

WELL LOG BUREAU KANSAS GEOLOGICAL SOCIETY  
412 Union National Bldg. Wichita, Kansas

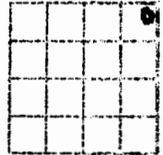
13-2-19W *Plotted*  
*Hardy*

Company - COOPERATIVE REFINERY ASSN.  
Farm Dusin No. 3

SEC. 13 T. 2 R. 19W  
NE NE NE

Total Depth. 3357'  
Comm. 3-29-47 Comp. 5-17-48  
Shor or Treated.  
Contractor.  
Issued. 6-5-48

County. Phillips  
KANSAS



Elevation. *2159 feet*

Production. Swab 10 bbls  
oil & 50 Bbls wtr

Figures indicate Bottom of Formations.

cellar	5
clay & sand	90
sand & shale	211
shale & shells	640
shale & lime shells	1280
sand	1410
red rock & shale	1710
shale & shells	2240
broken lime	2570
line	2605
lime & shale	2705
broken lime	2820
lime & shale	2890
line	2975
broken lime	3045
line	3220
shale & line	3280
line	3326 RTD
Lansing-KC limestone with cable tools	3357
Total Depth.	

TOPS:

Topeka	3006
Heebner	3221
Lansing-KC	3253

Acidized open hole with 3000 gals.  
acid, went into formation on vacuum,  
Recovered acid water and 11 B0 in 24  
hrs. Perf. casing 3253-59 with 12  
holes; Perf. 3270-77 with 16 holes;  
Perf 3207-10 with 6 shots. Acidized  
perforations with 6000 gallons.  
Acidized on vacuum. Swabbed 10 Ebls.  
oil and 50 bbls. acid water in 24 hrs.  
Lame-wells plug drilled to bottom.