COMPANY: A. Scott Ritchie
FARM: GLASGOW
NO. 1

SIT. NO.: 15
TOTAL DEPTH: 4015'
COMM.: 12-13-77
COMP.: 12-22-77

CONTRACTOR: Murfin Drilling Company

Casing:
- 10
- 5 7/8" @ 352' w/280 sx.
- 6
- 4 1/2" @ 3999' w/130 sx.

Figures indicate bottom of formations:
- 290': Clay & Sand
- 2254': Shale
- 2291': Anhydrite
- 2810': Shale
- 3515': Shale & Lime
- 4015': Lime

State of KANSAS
County of SEDGWICK

I, Wm. S. Shropshire, of the Murfin Drilling Company, upon oath state that the above and foregoing is a true and correct copy of the log of the Glasgow #1 well.

Subscribed and sworn to before me this 28th day of December 1977.

My Commission Expires: 8-31-80

Sandra Kay May
Secretary