

CITIES SERVICE GAS COMPANY.  
Lehrling No. 1.

SEC. 19 T. 27 R. 11W.  
NE SW SW  
990' N 990' E of SW Cor.  
(Second Hole 60' South)

Total Depth. 4529 P.B. 4387  
Comm. 6-24-40 Comp. 8-8-40  
Shot or Treated  
Contractor, Corbett and Barbour Drlg. Co.  
Issued, 10-12-40

County Pratt.



CASING.  
FIRST HOLE  
10" 374' Cem.  
85/8" 633' Cem.  
SECOND HOLE  
85/8" 835' Cem.  
5 1/2" 4489' Cem.

Elevation.

Production, DRY.

Figures Indicate Bottom of Formations.

FIRST HOLE

Sand	179	cored limo (Rec 8 1/2')	4331
red bed	368	cored lime	4341
red bed shelly	374	cored lime	4352
red bed and shells	595	lime	4409
Drilled to 633 and com. 85/8"		lime shale and sand	4436
shale 595- 656		cored sand & shale (rec 6')	4445
Drilled to 685		shale	4466
plugged hole and skidded		lime and shale	4493
derrick 60' south.		shale	4519
		cored lime Rec 5'	4529
		Total Depth.	

SECOND HOLE

sand	165
red bed	510
sand and red bed	547
red bed and shells	715
shale and red bed	839
red bed	1020
shale	1194
shale and salt	1390
anhydrite	1415
shale and shells	1545
anhydrite	1600
shale and shells	1670
lime and shale	1768
brokon limo	1950
shale and shells	1988
lime and shale	2115
lime	2175
shale and lime	2405
shale and shells	2825
shale and lime	2944
shale and shells	3041
sdv lime	3125
shale and lime	3336
lime	3497
sdv lime and chert	3520
lime and shale	3551
lime and sand	3624
shale	3675
limo	3730
shalo	3734
limo and shalo	3782
lime	3849
limo and shalo	3900
lime	3935
lime and chert	4022
limo strks chert & shale	4063
lime and shale	4107
chert	4148
shale	4162
green and grey shalo	4177
limo and shale	4190
shalo	4234
limo and shalo	4255
shalo	4318
sand and chert	4321

Tops -

Lansing	3660
Mississippi	4107
Viola	4319
Simpson	4391
Arbuckle	4513
Penetration	
Arbuckle	16'

8-4-40 Halliburton drill stem test 4320-41  
made 350' mud with show oil and  
good show gas.

8-12-40 Perforated by Lane-Wells with 52 shots  
4402-42. 1000' water in 16 hours.

Plugged back to 4387

8-28-40 Perforated by Lane Wells with 48 shots  
4315-28. 250' water in 2 1/2 hours.

8-31-40 Perforated with 51 shots 4328-37

Acidized with 3000 gal 9-2-40

3500' water in hole.

Plugged and abandoned 9-12-40