

Professional Energy Services

9402 Kessler Lane
Shawnee Mission, KS 66212
Ph.913.341.7434

GEOLOGICAL REPORT

Operator: **EVERGREEN OPERATING CORPORATION**

Project: Lancaster D Well Name: Peckman Angus 43-7 S

Location: Ap SE SW NE SE 1500' FSL and 800' FEL

Sec. 7-T18S-R24E County: Miami State: Kansas

All measurements GL: 902' API: 15-121-27795-00-00

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: Mudloggers: Gary Maddox/Nathan Barnes

Commenced: 11/06/03 Completed: 11/07/03

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KANSAS CORPORATION COMMISSION

MAR 8 2004

CONSERVATION DIVISION
WICHITA, KS

This geological report is prepared for **EVERGREEN OPERATING CORPORATION**. Wellsite geological supervision was conducted from surface to TD. This well was air drilled. ROP, gas curves and sample descriptions from rotary chips are recorded on the mud log and geophysical survey formation tops and coal intersections are listed below. Peckman Angus 43-7 lost hole at 45' due to broken bit, skid rig to 43-7 S.

Peckman Angus 43-7 S

Formation E-Log Tops

Stark Shale:	57'	VShale:	528'
B/Kansas City:	99'	Tebo:	591'
Altamount:	306'	Mississippi:	747'
Summit:	410'	RTD:	880'
Excello:	432'	LTD:	875'

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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
Mulberry	322.8-324.1
Fleming	552.2-553.9
Mineral	562-563.6
Tebo	592.1-593.3
Rowe A	734.9-736.8

Name	Depth
Mulky	433.4-434

Name	Depth
Lexington	362-363
Bevier	511.2-512.1
Rowe B	531.6-532.4
Bluejacket	645.9- 646.7
Drywood	698.7-699.9

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Cumulative Net Thickness E-Log

Net Coals(ft) < 1.75 g.cc

Net Coals(ft) < 2.00 g.cc

Net Carbonaceous Shale (ft)

7.7'

0.6'

4.7'