

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' logs. 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 ATASCOSA COUNTY

Peeler No. 1, Atascosa Oil and Gas Co.

Located 2-1/2 mi. north of Campbellton on survey 21-1/2, Atascosa County.

Description of samples by R. T. Short, E. H. Sellards, and T. L. Bailey; submitted by A. C. Smith, 1924.

	<u>Depth in feet</u>
Medium-grained, gray, micaceous sand - - - - -	904
Chunks of dark gray nearly noncalcareous silty clay containing numerous concretions of pyrite and strontianite and number of shell fragments and a few complete shells- - - - -	1034
Fairly large lumps of medium gray, noncalcareous, silty clay containing numerous shell fragments - - - - -	1036
Dark gray, noncalcareous, sandy and silty glauconitic clay - -	1072
Cuttings of chiefly glauconite and shell fragments including one piece of indurated greensand- - - - -	1313
Dark gray slightly calcareous clay and very glauconitic clay -	1420

Located 1-1/2 miles northeast of Pleasanton. Elevation between 350 - 3804 feet.

Drillers Log

Sand	6	Rock	1267
Clay	18	Water sand and bldrs	1340
Sand and bldrs	170	Hard sand	1352
Gumbo	260	Water sand and bldrs	1462
Sand and bldrs	310	Sand rock, pyrites	1470
Sand rock	350	Rock	1472
Sand and bldrs	370	Sand rock and bldrs	1553
Gumbo and bldrs	420	Sand and bldrs	1555
Gumbo, bldrs and pyrite	514	Shale	1560
Gumbo and gldrs	530	Hard sand	1562
Hard rock	534	Sand and shale	1593
Sand and bldrs	550	Rock	1597
Gumbo	562	Hard sand	1602
Sand and bldrs	638	Hard sand and shale	1618
Hard rock	640	Rock	1635
Sand and bldrs	680	Hard sand and shale	1654
Gumbo and bldrs	700	Rock sand	1659
Sand and bldrs	730	Lime rock	1662
Rock	748	Hard sand and shale	1705
Gumbo	752	Rock	1706
Gumbo and boulders	761	Hard sand, shale and bldrs	1717
Rock	792	Rock	1719
Sand and rock	806	Hard sand, shale and bldrs	1759
Shale	809	Rock	1769
Gumbo	815	Hard sand, shale and bldrs	1799
Sand and pyrite	820	Shale and lime	1830
Sand, shale and bldrs	860	Rock	1835
Shale and bldrs	888	Shale	1838
Rock, Gas showing	891	Rock	1840
Gumbo and bldrs	932	Shale	1848
Rock	934	Rock	1849
Shale and bldrs	940	Sand, shale, lime water	1881
Gumbo	954	Rock	1863
Shale	960	Shale, lime	1875
Sand and bldrs	970	Rock	1876
Rock	971	Shale, lime, bldrs	1910
Shale and bldrs	980	Rock	1917
Sand and bldrs, water showing	1075	Shale	1929
Rock	1077	Rock	1933
Shale and sand, Gas showing	1120	Shale	1935
Hard rock	1121	Rock	1936
Sand, shale and bldrs	1161	Hard shale	1946
Hard rock	1163	Gumbo, hard shale	1952
Hard sand and shale	1175	Hard rock	1954
Gumbo and bldrs	1180	Gumbo hard shale	1979
Sand and gumbo	1198	Rock	1980
Lignite shale. Oil showing	1200	Hard shale and bldrs	2023
Hard sand and shale	1220	Hard rock	2027
Rock	1222	Hard shale and bldrs	2040
Sand shale and bldrs	1227	Gumbo, sheet rock, bldrs	2044
Sand. Water showing	1248	Hard shale	2058
Sand and boulders	1265	Gumbo, bldrs and sheet rock	2065

Hard shale	2072	Hard rock	2883
Gumbo	2081	Rock	2900
Shale	2090	Hard rock	2903
Rock	2091	Rock	2930
Shale	2098	Hard rock	2932
Black shale	2110	Rock	2960
Gumbo	2117	Hard rock	2962
Lime rock	2121	Rock	2966
Black shale. Oil showing	2146	Hard rock	2967
Rock	2148	Rock	3004
Black shale	2160	Hard rock	3005
Gumbo	2162	Rock	3040
Black shale	2179	Hard rock	3042
Lime rock	2181	Honey comb rock	3065
Black shale	2187	Flue lime sand silica	
Sand. Gas showing	2192	Gas showing	---
Black shale	2200	Rock	3105
Hard rock	2203	Hard rock	3107
Blue shale	2222	Blue rock	3147
Lime rock	2224	Silica and some layers of	
Blue gumbo	2230	crystalized lime	
Blue shale	2258	Black and blue shale	3200
Blue gumbo	2263	Sand	3220
Lime rock	2265	Gas & Oil showing, gas	
Blue gumbo	2270	predominating	
Blue shale	2286	Rock sand, blue lime	3315
Lime rock	2287	Shale	3325
Hard blue shale	2303	Hard rock	3337
Shale and shell		Light shale	3362
Small showing gas & oil	2316	Hard rock	3366
Rock	2320	Shale	3400
Blue shale	2347	Rock	3403
Rock	2351	Shale	3414
Blue shale	2377	Rock	3419
Rock	2369	Shale	3446
Sand and shale	2385	Rock	3450
Shale	2410	Shale	3459
Rock	2411	Gumbo	3470
Gumbo	2425	Shale and gumbo, thin layers	
Shale and sand	2446	of rock	3740
Rock	2452	Hard shale	3781
Shale	2492	Shale and sand	3805
Rock	2496	Rock	3815
Blue shale	2536	Shale	3890
Water sand	2590	Rock	3915
Hard and blue shale	2632	Shale. Gas showing	3925
Rock	2634	Hard shale	3943
Gumbo	2644	Rock	3945
Hard shale	2654	Shale	3964
Blue lime, close. Some sand.		Light gumbo	3974
Gas showing	2780	Hard shale	4017
Hard rock	2783		
Rock	2800		
Hard rock	2816		
Rock	2865		
Hard rock	2867		
Rock	2880		

