

Plotted by

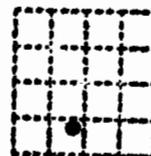
19-16-11W

BLACK - MARSHALL OIL CO.
J.B. Hoffman No. 1

SEC. 19 T. 16 R. 11 W.
NE SE SW

Total Depth, 3373
Comm. 6-6-42 Comp. 7-17-42
Shot or Treated.
Contractor.
Issued. 8-8-42

County Barton.



CASING.

12 1/2"	399'
10 3/4"	770'
8 1/2"	2434'
7"	3030' 6"
5 1/2"	3363'

Elevation.

Production. Pot. 287 B.

Figures Indicate Bottom of Formations.

cellar	10	lime	1770	lime	3045
yellow clay	14	sand	1775	shale	3070
post rock	20	2 1/2" BW 1770-1775		lime	3075
yellow clay	40	lime	1825	red rock	3078
shale blue	90	2 BW 1815-1825		lime	3105
shale dark	175	shale	1840	show oil 3080-90	
sand	190	lime	1870	lime	3110
3 BW 175-190		shale & red rock	1875	shale	3120
sdv shale	205	shale	1880	lime	3190
red rock	235	lime	1900	2 BW 3180-3190	
sand	250	shale	1925	shale	3195
8 BW 245		red rock	1935	lime	3345
red rock	260	lime	1965	conglomerate	3362
shale blue	275	shale	1985	Gorham sand	3368
red rock 13 BW	310	shale and shells	2020	sand	3373
shale blue HFW	335	shale	2025	Total Depth.	
red rock HFW	350	lime broken	2050		
red rock, shale and		red rock	2075		
sand HFW	375	lime	2090		
shale HFW	390	shale	2130	Topeka	2712
shale grey	490	lime	2135	Topeka-corrected	2708
sand	515	shale	2140	Lansing brown lime	3060
3 BW 490-495		red rock	2150	Lansing brown	
7 BW 510-515		lime	2155	lime-corrected	3055
shale	540	shale and shells	2175	Lansing wh lime	3080
red rock	570	lime shells	2185	Lansing wh	
shale 10 BW	585	lime and shells	2230	lime-corrected	3075
red rock	610	shale	2245	conglomerate	3335
sand	620	shale and shells	2275	conglomerate-corrected	3328
shale blue 13 BW	625	shale blue	2290	Top of sand	3362
red sand HFW	635	lime	2295	Top of sand-corrected	3355
shale red	645	shale	2310	Total Depth	3373
shale red	675	lime	2315	Total Depth	
red rock	770	shale and shells	2390	corrected	3366
lime	775	shale and shells	2415		
anhydrite	795	shale	2435		
red rock	980	lime	2450		
shale blue	1030	shale light	2460		
red rock	1085	shale	2505		
shale blue	1185	shale and shells	2650		
shale	1190	lime	2680		
salt broken	1235	shale	2673		
salt	1465	lime	2680		
1/2" BW 1390-1400		shale	2690		
shale and shells	1505	lime	2755		
lime and shale	1535	1/2" BW 2715-25			
lime and shale	1560	lime broken	2765		
lime	1590	lime sdv	2785		
red rock	1600	lime	2980		
lime	1625	1 BW 2785 1 1/2" BW 2920			
shale	1655	shale	2985		
lime	1680	lime	3000		
shale blue	1685	red rock	3010		
red rock	1705	lime	3025	show oil	
lime	1730	lime	3030		
shale	1740	shale	3035		

CORRECTED SYPO MEASUREMENTS