

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

COPY

COMPANY CHIEF DRILLING

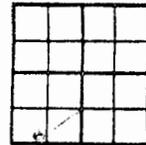
SEC. 33-3. 7 R. 17W
 LOSE SW SW

FARM Stambach NO. 1

TOTAL DEPTH 3440'
 COMM. 7-11-67 COMP. 7-21-67
 SHOT OR TREATED
 CONTRACTOR Chief Drilling
 ISSUED 9-9-67

COUNTY Rooks

KANSAS



CASING

20	10	
15	8	5/8" 205' cem w/ 150 sx
12	6	
13	5	

ELEVATION 1941' KB

PRODUCTION DRY/ARB

FIGURES INDICATE BOTTOM OF FORMATIONS

Clay	0	205
Shale & Shells	205	460
Sand & Shale	460	1010
Red Bed	1010	1250
Red Bed & Shale	1250	1305
Anhydrite	1305	1340
Shale & Shells	1340	1788
Shale & Lime	1788	2898
Lime	2898	3025
Lime & Shale	3025	3100
Lime	3100	3280
Lime & Shale	3280	3405
Dolomite	3405	3440
Total Depth	3440	

1936 Gr.
 1938 D.F.
 1941 K.B.

FORMATION TOPS

Anhydrite	1305	+ 636
Topeka	2858	- 917
Heebner	3071	-1130
Toronto	3095	-1154
Lansing	3114	-1173
Base Kansas City	3345	-1404
Arbuckle	3407	-1466
Total Depth	3440	-1499

STATE OF KANSAS, COUNTY OF BARTON) SS

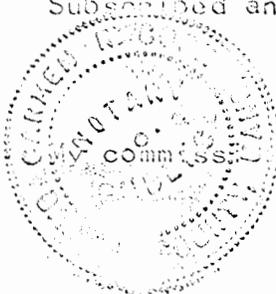
I hereby certify that the above is a true and correct copy of the Driller's Log of the well drilled in the SE SW SW Section 33-7S-17W, Rooks County, Kansas, to the best of my knowledge and belief.

CHIEF DRILLING CO., INC.

V. Richard Hoover
 V. Richard Hoover, President

Subscribed and sworn to before me this 24th day of July, 1967.

Carmen R. Cook
 Carmen R. Cook, Notary Public



expires: Dec. 12, 1970.