Description of samples submitted by J. A. Kerr.

	<u>Depth in Feet</u>
Gray sand, containing mostly clear angular grains of quartz from one-half, to one-fourth mm. in diameter - - - - -	3105
Gray slightly micaceous silty clay and calcareous sandstone - - - - -	3100
Silty shale or clay with some calcareous sandstone - - - - -	3147
Dark gray, laminated, non-calcareous shale or clay, containing minute mica scales - - - - -	3170
A concretion of gray micaceous sand cemented with calcareous material - -	3170
Dark gray micaceous silty and sandy shale with some sand - - - - -	3205
Dark gray non-calcareous clay, containing a small amount of polished sand and some pyrite - - - - -	3200
Gray sandy limestone or calcareous sandstone - - - - -	3315
Grayish, yellow and dark gray impure limestone containing some rounded sand grains and almost black grains of glauconite - - - - -	3280
Whitish gray limestone with irregular clear areas of a greenish yellow color in a fine grained ground mass, effervescing slowly in cold dilute hydrochloric acid - - - - -	3290
Gray sandy slightly micaceous clay - - - - -	3310
Carbonaceous gray sandy and silty clay - - - - -	3330
Dark gray carbonaceous silty or sandy clay - - - - -	3330
Greenish gray glauconitic sandy clay - - - - -	3350
Greenish gray clay - - - - -	Depth unknown
Dark gray fine grained shale containing oaly shreds, some gray calcareous sand sandstone, and some pyrite - - - - -	3380
Very dark gray fine grained slightly silty and slightly micaceous shale of even texture - - - - -	3370
Dark gray silty shale and gray argillaceous sandstone, both minutely micaceous and containing small green grains, possibly glauconite - -	3380
Gray sandy shale and argillaceous sandstone containing some glauconite grains -	3415
Gray arenaceous and micaceous shale, argillaceous sandstone having in part a pyritiferous cement, and some glauconite and limestone - - - - -	3435
Gray sandy micaceous shale, argillaceous sandstone, some gray fine grained limestone, pyrite, and glauconite - - - - -	3448

	<u>Depth in Feet</u>
Gray very fine clay, some pyrite, and minute sand grains - - - - -	3448
Gray fine silty clay - - - - -	3460
Dark gray minutely silty clay - - - - -	3460
Gray fine grained shale containing pyrite, biotite, mica, glauconite, and some argillaceous sandstone which contains calcareous matter - -	3470
Dark gray very fine clay - - - - -	3470
Gray fine grained shale and light gray sandstone containing minute specks of glauconite and calcareous material, both minutely micaceous and containing pyrite and black specks - - - - -	3500
Dark bluish gray clay shale, <i>Cristellaria cf. limbata</i> and other foraminifera noted - - - - -	3550
Dark bluish gray shale containing some sand grains - - - - -	3570
Dark gray clay shale, slightly calcareous - - - - -	3600
Thinly laminated fine grained gray shale containing abundant foraminiferal remains - - - - -	3770
Finely laminated and fine grained black shale containing abundant fora- miniferal remains - - - - -	3780
Fine grained black shale containing slightly rounded quartz grains and foraminifera - - - - -	3790
Dark gray slightly calcareous clay - - - - -	3810
Gray marl. Typical Cretaceous foraminifera present - - - - -	3840
Gray slightly silty shale, gray calcareous sandstone containing pyrite and glauconite, and some clay-iron-stone and polished sand - - - -	3935
Gray slightly calcareous and slightly silty minutely micaceous shale, gray calcareous sandstone containing pyrite, glauconite, and mica, some polished sand, and a few grains of clay-iron-stone - - - - -	3945
Calcareous gray shale containing minute mica scales, gray calcareous minutely micaceous sandstone containing pyrite, glauconite, and minute mica scales and some polished sand and clay-iron-stone - -	3965
Very fine gray marl, minute pyrite concretions, and some rice sand - - -	3975
Gray very fine marl containing some minute pyrite concretions and fine sand and a few fragments of glauconite. A few specimens each of a number of foraminifera were noted - - - - -	4006

Note: This well said by the owners, to have reached a depth of 4015 feet and to have been there discontinued owing to an accident pipel.