County Clay

sec. 34 T. 53 R. 33

Owner Herndon, Ok. et.al.

Elev. 952.45 MGS#

Farm Thatcher No. 1 TD 1017 Shows gas Spls.

Status

Date Completed 11-2-37 Fm@TD LP?

Remarks:

00011

~~00005~~

Log of O. K. Herndon et al. Thatcher No. 1. Location: NW. 1/4 NW. 1/4 SE. 1/4 sec. 34, T. 53 N., R. 33 W., Clay County, Mo. Elevation: 952 feet. Completed November 2, 1927. Well No. 56 on map, Pl. I.

	Thickness, feet	*Depth, feet*
Recent series:		
Soil	12	12
Pennsylvanian system:		
Lansing group:		
Lime (2 B. W. at 45)	45	57
Shale	70	127
Kansas City group:		
Lime	38	165
Shale	10	175
Lime	10	185
Shale	35	220
Lime	15	235
Shale	10	245
Lime	5	250
Shale	5	255
Lime	15	270
Shale	6	276
Lime (Bethany Falls)	29	305
Shale	7	312
[illegible] (Hertha)	11	323
P[illegible]ton, Henrietta, and Cherokee groups:		
Shale	27	350
Lime	5	355
Shale	65	420
Red bed (soft and cavy)	7	427
Lime	3	430
Shale	74	504
Lime	8	512
Shale	3	515
Lime	3	518
Shale	17	535
Lime (8 B. W. at 540) (Lexington "Cap Rock")	8	543
Shale	7	550
Lime	2	552
Red bed (hard and sticky)	3	555
Dark shale (little gas at 565)	25	580
Light shale	50	630
Blue shale	27	657
Lime	2	659
Light shale (set 6¼" csg.)	141	800
Light shale	78	878
Dry sand (last 2 ft. of this sand was carrying lots of water, gummy and black)	67	945
Shale	33	978
Shale	19	997
Mississippian system:		
Lime	5	1002
Shale	7	1009
Lime	8	1017
		Total depth

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Vol. XXV, Second Series

1938

MISSOURI GEOLOGICAL SURVEY
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ROLLA, MISSOURI

H. A. BUEHLER, *Director and State Geologist*