

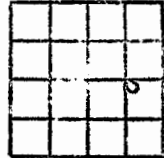
WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY
 508 East Murdock, Wichita, Kansas

Company: NATURAL GAS & OIL COMPANY
 Farm: Harrison No. 2

SEC. 13 T. 24N R. 14W
 NW NE SE

Total Depth. 3955'
 Comm. 11-21-59 Comp. 11-28-59
 Shot or Treated.
 Contractor. Strate Drilling, Inc.
 Issued. 2-13-60

County Sta. Road
 KANSAS



CASING:
 8 5/8" 229.23' w/210 sks.
 4 1/2" 3954' w/125 sks.

Elevation. 1927.23

Production. 62 BOPD

Figures indicate Bottom of Formations.

shale & sand	720
red bed & shells	798
Anhydrite	825
shale & shells	1620
lime & shale	3610
lime	3695
lime & shale	3760
lime	3955
Total Depth	

TOPS:

Heebner	3424
Brown lime	3559
Lansing	3585
Base Kansas City	3844
Mississippi	3899
Kinderhook	3913

Perf 3902-14 w/4 jets per foot.
 Acidized w/500 gal. mud acid.

12-5-59 Frac w/4000# sand & 4000 gal oil.

DST #1 3656-3665' tool open 1 hr.,
 gas to surface in 15 min. Recov. 30'
 heavy oil and gas cut mud, 250' gassy
 oil 20' water. IFP 45 lbs. FFP 101
 lbs. BHP 968 lbs. in 20 min.

DST #2 3705-3735' tool open 1 hr., gas
 to surface in 15 min. Recov. 120' gas
 cut mud. IFP 45 lbs. FFP 56 lbs.
 BHP 1325 lbs. in 20 minutes.

DST #3 3739-3760' tool open 1 hr.,
 fair blow throughout test. Recov. 540
 feet gas cut mud, 90' oily watery mud.
 IFP 212 lbs. FFP 513 lbs. BHP 590
 lbs in 20 minutes.

DST #4 3900-3940' tool open 1 hr.,
 gas to surface in 13 min. (too small
 to measure). Recov. 150' gas cut
 mud. IFP 45 lbs. FFP 123 lbs. BHP
 1325 lbs in 20 minutes.