

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

27-15-26W

COMPANY TIME PETROLEUM CO. & ASSOC.

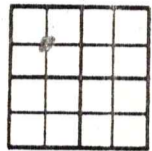
SEC. 27 T. 15 R. 26W
 LOC. APPROX. C NW/4

FARM Horchem NO. 3

TOTAL DEPTH 4435'
 COMM. 10-22-64 COMP. 11-2-64
 SHOT OR TREATED
 CONTRACTOR Empire Drlg. Co.
 ISSUED 7-23-66

COUNTY Gove

KANSAS



CASING

20	10	
15	8 5/8	98' w/65 sx cem.
12	6	
13	4 1/2	4434' w/100 sx cem.

ELEVATION 2501' K.B.

PRODUCTION Pmp. 156
 BOPD, 18% wtr.

FIGURES INDICATE BOTTOM OF FORMATIONS

0	to	102	Surface-Shale
102	to	1225	Shale
1225	to	1685	Sand-Shale-Gypsum
1685	to	1931	Shale & Gypsum
1931	to	1968	Anhydrite
1968	to	2126	Shale & Shells
2126	to	2308	Shale
2308	to	2350	Salt
2350	to	2540	Shale-Shells
2540	to	2800	Lime & Shale
2800	to	2900	Lime
2900	to	3150	Shale & Lime
3150	to	3225	Lime
3225	to	3725	Lime & Shale
3725	to	3845	Lime-Shale-Chert
3845	to	3904	Lime & Chert
3904	to	4105	Lime
4105	to	4180	Shale-Lime
4180	to	4216	Cherty Lime
4216	to	4320	Lime
4320	to	4375	Lime & Shale
4375	to	4400	Lime-Chert
4400	to	4435	Mississippi
4435			Rotary Total Depth

SET: 98' of 8 5/8" with 65 sacks cement.
 4434' of 4 1/2" with 100 sacks cement.

SAMPLE LOG TOPS:

Anhydrite	1931	+570
Waubesaee	3356	-855
Topoka	3546	-1045
Queen Hill	3623	-1122
Heebner	3759	-1258
Toronto	3778	-1277
Lansing Kansas		
City	3799	-1298
Muncie Creek		
Shale	3947	-1446
Base Kansas		
City	4092	-1591
Pawnee	4196	-1695
Fort Scott	4257	-1736
Cherokee Group	4292	-1791
Conglomerate	4372	-1871
Mississippi	4395	-1894
Rotary Total		
Depth	4435	

 CERTIFICATION

I, Dan J. Kornfeld, do hereby certify that the above and foregoing is a true and correct copy of the log on the Horchem 63 C NW/4 (Approximate) Section 27-15-26W, Gove County, Kansas, as reflected by the files of Empire Drilling Company.

Dan J. Kornfeld