

WELL LOG

COMPANY A. Scott Ritchie

SEC. 30 T. 12S R. 20W
LOC. NW SE NW

FARM LANDAUER

NO. 1

RIG. NO. 15

TOTAL DEPTH 3916'

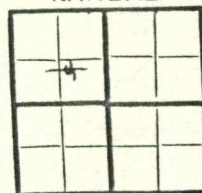
COUNTY Ellis
KANSAS

COMM. 7/5/76

COMP. 7/13/76

CONTRACTOR Murfin Drilling

K. G. S. LIBRARY



CASING

20 10 5/8" @ 162' w/160 sx
15 8
12 6
13 5

ELEVATION

PRODUCTION D&A

FIGURES INDICATE BOTTOM OF FORMATIONS

ELEVATION: 2206KB

SMP TOPS: DEPTH:

Anh 1568
B Anh 1607
Top 3231
Heeb 3464
Tor 3484
Lkc 3500
Bkc 3742
Mrm 3793
Cong 3838
Rtd 3916

35 - surf soil & rock
98 - shale blue & clay
162 - blue shale
310 - shale & sand
1050 - shale
1270 - sand
1425 - shale (red bed)
1567 - shale
1710 - red bed
1990 - sand, shale
2445 - shale
2655 - sand, shale
3065 - shale, lime
3245 - shale
3270 - lime, shale
3455 - lime
3535 - lime, shale, chert
3565 - lime, chert
3785 - lime
3905 - lime, chert
3916 - lime
3916 - TD

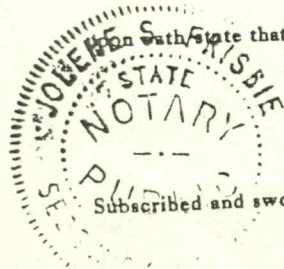
State of Kansas

County of Sedgwick

ss:

I, Wm. S. Shropshire of the Murfin Drilling Company

Landauer #1 well.



Subscribed and sworn to before me this 20th day of July 19 76

JOLENE S. FRISBIE, STATE NOTARY PUBLIC
My Comm. Exp. March 13, 1979

My Commission Expires:

NOTARY PUBLIC