

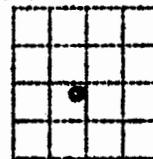
WELL LOG BUREAU KANSAS GEOLOGICAL SOCIETY
412 Union National Bk. Bldg., Wichita, Kansas

Company - BLACK-MARSHALL OIL CO.
Farm - Freed No. 2.

SEC. 34 T. 13 R. 14 W
NEc SW

Total Depth. 3294'
Comm. 1-5-44 Comp. 3-1-44
Shot or Treated.
Contractor. Blair Drlg. Co.
Issued. 4-22-44

County. Russell
KANSAS



CASING:
20" 30' 10" 849' 5" 3290'
15 1/2" 337' 8" 2125'
12 1/2" 555' 7" 3012'

Elevation. _____

Production. Est. Pot. 50 B.

Figures Indicate Bottom of Formations.

cellar	20	lime	1945	lime	3000
shale	55	shale blue	1950	shale	3018
shale blue	130	lime	1965	lime K.C.	3020
shale lgt	155	shale red	1970	lime	3024
shale	230	lime	2020	shale	3028
shale red	310	red rock	2023	lime	3050
shale	325	lime	2075	shale dk	3052
sand	335	shale blue	2080	lime	3076
shale	350	shale red	2100	shale dk	3079
iron-lime	355	lime	2160	lime	3092
shale	385	red rock	2165	shale	3095
iron	392	lime	2185	lime	3210
sand	400	shale	2200	shale blue	3223
shale	410	lime	2210	lime	3240
shale blue	440	shale blue	2220	shale & shells	3245
sand	450	lime	2245	lime	3258
shale blue	465	shale	2255	shale	3267
shale	500	shale & shells	2265	lime	3270
shale blue	503	lime	2300	red rock	3271
red rock	508	shale	2310	lime	3275
sand	518	lime	2325	red rock	3280
red rock	535	shale red	2330	shale & shells	3289
shale red	555	lime	2335	lime	3291
red rock	640	shale	2345	Gorham sand	3292
shale red	815	lime	2350	lime	3294
red rock-anhyd.	849	shale	2365	Total Depth.	
lime-anhydrite	857	lime	2370		
lime	885	shale	2375	HFW 325-35	
shale red	900	lime	2383	HFW 392	
red rock	970	shale blue	2420	1 1/2 BWH 2930-35	
shale red	1035	shale	2440	2 BWH 3100-05	
shale	1090	lime	2450		
red rock	1140	shale	2455	S.S.O. 3289-91	
shale	1155	lime	2467		
shale blue	1225	shale	2490		
shale	1255	lime & shells	2494	Tops:	
salt	1505	shale blue	2512	Lsg.	3010
shale blue	1515	lime	2521	Congl.	3270
lime	1525	shale	2542	Gorham Sand	3290
shale blue	1530	lime	2555		
lime	1560	shale blue	2560		
shale red	1570	lime	2570		
lime	1615	shale blue	2582		
shale	1620	lime	2605		
lime	1627	shale & shells	2650		
red rock	1631	shale	2656		
lime	1665	lime	2673		
shale brown	1685	shale	2683		
shale blue	1700	lime	2705		
lime	1725	shale blue	2720		
shale red	1735	lime	2878		
lime	1745	shale blue	2881		
shale red	1750	lime	2958		
lime	1795	shale dk	2960		
shale	1800	lime	2967		
lime	1885	shale blue	2975		
red rock	1890	lime	2991		
lime	1920	shale red	2995		
shale blue	1925	shale	2998		