

27-18-11W

KANSAS WELL LOG BUREAU --- KANSAS GEOLOGICAL SOCIETY

508 EAST MURDOCK - WICHITA, KANSAS

COMPANY THE DERBY OIL CO.

SEC. 27 T. 18 R. 11W

FARM Robt "A"

NO. 1

LOC. NE NE NE

TOTAL DEPTH 3326

COMM. 3-18-51

COMP. 4-3-51

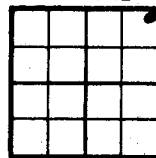
SHOT OR TREATED

CONTRACTOR Pickrell Drlg. Co. & Bentley Cable Tools

ISSUED 5-19-51

COUNTY Barton

KANSAS



CASING

8 5/8" 194' cem. w/125 sx

4 1/2" 3314' cem. w/100 sx

1777RB (and.)

ELEVATION 1775 DF

PRODUCTION Pmp. 115.43 BO
& 4.81 wtr

FIGURES INDICATE BOTTOM OF FORMATIONS

sand	120	500' off bottom. Filled
shale	540	up 1750 feet fluid in 9
anhydrite	580	hours, of which 220 feet
shale	630	was water. Took grind
shale & shells	1020	outs up and down hole. At
salt, shale & lime	1250	500 feet it showed 10% wtr.
shale & lime	1425	at 900' 30% wtr, and @ 1500'
shale & lime strks	1715	showed 4% water. Put on
lime	1880	pump.
shale & lime	2504	
lime	2945	
shale	2990	
lime & shale	3012	
lime	3101	
dolomite	3122	
lime	3280	
lime, shale & chert	3312	
arbuckle	3319 RTD	
arbuckle	3326	
Total Depth		

Tops:

Heebner Shale	2678
Brown Lime	2992
Lansing	3012
Arbuckle	3312

Several good shows 3012-1235

Show oil & odor 3312-1535

DST: Lansing 3028-3070 1 hr.

rec. 1500' gas plus 85' oil

& gas cut mud, 325# bottom

hole pressure.

DST Lansing 3078-3095 1 hr.

rec. 960' gas plus 35' oil

& gas cut mud, 325# bottom

hole pressure.

All measurements are from
Kelly Bushing, 6' above
Bradenhead.

Drilled plug and cleaned out
to rotary total depth 3319.
No shows. Drilled deeper to
3326. Show oil 3324-26, tested
25 gals. oil per hr. 500 Acid.
Maximum pressure 1000# to 650#,
went on vacuum one minute after
acid displaced. Swabbed average
of 18 bbls. fluid per hr. for
3 hrs., estimated 25% water,