

Professional Energy Services

9402 Kessler Lane
Shawnee Mission, KS 66212
Ph.913.341.7434

GEOLOGICAL REPORT

Operator: **EVERGREEN OPERATING CORPORATION**

Project: Whiting Well Name: Liggatt 42-35

Location: C SE SE 2070'FNL & 725'FEL

Sec. 35-5S-16E County: Jackson State: Kansas

All measurements GL: 1058' API: 15-085-20067-00-00

Company: Sr. Operations Engineer: Mr. Tom Erwin

Company: Geologist: Mr. Paul Clarke

Professional Energy Services: Geologist: Rich Robba

Crown: Drilling Superintendent: Fred O'Doan

Patterson Logging: Engineer: Roger Taylor

Drilling Contractor: Layne Christensen Company

Geosearch Logging: Mudloggers: Kevin Clark/ Nathan Barnes

Commenced: 01/30/04 Completed: 02/04/04

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KANSAS CORPORATION COMMISSION

MAY 07 2004

CONSERVATION DIVISION
WICHITA, KS

This geological report is prepared for **EVERGREEN OPERATING CORPORATION**. Wellsite geological supervision was conducted from surface to Total Depth. The Liggatt 42-35 well was air drilled to the BKC, water drilled with PDC to Mississippian formation and rat holed with a Tricone. ROP, gas curves and sample descriptions from the chips are recorded on the mud log and geophysical survey formation tops and coal intersections are listed below.

Liggatt 42-35

This well did not have excessive washouts. The geophysical survey offers good correlative data for the coals.

Formation E-Log Tops

Heebner Shale:	674'	Excello:	1423'
Lansing:	872'	VShale:	1511'
Stark Shale:	1153'	Tebo Shale:	1594'
B/Kansas City:	1207'	Base Penn:	2072'
Altamount:	1306'	Mississippi:	2091'
Summit:	1405'	RTD:	2250'
		LTD:	2250'

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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
Mulberry	1324.8-1325.9	Oswego	1371.3-1372.1	Flemming1	1557-1558
Bevier	1488.6-1490.2	Flemming	1551-1552.4	Weir C	1667.9-1669.3
Weir B	1648-1650	Mineral	1561.7-1562.9	Weir D	1693.9-1695.4
Drywood	1828.4-1830.9	Tebo	1605-1606.6	Rowe C	1861-1862.1
Rowe D	1873.4-1875	Weir A	1630.8-1632.1		
Neutral E	1984-1985.4	Blue Jacket A	1739-1740.4		
		Rowe A	1842.7-1843.8		
		Rowe B	1854.8-1856.1		
		Neutral A	1934.8-1936		
		Neutral C	1958-1958.8 & 1959.8-1961		

Cumulative Net Thickness Density E-Log

Net Coals (ft) < 1.75 g.cc	Net Coals (ft) < 2.00 g.cc	Net Carbonaceous Shale (ft)
10.2'	13.3'	5.0'

Conventional Oil and Gas Shows

No shows recorded.

Respectfully submitted,

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