

*Rayl Well
Kingman County*

Kingman County - Kansas

Willard Rayl Well - S.J. Haynes, Wichita,
Kansas, and others

Altitude - 1560'

SW Sec. 16 - Twp. 27 - Range 7

PLAINS DISTRICT

Formation	Thickness	Depth	Remarks
Sand and grits	25	0 - 25	
Red rock	95	25-120	115-10 bbls. of water
Slate	20	120-140	
Red rock	170	140-310	
Soft slate	5	310-315	
Soft red rock	150	315-465	
Light slate	35	465-500	
Dark slate	20	500-520	
Soft slate	25	520-545	
Dark slate	15	545-560	
Softdark slate	25	560-585	
Hard light lime	2	585-587	
Slate	93	587-680	15 bailers water
Slate and shale	60	680-740	
Salt	25	740-765	
Slate	7	765-772	
Salt	253	772-1025	
Slate	5	1025-1030	
Salt	50	1030-1080	
Dark slate	5	1080-1085	
Salt and slate	15	1085-1100	
Hard lime and shells	60	1100-1160	12" at 1170
Gray lime	25	1160-1185	
Slate and shells	15	1185-1200	
Lime	20	1200-1220	
Slate and shells	40	1220-1260	
Sandy lime	25	1260-1285	
Dark slate	5	1285-1290	
Red rock	5	1290-1295	
Hard light lime	15	1295-1310	
Sandy shale	18	1310-1328	
Gas sand and sandy lime	12	1328-1340	Gas 1326-1338
Red rock	10	1340-1350	
Light slate	13	1350-1363	
Sandy lime	22	1363-1385	½ bailer water
Sandy lime	20	1385-1405	
Soft slate	10	1405-1415	
Broken lime	35	1415-1450	
Lime	30	1450-1480	
Sandy lime	35	1480-1515	Water
Shale	75	1515-1590	
Sandy lime	20	1590-1610	Show heavy oil 1590'

(2)

Formation	Thickness	Depth	Remarks
Red rock	40	1610-1650	
Sandy lime	10	1650-1660	
Hard lime	15	1660-1675	
Red bed	10	1675-1685	
Lime	58	1685-1743	Oil show at 1730
Slate	10	1743-1753	
Water sand	9	1753-1762	Hole full of water at 1752
Water sand	15	1762-1777	
Lime	10	1777-1787	
Red rock cave	13	1787-1800	
Lime shell	3	1800-1803	
Blue shale	5	1803-1808	
Red rock	12	1808-1820	
Shale	20	1820-1840	
Shale	15	1840-1855	
Lime	15	1855-1870	
Shale	5	1870-1875	
White lime	35	1875-1910	
Dark shale	5	1910-1915	
Broken lime	35	1915-1950	
Blue shale cave	35	1950-1985	
Lime shell	5	1985-1990	
Brown shale	30	1990-2020	
Hard white lime, black slate	15	2020-2035	Oil show 2030-2060
Sandy lime	20	2035-2055	
Shale	5	2055-2060	
Lime shell	25	2060-2085	
Dark shale	65	2085-2150	
White lime	25	2150-2175	
Soft blue shale	35	2175-2210	
Hard white lime	5	2210-2215	
Blue slate	25	2215-2240	
Hard white lime	80	2240-2320	
Soft shale	20	2320-2340	
Hard white lime	5	2340-2345	
Dark shale	15	2345-2360	
Brown shale	5	2360-2365	
Hard white lime	32	2365-2397	
Soft black slate	63	2397-2460	
Hard white lime	40	2460-2500	
Soft shale	15	2500-2515	2 bailers water
Hard white lime	25	2515-2540	
Hard sandy lime	20	2540-2560	6-5/8 set 2558
Hard dark lime	50	2560-2610	
Black slate	10	2610-2620	
Soft white water sand	10	2620-2630	12 bailers
Soft shale	5	2630-2635	
White lime	10	2635-2645	

Casing Record:
 20" 28
 15 1/2" 225
 12 1/2" 760

10" 1510
 8 1/4" 2000
 6-5/8" 2558

Willard Rayl well 55 10 27 7 Kingsan County Kansas
 S.W. Haynes Wichita Kansas and others 9/19/31.

Altitude 1560.

20"	casing	25	
15"		225	
12"		707	
10"		1510	
8 1/2"		2500	
6 5/8"		2555	
25 feet	sand & grt	25 feet	
25	red rock	125	115-10 barrels water
20	slate	180	
150	red rock	310	
5	soft slate	315	
150	soft red rock	465	
25	light slate	500	
20	dark slate	520	
25	soft slate	545	
15	dark slate	560	
25	dark soft slate	585	
2	light hard lime	587	
25	slate	600	15 balern water
25	slate and shale	740	
25	salt	765	
7	slate	772	
250	salt	1025	
5	slate	1030	
50	salt	1080	
5	dark slate	1085	
15	salt and slate	1100	
60	hard lime and shells	1160	12 in at 1170
25	gray lime	1185	
15	slate and shells	1200	
25	lime	1225	
40	slate and shells	1260	
25	sandy lime	1285	
5	dark slate	1290	
5	red rock	1295	
15	light hard lime	1310	
15	sandy shale	1325	
12	gas sand and edy line	1340	gas 1326 to 1338
10	red rock	1350	
15	light slate	1365	
25	sandy lime	1385	1/2 bailer water.
20	sandy lime	1405	
10	soft slate	1415	
35	broken lime	1450	
30	lime	1480	
35	sandy lime	1515	water
75	shale	1590	
20	sandy lime	1610	show heavy oil 1520
20	red rock	1630	
10	sandy lime	1640	
15	hard lime	1675	
15	red bed	1685	
50	lime	1740	oil show at 1730
10	slate	1755	
5	water sand	1762	hole full water 1750
15	water sand	1777	
10	lime	1787	
15	red rock cave	1800	
5	lime shell	1825	
5	blue shale	1830	
12	red rock	1845	
20	shale	1845	
15	shale	1855	
15	lime	1870	
5	shale	1875	
5	white lime 35	1910	
5	dark shale	1915	
25	broken lime	1950	
35	blue shale cave	1985	
5	shell lime	1990	
20	brown shale	2020.	
15	hard white lime	2035	oil show 2030 to 2060
	black slate		
	sandy lime	2055	
	shale	2060	
	shell lime	2060	

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65 feet dark shale	2150	
25 white lime	2175	
35 blue soft shale	2210	
5 hard white lime	2215	
25 blue slate	2240	
80 hard white lime	2320	
20 soft shale	2340	
5 hard white lime	2345	
15 dark shale	2360	
5 brown shale	2365	
32 hard white lime	2397	
63 black soft slate	2460	
43 hard white lime	2500	
15 soft shale	2515	2 bailers water.
25 white hard lime	2540	
20 yard sandy lime	2560	6 5/8 set 2558
50 dark hard lime	2610	
10 black slate	2620	
10 soft white water sand	2630	12 bailers.
5 soft shale	2635	
10 white lime	2645	