

E. A. Koester
Derby Oil Co.
Conf.

SAMPLE RECORD

State Kansas Co. Russell Farm Oswald No. 5 Sec. 8 Twp. 12 Rge. 15W.

Location NW NW SW

Company S. S. & Y. Lease Date Drilled _____

Elevation _____ Total Depth _____

- 3003-3018 Light gray xtalline limestone; a little gray shale.
3018-3028 Same, with very little shale.
3028-3033 Dark gray calcareous shale; gray and white xtalline limestone.
3033-3036 Gray, xtalline, crinoidal, limestone, with gray shale; brachiopod fragments.
3036-3040 Gray, micaceous shale; gray limestone.
3038-3040 White and translucent xtalline limestone, with a little fibrous calcite; trace gray shale.
3040-3045 Dark gray to black shale; pyrite; trace of light gray xtalline.
3043-3048 Light gray, crystalline limestone; pyrite; gray shale.
3048-3058 Same as above; limestone cuttings a little finer.
3058-3062 Gray calcareous shale, 50%; light gray xtalline limestone; abundant bachiopod fragments as impressions in shale.
3062-3068 Same as above; not fossiliferous.
3068-3078 Gray shale, with less white crystalline limestone, and rounded pellets of calcite, which may be nuclei of oolites.
3078-3083 $\frac{1}{2}$ Coarse, marly, gray limestone; gray and dark gray shale; fine, white, crystalline limestone, as above.
3083 $\frac{1}{2}$ -3085 $\frac{1}{2}$ Dark gray, calcareous shale; gray dense limestone, and translucent limestone.
3085 $\frac{1}{2}$ -3088 Dark gray, calcareous, fossiliferous (brachiopods) shale; gray to white dense limestone.