

Computer Inventoried

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GEOLOGICAL REPORT

AMERICAN WARRIOR, INC.

BOTT #1-23

200' NW OF C SE

Section 23-18S-21W

Ness County, Kansas

OPERATOR: AMERICAN WARRIOR, INC.
 WELL: BOTT No. 1-23
 API NO.: 15-135-24072
 LOCATION: 1480' FSL & 1390' FEL, SEC. 23-18S-21W
 WELLSITE: FARMGROUND
 COMMENCED: JUNE 18, 1999
 COMPLETED: JUNE 26, 1999
 ELEVATIONS: 2104' GL ; 2112' KB
 TOTAL DEPTH: 4200' (DRILLER); 4200 (LOGGER) 4606 (Drilled Deeper)
 CASING: SURFACE: 8 5/8 @ 227' W/150 SKS
 PRODUCTION: 5 1/2 @ 4196' W/100 SKS
 PORT COLLAR @ 2356
 3 1/2" LINER FROM 4160-4606
 SAMPLES: 10 FT. FROM 3500' TO 4200
 LOGS: DUAL INDUCTION, DUAL COMPENSATED
 POROSITY, BOREHOLE COMPENSATED SONIC, BY
 LOG-TECH, GAMMA RAY NEUTRON BY PERFTECH
 DRILLSTEM TESTS: NONE
 CONTRACTOR: DISCOVERY DRILLING (RIG 2)

REMARKS: Geological supervision: 3500' - T.D.

FORMATION TOPS	ELECTRICAL LOG SUBSEA		SAMPLES SUBSEA	
Anhydrite	1310	+802	1318	+794
Chase	2180	- 68		
Heebner	3542	-1430	3538	-1426
Lansing	3585	-1473	3584	-1472
Base Kansas City	3905	-1793	3901	-1789
Pawnee	3988	-1876	3982	-1870
Ft. Scott	4048	-1936	4051	-1939
Cherokee Shale	4067	-1955	4072	-1960
Mississippian Osage	4145	-2033	4146	-2034
Viola	4334	-2222		
Simpson	4500	-2388		
Arbuckle	4514	-2402		
Total Depth	4606	-2494		

SAMPLE ZONE DESCRIPTION

Logger's Measurements

LANSING-KANSAS CITY 3585 -1473

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

FT. SCOTT 4048 -1936

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

CHEROKEE 4067 -1955

4076-4088, Sandstone: clear to frosted, poorly sorted, angular, friable shaly clusters, fair show of free oil, fair fluorescence, excellent cut when broke.

4092-4008, Sandstone: clear, poorly sorted, sub-rounded, clusters, good show of free oil, fair fluorescence, excellent cut when clusters broke, slight odor.

4112-4226, Sandstone: clear and frosted, fine grained, well sorted, no show of oil.

MISSISSIPPIAN OSAGE 4145 -2033

Chert: white, angular, fresh, no show of oil.

ROTARY TOTAL DEPTH 4200 -2088
DRILLED DEEPER WITH WORKOVER RIG
NO SAMPLES COLLECTED

VIOLA 4334 -2222

SIMPSON 4500 -2388

ARBUCKLE 4514 -2402

FORMATION	American Warrior, Inc Bott #1-23, 1480 FSL & 1390 FEL, 23-18S- 21W	Alpine Drilling, Co #1-B Gish, C NW SE, 23-18-21W	R. W. Shields #1 Gish, SE SE SE 23-18S-21W
Anhydrite	+802	+794	+798
Lansing	-1473	-1484	-1483
Cherokee	-1955	-1959	
Mississippian Osage	-2033	-2034	-2022

SUMMARY AND RECOMMENDATIONS

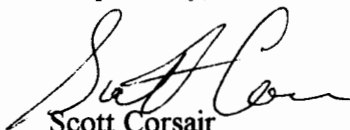
Structural position and Electrical log analysis indicate probable commercial oil production from the Cherokee and commercial gas production from the Chase. Based upon available data 5 1/2" production casing was set.

Pipe was set 4 feet off bottom @ 4196'. The following zones are recommended for testing.

1. Cherokee Sand: 4092-4096
2. Cherokee Sand: 4112-4218
3. Chase: 2208-2214 & 2247-2251

Measurements were taken from rotary kelly bushing (8 feet above ground level). Logger's measurements are taken as correct. Attempted completion in the Cherokee proved to be unsuccessful. The well was deepened into the Arbuckle and will be completed as a dual salt water disposal and Chase gas well.

Respectfully,


Scott Corsair
Petroleum Geologist

