

GEOLOGICAL DEPARTMENT  
SOUTHWESTERN GAS COMPANY

14-22-WE

INDEPENDENCE, KANSAS

LOG OF WELL

Company Empire Gas & Fuel Corp. Farm Kalleagon Well No. 42  
330' N and 330' E of the W 4 Corner  
 State Kansas County Greenwood S. 14 T. 22 R. 11  
 Commenced Drilling June 16, 1923 Completed July 24, 1923 Elev. 1200  
 Shot \_\_\_\_\_ Qts. from \_\_\_\_\_ to \_\_\_\_\_ I. P. \_\_\_\_\_ R. P. \_\_\_\_\_  
 Casing: 12 1/2" 150' Casing: 10" 970' Casing: 8 1/2" 1335'  
 Casing: 6-5/8" ??? Casing: 5-3/16" 1860' Casing: \_\_\_\_\_  
 Tubing \_\_\_\_\_ Caged at \_\_\_\_\_ Packer at \_\_\_\_\_  
 Contractor \_\_\_\_\_

Soil black soft	10	Slate blue soft	1355
Lime white	15	Lime white hard	1360
Shale soft	95	Shale dark	1420
Lime hard	110	late lite soft	1535
Slate soft	195	Lime white hard	1555
Lime blue	205	Slate lite soft	1590
Slate blue soft	295	Sandy Lime hard	1600
Lime blue hard	320	Slate soft	1620
Slate blue soft	345	Lime white hard	1625
Lime hard	350	Slate soft white	1690
Slate blue soft	360	Lime hard	1710
Sand white hard	390-15 b. w.	Slate lite soft	1725
Shale white soft	405	Sand white hard	1750-Wat 1730'
Lime white hard	410	Slate lite soft	1860
Shale blue soft	455	Oil Sand sot	1902
Lime white hard	469	Shale black soft	1903
Slate blue soft	500	Oil Sand Br.	1919
Lime white hard	510	1st oil at 1875'	
Slate blue soft	530	Best Pay from 1904-19-9	
Lime white hard	540	80 qts 1873-1914	
Soft blue slate	590		
Lime white hard	600		
Slate white	620		
Lime white hard	650		
Soft blue	660		
White hard	670		
lite soft	820		
Sand white hard	920		
Slate blue soft	935		
Slate blue soft	955		
White hard lime	1030		
Soft dark slate	1035		
White lime	1100		
Slate lite soft	1225		
Lime white hard	1235		
slate blue soft	1270		
Lime white hard	1345		
Slate blue soft	1355		

14-22-11E  
 plotted  
 L.R.

WELL LOG BUREAU, KANSAS GEOLOGICAL SOCIETY

719-720 Union National Bank Bldg., Wichita, Kansas

330' N 330' E X W 1/2

CASING RECORD LOCATION SEC 14 T 22 R 11 E.  
 10" 970 FARM Kellison NO. 2 COUNTY Greenwood

20" 8 1-4 1336 COMPANY

15 1-2 6 5-8 1860 CONTRACTOR

12 1-2 450 5 3-16 1860 COMMENCED June 26, 1923

COMPLETED July 26, 1923

	14

TOTAL DEPTH SHOT 60 QUARTS BETWEEN 1875-1914

CORRESPONDENCE REGARDING THIS WELL SHOULD BE REFERRED TO

ELEVATION 1200.35  
 76.8 bbls

FIGURES INDICATE BOTTOM OF FORMATIONS

INITIAL PRODUCTION

REMARKS

Formation	Depth	Formation	Depth
soil, black, soft	10	slate light, soft	1225
lime white, hrd	15	lime, white, hrd	1255
slate white soft	95	slate, blue, soft	1270
lime white hrd	110	lime, white, hrd	1345
slate blue soft	195	slate, blue, soft	1355
lime white hrd	205	lime, white, hrd	1360
slate white soft	295	shale dark soft	1420
lime white hrd	320	slate light soft	1535
slate white soft	345	lime white hrd	1555
lime white hrd	350	(maximum Hole casing)	
slate blue soft	360	slate light, soft	1590
sand white hrd	390	sandy lime, white, hrd	1600
(15 Bails water 360 to 390')		slate blue soft	1620
shale, white, soft	405	lime, white, hrd	1625
x lime, white, hrd	410	slate white, soft	1690
shale, blue, soft	455	lime, white, hrd	1710
lime, white, hrd	460	slate light, soft	1725
slate, blue, soft	500	sand, white, hrd	1780
lime, white, hrd	510	(4 bails water at 1730x)	
slate, blue, soft	530	slate, light, soft	1860
lime, white, hrd	540	Oil sand, brown, soft	1902
slate, blue, soft	590	shale, black, soft	1904
lime, white, hrd	600	(First oil at 1875')	
slate, white, soft	620	Oil sand, brown, soft	1919
lime, white, hrd	650		
slate, blue, soft	660		
lime, white, hrd	670		
slate, light, soft	820		
sand, white, hrd	920		
(Hole full water at 820')			
slate, blue, soft	935		
slate, blue, soft	965		
lime, white, hrd	1030		
slate, dark, soft	1035		
lime, white, hrd	1100		

Best pay 1904 to 1919.  
 Total Depth 1919'.