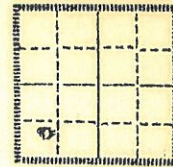


10" 1498 FARM Koogler NO. 73 COUNTY Butler
 20" 8 1-4 2163 COMPANY Empire Gas & Fuel Company.
 15 1-2 631 6 5-8 2445 CONTRACTOR
 12 1-2 900 5 3-16 2523 COMMENCED 10-8-26.
 TOTAL DEPTH 2559 SHOT COMPLETED 11-15-26.



CORRESPONDENCE REGARDING THIS WELL SHOULD BE REFERRED TO Empire Gas & Fuel Co.,
 Oil Hill, Kansas. ELEVATION

FIGURES INDICATE BOTTOM OF FORMATIONS.
 REMARKS 1/22/27.

INITIAL PRODUCTION 97½ bbls.

Formation	Depth	Formation	Depth	Formation	Depth
gravel	16	sand	8??	sand	2153
lime	46	water sand 7 BW	875	shale	2160
red rock	51	water sand	890	shale	2255
shale	55	shale	910	blue shale	????
lime	60	lime	925	shale	2365
shale	80	shale	940	shale	2442
red rock	85	lime	945	lime	2445
shale	90	shale	1015	red rock	2456
sandy lime	115	shale	1025	cherty lime	2475
shale	120	lime	1070	Wilcox sand	2481
red rock	125	shale	1075	white sand	2499
lime	135	lime	1095	sand	2516
shale	140	shale	1120	red rock	2521
lime	150	lime	1130	sand	2532
shale	160	shale	1175	green shale	2549
lime	165	lime	1190	Top siliceous lime	2549
shale	245	shale	1200	lime	2550
lime	255	lime	1205	silicious lime	2559
shale	265	shale	1210		
lime ¼ BW 265-70'	290	lime	1240		
shale	320	shale	1250		
lime	340	lime	1295		
shale	345	shale	1330		
lime	355	lime	1375		
shale	375	shale	1385		
lime	400	lime 1 BW PH	1400		
shale	430	shale	1450		
lime	435	sandy shale	1455		
shale	440	water sand HFW	1495		
sandy shale	470	shale	1497		
shale	565	lime	1499		
sandy shale	580	shale	1550		
sandy lime	590	sandy shale	1565		
sand HFW	610	lime	1580		
shale	631	shale	1597		
lime	634	lime	1612		
shale	660	shale	1660		
lime	665	lime HFW 1750	1810		
shale	670	sandy lime	1825		
lime	675	shale	1830		
shale	700	lime	1850		
lime 3 BW 710-20'	725	shale	1965		
shale	730	lime	2030		
lime	780	sandy lime	2040		
shale	785	lime	2065		
lime	788	shale	2075		
shale	793	shale black soft	2085		
lime	798	lime light hard	2115		
shale	830	lime	2120		
sandy shale	845	shale	2145		