

THE UNIVERSITY OF TEXAS
BUREAU OF ECONOMIC GEOLOGY
Austin, Texas

Mimeograph Circular No. 37

November 1929

[Stencils re-cut November, 1955]

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 CALDWELL COUNTY

J. J. Brown No. 1, Reiter-Foster Oil Corp.

Located 3 miles south of Dale, 200 feet northeast of north corner of N. B. Bozart 152-acre tract; 160 feet from south line of Brown tract.

	<u>Drillers Log</u>		
	<u>Feet</u>		<u>Feet</u>
Surface	20	Gumbo	1210
Water sand	40	Gumbo	1330
Hard rock	46	Gumbo	1400
Sandy clay	120	Sticky shale	1445
Hard sand rock	132	Blue and gray shale	1660
Sandy shale	160	Gumbo	1810
Hard sand rock	166	Gumbo	1952
Shale	230	Green serpentine gumbo	1972
Hard sand rock	236	Rock with pyrites of iron	1975
Shale and sand	300	Serpentine	1983
Hard rock	306	Serpentine, show of gas	1993
Shale, sand, shells	412	Green serpentine gumbo	2017
Hard sand rock	416	Serpentine, show of oil	2022
Shale, sand shells	506	Serpentine with streaks of gumbo,	
Sand rock, hard	512	rainbow show of oil	2027
Shale	610	Serpentine	2029
Sand rock, hard	614	Very tough serpentine gumbo	2035
Shale	640	Serpentine	2037
Hard rock, sandy	644	Serpentine grading into gumbo	2043
Sticky shale and shell	740	Serpentine-top Austin chalk	2048
Gumbo	938	Lime and shale breaks	2055
Blue shale	1012	Chalk	2062
Gumbo	1102	Chalk	2080
Shale	1142	Medium soft chalk	2100

Hard chalk and pyrites	2160	Soft gummy shale	2415
Medium hard chalk, gummy streaks	2300	Hard lime	2446
Soft chalk or shale	2315	Hard Georgetown lime	2471
Hard chalk or lime	2350	Georgetown lime	2483
Shale, fishing job	2358	Medium hard lime	2495
Hard lime or chalk	2366	Soft brown porous Edwards lime	2498
Soft gummy shale	2374	Soft brown porous Edwards lime	2511
Lime	2381	Soft Edwards lime	2521
		Soft Edwards lime	2534
		Medium hard Edwards lime	2556
		Medium hard Edwards lime	2576
		Hard dense Edwards lime	2595

Description of samples by O. M. Richey and E. M. Hawtof; submitted by Mr. Clark, R. T. Short, and H. H. Cooper, 1926.

	<u>Depth in Feet</u>
Cuttings of dark gray non-calcareous shale and light brown non-calcareous shale - - - - -	620
A piece of dark gray non-calcareous shale with some light brown shale - - - - -	630
A piece of medium dark gray non-calcareous shale which contains some light brown non-calcareous shale - - - - -	640
A piece of medium dark gray non-calcareous shale containing some light brown shale - - - - -	670
A piece of medium dark gray non-calcareous shale with a very little brown shale - - - - -	680
A piece of medium dark gray non-calcareous shale which contains some light brown shale - - - - -	690
Cuttings of medium gray non-calcareous shale with light brown non-calcareous shale - - - - -	700
A piece of medium dark gray calcareous shale - - - - -	720
A piece of medium dark gray non-calcareous shale with some light brown shale - - - - -	730
A piece of medium dark gray shale - - - - -	750
A piece of medium gray slightly calcareous shale with some light brown shale - - - - -	760
Pieces of sandy medium gray non-calcareous shale with some light brown shale - - - - -	780
Pieces of medium gray sandy, non-calcareous shale - - - - -	790

