

UNION NATIONAL BANK BLDG., WICHITA, KANSAS.

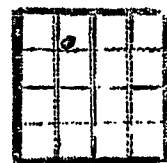
Location SW c NE NW

Sec. 11 T. 22 R. 10E

Casing Record

County- Greenwood

10" 1160'10" Farm- Shepherd No.12
 20" 8 1/2" 1738'11" Company- Independent Oil & Gas Co.
 15 1/2" 65/8" 2141'11" Contr.-
 12 1/2" 450'11 5/16" Comm.- 8-16-29 Comp.-9-6-29
 Total Depth 2184 Shot Quarts Between
 Correspondence Regarding This Well Should Be Referred to



Figures Indicate Bottom of Formations.
 Date Issued. 10-26-29

Elevation
 Initial Production 75 bbls.

Formation	Depth	Formation	Depth
soil sft	5	shale blk sft	2135
clay yellow sft	15	shale drk sft	2148
shell blue sft	30	oil sand sft	2176
shale blue sft	50	shale lgt sft	2184
shale blk sft	70		
lime wh hrd	80	Total Depth	2184
shale blue sft 4 BW	200		
sand wh sft	220		
shale blue sft	250		
lime wh hrd	270		
shale blue sft	310		
lime wh hrd	325		
shale blue sft	385		
lime wh hrd	395		
shale blue sft	455		
lime wh hrd	470		
shale lgt sft	540		
lime wh hrd	585		
shale blue sft	600		
lime wh hrd	610		
shale drk sft	645		
lime wh hrd	690		
shale blue sft	710		
lime wh hrd	720		
shale lgt sft	735		
lime wh hrd	745		
shale blue sft	770		
lime wh hrd	780		
shale blue sft	840		
lime wh hrd	848		
shale blue sft	870		
lime wh hrd	900		
shale blue sft	1085		
lime wh hrd	1100		
shale blue sft 7 BW	1130		
sand lgt sft	1145		
shale blue sft	1225		
lime wh hrd	1270		
shale blue sft	1275		
lime wh hrd	1350		
shale blue sft	1420		
lime wh hrd	1428		
shale blue sft	1470		
Oswego lime wh hrd	1655		
shale wh sft	1670		
lime wh brkn	1685		
shale blue	1735		
lime wh hrd	1740		
shale blue sft	1765		
lime wh hrd	1770		
shale blue sft	1775		
lime wh hrd	1780		
shale blue sft	1860		
lime wh hrd	1880		
shale blue sft	1900		
shale lgt sft	1915		
lime wh hrd	1920		
shale blue sft	2000		
lime wh hrd	2025		
shale blue sft	2120		