

ORIGINAL

SCOTT CORSAIR

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GEOLOGICAL REPORT

MID CONTINENT RESOURCES, INC.

DORSA #2
100' S OF E/2 NE NW
Section 26-19S-22W
Ness County, Kansas

RECEIVED
STATE CORPORATION COMMISSION

FEB 25 1999

CONSERVATION DIVISION

SAMPLE ZONE DESCRIPTION

Logger's Measurements

LANSING-KANSAS CITY 3778 -1511

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

FT. SCOTT 4282 -2015

Limestone: gray-tan, fossiliferous, poor interfossiliferous porosity, fair show of free oil, good fluorescence, good cut, no odor.

CHEROKEE 4302 -2035

4376-4379; Conglomerate: Dolomite, tan, sucrosic, good intercrystalline porosity, excellent show of free oil, excellent fluorescence, excellent cut, fair odor. Fair amount of fossiliferous coral **Dolomite** deeper in the zone, excellent odor.

MISSISSIPPIAN OSAGE 4392 -2125

Chert: white, weathered tripolitic, good vuggy porosity, fair show of free oil, good fluorescence and excellent cut, good odor.

FORMATION	Mid Continent Resources, Inc. Dorsa #2 100' S of E/2 NE NW 26-19S-22W	Mid Continent Resources, Inc. Dorsa #1 OWWO C NE NW 26-19S-22W	
Anhydrite	+763	+770	
Lansing	-1511	-1503	
Cherokee	-2035	-2030	
Mississippian Osage	-2125	-2122	

OPERATOR: MID CONTINENT RESOURCES, INC.
WELL: DORSA #2
API NO.: 15-135-24054
LOCATION: 100' S OF E/2 NE NW, SEC. 26-19S-22W
WELLSITE: FARMGROUND
COMMENCED: MAY 1, 1998
COMPLETED: MAY 8, 1998
ELEVATIONS: 2259' GL ; 2267' KB
TOTAL DEPTH: 4394' (DRILLER); 4395 (LOGGER)
CASING: SURFACE: 8 5/8 @ 311' W/180 SKS
 PRODUCTION: 5 1/2 @ 4390' W/100 SKS
 PORT COLLAR @ 1490
SAMPLES: 10 FT. FROM 3700' TO T.D.
LOGS: DUAL INDUCTION, COMPENSATED NEUTRON
 DENSITY, PE, BY ELI
DRILLSTEM TESTS: NONE
CONTRACTOR: DISCOVERY DRILLING (RIG 2)

REMARKS: Geological supervision: 3700' - T.D.

FORMATION TOPS	ELECTRICAL LOG SUBSEA		SAMPLES SUBSEA	
Anhydrite	1504	+763	1500	+767
Heebner	3731	-1464	3728	-1461
Lansing	3778	-1511	3774	-1507
Base Kansas City	4121	-1854	4118	-1851
Marmaton	4154	-1887	4146	-1879
Pawnee	4203	-1936	4202	-1935
Ft. Scott	4282	-2015	4280	-2013
Cherokee Shale	4302	-2035	4300	-2033
Cherokee Conglomerate	4376	-2109	4373	-2106
Mississippian Osage	4392	-2125	4388	-2121
Total Depth	4395	-2128	4394	-2127

SUMMARY AND RECOMMENDATIONS

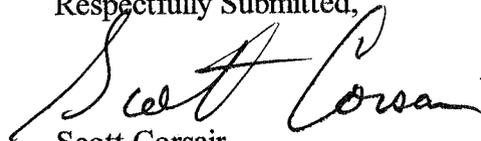
Structural position, Sample evaluation and Electrical log analysis indicate probable commercial production from the Cherokee and Mississippian Osage. Based upon available data 5 1/2" production casing was set.

Pipe was set 4 feet off bottom @ 4390'. The following zones are recommended for testing.

1. Mississippian Osage: 4390-4395 Open Hole
2. Cherokee Conglomerate: 4376-4379
3. Ft. Scott: 4286-4292; Before abandonment

Measurements were taken from rotary kelly bushing (8 feet above ground level). Logger's measurements are taken as correct.

Respectfully Submitted,



Scott Corsair
Petroleum Geologist