

E. A. Koester
Derby Oil Co.
Conf.

SAMPLE RECORD

State Kansas Co. Russell Farm Stoppel No. 1 Sec. 25 Twp. 14 Rge. 11W

Location Center E $\frac{1}{2}$

Company Douglas Oil Company Date Drilled _____

Elevation _____ Total Depth _____

- 3010-3015 Gray shale and white xtalline limestone; forams; pyrite.
3015-3020 Same; limestone porous and stylotic; a little oolitic chert.
3020-3025 Same; limestone, white and light gray, very porous, probably partially oolitic.
3025-3030 Gray and white, cherty limestone; gray shale.
3030-3040 Same.
3040-3048 Soft, white, dense limestone; gray shale.
3048-3055 White, dense, and some white xtalline, limestone, fossiliferous; gray shale.
3055-3065 Same as above; pyrite.
3065-3080 Gray and dark gray shale; white limestone.
3080-3087 Same, with bryozoan impressions.
3087-3095 White cryptocrystalline limestone; gray shale.
3095-3102 White, cryptocrystalline limestone; white and brown translucent chalcedony; gray shale.
3102-3110 Dark gray shale.
3110-3115 Light cryptocrystalline limestone and gray shale.
3115-3120 Missing.
3120-3130 Red and purple clay shale; trace limestone.
3130-3140 Missing.
3140-3145 Dark gray shale; trace limestone.
3145-3155 Same; some red shale.
3155-3165 Missing.
3165-3173 Gray shale; white cryptoxtalline limestone.
3173-3177 White xtalline limestone; gray shale.
3177-3182 Gray and reddish shale; some white xtalline limestone and chalcedony.
3182-3187 Gray shale; white crystalline, sandy limestone.
3187-3192 Top of zone. Weathered, white, and brown chert, chalcedony; red shale, 70%; some white crystalline limestone; some gray shale.
3192-3200 Missing.
3200-3205 Fresh, white, angular, opaque, chert; gray and red shale.
3205-3225 Same, finer.
3225-3230 Same, with more gray limestone.
3230-3232 Weathered chert, flint, Jasper, and chalcedony, and limestone; gray shale.
3232-3237 Same.
3237-3775 Same, with red chert, and increasing amount of coarsely crystalline limestone.
3290-3295 Fine, crystalline limestone and chert; grayish green pyritiferous shale.
3295-3300 Green-gray shale; frosted and clear, rounded to well-rounded, fine to medium, quartz sand, 5%; some limestone dolomite, and chert, probably a cave from above.
3300-3345 Same; with some clusters of dolomitic sand; a little white, crystalline limestone; considerable and at base, 3345-3355.
3355-3362 Missing.
3362-3380 Fine, white and yellow chert and dolomite.

Company Douglas Oil Co.

Sec. 25 T. 14 SR. 11W
Loc. CE/2

Farm Stoppel

No. 1

Total Depth 3503

Comm. 4/18/28

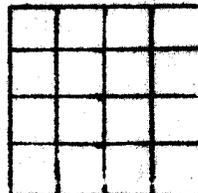
Shot or Treated

Contractor

Issued

Comp. 7/28/28

County Russell



By R. Roth
Casing

20 in.	10 in.
15 1/2	8 1/4
12 1/2	6 5/8
13 3/8	5 3/16

Elevation

Production Dry

Figures Indicate Bottom of Formation

- Pennsylvanian
Marmaton ²⁸³³⁻²⁰⁷⁰
- 2833-2838 Gray, green, and maroon shale, with white crystalline lime and some chert. Fusulinella haworthi & sp.
- 2845-2855 Gray, green, and maroon shale.
- 2855-2865 Dissolved granular oolitic dolomitic lime.
- 2865-2875 White buff lime and maroon shale. Fusulinella haworthi
- 2875-2900 Oolitic lime and some gray shale. Fusulinella sp.
- 2900-2910 Very fossiliferous oolitic.
- 2910-2935 Fine buff sucrose dolomite and considerable white chert.
- 2935-2940 Gray green shale
- 2940-2960 Gray granular lime. Fusulinella haworthi
- 2960-2970 Dark gray shale
- 3010-3015 Gray shale
- 3015-3050 Porous sucrose lime, oolitic in places.
- ~~3050-3055~~ Black shale
- 3055-3065 Lime
- 3065-3070 Gray green shale.
- Cherokee ³²⁷⁵⁻³²⁴⁵
- 3225-3230 Green shale, chert, and dense buff lime. The shale is weathered Ordovician green shale.
- 3230-3245 Green and maroon shale, with some chert.
- Ordovician
Decora lime ³²⁴⁵⁻³²⁹⁵
- 3245-3275 Pink coarsely crystalline lime, shows weathering at top.
- 3290-3295 Crystalline lime with a trace of sand.

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Decora Green Shale

3295 - 3355

3295-3320

Green shale

3320-3325

Granular dolomite

3325-3355

Green shale, with some frosted to angular sand.