

33-23-23W

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

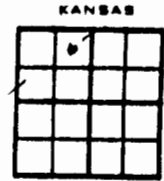
COMPANY RAINS & WILLIAMSON

SEC. 33 T. 23 R. 23W
 LOC. C NE NW

FARM Lappin NO. 1

TOTAL DEPTH 4692'
 COMM. 9-23-67 COMP. 10-4-67
 SHOT OR TREATED
 CONTRACTOR Rains & Williamson
 ISSUED 11-4-67

COUNTY Hodgeman



CASING
 20 10
 15 8 3/8" 321' cem w/ 200 SX
 12 6
 13 5

ELEVATION 2403' KB

PRODUCTION DRY/ MISS

FIGURES INDICATE BOTTOM OF FORMATIONS

Surface Soil	40'
Shale	322'
Shale and Sand	660'
Red Bed	996'
Blaine Anhy.	1021'
Sand	1210'
Shale	1550'
Anhydrite	1574'
Shale	1825'
Shale and Shells	2265'
Lime and Shale	2945'
Shale and Lime	3870'
Lime and Shale	4040'
Lime	4633'
Conglomerate	4659'
Lime (Miss.)	4691'
Rotary Total Depth (D & A)	4691'
Total Depth	4692

TOPSt. LOG

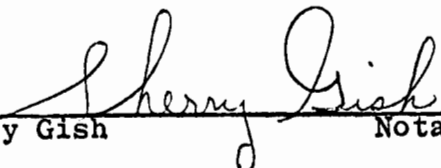
Anhydrite (smp)	1550
Base Anhydrite (smp)	1574
Heebner	3935
Lansing	4001
Base Kansas City	4375
Pawnee	4498
Fort Scott	4561
Cherokee	4585
Conglomerate	4633
Mississippi	4657

We certify the above log is true and correct to the best of our knowledge and belief.

RAINS & WILLIAMSON OIL CO., INC.


 Wilson Rains

Subscribed and sworn to before me, a Notary Public in and for the State of Kansas, County of Sedgwick, this 6th day of October, 1967.


 Sherry Gish Notary Public