16-16-11W

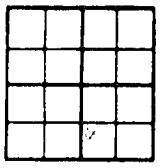
KANSAS GEOLOGICAL SOCIETY
KANSAS WELL LOG BUREAU — KANSAS WELL SAMPLE BUREAU
KANSAS GEOLOGICAL SOCIETY BUILDING
508 EAST MURDOCK - WICHITA, KANSAS

COMPANY H-30, Inc. et al

FARM Esfeld NO. 3

SEC. 16 T. 16S R. 11W
LOC. Approx. Cen. NW SW SE

COUNTY Barton
KANSAS



TOTAL DEPTH 3,327'

COMM. September 29, 1967 COMP. October 8, 1967
SHOT OR TREATED

CONTRACTOR H-30, Inc.
ISSUED 12-30-67

CASING

20 10
15 8-5/8" 206' cemented W/140 sx cement
12 6
13 5-1/2" 3323' cemented W/125 sx cement;
DV Tool @ 779' W/250 sx cement.
FIGURES INDICATE BOTTOM OF FORMATIONS

ELEVATION 1,888 KB

PRODUCTION 25 BOPD/ARB

Surface Soil & Post Rock	45
Clay & Shale	208
Clay & Red Bed	350
Sand	380
Shale & Shells	728
Anhydrite	757
Red Bed & Shale	1,164
Salt	1,420
Shale & Shells	1,620
Lime & Shale	1,790
Shale & Lime	1,821
Flint	1,940
Lime	2,050
Shale & Lime	2,365
Shale	2,381
Lime	2,395
Lime & Shale	2,448
Lime	3,327
Rotary Total Depth	3,327

SAMPLE TOPS

Anhydrite	726	
Topeka	2,624	- 736
Heebner	2,919	-1,031
Toronto	2,939	-1,051
Douglas	2,952	-1,064
Brown Lime	3,016	-1,128
Lansing K.C.	3,036	-1,148
Base K. C.	3,294	-1,406
Arbuckle	3,312	-1,424
Rotary T.D.	3,327	-1,439

I hereby certify the above and foregoing to be a true and correct log of the above described well as shown by the drilling reports.

H-30, INC.

Arlo B. Romer

STATE OF KANSAS }
} SS:
COUNTY OF SEDGWICK }

Subscribed and Sworn to before me a Notary Public in and