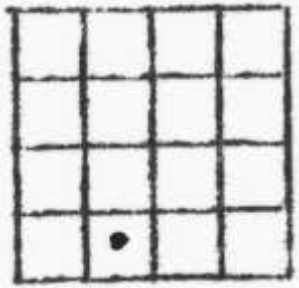
County Clinton



sec. 18 T. 55 R. 31

Owner Hammond, R.M.

Elev. 1007 MGS#

Farm Porter No. 8 TD 598 Shows gas* Spls. —

Status Date Completed 12-4-36 Fm@TD P

Remarks: *prod — 2,149 M.

00022

Hammond field HA008

The largest well completed in the period was in the Hammond pool east of Plattsburg in Clinton County which pool has been described in another report.[1] Although the Squirrel sand had been drilled when that report was issued, the new well is in a better location, structurally. Mr. Hammond has given permission to publish this log, which is as follows:

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[1]Greene, F. C., Oil and gas developments in Missouri in 1933-34: Missouri Geol. Survey and Water Resources, 58th Bien. Rept., State Geologist, App. III, pp. 10-11, 1935.

Log of R. M. Hammond No. 8 Porter, SE. 1/4 sec. 18, T. 55 N., R. 31 W., Clinton County, Missouri. Completed December 4, 1936. Located between Porter No. 3 and No. 4.

	Thickness feet.	Depth feet.
Quaternary:		
Dark soil	2	2
Yellow sandy clay—water	19	21
Pennsylvanian:		
Lansing formation:		
Lime	12	33
Dark blue shale	4	37
Lime	2	39
Dark shale	2	41
Lime	1	42
Gray shale	3	45
Lime	20	65
Gray shale	20	85
Lime hard	2	87
Light shale sandy	38	125
Kansas City formation:		
Lime	8	133
Light shale	1	134
Hard lime	2	136
Light shale	7	143
Lime	9	152
Dark shale	17	169
Lime	5	174
Shale	12	186
Lime	4	190
Gray shale sandy	24	214
Lime	9	223
Light shale	2	225
Lime	5	230
Light shale	15	245
Lime (Winterset)	25	270
Black shale—gas bubbles	8	278
Lime (Bethany Falls)	19	297
Shale dark—gas bubbles and a little water	2	299
Lime (Hertha)	15	314
Pleasanton formation:		
Light sandy shale—few gas bubbles at 333 feet	29	343
Lime	2	345
Gray sandy shale	60	405
Red bed	9	414
Green shale	10	424
Light shale sandy	13	437
Lime	1	438
Light shale	12	450
Lime	4	454
Henrietta formation:		
Gray shale	23	477
Lime	6	483
Light shale	4	487
Peru sand—gas 33,000 cu. ft	3	490
Dark shale	6	496
Lime	2	498
Dark shale—no gas	6	504
Lime	2	506
Black shale—little water	3	509
Gray shale	5	514
Light shale	6	520
Lime	3	523
Dark shale	8	531

R. M. Hammond No. 8 Porter—Continued.

	Thickness Feet.	Depth feet.
Lime	2	533
Light shale	2	535
Lime	2	537
Cherokee formation:		
Gray sandy shale	18	555
Sand—somewhat broken—gas	18	573
Sand—gas	17	590
Black sand—gas	5	595
Light sand hard—no increase	3	598
		Total depth
Gauges: at 555 feet	13,130 cubic feet	
at 570 feet	17,685 cubic feet	
at 575 feet	285,120 cubic feet	
at 580 feet	993,000 cubic feet	
when tubed	2,149,000 cubic feet	
Casing: 8¼″ at 23′, 6¼″ at 424′, 4 7 8″ at 514′.		

Stoddard County

STATE OF MISSOURI
GEOLOGICAL SURVEY AND
WATER RESOURCES

BIENNIAL REPORT *of the*

STATE GEOLOGIST

Transmitted to the

FIFTY-NINTH GENERAL ASSEMBLY

MDCCCXX

1937

H. A. BUEHLER
Director and State Geologist
ROLLA, MISSOURI

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NR.Ge
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