

LOG OF CASTLEMAN & BARKERS OIL SYNDICATE'S NO. 1 PANKEY.

Located in S. E. Corner of the N. E. Quarter of Section

21, Twp. 21 S. Range 8 E. Chase County, Kansas.

Hole dry and abandoned.

12715

21-21-9E

FORMATION	COLOR	THICKNESS	FROM	TO	REMARKS.
Clay	Red	15'	Surface	15'	
Lime	Gray	60	15	75	
Red Rock	Red	10	75	85	
Lime	Gray	23	85	108	
Shale	Blue	60	108	168	Set 15 1/2" casing at 145'
Lime	Gray	8	168	176	
Shale	Blue	47	176	223	
Lime	Gray	22	223	245	
Slate	Blue	95	245	340	
Lime	Gray	31	340	371	
Shale	Blue	8	371	379	
Shale	Gray	54	379	433	
Lime	Dark	17	433	450	
Shale	Blue	106	450	556	
Lime	Dark	44	556	600	
Shale	Blue	23	600	623	
Lime	Gray	37	623	660	
Shale	Light	10	660	670	
Shale	Blue	25	670	695	
Lime	White	5	695	700	
Shale	Blue	20	700	720	
Shale	Gray	35	720	755	
Lime	White	5	755	760	
Shale	Blue	24	760	854	
SAND	Light	42	854	896	Hole full of water.
Shale	Blue	4	896	900	
SAND	Light	5	900	905	Dry
Lime	White	8	905	913	
Shale	Blue	30	913	943	Set 12 1/2" Casing 923'
Lime	Dark	5	943	948	
Shale	Dark	32	948	980	
Lime	Brown	50	980	1030	
SAND	Light	5	1030	1035	9 bailers of water.
Shale	Black	70	1035	1105	Set 10" Casing 1105' Hole caving badly.
Lime	White	10	1105	1115	
Shale	Blue	10	1115	1125	
SAND	Gray	10	1125	1135	1 bailer of water.
Shale	Blue	5	1135	1140	
Lime	Brown	10	1140	1150	
Shale	Blue	20	1150	1170	
Lime	White	15	1170	1185	
Shale	Black	20	1185	1205	
Lime	White	40	1205	1245	
Shale	Blue	10	1245	1255	
Lime	Blue	10	1255	1265	
Shale	Blue	5	1265	1270	
SAND	Gray	25	1270	1295	Hole full of water.
Shale	Black	30	1295	1325	Bad cave.
Lime	Dark	63	1325	1388	Set 10" Casing 1325.
Shale	Black	4	1388	1392	
SAND	Gray	4	1392	1396	4 1/2 bailers of water.
Shale	Black	9	1396	1405	
Shale	White	5	1405	1410	
Shale	Black	35	1410	1445	
SAND	light	25	1445	1470	Hole full of water.
Shale	Blue	95	1470	1565	Set 10" casing 1497
Lime	White	5	1565	1570	
Shale	Black	5	1570	1575	
SANDY LIME	Dark	10	1575	1585	1/2 bailer of water.
Shale	light	100	1585	1685	
Lime	Blue	10	1685	1695	

FORMATION	COLOR	THICKNESS	FROM	TO	REMARKS.
Lime	White	10	1695	1705	
SAND	Gray	5	1705	1710	1 bailer of water.
SANDY LIME	Brown	10	1710	1720	
Lime	Brown	10	1720	1730	
Lime	White	5	1730	1735	
Shale	Blue	5	1735	1740	
Lime	White	50	1740	1790	
SANDY LIME	Brown	40	1790	1830	
Lime	White	20	1830	1850	
Shale	Blue	25	1850	1875	
Lime	White	65	1875	1940	Set 8 1/2 casing 1930
Shale	Blue	10	1940	1950	
Lime	Brown	55	1950	2005	
Lime	White	35	2005	2040	
SAND	Gray	5	2040	2045	Dry.
Lime	White	33	2045	2078	
Shale	Blue	13	2078	2091	
SAND	Gray	24	2091	2115	Hole full of water.
Shale	Blue	5	2115	2120	
Lime	Gray	5	2120	2125	Set 8 1/2 Casing at 2120
Shale	Blue	53	2125	2178	
Lime	Dark	5	2178	2182	
Lime and shale	White	38	2182	2220	
Lime	White	10	2220	2230	
Shale	Blue	25	2230	2255	
SAND	Dark	10	2255	2265	Dry.
Lime	Light	35	2265	2300	
Shale	Dark	3	2300	2303	
Lime	Dark	17	2303	2320	
Shale	Black	98	2320	2418	
Lime	Gray	7	2418	2425	Set 6 5/8" Casing 2420
Shale	Black	5	2425	2430	
Shale	Gray	13	2430	2443	Dry
Shale	Black	7	2443	2450	
Shale	Blue	16	2450	2466	
Red Rock	Red	2	2466	2468	
SANDY SHALE	Dark	24	2468	2492	Oil Rainbow.
Lime	Gray	13	2492	2505	Set 6 5/8 casing 2476
Shale	Brown	10	2505	2515	
Red rock	Red	13	2515	2528	
Lime	Black	8	2528	2536	Set 6 5/8 casing 2533
Slate & Shells	Black	5	2536	2541	
Red rock	Red	2	2541	2543	
Slate & Shells	Black	10	2543	2553	
Slate & Shells	Gray	45	2553	2598	
Lime	White	5	2598	2603	Set 6 5/8 casing 2602
COAL	Black	1	2603	2604	
SANDY SHALE	Light	5	2604	2609	Cave.
Lime	Black	9	2609	2618	
COAL	Black	2	2618	2620	
SANDY LIME	Dark	29	2620	2649	
Lime	Mixed	13	2649	2662	Top MISSISSIPPI Lime.
SANDY LIME	Brown	11	2662	2673	" "
Shale	Black	2	2673	2675	" "
SANDY LIME	Brown	13	2675	2689	1 bailer water
Shale	Black	3	2689	2691	MISSISSIPPI LIME
SANDY LIME	Light	44	2691	2735	" "
SANDSTONE	White	46	2735	2781	" "
SANDY LIME	Light	16	2781	2797	" " Dry.
Lime Shell	White	3	2797	2800	" "
SAND	White	10	2800	2810	Hole full of water.

