

WELL LOG

15-065-22236-00-00

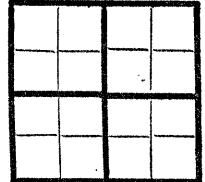
COMPANY Pioneer Petroleum, Inc.
116 A. W. 3rd St.
Ottawa, KS 66067
FARM R. Voss NO. 1

SEC. 8 T. 6S R. 21W
LOC. NW NW SE

RIG. NO. 7
TOTAL DEPTH 3750'
COMM. 09-17-85 COMP. 09-23-85

COUNTY Graham
KANSAS

CONTRACTOR Murfin Drilling Company
250 N. Water, Suite 300
Wichita, Kansas 67202



CASING
20 10
15 8 -5/8" set @ 210' w/150 sx 60/40 Poz, 3% CC. ELEVATION
12 6
13 5 PRODUCTION

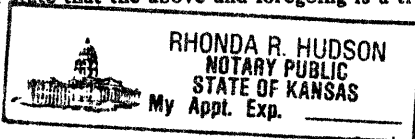
FIGURES INDICATE BOTTOM OF FORMATIONS

Sand & Clay & Shale 210'
Shale & Sand 1846'
Anhydrite 1879'
Sand & Shale 2300'
Shale & Shells 3235'
Lime & Shale 3745'
Arbuckle (RTD) 3750'

State of KANSAS
County of SEDGWICK ss:

I, Robert A. Ramseyer, Jr. of the Murfin Drilling Company

upon oath state that the above and foregoing is a true and correct copy of the log of the R. Voss #1 well.



Robert A. Ramseyer, Jr.
Robert A. Ramseyer, Jr., Agent for Operator

Subscribed and sworn to before me this 2nd day of October 19 85

My Commission Expires: 11-18-87

Rhonda R. Hudson
Rhonda R. Hudson NOTARY PUBLIC
STATE CORP. DIVISION
JAN 10 1986
01-10-86
CONSULTING DIVISION