

E. A. Koester,
Derby Oil Co.
Conf.

SAMPLE RECORD

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

Location NW SE

Company Gypsy Oil Company Date Drilled _____

Elevation _____ Total Depth _____

Sample determinations by E. A. Koester, July 26, 1935.

- 3185-3190 Gray to black carbonaceous laminated shale, 90%; white and buff, dense to finely crystalline lime, 10%.
- 3190-3195 Light gray and black shale, 50%; white and buff, partly saturated, porous, oolitic, medium to coarsely crystalline lime, 50%.
- 3195-3205 Gray and black shale, 20%; lime, as above, 5%; Quartz, some fresh, some with frosted etched, rounded edges, 40%; fresh feldspar, 5%; fresh biotite, 5%.
- 3205-3209 Same; some coarse pieces of rounded frosted quartz.
- 3209-3219 Same; quartz is fresher looking.
- 3219-3230 Same; more biotite; shale cavings, 60%.