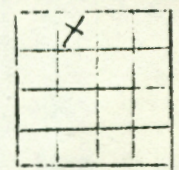


19-22-25E

STATE GEOLOGICAL SURVEY OF KANSAS

Well log



Location: Sec. 19, T. 22, R. 25e.  
 Farm Frank Fortman, No. 1, County Lincoln  
 Company \_\_\_\_\_  
 Contractor \_\_\_\_\_  
 Commenced \_\_\_\_\_ Completed \_\_\_\_\_  
 Total depth 445 Elevation \_\_\_\_\_  
 Initial production \_\_\_\_\_  
 Correspondence should be addressed to: \_\_\_\_\_

Frank Fortman # 1. ne 40 nw 1/4 Sec. 19-22-25 E.	
2 soil	2
16 sandy clay	18
10 sand rock	28
12 shale, blue	40
13 sand rock	53
20 light sandy sh.	73
blue shale	103
coal	105
sand gas	120 X
blue shale	130
lime	135
blk. slate gas	139 X
sand gas	162
blue slate	176
lime shale	182
lime hard	203
blk. slate gas	206 X
light shale	210
lime shale	215
light sandy shale	235
dark shale	245
light shale	253
sand gas	270 X
dark sh.	285
brown shale	310
lime	312
blk. slate gas	314 X
light shale	330
red rock	334
light shale	359
lime shells	371
dark broken sand	400
light shale	428
broken lime, sand	
gas sand	
and oil show	445

Mulk

For

From

F

Mulk

Sa

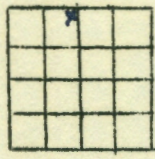
A

On

4/8  
24  
212

19-22-25E ✓

Location NE 40, NW 4



Sec. 19, T. 22, R. 25<sup>E</sup>

Farm Frank Fortman

No. 1

County Linn

Company Henderson

Commenced \_\_\_\_\_ Completed \_\_\_\_\_

Elevation \_\_\_\_\_ T.D. 445' I. P. \_\_\_\_\_

*See driller's log*

PLOTTED LOG ONLY

Company Claude Crowder

Farm Frank Fortman

No.

Sec. 19 T 22 R 25E

Loc. NE/4 NW/4

County Linn

Total Depth

Comm.

Comp.

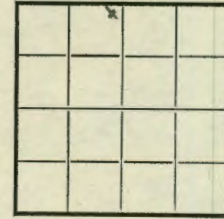
Shot or Treated

Contractor Henderson & Patterson

Issued

Casing

20 in.	10 in
15 1/2	8 1/4
12 1/2	6 5/8
13 3/8	5 3/16



Elevation

Production

*Clit From  
Claude Crowder*

Figures Indicate Bottom of Formation

2	Soil	2	
16	Sandy	18	
10	Sand Rock	28	
12	Shale Blue	40	
13	Sand Rock	53	
20	Shale Lt Sandy	73	
30	Shale Blue	103	
2	Coal	105	
15	Sand Gas	120	
10	Shale Blue	130	
5	Lime	135	
4	Blk Slate Gas	139	
23	Sand Gas	162	
14	Shale Blue	176	
6	Lime Shells	182	
21	Lime Hard	203	
3	Blk Slate	206	Gas
4	Lt Shale	210	
5	Lime Shells	215	
20	Light Sandy Shale	235	
10	Shale Dark	245	
8	Shale Light	253	
17	Sand Gas	270	Gas
15	Shale Dark	285	
25	Shale Brown	310	
2	Lime	312	
2	Blk Slate	314	Gas
16	Light Shale	330	
4	Red Rock	334	
25	Light Shale	359	
12	Lime Shells	371	
29	Broken Sandy	400	
28	Shale Light	428	
17	Broken Lime Sand Gas	445	Oil & Gas