

**CONFIDENTIAL**

30-65-16E

**ORIGINAL**

**Professional Energy Services**

9402 Kessler Lane  
Shawnee Mission, KS 66212  
Ph.913.341.7434

**RECEIVED**

**MAR 11 2004**

**KCC WICHITA**

**GEOLOGICAL REPORT**

Operator: **EVERGREEN OPERATING CORPORATION**

Project: Straight Creek Well Name: Amon 41-30

Location: AP 65'N & 140'E NE NE - 725' FNL and 510' FEL

Sec. 30-T6S-R16E County: Jackson State: Kansas

All measurements GL: 1096' API: 15-085-20063-00-00

Company: Sr. Operations Engineer: Mr. Tom Erwin

Company: Geologist: Mr. Paul Clarke

Professional Energy Services: Geologist: Rich Robba

Drilling Superintendent: Drew Friedrichs

Patterson Logging: Roger Taylor

Drilling Contractor: Layne Christensen Company

Geosearch Logging: Mudloggers: Pat Andrews/Nathan Barnes

Commenced: 11/19/03 Completed: 11/23/03

This geological report is prepared for **EVERGREEN OPERATING CORPORATION**. Wellsite geological supervision was conducted from surface to Total Depth. The Amon 41-30 well was air drilled to approximately 1100' and then drilled by rotary mud to the Mississippi due to chips not lifting to surface with the air drill. ROP, gas curves and sample descriptions from air and mud rotary chips are recorded on the mud log and geophysical survey formation tops and coal intersections are listed below.

Amon 41-30

Formation E-Log Tops

Heebner Shale:	739'	Excello:	1488'
Lansing:	950'	VShale:	1599'
Stark Shale:	1224'	Tebo Shale:	1681'
B/Kansas City:	1277'	Mississippi:	2171'
Altamount:	1382'	RTD:	2222'
Summit:	1470'	LTD:	2224'

Coal and Coal Shale Intersections E-Log

Net Coals(ft) < 1.75 g.cc		Net Coals(ft) < 2.00 g.cc		Net Carbonaceous Shale (ft)	
Name	Depth	Name	Depth	Name	Depth
Drywood	1921.8-1923.8	Fleming	1636.8-1637.8	Mineral	1645.2-1645.9
Rowe B	1947.9-1949.2	Weir A	1730-1731.1	Weir B	1744.1-1745.8
Rowe E	1987.7-1989.8	Weir C	1762.4-1763.6	Bl. Jacket B	1840.9-1841.8
Neutral E	2042.8-2043.9	Bl. Jacket C	1866.3-1867.2	Bl. Jacket D	1874.3-1875.1
		Rowe C	1953.3-1954.1	Rowe A	1935.5-1936.4
		Rowe D	1962.9-1963.6	Neutral A	1997.7-1998.3
		Neutral B	2012.8-2013.6	Neutral C	2026.2-2027.1
		Neutral D	2030-2030.9		
		Werner	2082.1-2083.8		

Cumulative Net Thickness Density E-Log

Net Coals(ft) < 1.75 g.cc	Net Coals(ft) < 2.00 g.cc	Net Carbonaceous Shale (ft)
6.5'	8.9'	5.5'

Conventional Oil and Gas Shows

Shawnee 434-435: SANDSTONE, vfngn-fngn, calc, v dull yell flour, nosho, flash wh-yell cut, 2u inc.  
Squirrel Sandstone: SANDSTONE, elog porosity.

Respectfully submitted,

Richard A. Robba, PG  
Director of Operations  
Professional Energy Services

CONFIDENTIAL

ORIGINAL

RECEIVED  
MAR 11 2004  
KCC WICHITA

Attachment to Form: ACO-1  
Well Completion Form

Amon 41-30  
C/NE/NE Sec 30, T6S R16E  
Jackson County, KS  
Perforations

Perforations	# of ft	Shots/ft	Proppant Actual (lbs)	Clean Fluid (bbls)	Nitrogen N2 (mscf)	7.50% HCL Acid (gal)
2,082 - 2,084	2	4				
2,042 - 2,045	3	4				
1,987 - 1,990	3	4				
1,947-50, 1,953-55 & 1,962-64	7	4				
1,921 - 1,924	2	4				
1,866 - 1,868	2	4				
1,762 - 1,764	2	4				
1,730 - 1,732	2	4				
1,636 - 1,638	2	4				