

THE UNIVERSITY OF TEXAS
BUREAU OF ECONOMIC GEOLOGY
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The mimeograph circulars issued from the Bureau of Economic Geology contain the record of cores and cuttings from wells received and described in the Bureau. In some instances drillers' logs and other data are given, although it is usually impracticable to include logs of all wells, the logs given being selected as representative of the county or area to which the circular relates. The elevations given are for the most part those reported with the drillers' log. In some instances the elevation given, as indicated, is that obtained from the location of the well on the topographic map. In all cases the elevation is to be regarded as approximate only.

E.H.Sellards

SOME WELL RECORDS IN FALLS COUNTY

De Graffenried No. 1, Johnson-Myrin

Located about $2\frac{1}{2}$ miles northeast of Chilton and about 3 miles east of Johnson-Myrin Rafael de Augine survey. 1924.

Driller's Log			
Depth in feet		Depth in feet	
	To		To
No record	248	Lime	1528
Blue shale	310	Blue shale	1545
No record	415	Lime	1584
Blue shale	430	Shale	1635
Gray marl	460	Hard lime	1640
Gray marl	637	Lime	1683
Chalk	735	Granulated lime (water)	1694
Shale	780	Gray lime	1740
Chalk	800	Blue shale	1743
Blue shale	860	Gray lime	1795
Blue sandy shale	900	Granulated lime (water)	1800
Blue shale	920	Gray lime	1845
Black shale	975	Granulated lime (water)	1848
Blue shale with hard lime shells	990	Gray lime	2087
Black shale	1010	Blue shale	2097
Lime	1043	Gray lime	2128
Sandy shale	1115	Light shale	2130
Lime (oil showing at 1250)	1260	Gray lime	2167
Soft lime (sulfur)	1265	Broken lime and shale	2183
Soft lime	1274	Granulated lime (water)	2194
Hard lime	1279	Hard lime	2208
Lime (oil showing)	1340	Blue shale	2224
Blue shale	1352	Gray lime	2235
Lime (oil showing)	1370	Granulated lime (water)	2247
Soft lime	1395	Gray lime	2285
Lime	1430	Blue shale	2287
Blue shale	1445	Gray lime	2345
Shale	1500	Granulated lime (water)	2360
		Gray lime	2395
		Blue shale	2400

	Depth in feet to		Depth in feet to
Sandy shale	2405	Blue shale with shell streaks	2545
Gray lime	2415	Sandy lime	2555
Blue shale	2423	Lime and shale	2575
Gray lime	2445	Sandy lime	2580
Granulated lime (water)	2470	Fine sand with water	2630
Sandy lime	2492	Gray lime	2640
Gray lime	2500	Sand and water (water at 2675-2708)	2708

Description of samples by J.A.Udden, D.D.Christner, and R.T.Short; submitted by U.E.Whitcomb and A.W.Myrin, 1924.

	Depth in feet
Mainly of whitish-gray and gray limestone. A considerable amount of black and dark impure shaly limestone is present - - - - -	1620
Like sample from 1620 feet. A larger amount of black impure shaly limestone and some black calcareous shale is present - - - - -	1645
Like sample from 1645 feet - - - - -	1655
Fine cuttings of gray limestone - - - - -	2250
Like sample from 2240-2250 feet. Numerous small spherical bodies noted in washed material- - - - -	2258
Like sample from 2240-2250 feet. Several ostracods and oolitic spherules noted in washed material - - - - -	2272
Fine cuttings of dark gray limestone. Oolitic spherules present- - - - - (as original)	2272
Limestone like sample from 2266-2272 feet - - - - -	2280
Like sample from 2266-2272 feet - - - - -	2290
Light gray limestone - - - - -	2345
Light gray limestone and a little dark gray shale - - - - -	2247
White sand largely made up of quartz grains measuring less than one-eighth millimeter - - - - -	2475
Fine sand and some finely ground light and dark gray limestone - -	2482
Fine cuttings of light and dark gray limestone with much fine quartz sand - - - - -	2492
Fine cuttings of light and dark gray limestone with a little fine quartz sand - - - - -	2500
Pieces of gray clay and gray calcareous clay with some very soft calcareous material. A piece of fine calcareous sandstone noted- - - -	2525
Pieces of gray, somewhat indurated sandy marl and some calcareous sandstone - - - - -	2600

Fine white calcareous sandstone, white limestone, and some dark gray almost black noncalcareous shale - - - - -	2580
Cuttings of light gray, very fine, calcareous sandstone, some gray limestone, and some dark gray noncalcareous shale - - - - -	2585
Cuttings of dark gray almost black noncalcareous shale with some light gray sandstone and a little gray limestone - - - - -	2590
Fine cuttings of dark gray shale, light gray sandstone, and limestone like that in the sample from 2585-2590 feet - - - - -	2595
Like sample from 2590-2595 feet - - - - -	2606
Cuttings of light gray, fine sand, some light gray limestone and dolomite, and a little dark gray shale - - - - -	2615
Light gray, almost white fine sand and a little dark gray noncalcareous shale. The sand is largely made up of angular quartz grains. Some limestone and pyrite noted - - - - -	2655
Like sample from 2615-2655 feet - - - - -	2630
Cuttings of light gray sand and sandstone and dark gray noncalcareous shale - - - - -	2640
Fine cuttings of gray sand, dark gray shale, and light gray limestone--	2650
Fine quartz sand and a little dark gray shale - - - - -	2660
Fine white sand. The sand is largely made up of angular quartz grains many of which show secondary crystal faces. Some mica present - -	2675
Like sample from 2660-2675 feet except that the sand is finer - - - -	2708