

Company J. E. Brady & Associates

23 - 14 - 14E
 Sec. 23 T. 14 R. 14E

Loc. NWC NW

County Osage

Farm Miles

No.

Total Depth

Comm.

Comp.

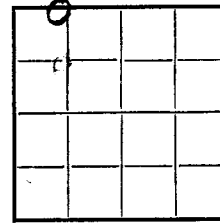
Shot or Treated

Contractor

Issued

Casing

Contractor: Yarker & Engers, Finance, Mo.
 20 in. 1460'
 15 1/2 420' 8 1/4 1820'
 12 1/2 896' 6 5/8 2252'
 13 3/8 5 3/16



Elevation 1218 Emp

122425

Production

Figures Indicate Bottom of Formation

Sandstone	5	-	-	lime	1038	1067
slate	5	50		slate	1067	1140
lime	50	60		lime	1140	1198
slate	60	105		slate	1198	1205
lime	105	110		lime	1205	1245
slate	110	125		slate	1245	1250
lime	125	130		lime	1250	1295
slate	130	170		slate	1295	1300
lime	170	180		lime	1300	1320
slate white	180	190		slate	1320	1325
slate black	190	275		lime	1345	1350
lime	275	290		slate	1350	1420
slate	290	345		sand	1420	1453
lime	345	360		slate	1453	1525
slate	360	390		lime	1525	1533
sand fr. wtr	390	405		slate	1533	1550
slate	405	425		lime	1550	1557
lime	425	428		slate	1557	1700
slate	428	430		lime	1700	1710
lime	430	433		slate	1710	1815
slate	433	435		slate pink	1815	1820
lime	435	440		slate black	1820	1835
slate	440	455		slate white	1835	1855
lime	455	475		lime	1855	1860
slate	475	505		slate	1860	1985
lime	505	508		lime	1985	1990
slate	508	515		slate	1990	2055
lime	515	520		lime	2055	2245
slate	520	535		sand, water, hole full	2245	2250
lime	535	555		slate	2250	2258
slate	555	572		lime	2258	2415
lime	572	580		slate	2415	2530
slate	580	640		lime	2530	2540
lime	640	680		sand (water)	2540	2575
slate	680	690		lime	2575	2730
lime	690	693		sand brown & white apparently a low oil	2730	2732
slate	693	795		sand white	2732	2787
sand & water	795	895		lime	2787	2827
slate	895	972		lime	2827	2842
sand	972	992		sand (sandstone)	2842	2847
slate	992	997		sand rock, limy	2847	2852
lime	997	1012		sandstone with little lime	2852	2857
slate	1012	1015		sand rock. light grey	2857	2862
lime	1015	1025		sandstone, darker, with brown tinge	2862	2865
slate	1025	1038		(Tested, no trace of oil)		

sandstone, light grey	2865	2870
sand rock, containing a little lime	2870	2875
sand, white	2875	2880
sand, light grey	2880	2891
limestone, very hard	2891	2901
sandstone, rounded grains with pyrite	2901	2906
" with lime cement, round grains	2906	2911
" grains rounded & smaller	2911	2916
limestone, very hard, cuts to rock-flour	2916	2925
" " " " "	2925	2932
" " " " "	2932	2937
limestone, containing clay and pyrite	2937	2942
" very hard, with frag. pol.		
mineral & some pyrite	2942	2960
limestone, same as above	2960	2965
" hard	2965	2979
" slightly softer	2979	2984
" Sandy, soft streak	2984	2985
" hard, fine - grained	2985	2995
slightly harder than above	2995	3005
sandstone carrying a large amount of		
lime with soft streaks	3005	3020
sandstone, rounded grains, very small		
amount of lime	3020	3040
lime, fine-grained, with some sand		
grains stained. The finer material	3040	3082
proved to be lime plus clay		
limestone, fine-grained, with clay and		
very little sand	3082	3087
hard drilling		
limestone carrying abundant sand grains,		
very hard	3087	3095
The finer material (separated) about		
all lime		
lime rock carrying abundant clay content,		
and some secondary minerals regarded as		
feldspar, quartz grains pre.	3095	3100
limestone very siliceous or a sandstone		
highly calcareous (residue prepared	3100	3105
did not show evident feldspar frag.)		
limestone carrying much sand, mod. hard	3105	3120
limestone with less sand, softer drilling		
some clay	3120	3125

Casing Record taken from the log
 book of the drillers by
 V.F. Marsters and
 Walter Broege

At this date (Mar. 1st) we have
 727' of open hole total calculated
 depth of the hole being 2979'.
 This to be rechecked.

(Drilling stopped on account caving

Later tools stuck in the hole.