

C. Sept. 1930
F. Sept. 1930
For Cities Service.

34-15-18E

started & finished
Sept. 1930

Button Farm Well No. 1
Franklin County, Kansas
Section 34 Township 15 Range 18
Cities Service Gas Co.

NE cor. SE $\frac{1}{4}$

Initial Prod: 2,069,000 ^{dec 1075} cu ft gas
2,039,000

8'	Lime shell	8'	Platts mouth	130	Shale white	810
6	Yellow Clay	14		5	Red Rock	815
6	Sandstone	20		5	Shale light	820
3	Lime shell	23	Heebner	5	Shale & shells	825
17	Shale dark	40		6	Red Rock	831
	-Mud			4	Shale light	835
60	Shale light blue			5	Lime	840
		100		52	Shale dark	892
20	Sand white	120		5	Lime	897
40	Shale blue	160		5	Shale black	902
60	Sand Water	222		4	Lime	906 - ch
20	Shale light	240?		19	Shale light	925
5	Sand Water	245		50	Shale white	975
45	Shale dark	290		60	Shale dark	1035
35	Shale white	325	sandy	15	Shale light	1050
18	Shale blue	343	Top layer?	5	Shale dark	1055
19	Lime	362		5	Shale black	1060
3	Shale blue	365		8	Shale blue	1068
65	Lime Chalk	430		3	Shale white	1073
1	Shale light	10" 431		22	Shale dk. blue	1095
2	Shale light	432		15	Red Rock (pink shale)	1110
8	Lime grey	441?		5	Shale dark	1115
64	Shale white	505 - KC		10	Shale black 1 1/2"	1125
28	Lime grey	533		5	Shale dk. blue	1130
1	Slate black	534		15	Shale white 8"	1145
4	Lime grey	538		3	Shale sandy	1148
2	Shale brown	540		23	Sand Gas	1171
9	Lime grey	549			Total Depth	
15	Shale light	564	gray			
4	Red Rock	568				
12	Shale light	580				
12	Lime	592				
15	Shale dark	607				
25	Lime	632				
8	Shale dark	640				
22	Lime	662				
2	Slate dark	664	black			
4	Lime	668				
1	Shale light	669				
11	Lime	680	black?			

40 Ft. casing 12 1/2"
431 Ft. 10" casing
1145 Ft. 8" casing
Open flow test 2 1/4 million
Rock pressure 385 lbs.
(395)

Earl Smith, Contractor

T.D. 1170 2,039,000
R. 395#

Comm. 7-27-30
Comp. 8-28-30

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY

UNION NATIONAL BANK BLDG, WICHITA, KANSAS

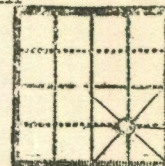
Location Center SE $\frac{1}{4}$

Sec. 34 T. 15 R. 18E

Casing Record.

County. Franklin

10" 431 Farm. Jesse Button No. 1
 20" 8 $\frac{1}{4}$ " 1145 Company. Cities Service Gas Company.
 15 $\frac{1}{2}$ " 65/8" Contr.
 12 $\frac{1}{2}$ " 53/16" Comm. 7-27-30 Comp. 8-28-30
 Total Depth 1171 Shot Quarts Between.
 Correspondence Regarding This Well Should Be Referred To.



Elevation.

Figures Indicate Bottom of Formations.
 Date Issued. 9-27-30

Initial Production.
 2,069,000 cu ft Gas.

Formation	Depth	Formation	Depth.
shell lime	8	red rock	815
clay	14	shale light	820
sandstone	20	shale and shells	825
shell lime	23	red rock	831
shale	40	shale light	835
shale blue	100	lime	840
sand white	120	shale dark	892
shale blue	160	lime	897
sand white water	220	shale dark	902
shale blue	240	lime	906 - ch
sand white water	245	shale light	925
shale dark	290	shale white	975
shale white	325	shale dark	1035
shale blue	343	shale light	1050
lime	362	shale dark	1055
shale blue	365	shale blk	1060
lime	430	shale blue	1068
shale blue	431	lime	1070
shale light blue	433	shale white	1073
lime grey	441	shale dark blue	1095
shale white	505 - KL	shale pink	1110
lime grey	533	shale dark	1115
slate blk	534	shale blk	1125
lime	538	water 1 $\frac{1}{2}$ BW	
shale brown	540	shale blue	1130
lime	549	shale white	1145
shale grey	564	shale white sdv	1148
red rock	568	sand blue grey	1171
shale blue	580	Gas T.D.	
lime	592		
shale dark	607		
lime	632		
shale	640		
lime	662		
slate blk	664		
lime	668		
shale light	669 -		
lime	680 - DKC		
shale white	810		