

23 - 32 - 34W

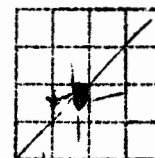
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
412 Union National Bk. Bldg., Wichita, Kansas

Company. CITIES SERVICE OIL COMPANY
Farm - Brughman "E" No. 1

SEC. 23 T. 32 R. 34W
NE NE SW
100' S & 100' W of Center

Total Depth. 2770'
Comm. 9-27-47 Comp. 1 -6-47
Shot or treated. Acidize with 25,000 gals.
Contractor. Kesting Drilling Company
Issued. 2-28-48

County. Sedward
KANSAS



CASING:
8 5/8" 800' cem. 400 sx.
5 1/2" 2769' cem. 900 sx.

Elevation. 2901 ft
Production. 20 Min. Open Flow:
13,600,000 Gas

Figures Indicate Bottom of Formations.

clay	90
sand	120
shale	205
sand	245
red bed	650
red sand	670
red bed	1040
anhydrite & sand	1100
red bed & shale	1350
shale	1610
shale & shells	1675
lime, shale & anhydrite	1720
lime & shale	1948
shale & shaly lime	2050
anhydrite & lime	2140
lime & shale	2263
shale, lime & anhydrite	2329
anhydrite & lime	2385
lime	2523
anhydrite & lime	2582
lime	2687
anhydrite & lime	2705
shale & shells	2720
anhydrite & lime	2728
lime	2770
Total Depth.	

Acidizing Record

Electric log at 2750'

TOPS:

Herrington 2580
Upper Krider 2606
Lower Krider 2634
Winfield 2688

10-27-47	3000 gals. 15% acid	2580-2674
"	2000 gals. 15% acid	2688-2718
10-28-47	9500 gals. 15% acid	2380-2674
"	7500 gals. 15% acid	2688-2718
10-31-47	9000 gals. 15% acid	to all zones.

Plugged back with 54 gals. plastic and
68# filler, to 2708 to shut off water.

Perforating Record

150 shots 2688-2718, show gas.
190 shots 2636-2674, no increase
20 shots 2607-2611, no increase
50 shots 2580-2590, no increase