# **SCOTT CORSAIR**

### **PETROLEUM GEOLOGIST #55**

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RECEIVED KANSAS CORPORATION COMMISSION

MAY 2 1 2007

CONSERVATION DIVISION WICHITA, KS

### **GEOLOGICAL REPORT**

## AMERICAN WARRIOR, INC.

Zerener-Schaben #1 130' FSL & 1290' FWL Section 27-19S-21W Ness County, KS API# 15-135-24570 OPERATOR:

AMERICAN WARRIOR, INC.

WELL:

**ZERENER-SCHABEN #1** 

API NO.:

15-135-24570

LOCATION:

130' FSL & 1290' FWL, 27-19S-21W, NESS

COUNTY, KANSAS

WELLSITE:

**PASTURE** 

COMMENCED:

**NOVEMBER 27, 2006** 

COMPLETED:

**DECEMBER 5, 2006** 

**ELEVATIONS:** 

2278' GL; 2284' KB

TOTAL DEPTH:

4432' (DRILLER)

CASING:

SURFACE: 8 5/8 @ 211' W/ 160 SKS.

PRODUCTION: 5 1/2 @ 4430' W/ 150 SKS.

PORT COLLAR @ 1486'

**SAMPLES:** 

10 FT. FROM 3600' TO T.D.

LOGS:

**NONE** 

DRILLSTEM TESTS:

ONE (1) BY TRILOBITE

**CONTRACTOR:** 

PETROMARK (RIG #1)

REMARKS: Geological supervision: 3600' - T.D.

FORMATION TOPS	ELECTRICAL LOG		SAMPLES
	SUBSEA		SUBSEA
Anhydrite		1503	+781
Chase			
Heebner		3798	-1514
Lansing		3843	-1559
Base KC		4158	-1874
Pawnee		4289	-2005
Ft. Scott		4328	-2044
Cherokee		4344	-2060
Mississippian		4410	-2126
Total Depth		4432	-2148

### SAMPLE ZONE DESCRIPTION

Driller's Measurements

#### LANSING-KANSAS CITY 3843 -1559

There were no shows of oil/gas observed in the porous zones during the drilling of the Lansing-Kansas City section.

#### FT. SCOTT 4328 -2044

There were no shows of oil/gas observed in the porous zones during the drilling of the Ft. Scott section.

#### **CHEROKEE 4344 -2060**

There were no shows of oil/gas observed in the porous zones during the drilling of the Cherokee section.

#### MISSISSIPPIAN 4410 -2126

**<u>Dolomite:</u>** tan-brown, crystalline, fair show of free oil, fair fluorescence and excellent cut, good odor. 20 unit gas kick.

<u>Chert:</u> white, weathered, tripolitic, good porosity, fair show of free oil, good fluorescence and excellent cut, good odor; 20 unit gas kick.

<u>Drill Stem Test No. 1:</u> 4419-4432 /30-30-30/ Initial flow: 1/4" blow throughout; Initial shut in: no blow: Final Flow: no blow; Final Shut in: no blow. Recovered: 5' of mud

IHP 2329173 IFP 40-39109-183 ISIP 39 FFP 26-38 FSIP 40 FHP 1899

Tool showed it was plugged. Mud-Co ran new mud program on this well and the mud was in very poor condition and resulted in the hole being in very poor condition. Tool slid 5' to bottom. The hydrostatic pressures indicate that the hole was taking fluid.

**BHT 114 F** 

FORMATION	American Warrior	American Warrior	Kern-Landes
	Zerener-Schaben #1	B Schaben #1-34	#1 Moore
	130' FSL & 1290'	900' FNL & 2195'	NW NW; 34-19S-
	FWL; 27-19S-21W	FWL; 34-19S-21W	21W Ness County,
	Ness County, KS	Ness County, KS	KS
Anhydrite	+781	+783	+779
Heebner	-1514	-1508	-1513
Lansing	-1559	-1553	-1559
Ft. Scott	-2044	-2043	-2062
Mississippian	-2126	-2130	-2161

### **SUMMARY AND RECOMMENDATIONS**

Structural position, gas detector results and sample examination indicate probable commercial production from the Mississippian formation, 5 ½" casing was set 2 feet off bottom @ 4430'. The poor mud condition and resulting poor hole condition caused American Warrior, Inc. to not run an electrical log or attempt another drill stem test. It was decided to continue testing through casing. The following zones are recommended for testing:

1. Mississippian: 4410-4432'

Measurements were taken from rotary kelly bushing ( 6 feet above ground level). Driller's measurements are taken as correct.

**Scott Corsair** 

Respectfully,

Petroleum Geologist #55

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CEOLOGIST