

C. L. CARLOCK,
Hartenbower No. 1

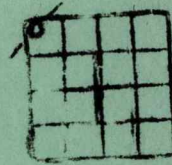
Sec. 16 T. 29 R. 6E.
NWc NW

Total Depth. 3257
Comm. 3-14-39 Comp. 4-24-39
Shot or Treated 30 qts 2485 to 2505
Contractor. Saco Oil Co.
Issued. 5-13-39

County - Butler.

CASING.

15 $\frac{1}{2}$ " 359'
12 $\frac{1}{2}$ " 1130
10" 1765
8 $\frac{1}{2}$ " 2409'
UR 2523'4"
7" 2819'



Elevation.

Production. DRY.

Figures Indicate Bottom of Formations.

clay rock	30	shale light	835	lime sdy	2225
slate white	35	lime hard	855	lime white	2295
lime	45	slate	875	slate blk	2315
slate	50	sdv broken lime	895	lime	2338
lime	65	sand shale	905	shale	2368
slate	75	shale	920	shale blk	2375
lime	95	lime	925	shale white	2382
shale	100	shale	950	slate blk	2405
lime sdy	120	lime	955	lime	2413
red rock & shells	130	shale	965	slate	2435
shale blue	145	slate	970	shale grey	2457
slate blue	150	lime	1005	broken lime	2465
slate and shells	175	slate shells	1015	lime hard	2470
lime	185	lime	1020	lime	2473
shale and shells	220	slate	1025	shale blue	2476
slate and shells	240	lime	1038	sdv shale	2490
lime	280	sdv shale	1090	sand and oil	2501
red rock	285	shale blue	1105	sdv lime	2505
shale blue	300	lime	1150	sand	2530
slate	305	shale	1155	lime	2545
lime	310	lime	1160	slate	2555
slate	320	shale blue	1170	lime	2575
lime	330	lime	1205	slate	2580
slate and shells	358	slate	1220	lime	2615
lime	361	lime	1225	shale	2715
red rock	375	shale	1260	slate white	2750
lime	380	lime	1287	shale	2767
shale blue	385	shale	1290	sand	2776
lime	400	lime hard	1300	shale	2804
slate	410	lime	1320	sand light	2808
lime	420	slate white	1330	slate light	2810
slate and shells	465	lime	1350	lime dark grey	2819
slate white	475	slate shelly	1375	lime	2825
shale white	510	shale	1400	lime blk	2855
lime shells	515	shale blue	1425	shale blk	2865
shale blue	530	shale	1455	lime	3140
slate	535	lime	1480	shale	3155
lime	540	slate blk	1490	slate blk	3175
slate and shells	575	slate white	1505	shale	3195
red rock	580	shale light	1512	shale brown	3245
slate	595	lime	1528	slate	3249
lime	600	shale	1570	Arbuckle lime	3257
slate	615	lime	1575	T.D.	
shale blue	625	shale and shells	1585	OIL & GAS SHOW.	
red rock	635	slate white	1622	small oil 2125-2135	
shale blue	685	sand	1640	show of gas 2150	
lime	695	sdv shale	1660	sand & oil 2490-2501 hole	
slate	705	sand	1665	filled 37' oil in 3 hrs.	
lime	720	shale	1750	sdv lime 2501-2505 8" hole	
slate and shells	745	slate	1762	filled 120' overnight 14 hrs	
lime	750	lime	1960	shot 30 qts 2485-2505 Hole	
slate	775	shale blk	2005	made 3 BO in 8 Hr.	
lime	795	slate blk	2015	WATER	
shells	800	lime hard	2045	2 BWPHR 260	2 $\frac{1}{2}$ BWPH 1875-85
shale blue	820	sdv shale	2060	1 BWPHR 890'	HFW 3005
shell	822	shale	2125	1/2 BWPH 1287	HFW 3255
shale blue	825	lime	2185	2 BWPHR 1635 Top Mississippi	
				2 BWPHR 1665	lime 2810