

WELL LOG BUREAU — KANSAS GEOLOGICAL SOCIETY

508 E. Murdock

Wichita, Kansas

Company - DERBY OIL COMPANY  
 Farm - Warren "A" No. 1

SEC. 12 T. 11 R. 20W  
 NW NW NE

Total Depth. 3800  
 Comm. 8-18-49 Comp. 9-11-49  
 Shot or Treated.  
 Contractor. Veeder Supply Company  
 Issued. 6-24-50

County. Ellis

KANSAS



Elevation. 2142 (m)  
 2144 RB (2d)

Production. Phy. Pot. 390 BO

CASING:

8 5/8" 232' cem. w/ 125 sx, circ.  
 5 1/2" 3735' cem. w/ 150 sx,

Figures Indicate Bottom of Formations.

clay sand	100	1st hour -40.68 barrels oil
blue shale	232	2nd hour - 30.00 " "
blue shale, shells	340	3rd hour - 26.68 " "
shale, sand, shells	1140	4th hour - 26.68 " "
sand & shale	1540	5th hour - 26.68 " "
Anhydrite	1565	Ran tubing & rods. Pumped
limo & shale	1690	12 barrels oil per hour plus
shale, shells, redbed	1825	20% wtr. Fluid level shot
lime & shale	2160	indicated fluid to be 2200
shale & shells	2295	feet from top at this pumping
lime	2395	rate.
lime & shale	2470	Slight show oil 3182-88
limo	2550	Good show oil 3445-54 & 3460-
lime & shale	2805	66
shale	2880	Slight show oil 3490-94 &
lime & shale	3060	3564-67
shale	3130	
shale & limo	3160	
limo	3315	
lime, cherty	3350	
limo	3435	
Lansing limo	3465	
limo	3655	
shale	3680	
limo, chort	3740	
limo	3800	
Total depth		

Tops:	
Topeka	3157
Heebner	3372
Lansing	3409
Conglomerate	3671
Arbuckle	3729

Remarks:

Drill Stem Tests:

Lansing 3442 to 3466, open  
 1/2 hour; strong flow, recovered  
 300 feet oil and 510 feet hvy  
 oil art mud, no wtr. F.P.

~~275# B.H.P. 1125#.~~

Completion Record:

Perforated 29 shots 3458-65.  
 Recovered 450 feet oil in  
 2 1/2 hours. Swabbed 1.7 barrels  
 oil per hour for 7 hours, no  
 water. Acidized with 500 gals.  
 925# maximum pressure to vacuum  
 in 20 minutes. Swabbed 12 barrels  
 oil per hr for 5 hrs., 100 feet  
 off bottom. Filled up 2100 feet  
 oil in 15 hours. Acidized with  
 2000 gals. 900# maximum pressure  
 broke to 650# and took acid at  
 650#. Swabbed 172 barrels load  
 & swab down to 300 feet off bottom.  
 Swab test: