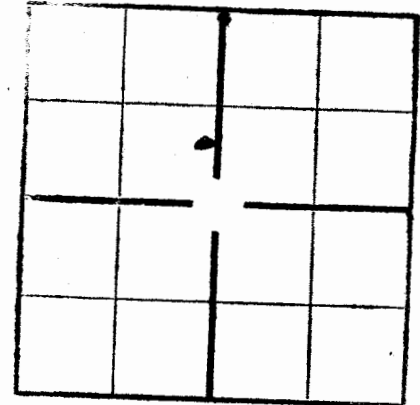


Butler County Kansas

Drilling commenced Feb. 20, 1920
 Drilling completed Apr. 23, 1920

Production - 1st 24 hrs. 300 bbls.
 2nd 24 hrs. 150 bbls.



Soil	10
slate	25
lime	35
gravel	40
slate	70
quick sand	100
slate	125
sand lime	140
slate	154
lime shells	170
slate	195
lime	270
slate	300
lime shells	350
slate	370
lime shells	420
lime	435
shells	470
lime	500
shale	530
gray lime	550
shale	570
dark slate	600
sandy shells	625
lime and shale	645
white slate	670
shale	700
limey shale	750
2 B.W.	750
broken lime	770
lime shells	788
lime	913
Water, little	900
shale	980
shelly lime	1000
lime hard	1020
shale	1030
shelly lime	1080
shale	1120
lime	1335
black slate	1345
lime	1400
shale	1410
lime	1620

Water sand	1540 -1550
shale	1650
lime and shale	1680
little water	1680
shale	1720
lime	1840
slate	1920
lime	1960
slate	1970
slate	1970
lime	2020
sand	2025
showing of oil	2020
lime	2070
sand	2080
showing of oil	2070
lime	2090
slate	2100
lime	2140
slate	2210
lime	2310
sand	2371
sand	2376

Csg. Rkd.

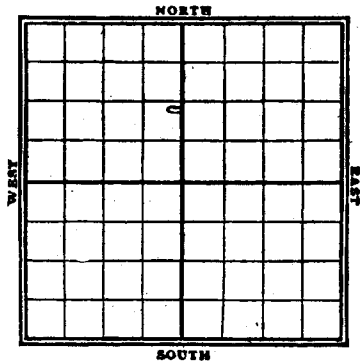
15 1/2"	55'
12 1/2"	883
10	1568
8 1/4	2036
6 5/8	2085

Map No. 29 Sec. 23 Twp. 4 R. 4Well No. 45 Ferrier Farm
Ohio Cities Gas Company

Ft. from N. Line

1120 Ft. from S. Line200 Ft. from E. Line

Ft. from W. Line



Date	REPORT	FIRST REPORT
1/20	Timbers	
27	Tools	
7/2	Tools	
9	Rig up	
16	Tools	
23	Oil 300'	
31	Def. 500'	
8	12 1/2 - 865	
15	Reg 1400	
26	- 1800	
29	- 1940	
4/12	- 2100	
24	W 2378	
29	1400	
5/3	2395-2402 160 lbs.	

Form 26-1M-4-19-Mid-West

Map No. K14 Sec. 29 Twp. 23 R. 4Well No. 5 Ferrier Company
Ohio Cities Gas

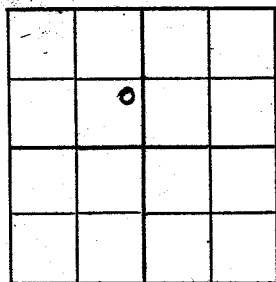
Contractor

SECTION PLAT

Ft. from N. Line

1120 Ft. from S. Line200 Ft. from E. Line

Ft. from W. Line

Location
Rig up
Drilling and Remarks:300' Oilchange
from No 4 to 5

RECORD

Cased _____ in., _____ ft.
Sand _____
Gas _____
Oil _____
Total Depth _____

PRODUCTION

1st 24 hrs. Nat. _____
1st 24 hrs. after shot _____
Gas _____ Cu. Ft.
Dry Hole _____
Abandoned _____

Date

2/23 1920

Scout

Map No. K14 Sec. 29 Twp. 23 R. 4Well No. 4 Ferrier Company
Ohio Cities Gas

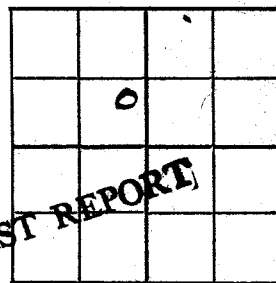
Contractor

SECTION PLAT

Ft. from N. Line

1120 Ft. from S. Line200 Ft. from E. Line

Ft. from W. Line



FIRST REPORT

Location

Rig up

Drilling and Remarks:

Timbers

RECORD

Cased _____ in., _____ ft.
Sand _____
Gas _____
Oil _____
Total Depth _____

PRODUCTION

1st 24 hrs. Nat. _____
1st 24 hrs. after shot _____
Gas _____ Cu. Ft.
Dry Hole _____
Abandoned _____

Date

1/20 1920Pyle Scout

Form 26-1M-4-19-Mid-West

Map No. K14 Sec. 29 Twp. 23 R. 4Well No. 5 Ferrier Company
Ohio Cities Gas

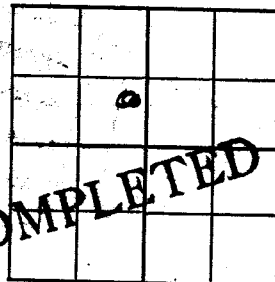
Contractor

SECTION PLAT

Ft. from N. Line

1120 Ft. from S. Line200 Ft. from E. Line

Ft. from W. Line



COMPLETED

Location
Rig up
Drilling and Remarks:

RECORD

Cased _____ in., _____ ft.
Sand 2395-2402
Gas _____
Oil _____
Total Depth _____

PRODUCTION

1st 24 hrs. Nat. 160 lbs
1st 24 hrs. after shot _____
Gas _____ Cu. Ft.
Dry Hole _____
Abandoned _____

Date

5/3 1921Pyle Scout