

15-195-22266

17-15s-22w

HESS OIL COMPANY

225 N. Market, Suite 300
Wichita, Kansas 67202

(316) 263-2243

GEOLOGICAL REPORT

RECEIVED
OCT 22 2004
KCC WICHITA

SE SW SE

ROSETTA #1

200' FSL, 1590' FEL of

SECTION 17 - 15S - 22W

TREGO COUNTY, KANSAS

API 15-195-22266-00-00

Commenced: 8-26-04

Elevations: 2286' GR, 2291' KB

Completed: 9-1-04

Surface Pipe: 8-5/8" @ 233' KB

Contractor: Mallard J.V.

Production Pipe: 5½"

One foot drilling time was kept from 1600' to 1700' KB and from 3500' to RTD. Ten foot drilling samples (wet & dry) were kept from 4000' 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.

ANHYDRITE

1638 (+653)

BASE ANHYDRITE

1678 (+613)

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Rosetta #1
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<u>HEEBNER</u>	3626	(-1335)
<u>TORONTO</u>	3648	(-1357)
<u>LANSING</u>	3668	(-1377)
<u>STARK SHALE</u>	3887	(-1596)
<u>BASE KANSAS CITY</u>	3937	(-1646)
<u>MARMATON</u>	3968	(-1677)
<u>PAWNEE</u>	4032	(-1741)
<u>FORT SCOTT</u>	4116	(-1825)
<u>CHEROKEE SHALE</u>	4138	(-1847)

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4180-83' 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 weak cut.

4219-30' KB

Clear, medium grain, well rounded, fairly sorted, sandstone clusters & loose grains. Good show of free oil in fair intergranular porosity, good odor, good stain, and a great cut.

DRILL STEM TEST #1 4138' to 4230' KB 92' Anchor

Blow: strong -- bottom of bucket in 1 min. !

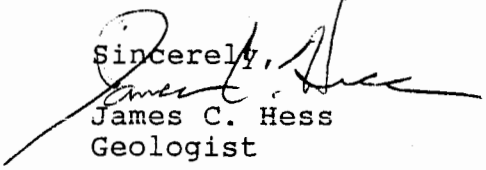
Times: Open 15, Closed 15, Open 0, Closed 0.

Recovered: 200' Gas 1875' Gassy Oil !!!

Pressures:	IH	2080#	IF	676 - 926#	ISIP	1254#
	FH	2018#	FF	---	FSIP	---

ROTARY TOTAL DEPTH 4230 (-1939)

It was decided to run 5½" casing for Open Hole completion without a log.

Sincerely,

James C. Hess
Geologist