

EMPIRE OIL & REFG CO.
Boxberger No. 1.

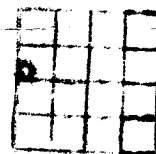
SEC. 32 T. 13 R. 14W
SWc NW

Total Depth. 3312'
Comm. 4-17-36 Comp. 6-11-36
Shot or Treated. 1000 Gals. Acid 7-8-36
Contractor. Braden & McClure Drlg. Co.
Issued. 9-5-36

County. Russell

SEP 5

1936



CASING:

20 " 21' @ 29' Pulled
15 1/2 " 395' Pulled
12 3/4 " 915'
10 " 2075' Pulled
8 1/4 " 2860' UR 3170
7 " 3304'

Elevation.

Production. Pot. 446 B.,

Figures Indicate Bott om of Formation. 20 wtr after acid

clay	35	shale & shells	2015	shale blue	3175
shale blue	190	lime	2050	brkn lime	3185
shale green	230	shale	2070	lime white	3200
sdv shale	245	lime	2078	lime sft	3203
red rock	275	red rock	2095	lime grey	3205
sand	300	lime	2125	shale & lime shells	3208
shale blue	385	red rock	2130	red & shale blue	3211
iron pyrite	390	lime	2135	lime	3236
sand & iron	405	red rock	2145	shale & shells	3245
iron	407	shale	2160	shale white	3250
sand & iron	410	lime	2230	lime	3260
sand white	415	lime, shale, shells	2270	shale & shells	3262
shale blue	420	lime	2275	lime 12 BOPH	3271
sand	435	shale	2280	lime & shale	3278
shale blue	495	shale & shells	2315	shale & shells	3303
shale gritty	500	shale & lime shells	2355	Siliceous lime	3312
shale blue	520	shale blue	2382	Total Depth	
sand	540	shale	2415		
red rock	905	lime	2420		
lime	915	shale & shells	2450		
anhydrite hrd	935	shale blue	2495	(1800' oil in hole)	
anhydrite lime	955	lime	2505		
red rock	1115	lime sdv	2520		
shale blue	1135	shale drk	2555	Siliceous lime 3303-3312	
red rock	1220	lime white	2575		
shale grey	1250	shale blue	2585		
lime & shale	1280	lime	2590		
lime grey	1300	shale	2600		
rock salt	1310	lime	2610		
salt	1522	shale	2625		
shale	1560	lime shells & shale	2680		
lime	1575	shale blue	2700		
lime & gyp	1580	lime	2710		
lime grey	1610	shale blue	2720		
shale	1620	shale	2730		
lime	1635	lime	2735		
shale	1640	shale blue	2755		
lime	1675	lime	2800		
red rock	1682	lime white	2830		
lime	1715	lime	2975		
red rock	1730	shale	2980		
shale	1740	lime	3000		
lime	1770	shale	3005		
shale blue & lime		lime	3010		
shells	1805	red rock	3015		
shale	1815	shale grey	3025		
lime	1830	brkn lime	3040		
shale	1850	SLM Corr. 3040-3047			
lime	1920	lime white sh oil	3070		
red rock	1930	lime	3165		
lime	1995	shale white	3170		
red rock	2005	lime grey	3172		

WATER RECORD

6 BW 235'
HFW 265-75
1/2 BWP 3070-72
1000' wtr in hole 3120-40
1 BWP 2935-50