	<u>Depth in feet</u>
Cuttings of medium gray sandy non-calcareous shale - - - - -	830
Cuttings of medium dark gray sandy, slightly calcareous shale - -	860
Cuttings of medium gray sandy non-calcareous shale - - - - -	880
A piece of medium gray calcareous shale - - - - -	930
A piece of medium dark gray calcareous shale - - - - -	980
A piece of medium dark gray calcareous shale - - - - -	1030
Cuttings of medium dark gray calcareous shale - - - - -	1080
An inch and a half of a 1-inch core of green calcareous shale - -	1992
A piece of green calcareous shale - - - - -	2038
A small piece of a core of compact white limestone - - - - -	2320
Pieces of sandy calcareous shale taken from between cones of roller bit - - - - -	2366
A core of medium gray, fine grained limestone - - - - -	2369
A core of brownish gray, rather porous, limestone - - - - -	2403
A core of light gray limestone in which dark areas were noted -	2446
Pieces of a core of medium gray limestone in which a little pyrite was noted - - - - -	2446
Pieces of a core of dark gray limestone in which a few indeter- minable shell fragments were noted - - - - -	2463
A core of light gray limestone - - - - -	2464
Piece of core of dark grayish white limestone, the rock being considerable fragmental - - - - -	2483
Pieces of a core of medium gray compact limestone - - - - -	2483
A piece of a core of brown limestone - - - - -	2495
A piece of a core of brown limestone - - - - -	2498
Two pieces of cores, one a brown limestone, the other a medium gray porous limestone in which the imprint of small pele- cypod shells was noted - - - - -	2511

Pieces of a core of medium dark gray limestone - - - - - 2534

Pieces of medium light gray, fairly porous, limestone - - - - - 2556

C. L. Lackey No. 1, E. E. Smith Oil Co.

Located 822 feet north 45 west and 565 feet north 30 east, of the most southerly corner of the C. L. Lackey 166-acre tract, James P. Gorman survey. Elevation: 460 feet.

Drillers Log

	<u>Feet</u>		<u>Feet</u>
Sand set surface casing	38	Shale	985
Sand	188	Limerock	995
Shale and sand	204	Shale	1035
Sand rock	211	Lime rock	1045
Shale	269	Shale and bldrs	1477
Sand rock	272	Gumbo	1502
Sand rock	274	Shale	1861
Sandy shale	299	Shale and bldrs	2072
Lime rock	301	Shale	2077
Shale	361	Taylor Marl cored 2092	2092
Lime rock	363	Taylor Marl	2290
Shale	390	Austin chalk cored 2636 and 2652	2636
Sand rock	392	Cored top of Eagleford shale	2652
Sand rock	400	Buda lime	2662
Shale and sand	406	Top of Del Rio	2707
Shale and bldrs	496	Cored Del Rio	2755
Shale and bldrs	571	Top of Georgetown	2790
Sticky shale	616	Cored top of Edwards hard tight	
Sand rock	620	lime	2810
Shale and bldrs	850	Cored Edwards very porous slight	
Shale	950	trace of sulphur odor	2842
Shell rock	955	Edwards lime	T.D. 2882

Description of samples by O. M. Richey; submitted by R. T. Short, 1927.

	<u>Depth in Feet</u>
Pieces of a core of medium dark gray calcareous shale - - - - -	2092
Pieces of light gray limestone - - - - -	2291
Pieces of a core of dark gray, almost black, calcareous shale - - -	2621
Pieces of a core of medium gray, fairly porous, limestone - - - - -	2652
Pieces of a core of dark gray calcareous shale - - - - -	2755
Piece of a core of medium gray limestone in which calcite areas were noted - - - - -	2810

Depth in Feet

Pieces of a core of medium gray, fairly porous, limestone in which Miliolina could be seen - - - - - 2842

Schawe No. 2, Payne & Bond

Located on the Thomas Maxwell league, about 1/4 mile northwest of Maxwell P.O.

Description of samples by O. M. Richey; submitted by H. H. Schawe, 1925,

Depth in feet

Core of light gray limestone in which Inoceramus prisms and stylolites were noted - - - - - 780

Core of light gray limestone in which Inoceramus prisms, numerous shell fragments, and some pyrite were noted - - - - - 800

Core of light gray limestone in which fragments of Inoceramus were seen - - - - - 940

A core of very dark gray to black calcareous shale in which some pyrite was noted - - - - - 960

Core of light gray limestone in which dark gray blotches were noted - 980

Core of light gray limestone in which dark gray blotching was noted - 1000

Core of medium dark gray limestone in which a large pecten was noted 1015

Core of dark gray calcareous shale - - - - - 1077

Core of brownish, gray, very porous limestone - - - - - 1115

Core of medium gray limestone - - - - - 1235

Piece of medium gray calcareous shale - - - - - Depth not given

A piece of calcareous, dark gray shale taken from the core barrel - - - 1087

A light gray limestone in which dark blotches were noticed - - - - - 1087

A piece of a core of medium dark gray calcareous shale - - - - - 1030
(depth doubtful)