

FARM Olson

NO. 3

COUNTY Russell

KANSAS

TOTAL DEPTH 3183

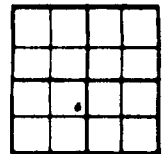
COMM. 1-7-67

COMP. 1-14-67

SHOT OR TREATED

CONTRACTOR Shields Drlg.

ISSUED 3-11-67



## CASING

|    |        |         |          |
|----|--------|---------|----------|
| 20 | 10     |         |          |
| 15 | 8 5/8" | @ 245'  | w/?      |
| 12 | 6      |         |          |
| 13 | 5 1/2" | @ 3179' | w/150 sx |

ELEVATION 1745' KB

PRODUCTION PMP 35 BOPD/NW  
ARB 3179-88

FIGURES INDICATE BOTTOM OF FORMATIONS

2636-41: buff, light gray, crystalline, slight fossiliferous, with rare spotty oil stain, slight porosity. Not commercial.

2817-22: buff, light gray, crystalline, slight fossiliferous, with rare spotty oil stain, slight porosity. Not commercial.

2881-86: cream, light gray, crystalline, cherty, & chalky with trace of light oil stain, & poor porosity. Not commercial.

2916-23: cream, buff, light gray, crystalline, cherty, & mostly dense with rare oil stain, very slight show of free oil, & faint odor. Poor porosity. Not commercial.

2941-46: cream, buff, light gray, crystalline, cherty, chalky, with trace of oolitic lime. Very rare oil stain, no free oil or odor. Poor porosity. Not commercial.

2958-63: buff, crystalline, chalky, partly oolitic, with slight porosity, very rare oil staining, no free oil or odor. Not commercial.

3000-04: tan, crystalline, cherty, vuggy, with trace of light oil stain. No free oil or odor. Slight porosity. Not commercial.

30009-13: white, oolitic, and barren.

3054-59: buff, gray, crystalline, very cherty, & slight shaley, with no oil stain.

3074-77: buff, crystalline, slight fossiliferous, with rare oil stain, trace of porosity. No free oil or odor. Not commercial.

3096-04: tan, crystalline, some white, oolitic, with rare oil stain, faint odor, but no free oil. Not commercial. Rec water on Olson # 2.

3133-40: buff, crystalline, chalky, slight cherty, with trace of oolitic lime. No oil stain.

3178-83: buff, fine to medium crystalline, porosity fair. Fair light & dark oil stain, show of free oil, & good odor.

DRILL STEM TEST # 1: 2636-2670.

IF 15 min w/ weak blow; FF no blow, rec 90' drlg mud; IBHP 610 psi/30min  
FBHP 720 psi/30 min

DRILL STEM TEST # 2: 3174-3183

IF 15 min w/weak blow; FF 60 min w/ weak blow; rec 20' heavily OCM, 60' of slight OCM; IBHP 1040 psi in 30 min; FBHP 940 psi in 30 min; FP 0-190 psi  
Some plugging action indicated throughout test.

TOPS: SAMPLE:

|               |      |
|---------------|------|
| Anhydrite     | 801  |
| Topeka        | 2634 |
| Heebner       | 2860 |
| Toronto       | 2881 |
| Lansing       | 2916 |
| B/Kansas City | 3163 |
| Arbuckle      | 3178 |