

HESS OIL COMPANY

225 N. Market, Suite 300
Wichita, Kansas 67202

(316) 263-2243

GEOLOGICAL REPORT

NORMA #1

2350' FSL, 150' FEL of

SECTION 5 - 16S - 21W

NESS COUNTY, KANSAS

Commenced: 2-5-07

Surface Pipe: 8-5/8" @ 201' KB

Completed: 2-11-07

Elevations: 2369' GR, 2374' KB

Contractor: Mallard J.V.

Production: none

One foot drilling time was kept from 1680' to 1760' KB and from 3600' to RTD. Ten foot drilling samples (wet & dry) were kept from 4100' 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>1698</u>	<u>(+676)</u>
<u>BASE ANHYDRITE</u>	<u>1738</u>	<u>(+636)</u>
<u>HEEBNER</u>	<u>3766</u>	<u>(-1392)</u>
<u>LANSING</u>	<u>3808</u>	<u>(-1434)</u>

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KANSAS CORPORATION COMMISSION

APR 09 2007

CONSERVATION DIVISION
WICHITA, KS

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Norma #1
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<u>BASE KANSAS CITY</u>	<u>4073</u>	<u>(-1699)</u>
<u>PAWNEE</u>	<u>4158</u>	<u>(-1784)</u>
<u>FORT SCOTT</u>	<u>4224</u>	<u>(-1850)</u>

4242-50' KB

Clear, fine to medium grained, well rounded, fairly sorted, sandstone clusters & loose grains. Fair show of free oil in fair intergrannular porosity, no odor, good stain, and a good cut. (a little heavy tar stain)

DRILL STEM TEST #1 4200' to 4250' KB 50' Anchor

Blow: Slow build to 1" then died in 35 min.

Times: Open 45, Closed 45, Open 0, Closed 0

Recovered: 20' Mud

Pressures:	IH	2075#	IF	20 - 38#	ISIP	593#
	FH	1957#	FF	---	FSIP	---

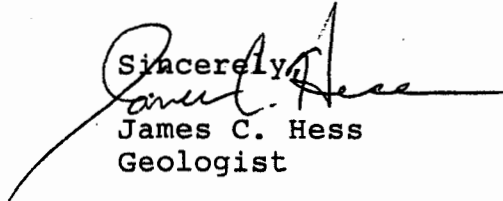
4250-67' KB

Mostly Red Shales! A few loose grains sand.
No Show!

ROTARY TOTAL DEPTH 4267 (-1893)

It was decided to plug the Norma #1 without further testing or logs. The only show had been tested. Then just below DST #1, the well went into conglomerate shales. RTD was below the known water table in the area.

Sincerely,


James C. Hess
Geologist

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