

Company Union Oil Co.

31-28-15E
Sec. 31 T. 28 R. 15

Loc.

County Wilson

Farm L. H. Porter

No. 4

Total Depth 1064'

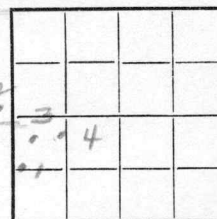
Comm. April 11, 1917

Comp. April 29, 1917

Shot or Treated

Contractor

Issued



Casing

20 in.	10 in. 17'
15 1/2	8 1/4 542'
12 1/2	6 5/8 922'
13 3/8	5 3/16
	6 1/4" 922'

Elevation

Production

Figures Indicate Bottom of Formation

soil	6	sand	768
clay	31	shale	775
shale	70	lime	795
lime	78	slate	803 Little water
shale	88	lime	813
lime	125	shale	828
shale W	200	lime	840
lime	216	shale	898
shale D	227	shale	1017
lime W	233	sand	1030 Little gas
shale	264	shale	1034
lime	282	sand	1040 Gas
shale W	301	sand	1046 Dead
lime	397 330- 3 bailers per hr	sand	1060 Oil
shale B	400 6 bailers water	slate	1064
sand	438		
shale	446		
lime	462		
shale	472		
lime	512		
slate	521 Water		
lime	529		
slate	540 8 1/4 - 542		
shale	570		
lime	574		
shale W	598		
lime	606		
shale	648		
sand	715 Water 4 bailers hr.		
lime	743		
slate	758		

Union Oil Co.
#4 L. B. Porter

31-28-14E
ORIGINAL

31-28-15E
(KGS-DRL)

Log of Well #4

L. B. PORTER FARM
Section 31?

Wilson Co. Kansas.
Township 28? Range 14E?
15E

* F O R *

Union Oil Company

Commenced spudding April 11, 1917
Finished drilling April 29, 1917

April 29, 1917

Drillers:

E. Brinegar

C. Donaldson

Tool Dressers:

E. Brinegar

Walter Koch

Page 1

10" casing 17 ft
8 1/4" casing 542 ft
6 1/4" casing 922 ft

6	Soil	6
26	Clay	31
29	Shale	70
8	Lime	78
10	Shale	88
37	Lime	125
25	Shale	200 - white
10	Lime	216
31	Shale	227 - Dark
6	Lime	233 - White
31	Shale	264
18	Lime	282
10	Shale	301 - White
06	Lime	307-330-3 bailers per hr
0	Shale	400 Brown 6 bailers
08	Sand	408 - water
8	Shale	446
16	Lime	462
10	Shale	472
40	Lime	512
9	Slate	521 - Water
8	Lime	520
11	Slate	540 - 8 1/4 - 542
30	Shale	570
4	Lime	574
24	Shale W	598
8	Lime	606
42	Shale	648
67	Sand	716 - Water. 4 bailers
24	Lime	743
10	Slate	828
	Sand	768

31-28-14E

15E

(KGS-DRL)

Union oil co.
4 L. B. Porter

Page 2

775	Shale	775	
795	Lime	795	
803	Slate	803	- Water
813	Lime	813	
828	Shale	828	
840	Lime	840	
898	Shale	898	
1017	Shale	1017	
1030	Sand	1030	- little gas
1034	Shale	1034	
1040	Sand	1040	- Gas
1046	Sand	1046	Dead
1060	Sand	1060	- Oil
1064	Slate	1064	

T. D. 1064