

Location SE NE NE
990' S 330' W NE cor.

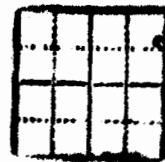
(CORRECTED LOG)

Plotted *23-75-14W*
Sec. 23 T. 15 R. 14W.

Casing Record

10" 2217 Farm- Cchs No. 1
20" 41 8" 2750 Company- Empire Oil & Ref. Co.
15" 570 65/8" 2375 Contr.- K. W. Rine.
12" 923 53/16" 3330 Comm.- 8/3/1929. Comp.- 10/6/1929.
Total Depth 3367.78 Shot Quarts Between
Correspondence Regarding This Well Should Be Referred to

County- Russell DEC 12 1929



Figures Indicate Bottom of Formations.
Date Issued. 11/30/1929.

Elevation
Initial Production 190 bbls.

Formation	Depth	Formation	Depth	Formation	Depth
clay yellow	35	shale	2100	1 BW 3215-3225'	
shale	230	lime	2115	lime	3235
sand HFW	250	red rock	2120	shale & brkn lime	3250
sdv shale	330	sand 1 BW	2130	shale	3255
red rock	365	gyp & lime	2185	lime	3258
shale	430	shale	2190	shale	3263
lime	435	red rock & gyp	2215	lime	3312
sandy shale	460	lime	2235	blue slate	3330
sand	525	shale	2240	lime	3354
shale	555	sdv lime	2260	shale	3363
sand water	560	shale	2265	lime oil	3367
sdv lime	570	red rock H.C.	2280		
shale	575	lime	2290	Underreamed 5 3/16"	
red rock	600	shale	2300	3160 to 3225'.	
sand 8 BW	610	lime	2310		
red rock	790	shale	2320	TD	3367.71
sdv red rock	845	lime & slate	2345	Lime	3371-3378 W.
sand	855	lime	2350		
red rock	918	shale	2490		
lime	950	brown shale	2500		
red rock H.C 1030	1125	shale hole cave	2560		
lime	1127	lime	2565		
shale	1170	sdv lime	2640		
red rock	1225	1 BW 2635-2640'			
shale	1240	shale	2655		
red rock	1250	lime	2665		
salt & shale	1320	shale	2675		
sand	1325	lime	2700		
3 BW 1320-25		shale	2710		
lime	1360	lime	2713		
salt	1410	shale	2747		
lime	1425	lime	2800		
salt	1550	shale	2825		
lime	1555	lime	2830		
shale	1565	brkn lime	2875		
lime	1575	lime	2905		
brkn lime	1640	brkn lime	2910		
shale	1670	lime	2925		
lime	1680	shale	2930		
shale	1690	lime	2960		
lime	1700	shale	2970		
red rock	1735	lime	3050		
shale	1745	shale black	3053		
lime	1765	lime	3060		
shale	1785	shale lgt	3065		
sdv shale	1800	red rock	3066		
lime	1820	lime	3082		
sdv shale	1850	red rock	3085		
red rock	1860	lime	3087		
sdv lime	1915	red rock	3092		
lime & gyp	1935	blue shale	3110		
gyp & sdv shale	2080	lime	3197		
lime	2090	shale	3200		

Underreamed 5 3/16"
3160 to 3225'.

TD 3367.71
Lime 3371-3378 W.
PB 3372 - making settle.
oil, no water.