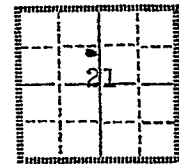


21-33-3E

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

FARM *Ke Nelson*
 COMPANY Waite Phillips Company.
 CONTRACTOR
 COMMENCED

NO. 3 COUNTY Cowley



TOTAL DEPTH SHOT QUARTS BETWEEN

CORRESPONDENCE REGARDING THIS WELL SHOULD BE REFERRED TO Waite Phillips Co.

Winfield, Kansas.,

ELEVATION'

FIGURES INDICATE BOTTOM OF FORMATIONS.

INITIAL PRODUCTION 365 Bbl.

REMARKS

Plotted



Formation	Depth	Formation	Depth	Formation	Depth.
		shale	1115	shale	2385
sand	30	lime	1132	sandy lime	2400
lime	40	shale	1141	shale	2587
shale	90	lime	1153	sandy lime	2635
red rock	95	shale	1185	shale	2670
lime	100	lime	1210	sandy lime	2730
shale	175	shale	1215	shale	2760
lime	185	lime	1225	lime	2835
shale	240	shale	1235	sand	2860
lime	315	lime	1240	shale	2870
shale	320	shale	1275	shale	2930
red rock	325	lime	1287	shale	2950
lime	335	shale	1315	lime	2975
shale	345	lime	1345	shale	2980
lime	360	shale	1370	lime	3020
shale	370	lime	1400	shale	3025
lime water	415	shale	1480	lime	3030
shale	420	lime water	1560	shale	3035
red rock	428	shale	1585	lime	3045
lime	437	lime	1600	shale	3052
shale	455	shale	1605	lime	3060
lime	473	lime	1615	shale	3215
red rock	478	shale	1620	S.L.M.	
shale	485	lime	1660	sand	3242
lime	555	shale	1710	chat	3244
shale	565	sand HFW	1745	1st oil	3220
red rock	585	shale	1750	1st oil	3228
shale	610	lime	1770		
lime	633	sand water	1780		
shale	656	lime	1795		
lime	682	shale	1840		
lime	720	lime	1855		
shale	765	shale	1885		
lime	800	red rock	1910		
shale	840	lime	1915		
lime	852	shale	1925		
shale	885	lime	1980		
shale	895	shale	2145		
lime	900	lime	2150		
shale	990	sandy shale	2175		
lime water	1010	sand HFW	2270		
shale	1035	shale	2370		
lime	1040	lime	2380		