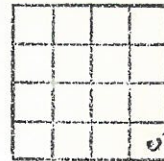


Company- NORTHWESTERN DRILLING  
 Farm- Carlson No. 1

SEC. 34 T. 15 R. 4W  
 SE SE SE

Total Depth. 3607  
 Comm. 5-21-51 Comp. 6-13-51  
 Shot or Treated.  
 Contractor.  
 Issued. 5-17-52

County Saline  
 KANSAS



CASING:  
 8" 328' cem 250 sx.

Elevation. 1315

Production. dry

Figures indicate Bottom of Formations.

shale, shells	280
lime	290
lime, shells	330
anhydrite, lime, shale	390
shale, shells	540
lime, shale	895
shale	1330
shale, shells	1615
shale, lime	1825
lime	1925
lime, shale	2360
lime, brkn, shale	2485
lime, shale	2685
lime	2750
lime, shale	3035
lime	3180
shale	3405
lime, shale	3441
lime	3570
lime, shale	3590
sand simpson	3607
Total Depth	

Tops: Scout.	
Mississippi	2948
Kinderhook	3180
Hunton	3265
Maquoketa shale	3402
Maquoketa dolomite	3437
Viola	3447
Simpson dolomite	3592

2948	3265	3592
	1315	1315
	<u>2050</u>	<u>2277</u>
	3447	
	1315	
	<u>2132</u>	