21-21-8E  
DANKEY #1

Total Depth 2810 feet.  
run steel line).

Cable measurement. (Hole saving badly unable to

Hole abandoned September 10, 1920.

21-21-8E  
PANLEY #1

GASING RECORD

WATER RECORD.

15 1/2"	145'
12 1/2"	922'
10"	1427"
8 1/2"	2120
6 5/8"	2602

Hole full at 854'  
 9 bailers at 1030  
 1 bailer at 1125  
 Hole full at 1270  
 4 1/2 bailers at 1292  
 Hole full at 1445.  
 1/2 bailer at 1575  
 1 bailer at 1705  
 Hole full at 2091  
 1 bailer at 2275  
 Hole full at 2300

UNDERGROUND RECORD.

10"	from 1105 to 1474
8 1/2"	from 1930 to 2120
6 5/8"	from 2430 to 2602

FORMATION SAMPLE RECORD.

854 TO 896  
 1030 to 1035  
 1270 to 1295  
 1295 to 1305  
 1455 to 1463  
 1463 to 1468  
 2090 to 2115  
 2250 to 2255  
 2295 to 2300  
 2300 to 2310 -- sample every screw.

I hereby certify that the above is a true and correct log of the well drilled by The Cattleman & Bankers Oil Syndicate, in the southwest corner of the Northeast quarter of Section 21, Township 21 S. Range 8 East, in Chase County, Kansas.

  
 General Manager.

Subscribed and sworn to before me a Notary Public, within and for Sedgewick County, Kan, this 10th day of September, 1920.

  
 Notary Public.

My Commission expires... 1921

Replot.

Fig. 1

Plotted

Plotted

44.21

21-21-8E

LOG OF CATTLE MEN AND BANKERS' OIL SYNDICATE NO I PANKEY

Located in S. W. Corner of the N E. Quarter of Section 21, Twp. 21S., Range 8 E., Chase County, Kansas.  
Hole dry and abandoned.

Elev. 1472

Council Grove  
Wabasha  
Cherokee

Formation	Color	Thickness	From	To	Remarks.
Clay	red	15	Surface	15	
Lime	gray	60	15	75	
Rock	red	10	75	85	
Lime	gray	23	85	108	
Shale	blue	60	108	168	Set 15 1/2" casing @ 145'
Lime	gray	8	108	176	
Shale	blue	47	176	223	
Lime	gray	22	223	245	
Slate	blue	95	245	340	
Lime	gray	31	340	371	
Shale	blue	8	371	379	
Shale	gray	54	379	433	
Lime	dark	17	433	450	
Shale	blue	106	450	556	
Lime	dark	44	556	600	
Shale	blue	23	600	623	
Lime	gray	37	623	660	
Shale	light	10	660	670	
Shale	blue	25	670	695	
Lime	white	5	695	700	
Shale	blue	20	700	720	
Shale	gray	35	720	755	
Lime	white	5	755	760	
Shale	Blue	94	760	854	
SAND	light	42	854	896	Hole full of water.
Shale	blue	4	896	900	
SAND	light	5	900	905	Dry.
Lime	white	8	905	913	
Shale	blue	30	913	943	Set 12 1/2" casing 923'.
Lime	dark	5	943	948	
Shale	dark	32	948	980	
Lime	brown	50	980	1030	
SAND	light	5	1030	1035	9 bailers of water.
Shale	black	70	1035	1105	Set 10" casing 1105'. Hole caving badly.
Lime	white	10	1105	1115	
Shale	blue	10	1115	1125	
SAND	gray	10	1125	1135	1 bailer water.
Shale	blue	5	1135	1140	
Lime	brown	10	1140	1150	
Shale	blue	20	1150	1170	
Lime	white	15	1170	1185	
Shale	black	20	1185	1205	
Lime	white	40	1205	1245	
Shale	blue	10	1245	1255	
Lime	blue	10	1255	1265	
Shale	blue	5	1265	1270	
SAND	gray	25	1270	1295	Hole full of water.
Shale	black	30	1295	1325	Bad cave

