

# DEAN E. SEEBER

Petroleum Geologist

101 S. Star  
El Dorado, KS 67042

## Geological Report

H. McDaniel C-4  
N/2 N/2 NW SE Sec 28-T31S-R15E  
Montgomery County, KS  
API 15-125-30598

Operator: Jones Gas Corporation #32654  
Contractor: Well Refined Drilling Co, Inc. #33072  
Commenced: 8-25-04  
Completed: 8-27-04  
Surface Casing: 8 5/8  
Production Casing: 4 1/2" @ 1404  
Ground Level Elevation: 995

## Formation Log Tops

Mulberry	846	+149
Pawnee	852	+143
Lexington	874	+121
Oswego	940	+55
Summit	969	+26
Mulky	998	-3
Bevier	1024	-29
Crowburg	1045	-50
Fleming	1086	-91
Weir	1154	-159
Rowe	absent	
Riverton	1357	-362
Mississippi	1370	-375
RTD	1404	-409

RECEIVED  
KANSAS CORPORATION COMMISSION  
1 SEP 22 2004  
CONSERVATION DIVISION



Gas test 11 oz 1/2" = 20.9 @ 1129

Weir 1154.5 - 1156

Coal, black.

Gas test 5 oz 3/4" = 31.6 @ 1165  
4.5 oz @ 1304

Riverton 1357 - 1357.5

Coal, black, very pyritic, slight gas bubbles.

Mississippi 1370 - 1374

Chert, off-white, tripolitic, abundant solid hydrocarbon residue.

1374 - 1376

Slight show of live oil.

Gas Test 5 oz 3/4" = 31.6 @ 1379

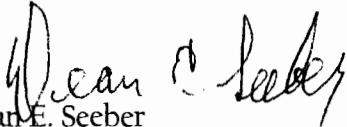
RTD 1404

Gas Test 4 oz 3/4" @ 1404

Summary

Due to the gas tests in the Weir and Mulky, 4 1/2" casing was run and cemented for completion.

Sincerely,

  
Deane E. Seeber  
Petroleum Geologist

