

UNION NATIONAL BANK BLDG, WICHITA, KANSAS

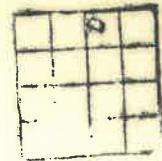
Location, NWC NW NE

Sec. 12 T. 17 R. 10W.

Casing Record.

County, Ellsworth.

10" Farm. Stratman No. 2
 20" 8" Comp ny. Derby Oil Co.
 15 1/2" 65/8" 3248 Contr. McPherson Drilling Co.
 12 1/2" 232 53/16" Comm. 8-23-33 Comp. 9-17-33
 Total Depth. 3270 Shot Quarts Between.
 Correspondence Regarding This Well Should Be Referred To.



Elevation.

Initial Production.

11 B. Per hr.

Figures Indicate Bottom of Formations.

Date Issued. 10-7-33

Formation	Depth	Formation	Depth	Formation	Depth.
surface clay	45	lime	2083	lime hard	3256
sand	60	shale	2115	Rainbow	
lime shells	75	broken lime	2135	lime soft	3260
sand	100	lime	2145	400' oil	
shale and red rock	145	shale	2160	lime soft	3264
lime shells	175	broken lime	2230	1050' oil in 5 hours.	
sand	210	shale	2242	lime hard	3266
shale	218	broken lime	2275	lime soft	3269
lime shells	220	shale	2290	lime very hard	3270
lime	240	lime	2295	T.D.	
shale	270	shale	2310		
broken lime	320	broken lime	2318	3264 -11 bbls per hr. for 6 hours off bottom.	
shale	420	shale	2328		
broken lime	470	lime	2348		
lime	530	shale	2375	3270 - 11 bbls per hr	
broken lime	623	broken lime	2405		
lime	633	shale sticky	2432	Coring Record.:	
shale	653	broken lime	2436		
broken lime	700	sdv shale	2452	3245-52 - 5' Rec.	
red rock	710	lime	2465		
broken lime	750	shale	2475	Acid Bottles ran 500,1000, 1500 & 2000' all O.K.	
shale	775	lime	2487		
broken lime	810	shale	2497		
shale	850	lime	2535		
broken lime	925	shale	2556		
shale	965	broken lime	2570		
salt	1185	lime	2578		
broken lime	1225	broken lime	2590		
shale	1250	lime	2637		
broken lime	1305	broken lime	2660		
lime	1325	lime	2686		
broken lime	1350	broken lime	2755		
lime	1360	lime	2818		
broken lime	1375	broken lime	2851		
shale	1397	shale	2905		
lime	1450	broken lime	2967		
shale	1470	lime	3007		
broken lime	1485	broken lime	3019		
shale	1493	lime porus	3047		
broken lime	1533	lime	3075		
lime	1545	S.L.M. O.K.			
shale	1565	broken lime	3099		
broken lime	1612	lime	3154		
lime	1626	broken lime	3158		
shale	1640	lime	3226		
broken lime	1662	red rock	3232		
shale sticky	1675	lime	3234		
lime	1755	broken lime	3242		
broken lime	1770	shale green	3244		
shale	1787	sdv green shale	3245		
lime	1795	Cored.			
broken lime	1830	sdv green shale-conglomerate	3248		
shale	1840	slight saturation Top 2"			
red rock	1855	lime	3252		
shale	1865	Slight saturation			
broken lime	1915	Rotary completed Sept 10, 1933			
shale	1945	Standardized Sept 16, 1933			
broken lime	2022	Rotary 3248 equals 3245 Cable tools S.L.M.			
lime	2032	lime hard	3249		
shale	2045	Reduced hole.			
lime	2050	lime hard	3252		
broken lime	2060	Trace oil			
shale	2071	lime hard	3254 Rainbow.		