

31-20-13W

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

Company - NEBRASKA-WYOMING OIL CO.  
Farm - Hays No. 1

SEC. 31 T. 20 R. 13W  
NE NE SE

Total Depth. 3630  
Comm. 3-9-49 Comp. 4-4-49  
Shot or Treated.  
Contractor. Sterling Drilling Co.  
Issued. 5-14-49

County. Barton  
KANSAS



Elevation. 1906 *Ind.*

Production. Dry

CASING:  
8 5/8" 600' cem w/350 sx., circulated  
5 1/2" 3589' cem w/75 sx.

Figures Indicate Bottom of Formations.

Kelly bushing	0
sand, clay	170
shale, shells	190
shale, shells and red bed	745
anhydrite	765
shale, red bed	890
shale, lime	1305
shale	1540
salt	1560
shale, shells	1575
shale, lime	1725
lime	1830
lime, shale	2210
lime	2240
lime, shale	2750
shale, shells	2875
shale, lime	2980
lime	3180
lime, shale	3285
lime	3591
RTD corrected to	3595'
lime	3605
lime, chert, shale	3616
lime	3630
Total depth	

Tops:  
Heebner shale 3177  
Lansing/K. C  
Brown Lime 3289  
White Lime 3301  
Conglomerate 3542  
Arbuckle Lime 3573

DST w/hole open from 3324 to 3354'.  
Open 30 mins 8' of mud. Recd. Pressure 0.  
DST w/hole open from 3427 to 3434', open 30 mins, 30' water and mud, recovered, pressure 0.

DST w/hole open from 3582 to 3593, open 1 hr, 15' of mud, recovered Pressure 0.  
Testing w/cable tools.  
After drilling plug and cleaning out to the bottom 30 gal of acid was dumped and splashed against walls for approximately 2 hrs, then bailed out. 20 gal acid dumped and let set 8 hrs, bailed out. Still no show free oil. Drilled to 3630 at approximately 2' runs no free oil showed in hole or no water. Well was perforated by Lane wells from 3574-78', no increase in oil or water. Perf. w/12 shots from 3460-64'. No inc. in oil or water. Perf. w/11 shots from 3430 to 3434', no increase in oil or water. Perf. w/12 shots from 3325 to 3329' no increase in oil or water. Well properly plugged and pipe pulled.