

Paul McIntyre
Applegate #1

Sec. 11 Twp. 10 Rge. 12W
County: Osborne, Kansas

Total Depth: 3013'
Comm: 4/20/43 Comp: 5/23/43

Casing
7" - Set at 3024'

Cement
90 Sacks

Formation	Depth	Formation	Depth
Soft Sand	330'	Hard Lime	1830'
Soft Shale	435	Cherty Lime	1955
Sand & Iron	515	Broken Lime	1980
Shale Shells Pyrites	645	Red Rock & Shale	2010
Red Rock	775	Broken Lime Shale Brks.	2045
Hard Gray Lime	780	Shale	2092
Lime	785	Shale Lime	2330
Shale & Soft Lime	855	Shale & Lime Shells	2425
Red Bed Shale Shells	1130	Shale Shells	2645
Shale & Shells	1160	Shale Lime	2680
Salt	1300	Broken Lime	2740
Shale Red Rock	1400	Lime & Shells	2860
Broken Lime	1450	Lime	2960
Anhydrite, Shale brks. Red Bed	1540	Shale & Lime	2990
Shale Iron	1605	Lime	3013
Shale	1645		
Broken Lime	1765		

State of Kansas)
) SS
Russell County)

I hereby certify that the above information is true and correct to the best of my knowledge.

W Roberts

Subscribed and sworn to before me this 1st day of June, 1943.



My Commission Expires July 2, 1945.

J. Mervin Lusk
Notary Public