

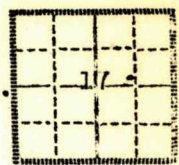
CASING RECORD

LOCATION 720' fr WL 330' fr SL

SEC 17 T 21R 4 E

(Cen EL SE SW NE)

10" 1480 FARM Wm. Waner NO. 4 COUNTY Marion
 20" 8 1-4 1940 COMPANY The National Refining Co.,
 15 1-2 127 6 5-8 2226 CONTRACTOR
 12 1-2 1072 5 3-16 2435 COMMENCED Aug. 24, 1926. COMPLETED Sept. 22, 26.



TOTAL DEPTH SHOT QUARTS BETWEEN

CORRESPONDENCE REGARDING THIS WELL SHOULD BE REFERRED TO The National Refining Company, El Dorado, Kansas.
 ELEVATION 1380

FIGURES INDICATE BOTTOM OF FORMATIONS.
 REMARKS 10/30/26.

INITIAL PRODUCTION 150 bbls.

Formation	Depth	Formation	Depth	Formation	Depth
clay surface	10	lime gritty	945	sand sharp dark	1945
lime yellow	40	slate white	955	slate blue	1950
clay	80	lime white	965	(Run 1940' of 8 1/4" csg.)	
red rock	85	slate blue	980	lime blue	1965
slate blue	90	lime white	990	lime white	1985
lime sandy	95	slate white	995	slate dark	2005
slate	100	lime white	1000	lime	2020
lime	115	slate blue	1005	slate blue	2025
slate blue	120	lime white	1010	lime white	2095
lime	125	slate white	1015	slate blue	2100
slate blue	130	slate green	1020	lime white	2120
(Run 127' 6" of 15 1/2" csg.)		slate blue	1040	shale black	2125
lime blue	150	slate white	1075	lime	2150
slate sandy	190	(Run 1072' of 12 1/2" csg.)		slate black	2180
lime sandy	200	lime white	1085	lime white	2190
lime white	215	slate blue	1125	slate white	2200
slate white	225	lime white	1130	lime white	2205
red rock	235	slate blue	1135	slate white	2220
slate blue	270	lime white	1145	sand light	2225
red rock	275	shale sandy light	1185	(Hole full water)	
slate (Lime shells)	315	(1 BW at 1150')		sand water SLM	2215
lime brown	330	slate blue	1200	lime	2220
red rock	335	(1 BW at 1125')		(Run 2215' of 6 5/8" csg.)	
lime brown	340	lime white	1240		
slate	360	shale dark	1250	sand	2225
lime	370	lime white	1260	slate blue	2255
shale blue	400	slate blue	1275	lime white	2260
slate white	425	lime white	1285	slate white	2265
lime white	435	slate dark	1295	lime white	2270
slate white	445	lime white	1320	slate white	2285
lime white	450	slate white	1325	lime white	2290
slate white	470	lime white	1335	slate drk	2300
red rock	480	slate blue	1345	lime white	2305
lime	500	lime white	1355	slate white	2310
slate dark	510	(3 BW at 1355')		red rock	2320
lime	515	shale dark	1360	slate blue	2335
slate blue	540	slate blue	1370	lime white	2338
lime white	555	lime white	1400	shale gray	2390
slate white	570	slate	1405	brown shale	2400
lime white	575	lime	1415	shale brown	2430
slate white	620	shale black	1420	(Run 2435' of 5 3/16" csg.)	
shale shells	660	lime white	1445	slate black	2441
slate white	675	shale gray HFW	1455	(S.L.M. 2436')	
red rock	680	sand	1480		
shale shells	700	(Run 1480' of 10" csg.)		sand	2442
slate shells	720	slate blue	1500	(Hole filled up with oil)	
red rock	730	lime white	1550		
shale white	750	shale drk	1555		
red rock	760	lime white	1570		
slate	775	(2 B. W. at 1570')			
lime	780	slate white	1630		
shale blue	800	shale sandy	1650		
(1 B. W. at 800')		(2 B. W. at 1635')			
sandy shale	810	slate blue	1720		
slate blue	875	lime white	1725		
lime white	880	red rock	1730		
slate white	885	slate blue	1740		
lime white	895	lime white	1755		
slate black	905	slate blue	1790		
lime white	910	lime white	1920		
slate blue	935	(12 B. W. at 1925')			
		sand sharp	1945		