

KEAS DRILLING COMPANY
Chanute, Kansas

Noakes N- 4 NE $\frac{1}{4}$ NW $\frac{1}{4}$ SEC. 29-28-20, Neosho County, Kansas

<u>No. Feet Strata</u>	<u>Formation</u>	<u>Depth of hole</u>	<u>Remarks</u>
2	Top soil	2	
12	Clay	12	
11	Sand rock	23	
8	Clay	31	Set 26' drive pipe
4	Lime	35	
3	Shale dark	38	
2	Lime	40	
3	Shale	43	
24	Lime shells	67	
36	Shale	103	
9	Lime	112	
20	Shale	132	
10	Lime	142	
23	Lime shells	165	
19	Shale	184	
10	Lime	194	
28	Shale	222	
40	Lime	262	
20	Shale dark	282	
29	Lime shells	311	
19	Lime	330	
9	Shale dark	339	
5	Lime	344	Set 6 $\frac{1}{4}$ at 358'
111	Shale	455	
2	Lime	457	
11	Shale dark	468	
12	Shale light	480	Light show of oil at 480'
9	Sand	489	
2	Coal	491	
26	Shale	517	
11	Oil sand	528	
3	Sand & coal	531	
19	Shale sandy	550	
2	Coal & shale	552	Plugged back to 527' Packer at 521' 20 sax cement outside 410' inside 526' fluid 240'

Well completed 4/3/54

Sandoil job: 5/18/54

105 bbls. crude- same field

5000 lbs. sand- fine

KEAS DONATION

SEPTEMBER 1991