

23-31-33W

WELL LOG BUREAU-- KANSAS GEOLOGICAL SOCIETY
412 Union National Bk. Bldg., Wichita, Kansas

Company - WARREN PETROLEUM Co.
Farm - Arnold Unit No. 1

SEC. 23 T. 31 R. 33W
CSE NW
660' loc.

Total Depth. 2725'

Comm. 10-20-48 Comp. 11-14-48

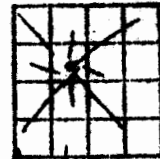
Shot or Treated.

Contractor. Burris Drlg. Co.

Issued. 8-6-49

County. Seward

KANSAS



Elevation. 2878 *and*

CASING:
13-3/8" 544' 7" 2611'

Production. 12,000,000 gas

Figures Indicate Bottom of Formations.

clay & boulders	85
sand & gravel	405
shale	480
red rock	745
red rock & gyp	1130
red rock	1350
anhy. & red rock	1525
red rock, salt & anhydrite	1810
lime sdy	1900
anhydrite	1940
lime & shale	2250
lime	2615
lime	2679
shale	2693
lime	2700
lime	2722
red rock	2725
Total Depth	

Tops:	
Hollenberg	2537-58
Sdy Herrington	2593-2603
Herrington	2610-46
Krider	2648-79
Winfield	2693-2722