

17-16-18E

Powers No. 1
 Cen. NE. $\frac{1}{4}$ NE. $\frac{1}{4}$ Sec. 17, T. 16, R. 18, Franklin County, Kansas
 Elev. 944.5

Formation	Depth	Formation	Depth
Soil & Clay	7	Lime	845
Black Shale	10	Green Shale & Red Bed	850 Cavy
Sandstone	12	Light Shale	877
Lime	15 <i>Rso. base</i>	Lime	887
Gray Shale	92	S.L.M. 880	
Lime Shell	98	Dark Shale	900
Gray Shale	116	900 ft. 6 $\frac{1}{4}$ Casing	
Sand	132	Lime	905 Drum
Gray Shale	160	Black Shale	910
Water Sand	208 H.F.W.	Dark Shale	917
Gray Shale	215	Lime	920
Hard Sand	219	Light Shale	925
Gray Shale	280	Lime	928
Sandy Shale	300 <i>Stanton</i>	Light Shale	937
Lime	305 <i>Top</i>	Lime	941
Gray Shale	307	Brown Shale	957
Lime	320 <i>Rio</i>	Light Shale	1010
Black Shale - <i>Eudora</i>	325	Dark Shale	1055
Set 321 ft. 8 $\frac{1}{4}$		Light Shale	1075
Lime	333	Blue Shale	1080
Gray Shale	342 <i>V</i>	Plug here	
Lime	363 <i>↑</i>	Dark Shale	1123
Gray Shale	364 <i>RIP</i>	Sand	1136
Lime	368 <i>↓</i>	Blue Shale	1150
Gray Shale	391	S.L.M. 1150	
Sand	404 <i>Long-Benue</i>	Black Shale and Lime	1153 $\frac{1}{2}$
Light Shale	407 <i>Spring</i>	Gas 100,000 cu. ft.	
Gray Shale	504	Lime Cap	1155
Lime	534	Gas Increase	
Iola - S.L.M.		Sandy Lime	1166
Dark Shale	548	No Increase	
Lime	558	Gas Sand	1167 $\frac{1}{2}$
Gray Shale	584	Gas 450,000	
Lime	601	Broken Sand	1173
Gray Shale	614 S.L.M.	Gas 497,000 In all	
Lime	642 W.	Brown Sandy Shale	1183
Dark Shale	650	Bottom	Finished 11/27/34.
Lime	666 B.		
Black Slate	670		
Lime	686		
H. S.L.M.			
Sandy Lime	698		
White Shale	710		
Gray Shale	794		
Sand	809 H.F.W.		
Black Shale	820		
Lime	825		
Light Shale	834		
Lime	839		
Sandy water			
Gray Shale	842		