

E. A. Koester
Derby Oil Co.
Conf.

SAMPLE RECORD

State Kansas Co. Russell Farm Gurney No. 1 Sec. 23 Twp. 14 Rge. 14w.

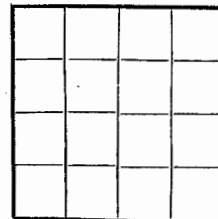
Location SE NW

Company Gartman & Blair

Date Drilled _____

Elevation _____

Total Depth _____



Sample determinations by E. A. Koester, April, 1935.

- 2845-2855 White, finely crystalline lime, 70%; gray micaceous shale, 30%.
2855-2865 Same, lime 50%; shale, 50%; silicified fusulinids.
2865-2875 Gray micaceous shale; a little white lime.
2875-2890 Buff, finely crystalline sucrose lime, 60%; fossils, 60%, gray micaceous shale, 40%.
2890-2905 Same.
2905-2925 Gray and black, micaceous shale; a little buff lime.
2925-2930 White, some buff, slightly cherty, crystalline lime, 60%. gray micaceous shale, 40%.
2930-2944 Same, lime, 40%; shale, 60%.
2944-2947 Gray, laminated, micaceous, carbonaceous, pyritiferous sandy shale and micaceous sand; trace of brown shale.
2947-2955 Same.
Top of Oswald 2962.
2955-2965 White and buff, finely crystalline sucrose lime, 30%; gray shale, as above, 70%.
2965-2975 White and buff, partly porous and saturated, finely crystalline lime, 75%; gray shale, 25%.
2975-2980 Same; lime, 20%; gray laminated micaceous shale, 80%.
2985-2990 White finely crystalline lime, 30%; gray shale, 70%.
2990-2995 Same.
2995-3000 White to buff, oolitic, sucrose, finely crystalline lime, 50%; oolites are mostly large and non-dissolved; gray micaceous laminated shale, 50%.
3000-3006 Translucent, saturated, porous and oolitic (large to med) crystalline lime, 80%; siliceous oolites; gray micaceous shale, 20%.