

CASING RECORD

LOCATION 900' S of Well 17 & 500' E of
Well #15 NW $\frac{1}{4}$

SEC 21 T 33 R 3 E

10" 1887 FARM E. Nelson NO. 18 COUNTY Cowley
20" 41 8 1-4 2230 COMPANY White Phillips Company
15 1-2 315 6 5-8 2948 CONTRACTOR
12 1-2 102 3 3-13 203 COMMENCED 1-27-26 COMPLETED 4-7-26
TOTAL DEPTH 3229 SHOT QUARTS BETWEEN



CORRESPONDENCE REGARDING THIS WELL SHOULD BE REFERRED TO Waite Phillips Co.,
Winfield, Kansas, ELEVATION

FIGURES INDICATE BOTTOM OF FORMATIONS.
REMARKS

INITIAL PRODUCTION 100 lbs.

Formation	Depth	Formation	Depth	Formation	Depth
quick sand	35	lime	1225	shale	2613
shale	55	shale	1230	sand	2615
lime	65	lime	1235	shale	2635
shale	105	shale	1265	sandy lime	2655
lime	125	lime	1270	sand	2695
shale	160	shale	1300	shale	2740
lime	165	lime	1335	Gyp rock	2775
slate	180	shale	1340	lime	2818
lime	195	lime	1360	shale	2820
shale	210	shale	1365	lime	2850
lime	310	lime	1390	Gyp rock	2860
shale	315	shale	1425	shale	2937
red rock	320	lime (Water)	1500	lime	2948
lime	330	shale	1510	shale	2955
shale	350	lime	1555	lime	2965
red rock	355	shale	1565	sandy shale	2975
lime, (Water)	400	lime	1635	lime	3000
shale	405	shale	1645	shale	3015
red rock	415	lime	1650	lime	3027
lime	430	shale	1635	shale	3030
shale	450	sand	1740	lime	3045
lime	535	lime	1750	shale	3175
red rock	545	shale	1825	red rock	3180
sandy lime	555	lime	1830	shale	3208
red rock	565	shale	1865	sand	3229
shale	615	red rock	1890	TOTAL DEPTH 3229	
lime	650	lime	1905	(1st gas 3202. 1st oil)	
shale	655	shale	1910	(3214')	
lime	735	lime	1920		
shale	745	shale	1970		
lime	755	lime	1975		
shale	760	shale	2130		
lime	785	lime	2140		
shale	875	shale	2165		
lime	885	sandy shale	2175		
shale	895	sand (HFW)	2200		
lime	905	shale, drk	2215		
shale	920	shale	2220		
lime	945	sandy lime	2230		
shale	955	sand	2260		
lime	995	shale	2360		
shale	1020	lime	2365		
lime	1025	shale	2380		
shale	1060	lime	2395		
lime	1070	shale	2425		
shale	1105	lime	2430		
lime	1125	shale	2535		
shale	1140	shale	2580		
		sandy lime	2610		