

Plotted NO. 11 COUNTY Cowley 21-33-3E

20" 10"  
 15 1-2 8 1-4  
 12 1-2 6 5-8  
 5 3-16

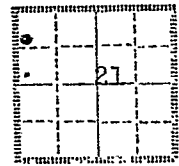
FARM E. Nelson  
 COMPANY Waite Phillips.  
 CONTRACTOR  
 COMMENCED

COMPLETED

TOTAL DEPTH 3229

SHOT QUARTS BETWEEN

CORRESPONDENCE REGARDING THIS WELL SHOULD BE REFERRED TO Waite Phillips.



Winfield, Kansas.

ELEVATION

FIGURES INDICATE BOTTOM OF FORMATIONS.

INITIAL PRODUCTION 160 bbls.

REMARKS

Formation	Depth	Formation	Depth.
sand	40	shale	1640
lime	50	lime	1660
shale	70	shale	1720
lime	120	sand	1760
shale	160	shale	1770
lime	180	lime	1790
shale	200	shale	1860
lime	320	red rock	1880
shale	35-	shale	1920
lime water	360	red rock	1935
red rpe <sup>1</sup>	380	lime	1950
lime water	428	shale	2150
shale	425	sand	2260
red rock	460	shale	2360
lime	540	lime	2370
shale	560	sand	2390
red rock	595	shale	2570
lime	630	lime	2625
shale	665	shale	2675
lime	700	lime	2695
shale	720	shale	2720
lime	730	lime	2780
shale	740	shale	2785
lime water	770	lime	2865
shale	785	shale	2867
lime	890	lime	2875
shale	820	shale	2940
lime	840	lime	3040
shale	950	shale	3075
lime	960	lime	3090
shale	995	shale	3110
lime	1020	lime	3125
shale	1040	shale	3250
lime	1070	lime	3160
shale	1090	shale	3180
lime	1220	red rock	3185
shale	1240	shale C.M.	3200
lime	1280	Gas	3207
shale	1290	Oil	3210
lime	1330	sand	3229.
shale	1360		
lime	1590		
shale	1400		
sand water	1425		
shale	1440		
lime water	1500		
shale	1525		
lime	1600		