

KANSAS GEOLOGICAL SOCIETY  
 KANSAS WELL LOG BUREAU - KANSAS WELL SAMPLE BUREAU  
 KANSAS GEOLOGICAL SOCIETY BUILDING  
 508 EAST MURDOCK - WICHITA, KANSAS

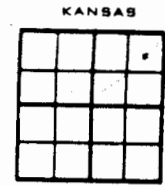
15-32-19W

COMPANY GRAHAM-MICHAELIS  
 FARM Allderdice NO. 1

SEC. 15 T. 32 R. 19W  
 LOC. C NE NE

TOTAL DEPTH 5425'  
 COMM. 5-21-67 COMP. 6-4-67  
 SHOT OR TREATED  
 CONTRACTOR Graham-Michaelis  
 ISSUED 8-26-67

COUNTY Comanche



CASINO  
 20 10  
 15 8 5/8" 1037' cem w/ 400 sx  
 12 6  
 13 5

ELEVATION 2044' KB

PRODUCTION DRY/MISS

FIGURES INDICATE BOTTOM OF FORMATIONS

LOG	
Sand & Red Bed	0 - 684
Sand, Red Bed & Gyp	684 - 1080
Red Bed & Gyp	1080 - 1257
Red Bed & Anhy	1257 - 1892
Lime & Shale	1892 - 5296
Lime	5296 - 5425

5425' - Total Rotary Depth

The undersigned, Graham-Michaelis Drilling, Inc., Liberal Division, certifies that the above log is a true and correct copy of the formations encountered in drilling the above mentioned well, as taken from the Daily Drilling Report.

GRAHAM-MICHAELIS DRILLING, INC.  
 LIBERAL DIVISION

TOPS: LOG	
Heebner	4306
Brown lime	4494
Lansing	4518
Marmaton	5016
Fort Scott	5106
Cherokee	5118
Mississippi	5204

By F. R. Stubblefield  
 F. R. Stubblefield