21-21-8E 12

Formation	Color	Thickness	From	To
Lime	dark	63	1325	1388
Shale	black	4	1388	1392
SAND	gray	4	1392	1396
Shale	black	9	1396	1405
Shale	white	5	1405	1410
Shale	black	35	1410	1445
SAND	light	25	1445	1470
Shale	blue	95	1470	1565
Lime	white	5	1565	1570
Shale	black	5	1570	1575
SANDY LIME	dark	10	1575	1585
Shale	light	100	1585	1685
Lime	blue	10	1685	1695
Lime	white	10	1695	1705
SAND	gray	5	1705	1710
SANDY LIME	brown	10	1710	1720
Lime	brown	10	1720	1730
Lime	white	5	1730	1735
Shale	blue	5	1735	1740
Lime	white	50	1740	1790
SANDY LIME	brown	40	1790	1830
Lime	white	20	1830	1850
Shale	blue	25	1850	1875
Lime	white	65	1875	1940
Shale	blue	10	1940	1950
Lime	brown	55	1950	2005
Lime	white	35	2005	2040
SAND	gray	5	2040	2045
Lime	white	33	2045	2078
Shale	blue	13	2078	2091
SAND	gray	24	2191	2115
Shale	blue	5	2115	2120
Lime	gray	5	2120	2125
Shale	blue	53	2125	2178
Lime	dark	5	2178	2182
Lime & shale	white	38	2182	2220
Lime	white	10	2220	2230
Shale	blue	25	2230	2255
SAND	Dark	10	2255	2265
Lime	light	35	2265	2300
Shale	dark	3	2300	2303
Lime	dark	17	2303	2320
Shale	black	98	2320	2418
Lime	gray	7	2418	2425
Shale	black	5	2425	2430
SAND	gray	13	2430	2443
Shale	black	7	2443	2450
Shale	blue	16	2450	2466
Red rock	red	2	2466	2468
SANDY SHALE	DARK	24	2468	2492
Lime	gray	13	2492	2505
Shale	brown	10	2505	2515
Red rock	red	13	2515	2528
Lime	black	8	2528	2536
Slate & shells	black	5	2536	2541
Red rock	red	2	2541	2543
Sl. & shells	black	10	2543	2553
Sl. & shells	gray	45	2553	2598
Lime	white	5	2598	2603

Set 10" casing 1325'.

4 1/2 bailers water.

Hole full of water.  
Set 10" casing 1497.

1/2 bailer water.

1 bailer of water.

Set 8 1/2 casing, 1930.

Dry.

Hole full of water.

Set 8 1/2 casing at 2120.

Dry.

Set 6-5/8" casing 2420.

Dry.

(set 6 5/8  
Oil rainbow. casing 2476.)

Set 6 5/8 casing 2533.

Set 6 5/8 casing 2602

Pungles Formation

Lime

Lime

Lime

21-21-8E

Formation	Color	Thickness	From	To	Remarks.
COAL	black	1	2603	2604	
SANDY SHALE	light	5	2604	2609	Cave.
Lime	black	9	2609	2618	
COAL	black	2	2618	2620	
SANDY LIME	dark	29	2620	2649	
Lime	mixed	13	2649	2662	Top Mississippi lime.
SANDY LIME	brown	11	2662	2673	" "
Shale	black	2	2673	2675	" "
SANDY LIME	brown	13	2675	2689	1 bailer water.
					MISSISSIPPI LIME.
Shale	black	3	2689	2692	" "
SANDY LIME	light	44	2691	2735	" "
SANDSTONE	white	46	2735	2781	" " Dry.
SANDY LIME	light	18	2781	2797	" "
Lime shell	white	3	2797	2800	" "
SAND	White	10	2800	2810	Hole full of water.

Total depth 2810 feet. Cable measurement. (hole caving badly unable to run steel line).

Hole abandoned, September 10, 1920.

CASING RECORD.

15 1/2 in. 145 ft.  
 12 1/2 923  
 10 1497  
 8 1/2 2120  
 6 5/8 2602

WATER RECORD

Hole full at 854.  
 9 bailers at 1030.  
 1 bailer at 1125.  
 Hole full at 1270.  
 4 1/2 bailers at 1392.  
 Hole full at 1445.  
 1/2 bailer at 1575.  
 1 bailer at 1705.  
 Hole full at 2191.  
 1 bailer at 2675.  
 Hole full at 2800.

UNDERBEAMING RECORD.

10 in. from 1105 to 1474.  
 8 1/2 from 1930 to 2120.  
 6 5/8 from 2420 to 2602.

FORMATION SAMPLE RECORD.

854 to 896  
 1030 to 1035  
 1270 to 1295  
 1295 to 1305  
 1458 to 1463  
 1463 to 1468  
 2090 to 2115  
 2250 to 2255  
 2295 to 2300  
 2300 to 2810-----sample every screw.

