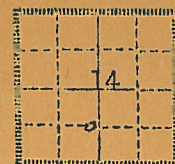


10" 478 FARM Leffingwell NO. 3 COUNTY Elk
 20" 81-4 806 COMPANY Southwestern Gas Company.
 15 1-2 6 5-8 1336 CONTRACTOR Martin and Company.
 12 1-2 18 5 3-16 COMMENCED Aug 29, 1925 COMPLETED Sept 25, 1925
 TOTAL DEPTH 1363 SHOT QUARTS BETWEEN
 CORRESPONDENCE REGARDING THIS WELL SHOULD BE REFERRED TO Southwestern Gas Co.
 Independence, Kansas., ELEVATION
 FIGURES INDICATE BOTTOM OF FORMATIONS.
 REMARKS INITIAL PRODUCTION 90 bbls.



Formation	Depth	Formation	Depth.
soil	3	lime shell	890
clay lime shells	8	lime hard	896
shelly lime	14	shale muddy	915
lime hard	18	shale sandy	930
lime shells	32	lime	935
shale white	38	shale dark	960
lime hard and white	70	gas water	
shale dark	73	shale light	982
lime hard	76	shale gritty	1068
shale dark	80	lime shells	1072
shale light	87	shale	1095
red rock	95	sand	1108
blue shale shells	105	gas	
shale muddy	134	shale gas	1121
lime grey	155	lime hard	1141
shale dark	165	gas struck @ 1117 to 1121	
shale light	195	sand hard	1152
shale muddy	231	lime quite firm	1170
lime hard	234	shale light	1175
shale muddy	244	sandy lime	1186
shale real sandy	254	shale light muddy	1221
shale dark	258	Struck gas @ 1153	
sandy shale	263	lime hard white	1250
sand hard	273 LBW	Gas @ 1260	
sandy shale	290	soft sandy lime	1288
light shale	300	lime hard	1321
shale light	310	shale light	1325
lime hard	335	lime	1348
break	338	lime sand light	1350
lime	355		
shale	363	GOOD SHOWING OF OIL AT 1350	
sand brown	368	little gas at 1349	
shale sandy	385	lime sand brown	1363'6"
lime pink	388	T.D.	
shale	411		
2 BW per hour from 385 to 388			
lime	414		
shale	457		
sand hard	478		
3 bailers water per H.-467-477			
shale	550		
shale sandy	604		
sand hard	614		
shale	641		
lime	643		
water 664 to 670			
shale sandy	662		
sand	695		
shale sandy	735		
shale muddy	804		
gas 815 to 827			
big lime	885		