

KANSAS WELL LOG BUREAU - KANSAS WELL SAMPLE BUREAU  
 KANSAS GEOLOGICAL SOCIETY BUILDING  
 500 EAST MURDOCK - WICHITA, KANSAS

COMPANY SHIELDS OIL PRODUCERS

SEC. 22 T. 14 R. 12W  
 LOC. SE NE SW

FARM Morris NO. 5

COUNTY Russell

TOTAL DEPTH 3220'

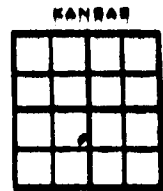
COMM. 3-4-68

COMP. 3-10-68

SHOT OR TREATED

CONTRACTOR Shields Drilling

ISSUED 4-27-68



CASING

20 10  
 15 @ 5/8" 614' cem w/ 300 sx  
 12 6  
 13 5

ELEVATION 1731' KE

PRODUCTION P 135 BOPD Plus 10%  
 W/ Lins 2938-42

Anhydrite 610

Top: Heebner 2530 2,768'  
 Toronto 2,786'  
 Lansing-K. C. 2,854'  
 Congl. Shale 3,142'  
 Congl. Sand 3,186'

..... Figures Indicate Bottom of Formations .....

Sand & shale 200'  
 Shale, sand & redbed 610'  
 Anhydrite 642'  
 Shale, shells, salt & lime 1,300'  
 Shale & lime 1,400'  
 Lime 1,840'  
 Lime & shale 2,550'  
 Lime 3,220' RTD

NOTES

- DST #1 2,860'-2,880' Tool open 1 hr. w/good blow thruout, Recovered 675' gas, 30' SO&GCM, 60' O&GCM, 125' muddy oil. IBHP-692#, IFP-52#, FFP-95#, FBHP-199#/20 min.
- DST #2 2,882'-2,905' Tool open 1 hr. w/weak blow dying in 15 min. Recovered 60' mud w/trace of oil. IBHP-753#, IFP-52#, FFP-70#, FBHP-735#/20 min.
- DST #3 2,918'-2,945' Tool open 1 hr. w/good blow thruout, Recovered 30' SO&GCM, 180' HO&GCM, 60' oil, 60' O&GCWM, 180' water. IBHP-779#, IFP-61#, FFP-173#, FBHP-744#/20 min.
- DST #4 3,176'-3,220' Tool open 1 hr. w/weak blow dying in 9 min, Recovered 25' mud. IBHP-848#, IFP-78#, FFP-79#, FBHP-640#/20 min.