

HESS OIL COMPANY

225 N. Market, Suite 300
Wichita, Kansas 67202

(316) 263-2243

GEOLOGICAL REPORT

GIESS B #3

1120' FNL, 1760' FEL of

SECTION 26 - 15S - 25W

TREGO COUNTY, KANSAS

Commenced: 1-3-08 Surface Pipe: 8-5/8" @ 203' KB
Completed: 1-11-08 Production Pipe: 5½"
Contractor: Mallard J.V. Elevations: 2521' GR, 2526' KB

One foot drilling time was kept from 1920 to 2020' KB and from 3700' to RTD. Ten foot samples (wet & dry) were kept from 4300' 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>ANHYDRITE</u> | <u>1955</u> | <u>(+571)</u> |
| <u>BASE ANHYDRITE</u> | <u>1989</u> | <u>(+537)</u> |
| <u>HEEBNER</u> | <u>3834</u> | <u>(-1308)</u> |
| <u>LANSING</u> | <u>3875</u> | <u>(-1349)</u> |

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26-15-25W

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| | | |
|-------------------------|-------------|----------------|
| <u>STARK SHALE</u> | <u>4110</u> | <u>(-1584)</u> |
| <u>BASE KANSAS CITY</u> | <u>4168</u> | <u>(-1642)</u> |
| <u>PAWNEE</u> | <u>4291</u> | <u>(-1765)</u> |
| <u>FORT SCOTT</u> | <u>4374</u> | <u>(-1848)</u> |
| <u>CHEROKEE SHALE</u> | <u>4397</u> | <u>(-1871)</u> |

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4390-97' KB

Tan, very finely crystalline, dense, limestone. Weak show of free oil in very poor intercrystalline porosity, no odor, fair cut, and a slight stain.

MISSISSIPPI

4475 (-1949)

4475-84' KB

White, very fine to finely crystalline, dense, limestone. Good show of free oil in poor intercrystalline porosity, fair odor, and a good stain, strong cut.

4484-92' KB

Tan to brown, medium crystalline, dense, dolomite. Good show of free oil in fair intercrystalline porosity, fair odor, good stain, and a strong cut.

DRILL STEM TEST #1

4464 to 4492' KB

28' Anchor

MISRUN I Packer failure.

DRILL STEM TEST #2

4396 to 4492' KB

96' Anchor

MISRUN II Packer failure.

4492-96' KB

Tan to brown, medium crystalline, dense, dolomite. Good show of free oil in fair intercrystalline porosity, good stain, fair odor, and a good cut.

DRILL STEM TEST #3

4480 to 4496' KB

16' Anchor

Blow: Bottom of bucket in 4 minutes. 2nd -- bottom of bucket in 5 min.

Times: Open 30, Closed 45, Open 30, Closed 45.

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DRILL STEM TEST #3 (cont.)

Recovered: 310' Gas 1302' Mud & Gas Cut Oil !

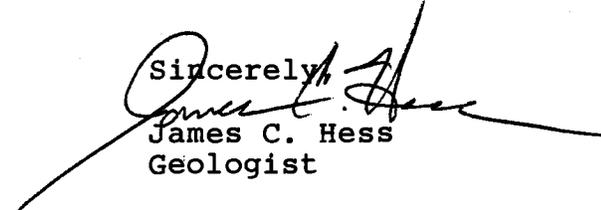
Pressures: IH 2350# IF 70 - 321# ISIP 1218#
FH 2266# FF 315 - 484# FSIP 1207#

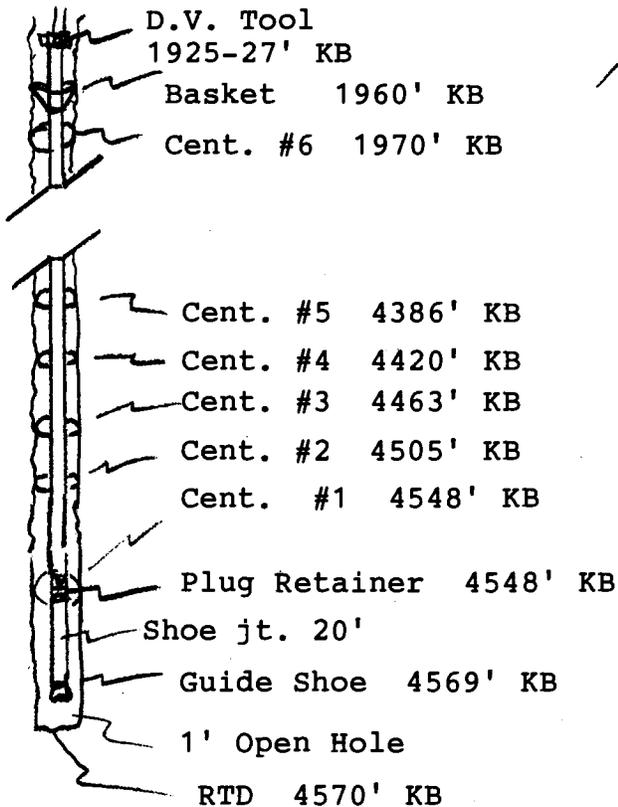
Shows continued through 4496 to 4530' KB. I estimate the oil/SW contact approx. 4510' KB (-1984).

ROTARY TOTAL DEPTH 4570 (-2044)

5½" 15# casing was set 1' off bottom and cemented with 150sx EA-2 cement - plug down 9:15pm. Then the D.V. Tool was opened & mud circulated for 4 hrs. Top stage was cemented with 225 sx SMDC. Cement did circulate to surface - plug was down 1:45 AM 1-11-08. No logs were run.

Sincerely,


James C. Hess
Geologist



Called KCC 1-10-08 4:00pm

[cent. # 1-5 are flowmasters]

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