB

Contractor: Mallard J.V.

Production Pipe: none

One foot drilling time was kept to the nearest $\frac{1}{2}$ minute from 3900' KB to RTD. Ten foot drilling samples (wet & dry) were kept from 4500' KB to rotary total depth.

Following are sample tops, descriptions of zones of interest (including all shows of oil & gas), and the results of all drill stem tests.

<u>HEEBNER</u>	<u>3966</u>	<u>(-1097)</u>
<u>TORONTO</u>	<u>3986</u>	<u>(-1117)</u>
<u>LANSING</u>	<u>4016</u>	<u>(-1147)</u>

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Trekell #5
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STARK SHALE 4370 (-1501)

BASE KANSAS CITY 4460 (-1591)

PAWNEE 4560 (-1691)

4596-4602' KB

White, finely crystalline, dense, limestone. Slight show of free oil in poor "on-edge" porosity, no odor, slight stain, and a slight cut.

CHEROKEE SHALE 4602 (-1733)

MISSISSIPPI ST. GENEVIEVE 4738 (-1869)

4793-97' KB

Tan, very finely crystalline, dense, limestone. Very slight show of free oil in very poor "on-edge" porosity, no odor, very slight stain, and a very slight cut. (2 small PC's in tray)

MISSISSIPPI ST. LOUIS 4823 (-1954)

ROTARY TOTAL DEPTH 4832 (-1963)

DRILL STEM TEST #1 4810' - 4832' KB 22' Anchor

Blow: Slow build to 5" in 35 min. then steady. 2nd
Opening -- 2" in 10min. then steady.

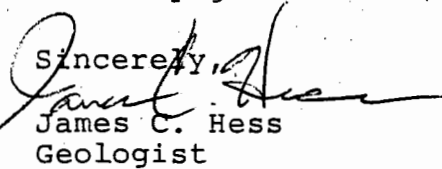
Times: Open 60, Closed 45, Open 60, Closed 45.

Recovered: 15' Gassy Oil
341' Mud Cut SW

Pressures: IH 2373# IF 27 - 140# ISIP 758#
FH 2362# FF 141 - 171# FSIP 725#

It was decided to plug the Trekell #5 without logging. This was the last location on the lease and the only good show (although weak) was covered in DST #1.

Sincerely,


James C. Hess
Geologist