

Jones & O'Haver,  
Pratt County, Kansas.  
By A. S. Pricep .

Sec.7; T.26S; R.14W.  
Gereke #1.  
Center NE SW.

Depths

Formation

3425	to	3430....	Limestone, Shale 30%.
3430	to	3442....	Limestone; Shale 20%.
3442	to	3452....	Limestone; Shale 10%.
3452	to	3468....	Limestone; Shale 5%.
3468	to	3480....	Limestone; Shale 5%; Slightly cherty.
3480	to	3505....	No log.
3505	to	3515....	Limestone; Shale, trace.
3515	to	3524....	Shale, black 60%; Limestone.
3524	to	3530....	Shale, black 60%; Limestone, slight trace Chert.
3530	to	3540....	No log.
3540	to	3550....	Limestone; Trace Shale.
3550	to	3555....	" " "
3555	to	3565....	No log.
3565	to	3570....	Limestone; Trace Shale.
3570	to	3585....	No log.
3585	to	3590....	Limestone, crystalline; Calcite and Limestone.
3590	to	3600....	Limestone, brown, finely crystalline, Dolomite; Shale 20%.
3600	to	3618....	Limestone; Shale 25%.
3618	to	3635....	Limestone; Shale 15%; Trace Chert.
3635	to	3640....	Limestone; Shale 5-10%.
3640	to	3645....	Shale, gray, drab.
3645	to	3652....	" " "
3652	to	3662....	Limestone; Shale 15%.
3662	to	3678....	Limestone; Shale 30%.
3678	to	3688....	Shale, red.
3688	to	3695....	Shale, red and gray.
3695	to	3720....	Shale, gray and red.
3720	to	3730....	Shale, gray; Trace, red.
3730	to	3768....	Shale, gray.
3768	to	3810....	Shale, gray; Trace sandy Shale.
3810	to	3820....	Shale, red and Limestone, brown.
3820	to	3833....	Limestone; Shale, 40%.
3833	to	3845....	Limestone; Shale 10%.
3845	to	3859....	Limestone; Shale 65%
3859	to	3865....	Limestone; Shale 60%; Trace Chert.
3865	to	3871....	Shale; Limestone 10%.
3871	to	3875....	Shale; Limestone 30%.
3875	to	3880....	Shale; Limestone 30%.
3880	to	3890....	Shale; Limestone 50%.
3890	to	3903....	Limestone; Shale 30%.
3903	to	3908....	Limestone; Shale 10%.
3908	to	3912....	Limestone; Shale 50%;
3912	to	3918....	Chert; gray-brown.
3918	to	3935....	Limestone; cherty.
3935	to	3940....	Chert and Limestone.
3940	to	3945....	Limestone and Chert.
3945	to	3950....	Limestone, slightly cherty.
3950	to	3956....	Limestone, Cherty and Shale.

3956	to	3965....	Limestone, oolitic and Shale.
3965	to	3973....	No log.
3973	to	3982....	Limestone; Shale 50%.
3982	to	3987....	Missing.
3987	to	3994....	Limestone; Shale 50%.
3994	to	4000....	Limestone, oolitic 30%.
4000	to	4006....	Missing.
4008	to	4019....	Limestone, oolitic 40%.
4019	to	4026....	Shale; Chert and Limestone 15%.
4026	to	4028....	Shale; Limestone, cherty 50%.
4028	to	4050....	Missing.
4050	to	4060....	Shale; Limestone, cherty 30%.
4060	to	4065....	Shale, Limestone 10%.
4065	to	4074....	Limestone, partly oolitic; Shale 40%.
4074	to	4082....	Limestone, partly oolitic; Shale 50%.
4082	to	4089....	Shale; Limestone 30%.
4089	to	4095....	Shale; Limestone 15%.
4095	to	4102....	Shale.
4102	to	4110....	Shale; Limestone 10%.
4110	to	4115....	Limestone; Shale 40%.
4115	to	4125....	Shale; <u>TOP MARSHTON 4115'.</u>
4125	to	4133....	Sand, fine, various-colored; Shale 50%.
4133	to	4138....	Shale; Limestone and Sand 15%.
4138	to	4140....	Shale; Limestone 10%.
4140	to	4145....	Limestone, brown and Shale.
4145	to	4160....	Missing.
4160	to	4165....	Shale; Trace, red.
4165	to	4173....	" " "
4173	to	4180....	Shale; and Limestone; Trace red.
4180	to	4185....	Shale; Chert and Limestone 15-20%.
4185	to	4190....	Shale.
4190	to	4200....	Shale and Limestone; Trace red.
4200	to	4202....	Shale.
4202	to	4205....	Shale and Limestone.
4205	to	4212....	Limestone; Shale gray, reddish 40%.
4212	to	4217....	Limestone; Shale, gray 15%.
4217	to	4222....	Limestone; Shale, gray 30%.
4222	to	4225....	Limestone; Shale, gray 30%.
4225	to	4232....	Limestone; Shale, gray 20%.
4232	to	4240....	Shale; Limestone 20%; Trace Chert.
4240	to	4244....	Shale, dark; Trace Chert.
4244	to	4248....	Shale, dark; Chert 20%; <u>TOP CONGLOMERATE 4244'.</u>
4248	to	4254....	Shale, dark and Chert.
4254	to	4257....	Chert, Shale, dark 20%.
4257	to	4262....	" " " "
4262	to	4275....	Shale, gray; Trace green; Chert 15%.
4275	to	4280....	Shale, dark -gray and red; Chert 20%.
4280	to	4285....	" " " " " " 10%.
4285	to	4290....	Shale, dark, green; reddish; Chert 10%.
4290	to	4298....	Shale, dark, green; reddish; Chert 5%.
4298	to	4304....	" " " " " "
4304	to	4315....	Missing.

