

WELL LOG

15-163-01470-00-00

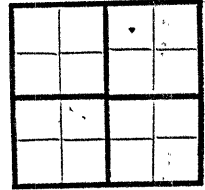
COMPANY R. A. Comeau - Murfin Drlg. Co.

SEC. 1 T. 9 R. 17
LOC. NW NE SW

FARM HRABE 'A' NO. #5

RIG. NO. 8
TOTAL DEPTH 3570'
COMM. 6/5/63 COMP. 6/12/63
SHOT OR TREATED No
CONTRACTOR Murfin Drilling Company
ISSUED

COUNTRY Rooks
KANSAS



ELEVATION 1985' KB

CASING
20 10
15 8 5/8" 1581 with 150 sacks cement
12 6
13 5 1/2" 3519' with 200 sacks cement

PRODUCTION

FIGURES INDICATE BOTTOM OF FORMATIONS

160' 12 1/4" Surface Hole
220' Shale
870' Shale and Sand
1263' Red Bed
1300' Anhydrite
1615' Shale and Shells
1765' Salt and Shale
2120' Shale and Lime
2575' Lime and Shale
2925' Shale and Lime
3110' Lime and Shale
3415' Lime
3463' Lime and Shale - Chert
3570' Arbuckle
3570' Rotary Total Depth

ELECTRIC LOG TOPS:

Topeka 2870'
Heebner 3094'
Toronto 3110'
Lansing/K. C. 3128'
Base/K. C. 3354'
Conglomerate 3432'
Arbuckle 3470'
Total Depth 3570'

DST #1 3214'-3235' Open 1 hr. Recovered
90' oil and gas cut mud, 90' gas. IF 29#
FF 52# ISIP 342#/20 min. FSIP 186#/20 min

2/24/89

RECEIVED
STATE CORPORATION COMMISSION

FEB 24 1989

CONSERVATION DIVISION
Wichita, Kansas

State of Kansas
County of Sedgwick ss:

I, Fred Murfin of the Murfin Drilling Company

upon oath state that the above and foregoing is a true and correct copy of the log of the HRABE 'A' #5 well.

Fred Murfin

Subscribed and sworn to before me this 14th day of June 1963

My Commission Expires June 14, 1964

May James Blum
NOTARY PUBLIC