

MID-CONTINENT PETROLEUM CORPORATION

Well Record

R. N. MASSEY WELL NO. 1 - SE/4 Section 22-30S-15W, Barber County, Kansas
 Located 660' from South and 660' from East lines
 Drilling commenced October 9, 1943; completed November 20, 1943
 Contractor: Helmerich & Payne Drilling Company
 Potential of 4864 barrels

FORMATION RECORD

Sand & red bed	0	75
Shale & shells	75	174-Set 13-3/8" OD casing at 171'
Shale & shells	174	375
Red rock	375	430
Shale & shells	430	625
Red bed & shale	625	727
Anhydrite & shale	727	740
Red bed & shale	740	985
Shale & salt	985	1010
Shale & shells	1010	1695
Shale & red rock	1695	1795
Shale & shells	1795	1820
Anhydrite	1820	1890
Shale & shells	1890	1950
Shale & Anhydrite	1950	2040
Broken lime & shale	2040	2120
Anhydrite	2120	2195
Lime	2195	2205
Lime & shale	2205	2320
Sandy lime & shale	2320	2485
Lime	2485	2540
Sandy lime	2540	2585
Lime & shale	2585	2855
Lime	2855	2890
Lime & shale	2890	2930
Sandy shale & lime strk	2930	2970
Shale & shells	2970	3030
Lime & shale	3030	3190
Lime (Topeka)	3190	3238
Lime & shale	3238	3283
Lime	3283	3423
Lime & shale	3423	3495
Lime	3495	3605
Shale	3605	3635
Lime	3635	3713
Shale & lime	3713	3764
Lime	3764	3790
Shale & lime	3790	3921
Shale	3921	3935
Sand	3935	3940
Shale & lime	3940	3952
Shale- sticky	3952	3992
Lime- Shale strks (K.C.)	3992	4034
Lime (K.C.)	4034	4071
Lime, hard	4071	4174
Lime & shale	4174	4188
Lime	4188	4247
Lime- Porous	4247	4258
Lime, hard	4258	4420-Derrick floor measurement
Lime, porous	4420	4422-Porosity & oil saturation
Lime, porous (Cored)	4422	4425-Porosity & oil saturation
Lime & green shale "	4425	4429-No porosity
Shale, black & red "	4429	4437-No "
Lime, hard	4437	4439-No "
Lime, hard (2nd Core)	4439	4449-No "

CASING RECORD

13-3/8" 54# New SS 162' 11" set w/130 sax
 5-1/2" 17# " " 4443' " w/200 "

Total depth 4449

Set 5 1/2" casing at 4447'
 Drilled out cement to 4428'
 Perforated from 4419' to 4425'