

# **SCOTT CORSAIR**

## **PETROLEUM GEOLOGIST #55**

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## **GEOLOGICAL REPORT**

## **AMERICAN WARRIOR, INC.**

Cox #1-23  
330'FNL & 465' FEL  
Section 23-20S-22W  
Ness County, KS  
API # 15-135-24655  
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RECEIVED  
KANSAS CORPORATION COMMISSION

**AUG 02 2007**

CONSERVATION DIVISION  
WICHITA, KS

23-20S-22W

OPERATOR: AMERICAN WARRIOR, INC.  
 WELL: COX #1-23  
 API NO.: 15-135-24655  
 LOCATION: 330' FNL & 465 FEL, 23-20S-22W, NESS COUNTY, KANSAS  
 WELLSITE: FARMGROUND  
 COMMENCED: JUNE 29, 2007  
 COMPLETED: JULY 9, 2007  
 ELEVATIONS: 2212' GL ; 2218' KB  
 TOTAL DEPTH: 4993' (DRILLER); 4995' (LOG)  
 CASING: SURFACE: 8 5/8 @ 216' W/ 160 SKS.  
 PRODUCTION: 5 1/2 @ 4763' W/ 200 SKS.  
 PORT COLLAR @ 2431'  
 SAMPLES: 10 FT. FROM 3600' TO T.D.  
 LOGS: DUAL INDUCTION, DUAL COMPENSATED POROSITY, BOREHOLE COMPENSATED SONIC & MICRO (LOG-TECH)  
 DRILLSTEM TESTS: TWO (2) BY TRILOBITE  
 CONTRACTOR: PETROMARK (RIG #1)  
 REMARKS: Geological supervision: 3600' - T.D.

FORMATION TOPS	E-LOG SUBSEA		SAMPLES SUBSEA	
Anhydrite	1427	+791	1429	+789
Chase	2304	-86		
Heebner	3699	-1481	3702	-1484
Lansing	3748	-1530	3751	-1533
Base KC	4088	-1870	4088	-1870
Pawnee	4182	-1964	4184	-1966
Ft. Scott	4264	-2046	4264	-2046
Cherokee	4288	-2070	4289	-2071
Chert Conglomerate	4340	-2122	4342	-2124
Mississippian	4383	-2165	4382	-2164
Gilmore City	4472	-2254	4470	-2252
Viola	4584	-2366	4582	-2364
Arbuckle	4746	-2528	4740	-2520
Total Depth	4995	-2777	4993	-2775

## SAMPLE ZONE DESCRIPTION

Logger's Measurements

### LANSING-KANSAS CITY 3748 -1530

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

### FT. SCOTT 4264 -2046

**Limestone:** light gray and buff, crystalline, fossiliferous, fair intercrystalline porosity, good show of free oil, good fluorescence, excellent cut fluorescence, fair odor, 30 unit gas kick.

**Drill Stem Test No. 1:** 4245-4290 /30-30-30-30/ Initial flow: weak surface blow built to 2"; Initial shut in: no blow; Final flow: weak surface blow built to 3.5"; Final shut in: no blow.

Recovered: 30' of gas in pipe & 30' of very slightly oil cut mud: 5% oil & 95 mud

IHP 2170  
IFP 18-18  
ISIP 216  
FFP 19-23  
FSIP 157  
FHP 2060  
BHT 116 F

### CHEROKEE 4288 -2070

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

### CONGLOMERATE 4340 -2122

**Chert:** yellow-tan, angular, fresh, no show of oil or gas.

### MISSISSIPPIAN 4383 -2165

**Chert:** white – clear, weathered, tripolitic, very slight show of free oil, fair fluorescence, excellent cut fluorescence, Good odor, 15 unit gas kick. **Dolomite:** white, sucrosic, very slight show of free oil, fair fluorescence, excellent cut fluorescence, fair to good odor, 15 unit gas kick.

**Drill Stem Test No. 2:** 4314-4384 /30-30-30-30/ Initial flow: weak blow built to 5";  
Initial shut in: no blow; Final flow: weak blow built to 3". Final shut in: no blow .

Recovered: 100' of watery mud

IHP 2153  
IFP 18-40  
ISIP 1313  
FFP 46-6780  
FSIP 1312  
FHP 2092  
BHT 119 F

**GILMORE CITY 4472 -2254**

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

**VIOLA 4584 -2366**

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

**ARBUCKLE 4746 -2777**

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

FORMATION	American Warrior Cox #1-23 330' FNL & 465' FEL; 23-20S-22W Ness County, KS	American Warrior Dave Albers #1-24 1055' FNL & 790' FWL; 24-20S-22W Ness County, KS	Rains & Williamson #1 Goatley NE NE 23-20S-22W Ness County, KS
Anhydrite	+791	+798	+784
Heebner	-1481	-1476	-1481
Lansing	-1530	-1528	-1532
Ft. Scott	-2046	-2039	-2047
Mississippian	-2165	-2127	-2146

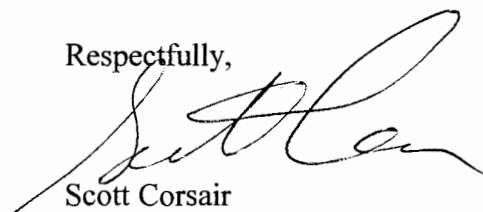
## SUMMARY AND RECOMMENDATIONS

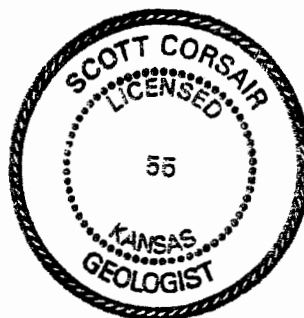
Structural position, gas detector results, sample examination and Electrical log analysis prove this test as non-commercial. 5 ½" casing was set with a packer shoe @ 4763', 232' off bottom. This well will be completed as an Arbuckle salt water disposal well. The Krider member of the Chase Group showed a 50 unit gas kick while drilling and should be evaluated for possible gas production.

1. Chase: 2304-2320'

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

Respectfully,

  
Scott Corsair  
Petroleum Geologist #55



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