

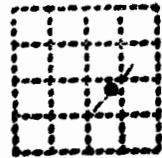
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
412 Union National Bk Bldg., Wichita, Kansas

PHIL-HAN OIL CO.
Boxberger No. 1.

SEC.33 T.13 R.14 W
NE NW SE

Total Depth. 3324'
Comm. 10-28-42 Comp. 11-28-42
Shot or Treated.
Contractor.
Issued. 1-23-43

County. Russell



CASING:
15 1/2" 375' 8 5/8" 2498'
13" 603' 7" 3031'
10" 904'

Elevation.

Production. Dry

Figures Indicate Bottom of Formations.

clay yellow	40	lime	2105	lime	3324
shale	80	red rock	2125	Total Depth.	
wtr sand	90	lime	2178		
shale	225	red rock	2205	sh oil 3117-22	
lime shells	230	lime	2215	3 BW 80-90	
red rock	245	shale & shells	2220	4 BW 410-30	
shale	255	lime sdy	2225	HFW 465-80	
lime sdy	265	shale & shells	2250	1 1/2 BWP 1330	
red rock	280	shale	2255	1/2 BW 2220-25	
shale	290	lime	2285	1/2 BW 3060-70	
red rock	315	shale	2298	1 BW 3117-22	
shale	343	lime	2315	2 1/2 BW 3135-40	
redrock	370	shale blk	2335	1 1/2 BW 3140-50	
shale sdy	380	lime brkn	2365	more wtr 3320-24	
380 equals 375 Csg Meas.		lime	2390		
shale	410	red rock	2400		
shale sdy	430	shale	2486		
shale	465	lime	2507		
sand	480	shale	2543		
shale	500	lime	2550		
shale sdy	515	lime brkn	2560		
shale	543	shale	2575		
red rock	900	lime brkn	2580		
anhydrite	942	shale & shells	2590		
red rock	1070	shale	2615		
shale	1130	lime	2660		
red rock	1180	shale	2680		
shale	1200	lime	2695		
red rock	1210	shale	2720		
shale	1310	lime	2730		
salt	1515	shale	2752		
shale	1520	lime	2965		
shale & shells	1535	shale	2974		
shale	1540	lime	2980		
lime	1555	shale blk	2982		
shale	1565	shale & shells	2992		
lime	1580	lime	3012		
shale brown	1595	shale red	3015		
lime	1605	shale	3030		
shale brown	1610	lime	3047		
lime	1640	shale	3055		
shale brown	1645	lime	3115		
lime	1650	shale green	3117		
shale & shells	1660	lime	3160		
lime	1705	lime gy dk	3168		
red rock	1710	shale blk	3171		
lime	1803	lime white	3192		
shale sdy	1825	lime	3241		
shale & shells	1845	shale	3245		
lime	1890	lime	3268		
lime sharp	1910	shale	3271		
red rock	1920	lime	3276		
lime	1990	shale	3281		
red rock	2000	lime	3286		
lime	2010	shale	3298		
lime brkn	2020	conglomerate	3307		
lime	2050	lime	3310		
red rock	2053	conglomerate	3317		