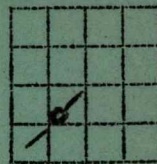


Company - CROMWELL & LEWIS
Farm - Alley No. 1.SEC. 24 T. 27 R. 5 E
SW NE SWTotal Depth. 3167'
Comm. 9-19-44 Comp. 10-28-44
Shot or Treated.
Contractor. I.W. Murfin
Issued. 11-11-44County. Butler
KANSASCASING:
10" 1520' P
8 1/4" 2447' P

Elevation. _____

Production. Dry

Figures Indicate Bottom of Formations.

cellar	7	sand(2BWPH 855-60)	860	lime	2365
lime	17	shale	872	shale	2385
shale	25	lime hd	880	shale dk	2395
lime	50	lime wh	890	shale lgt	2405
shale	65	lime	925	shale sdv	2444
lime	75	lime sdv	930	shale(HFW 2405-10)	2447
shale	80	shale	945	lime	2460
lime	105	lime shell	947	shale	2470
shale	120	shale	975	lime	2474
red rock	125	lime buff xlyn	1000	shale	2485
lime	130	shale	1025	shale sdv	2505
shale	135	lime	1052	lime brkn	2520
lime	145	shale	1057	shale sdv	2530
shale	150	lime	1068	shale	2540
clay red	155	shale	1075	lime	2558
lime	190	lime	1088	shale	2565
shale	200	shale	1160	lime	2569
red rock	205	lime	1215	shale	2585
shale	215	shale	1230	lime	2588
lime	225	lime	1245	shale	2605
shale	235	shale	1275	shale blk	2640
lime	250	lime	1285	shale	2645
shale	260	shale	1290	lime	2655
lime	270	lime	1300	shale wh	2680
shale	285	shale G.	1310	shale	2720
lime	295	lime, hole caving	1325	shale green	2745
shale L.	305	shale	1330	shale various colors	2760
shale green	310	lime	1345	Miss. lime	2765
lime	320	shale	1355	lime	2795
shale	335	lime	1372	shale(1BWPH 2780-85)	2825
lime(1 1/2 BWPH 335-45)	345	shale	1375	rainbow of oil 2786-94	
shale	360	lime	1385	lime	2910
lime	380	shale	1390	wtr sand	2915
shale	420	lime	1395	lime(1BWPH 2915-25)	3055
lime	435	shale	1400	(1BWPH 3020-30)	
shale	440	lime	1445	lime&green shale brks	3077
lime	455	shale	1490	shale blk	3095
shale	465	lime, hole caving	1520	shale	3153
lime	475	lime	1545	reduced hole @ 3146	
shale	510	shale	1555	sand(HFW 3161-67)	3167
lime	510	lime (1BWPH 1540-45)	1575	Total Depth.	
shale	520	shale	1585		
shale	525	shale sdv	1615		
lime	530	shale	1645		
shale	575	lime sdv	1660		
lime	585	shale	1730		
shale	610	lime	1735		
red rock	615	shale	1750		
shale	625	lime	1770		
lime	630	shale	1825		
shale maroon	635	lime (1BWPH 1940-45)	1990		
shale	655	shale(4BWPH 2165-75)	2155		
lime	660	lime chert	2165		
shale-shells	690	lime	2175		
shale	750	no log	2180		
lime	755	lime	2270		
shale	790	shale	2280		
shale-shells	830	lime	2300		
lime	835	shale blk	2302		
lime hd	855	lime	2340		
		shale	2345		

Tops: K. C. 2164
Miss. 2760
Viola 3153