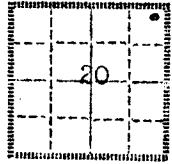


10"  
8 1-4  
15 1-2 3 5-8  
12 1-2 5 3-16

FARM Nelson  
COMPANY Waite Phillips Co.  
CONTRACTOR  
COMMENCED

NO. 9 COUNTY Cowley

**Printed**



TOTAL DEPTH 3209

SHOT QUARTS BETWEEN

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

ELEVATION

INITIAL PRODUCTION 550 Bbls.

Winfield, Kansas,  
FIGURES INDICATE BOTTOM OF FORMATIONS.

REMARKS

Formation	Depth	Formation	Depth	Formation	Depth.
soil	52	lime	875	slate	1825
shale	60	shale	890	lime	1830
lime	75	lime	895	slate	1845
shale	80	sandy shale	910	lime	1860
lime	90	shale	1080	slate	1890
shale	105	lime	1085	red rock	1900
lime	130	shale	1105	shale	1915
shale	140	lime	1120	lime	1925
lime	200	shale	1170	shale	2140
shale	225	lime	1180	lime	2150
red rock	225?	shale	1200	lime	2155
lime sandy	250	lime	1210	shale	2200
shale	2 70	shale	1240	sand HFW	2254
lime	295	lime	1250	lime	2260
shale	310	shale	1270	shale	2300
lime	340	lime	1285	lime	2320
shale	350	shale	1300	shale	2420
red rock	360	lime	1310	lime	2435
lime	380	shale	1330	shale	2500
sandy lime	415	lime	1340	lime	2520
shale	425	shale	1350	shale	2580
shale	450	sandy shale	1360	lime	2595
lime	470	shale	1370	sand	2625
shale	480	lime	1380	shale	2640
lime	505	shale	1430	lime	2670
shale	510	lime	1470	shale	2685
lime	535	sandy lime	1485	sand show oil	2700
shale	540	lime	1525	shale	2715
red rock	5 70	shale	1535	lime	2760
shale	580	lime	1600	shale	2770
lime	595	shale	1610	lime	2855
shale	615	lime	1640	shale	2860
lime	620	shale	1650	lime	2885
shale	640	sandy lime	1655	shale	2900
lime	660	shale	1670	log no good to top of sand	
sand	665	lime	1705	sand	3182
lime	700	sand HFW	1720	oil	3192
shale	720	lime	1730	sand	3209
lime	745	shale	1735	chat	
shale	765	sand	1740		
lime	775	shale	1742		
shale	785	lime	1750		
lime	800	shale	1755		
shale	820	lime	1755		
lime	830	shale	1770		
shale	870	sand	1780		