

WELL LOG BUREAU, KANSAS GEOLOGICAL SOCIETY

Union National Bank Bldg., Wichita, Kansas

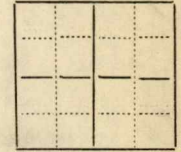
20-28-34E

LOCATION 260' S 260' W E 1/16" cor SW/4

SEC 20 T 28 R 4E.

CASING RECORD

10" 1328 FARM Jas. Love NO. 23 COUNTY Butler,
 8 1-4 1760 COMPANY Empire Oil & Ref. Co.,
 20" 82 15 1-2 740 6 5-8 CONTRACTOR
 12 1-2 5 3-16 COMMENCED 5/21/1919, COMPLETED 7/12/1919.



TOTAL DEPTH SHOT QUARTS BETWEEN

CORRESPONDENCE REGARDING THIS WELL SHOULD BE REFERRED TO

FIGURES INDICATE BOTTOM OF FORMATIONS

ELEVATION 117 bbls
 INITIAL PRODUCTION in 15 hrs.

DATE ISSUED

Formation	Depth	Formation	Depth
lime HFW	65	oil sand	1760
water sand	75	lime white hrd	1910
lime	195	slate white sft	1965
rock red	200	lime white hrd	1975
slate	220	slate white	2010
lime	250	lime	2015
slate	290	slate	2040
lime HFW	295	lime	2110
water sand	305	water sand HFW	2130
lime	380	lime	2165
slate black	390	slate	2180
lime	480	lime	2185
mud	485	slate	2190
lime	505	lime	2195
lime	515	slate	2200
slate	535	lime	2255
slate	565	slate	2325
slate	580	slate	2360
lime	600	lime	2400
lime	615	slate	2405
slate	635	lime	2410
lime	645	slate	2485
lime	655	chat	2488
slate HFW	700	brkn sand	2492
water sand	740	sand	2495 TD
Set 12 1/2" csg.			
slate	760		
slate	780		
lime	785		
lime	795		
lime	865		
slate	940		
sandy lime	965		
slate 3 BW	1045		
slate	1120		
lime brkn	1315		
Set 10" csg.			
lime	1330		
slate black	1335		
lime	1405		
lime	1505		
slate	1550		
cave	1560		
slate	1588		
oil sand	1593		
slate	1650		
slate	1685		

lime 1700
 lime 1710
 SIM ls 1767'
 brkn lime 1735
 slate 1750
 HFW up with oil & flowed
 July 12, 1919.