County Clinton

sec. 15 T. 55 R. 30

Owner Messler Gas Co.

Elev. 1075 MGS#

Farm Brilhart, Glen No. 1 TD 1050 Shows oil g Spls.

Status

Date Completed 1931 Fm@TD Miss

Remarks:

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feet (697 feet below Bethany Falls and 680 feet below Hertha). The log of the well is as follows:

MESSLER GAS COMPANY.

Glen Brilhart Well No. 1.

SW. ¼ SW. ¼ sec. 15, T. 55 N., R. 30 W.
Drilled in 1931.
Elevation, 1,082 feet.

	Thickness, Feet.	Depth, Feet.	
Soil	2	2	
Clay, white	41	43	
Yellow clay and quick sand	22	65	Water.
Lime	18	83	(Plattsburg.)
Gray shale	14	97	
Lime	2	99	
Gray shale	4	103	
Gray shale	6	109	
Lime, hard	4	113	
Gray shale	3	116	
Dark shale	17	133	
Lime	2	135	
Gray shale	30	165	
Lime	5	170	(Iola.)
Gray shale	4	174	
Lime	7	181	
Gray shale	8	189	
Black shale	1	190	
Gray shale	10	200	
Lime	7	207	
Red bed	2	209	
Gray shale	16	225	
Lime	6	231	
Gray shale	28	259	
Lime	5	264	
Gray shale	13	277	
Lime	1	278	
Gray shale	4	282	
Lime	26	308	(Winterset.)
Black shale	4	312	
Lime	22	334	
Black shale	3	337	(Bethany Falls.)
Lime	14	351	(Hertha.)
Gray shale	9	360	
Red bed	4	364	
Gray shale	3	367	
Sand	18	385	
Sandy shale	40	425	
Gray shale	25	450	
Green shale	10	460	
Sand	5	465	Gas bubbles 464.
Sand and lime	10	475	
Sand	8	483	
Brown shale	7	490	

MESSLER GAS COMPANY—Continued.

	Thickness, Feet.	Depth, Feet.	
Gray shale	10	500	
Brown lime	8	508	
Sandy shale	17	525	
Lime	5	530	(Pawnee.)
Water sand	8	538	Water.
Lime	3	541	
Black shale	2	543	Water (Lexington coal horizon).
Broken lime	5	548	Set 6 ¼ casing.
Sandy lime	7	555	Light showing of oil.
Green shale	9	564	
Black shale	1	565	
Sandy shale (gray shale)	11	576	
Lime	5	587	
Sandy lime (white)	6	593	
Sandy shale	27	620	
Sandy lime	7	627	
Gray shale	15	642	
Sandy shale	8	650	
Gray shale	26	676	
Lime	2	678	
Gray shale	3	681	
Black shale	2	683	(Rich Hill)
Gray shale	3	686	
Lime	6	692	
Sandy shale	22	714	
Lime	3	717	
Red bed	1	718	
Gray shale	16	734	
Black shale	2	736	
Gray shale	11	747	
Lime	6	753	
Gray shale	27	780	
Dark shale, hard	25	805	Cavy.
Gray shale, shelly	122	927	
Lime	5	932	Light oil showing.
Sand, light	44	976	
Dark shale	4	980	
Sand	5	985	
Dark shale	2	987	
Lime	5	997	
Gray shale	7	1000	
Dark shale	37	1037	
Hard lime	13	1050	(Miss. lime) T. D.

Structure. The Lathrop dome is elongated in a northwest-southeast direction. There is a closure of at least 25 feet and a northeast dip of 62 feet.

Production. The initial open flow ranges from 75,000 to 200,000 cubic feet. The gas is piped into Lathrop.

MISSOURI
BUREAU OF GEOLOGY
AND MINES

BIENNIAL REPORT *of the*

STATE GEOLOGIST

TRANSMITTED BY THE
BOARD OF MANAGERS OF THE BUREAU
OF GEOLOGY AND MINES TO THE
FIFTY-SEVENTH GENERAL
ASSEMBLY, 1933

MDCCCXX

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