

Company

Oswald

(01/2007)
delSec. 8 T. 12 R. 15W
Loc.

Farm

Russell

No. 1

Total Depth 3036'

Comm.

Comp.

County Russell

Shot or Treated

Contractor

Issued

Casing

20 in.

15 1/2

12 1/2

13 3/8

10 in.

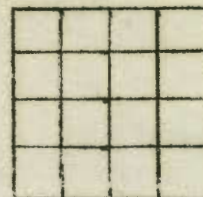
8 1/4

6 5/8

5 3/16

Elevation

Production



Figures Indicate Bottom of Formation

<u>TOP</u>	<u>BOTTOM</u>	<u>FORMATION</u>
		⁵³⁰⁻⁶⁸⁰ <u>Dakota Group, possibly Cheyenne Sandstone</u>
530	545	Frosted sandstone and Pyrite
545	547	Red shale
547	560	Sand and red shale
560	572	Sand
572	580	Grey shale
580	592	Sand
592	598	Fine sand, shale and dolomite
600	610	Gray shale
610	620	Sand
620	650	Fine sandstone grey shale and dolomite
650	680	Frosted angular sandstone, orange
900	950	<u>Cave Ck.-Blain 900-950</u> Dolomite, gypsum and anhydrite.
1055	1100	<u>Wellington 1055-1100</u> Mostly red shale, some gypsum.
1100	1180	Gypsum with some dolomite
1180	1185	Grey and red shale
1515	1545	Gypsum, chalky, some salt.
1545	1595	Gypsum
1595	1635	Gypsum with some intercalated grey shale.
1635	1655	Red gritty shale
1655	1680	Gray shale
1680	1700	Very fossiliferous limestone with some chert.
1906	1915	<u>Chase 1906-1910</u> Grey and brown shale.
1915	1925	Coarse oolitic limestone.
1925	1950	Brown shale with some grey shale
1950	1970	Grey marl.

1970	1985	Limestone and brown shale.	
1985	2010	Fossiliferous crystallized limestone and green shale. <u>Gastropods.</u>	
2010	2070	Grey and brown shale. Lime shells.	
2070	2100	Brown dense lime and pink agate.	
		<u>Garrison</u> 2100-2240	
2100	2162	Red shale and some grey shale.	
2162	2210	Fossiliferous limestone.	
2210	2240	Dark grey shale and cherty limestone.	
		<u>Eskridge.</u> 2240-2270	
2240	2251	Dark gray shale.	
2251	2270	Dark grey shale and limestone.	
		<u>Elmdale-Neva</u> 2270-2300	
2270	2285	Cherty limestone	<u>T. obesus</u>
2285	2300	Limestone	
		<u>Shawnee</u> 2400-2525	
2400		One sample calcareous marl, grey	
2480	2495	Fossiliferous grey shale and limestone.	
2495	2500	Coal	
2500	2520	Oolitic limestone	
2520	2525	Brits and black shale.	
		<u>K. C. Lansing</u> 2753-2880	
2753	2795	Limestone.	<u>T. cullumensis</u>
2795	2805	Brown lime	
2805	2808	Chert (oil)	
2808	2855	Limestone	<u>T. cullumensis</u>
2870	2880	Cherty lime	<u>Fusulindae. T. cullumensis.</u>
		<u>Marmaton</u> 2930-3036	
2930	2940	Black shale and lime stone	<u>Fusulindae</u> fragment.
2940	2950	Limestone	<u>Fusunella haworthi</u>
2950	2970	Chert and dolomite (Oil)	<u>T. irregularis. Fusulinda</u>
2970	2972	Brown shale	
2972	2989	Dolomitic limestone	<u>Fusulindae. T. sp.</u>
2989	2998	Brown shale, lime and some grits	
2998	3005	Coal	
3005	3036	Fusulindae grey limes one, oolitic.	