

MID CONTINENT PETROLEUM CORPORATION WELL RECORD
Phillip Ochs well #4

S $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 35-15S-14W, Russell County, Kansas
330' from south and east lines
Drilling commenced 5-27-40; well completed 6-18-40.
Drilling contractor, Mac & Stauffer.
Potential, 1342 bbls.

FORMATION RECORD

Soil	0	11
Clay	11	20
Sand	20	25
Shale, blue	25	100
Shale & shells	100	300
Shale	300	480
Shells	480	510
Red rock & shells	510	670
Shale & shells	670	850
Anhydrite	850	885
Shale & shells	885	1070
Shale	1070	1295
Shale & shells	1295	1315
Salt & shale	1315	1420
Shale	1420	1580
Lime & shale	1580	1677
Lime	1677	1790
Shale	1790	1820
Lime	1820	2075
Lime & shale-	2075	2157
Lime	2157	2220
Shale & lime	2220	2317
Lime	2317	2373
Lime & shale	2373	2450
Shale	2450	2465
Lime & shale	2465	2565
Lime	2565	2605
Shale & red rock	2605	2714
Shale	2714	2805
Lime	2805	2848
Shale & shells	2848	2882
Lime	2882	3054
Shale	3054	3145
Lime	3145	3287
Lime & shale	3287	3319
Black shale	3319	3321
Broken lime	3321	3323
Arbuckle lime	3323	3331 TD

CASING RECORD

SIZE	CASING SPOT	CEMENT
10 $\frac{3}{4}$ " 35# SH LW	347' 12"	200 sacks
7" 20# New SS	3323'	200 sacks