

Company: H & R Oil Company
 Farm: B. C. Fugate
 Well No.: 1
 Location: Lee County
 8750' N. of 36°35') approximate
 3900' E. of 83°25')
 Elevation: 1450' ±
 Total Depth: 1494'
 Drilling Commenced:
 Drilling Completed:
 Result: Oil well

DRILLERS LOG

<u>Formation</u>	<u>Top (feet)</u>	<u>Bottom (feet)</u>
Drift soil	0	15
Lime shells and gumbo mud, gray, hard	15	36
Lime shells, dark-gray, hard	36	50
Lime, light red, hard	50	54
Pulled 36' of 10" csg.; ran 54' of 10"		
Lime shells and shale, dark-gray, medium-hard	54	75
Lime shells and shale, brown and gray, hard	75	89
Shells and shale, brown and gray, hard	89	104
Shale and shells, gray, hard, " <u>Clinton</u> "	104	112
Shale, gray, hard, " <u>Clinton</u> "	112	124
Shale, gray, hard, " <u>Clinton</u> "	124	131
Shale, gray, hard, " <u>Clinton</u> "	131	150
Shale, gray, hard, " <u>Clinton</u> "	150	156
Lime, light-gray, medium-hard	156	234
Unrecorded	234	405
Lime and shale, dark-gray, medium-hard	405	425
Lime, gray, hard	425	443
Lime, dark	443	455
Lime and shale, dark	455	467
Lime, gray, hard	467	488
Lime, gray and dark	488	503
Lime, dark	503	517
Lime, gray, hard	517	541
Lime, gray	541	553
Lime	553	569
Lime, dark-gray, hard	569	592
Lime and shale	592	610
Lime, gray	610	625
Lime, gray	625	647
Lime	647	679
Lime, gray, hard	679	698
Lime and shale ("Top of Trenton", 698')	698	729
Lime, gray, hard	729	749
Lime and shale	749	779
Lime, gray, hard	779	787
Corrected hole back from 787 to 759 (9-17-47)		759
8" casing, 759' 7"		

Lime, gray	759	767
?	767	783
Lime, gray, hard (oil and gas show, 791')	783	815
Lime, hard (small increase, 824')	815	829
Unrecorded	829	834
(Hole corrected 834' back to 822' (9-19-47)		822
Lime, gray, hard	822	834
Lime	834	850
Lime, hard	850	862
Lime, gray, hard	862	879
Lime	879	894
Lime, gray, hard	894	913
Lime	913	939
Lime, gray, hard (no increase in oil)	939	950
Lime, gray, hard	950	963
Lime, gray, hard (no increase in oil and gas 9-23-47)	963	977
No drilling 9-23-47 to 9-25-47)		
Unrecorded (well had 2½ bailers of oil 9-25-47)✓	977	984
Lime, gray, hard	984	1006
Lime	1006	1015
Lime, gray, hard	1015	1052
Lime	1052	1072
Lime, gray	1072	1091
Lime, gray, hard	1091	1117
Lime	1117	1128
Lime, gray, hard	1128	1152
Lime	1152	1166
Lime, gray, hard	1166	1200
Lime	1200	1215
Lime, gray, hard (trace of white bentonite, 1248')	1215	1248
Lime	1248	1264
Lime, gray, hard (gray bentonite, 1271')	1264	1271
Lime, gray, hard	1271	1281
Top of Eggleston, gray, medium	1281	
Lime, gray, hard	1281	1294
Lime, gray, medium	1294	1305
Lime, gray, hard	1305	1314
Lime, gray, hard	1314	1328
Unrecorded	1328	1339
Lime, gray	1339	1354
Lime, gray, hard	1354	1407
Lime, hard	1407	1418
Lime, gray, hard	1418	1451
Lime, gray, hard (oil, 1455' - steel line measure 1448' - 10-7-47)	1451	1464
Lime, gray, hard	1464	1470
Lime, ✓ <u>Lowville</u> , gray and brown, hard (oil, 8:45 to 9:45 P. M., 20 gal.; 9:45 to 11:45 P.M., 40 gal.)	1470	1474
Lime, gray, hard	1474	1481
Lime, gray and brown	1481	1483
Lime, gray and brown, medium-hard	1483	1494
Total Depth (10-10-47)✓		1494
10" casing, 54'; 8" csg., 759' 7"; 2" tubing, 1458'; 2" _____ nipple; 6' working barrel.		