

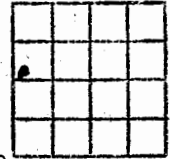
WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY  
508 East Murdock, Wichita, Kansas

Company. F. KIRK JOHNSON  
Farm. Salsor No. 1

SEC. 12 T. 26 R. 16W  
SW SW NW

Total Depth. 4765'  
Comm. 11-23-55 Comp. 2-24-56  
Shot or Treated.  
Contractor.  
Issued. 6-1-57

County Edwards  
KANSAS



Elevation. 2066' KB

CASING:

8 5/8" @275'  
5 1/2" @4450'

Production. 40 BOPD

Figures indicate Bottom of Formations.

All measurements are from the top of the Kelly Bushing which is 3' above the Derrick Floor.

<p>shale, Drillers log 275 0-3500' red bed 735 red bed &amp; shale 1023 Anhydrite, Stone 1044 Corral; Electric log top @1023' shale 1365 shale &amp; shells 2000 limestone &amp; shale 2640 shale &amp; limestone 3040 limestone &amp; shale 3500 limestone, tan to gray, subcrystalline; spotted vugular porosity, Sample log 3500 to T.D. no show 3532 limestone, tan to gray, subcrystalline to finely crystalline, fossiliferous; strks gray shale 3567 limestone, gray to buff, subcrystalline to sucrose, fossiliferous, some oolitic; fair vugular porosity, no show 3606 limestone, gray, fossiliferous to tan, dense, chert, gray to buff, figured; strks gray &amp; brown shale 3618 limestone, gray to buff, sucrose, dolomitic; fair spotted vugular porosity, tr. oolitic porosity no show 3637 mostly shale, dark gray, some cream to gray line- sent, very shaly 3658 limestone, cream to buff, sucrose, dolomitic to white, chalky; fair vugular porosity no show 3680 limestone, buff to tan, dolomitic, porous; chert, gray, opaque, vitreous to subvitreous, figured no show 3692 limestone, cream to tan, finely crystalline, fossiliferous, some chalky; spotted vugular porosity, no show 3741</p>	<p>mostly limestone, cream to buff, strks. gray- black to brown-black shale 3763 shale, brown-black, finely micaceous 3769 limestone, gray to brown gray, 3773 shale, gray to gray- green 3783 limestone, cream to white very shaly 3804 shale, gray to green-gray to gray-black; thin strks sand, very fine, gray, silty, micaceous 3918 limestone, gray-brown, sub- crystalline to dense, fossi- liferous 3923 shale, gray; plates lime- stone as above 3923 limestone, gray to gray- brown, subcrystalline 3935 limestone, cream to buff, sucrose, very good ooli- castic porosity, good odor, good show free oil 3939 limestone, gray to brown, fossiliferous; strks gray &amp; brown shale 3955 limestone, tan to gray, calcitic; spotted vugular porosity no show 3965 limestone, tan, dense; strks gray &amp; brown shale 3976 limestone, cream, finely crystalline; Tr. pinpoint &amp; poor vugular porosity; chert, gray, opaque, sub- vitreous, no show 3980 mostly limestone, dark gray to brown, mottled, finely crystalline to sub- crystalline; chert, gray, translucent, smoky &amp; gray to tan, opaque; strks. gray &amp; brown shale 4008 limestone, gray to tan, no show very cherty, chert, as above 4012 limestone, tan to brown, resinous; much chert, as above strks. shale, as above 4025</p>	<p>limestone, cream to tan, fair oolitic porosity, poor permeability, fair odor, fair spotted show free oil; 4035 limestone, tan to dark brown dense to subcrystalline, chert blue-gray, subvitreous 4039 limestone &amp; chert, as above Porous on electric log, no porosity detected in samples 4060 limestone &amp; gray &amp; brown shale strks 4071 mostly limestone, light gray-tan, dense to chalky, very oolitic &amp; fossiliferous, very porous 4071-72, 4075-77 &amp; 4078-79 strks gray &amp; brown shale slight odor, fair stain, good show rather dead free oil; 4079 limestone, gray-tan, dense, strks. gray &amp; brown shale 4095 limestone, tan to brown, dense, &amp; fossiliferous, fair oolitic porosity. Tr. stain, tr. free oil, no odor; 4101 limestone, tan, dense 4111 limestone, tan, oolitic &amp; fossiliferous, good porosity 4111-14, 4115-17, 4123-28 &amp; 4130-34 Tr. spotted stain 4143 limestone, brown, dense &amp; shale brown to gray 4152 limestone, tan, dense to chalky; good oolitic porosity, shaly no show 4158 shale, brown &amp; gray 4162 limestone, brown, dense 4183 limestone, brown, dense, oolitic; tr. oolitic porosity, no show 4189 limestone, cream to tan, dense; strks dark gray to brown-black shale, Tr. porosity on electric log 4205-10, no porosity detected in samples 4255 shale, brownish-maroon to gray-green 4275</p>
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COMPANY F. KIRK JOHNSON  
FARM SALSER

#1

Sec 12 T. 26 R. 16W  
SW SW NW

County Edwards

T.D. 4765: Prod. 40 BOPD  
(continued from first page)

limestone, gray to pinkish-tan, no show, subcrystalline, fossiliferous; some pale green limestone chert, gray, opaque; spotted vugular porosity 4289 shale, dark gray to maroon; strks. tan, fossiliferous, resinous, shaly limestone 4314 limestone, as above, very little shale 4320 shale, dark gray to gray-green to silver-gray, Possible Top of Cherokee 4320 limestone, tan -light gray-green, resinous; tr. gray, opaque figured chert 4351 shale, strks limestone, as above 4368 limestone tan to gray, dense 4374 shale, dark gray to dark earthy brown; tr. tan, dense, limestone near base 4389 chert, citrine to amber, translucent to opaque; chert, citrine to red, jasperoid; chert slightly sandy; tr. clear, well sorted, glassy sand. fair show free oil, no odor 4437 shale, gray-green, some maroon-brown & variegated, pyritic 4443 chert, pink, yellow & red, opaque, tr. quartzitic, pyritic sand good stain 4448 sand, fine, angular, well sorted; much chert very tripolitic. much sandy chert & cherty sand 4456-72' fair to good show free oil, slight odor 4472 shale, as above; strks light brown to green dense limestone 4493 shale, as above; possible strks sand 4527 limestone, tan to brown, crystalline, chert, red to white, vitreous, much silicified limestone 4535 limestone, brown, black, & brown, red, white, increase in chert, as above; white, granular, some stain, no odor, of free oil; 4568 much white, tripolitic chert, dolomite, granular, tight 4581 limestone, brown, dense,

sucrose dolomite 4599 silicified limestone cream to white to buff, opaque chert; porous, no show 4606 limestone, tan to brown, subcrystalline to dense; chert, brown, subvitreous 4616 much dark gray to gray-green, earthy chert 4621 limestone, tan, dense 4631 limestone, cream to brown, some sandy, thin strks pale green sandy shale; tr. tan, gritty, subcrystalline dolomite 4651 shale, gray-green to pale green, slightly sandy 4654 sand, gray to white, subrounded, quartzitic 4657 shale, as above 4658 sand, as above 4661 shale, gray to green, some sandy 4679 sand, gray, subrounded to subangular, well sorted, shaly 4693 shale, as above 4704 shale, as above, strks brown, rhombohedral, sandy dolomite, grading into dolomitic sand 4736 Dolomite, cream to buff, crystalline to medium crystalline rhombohedral 4738 shale, dark green 4739 Dolomite, as above, spotted vugular porosity 4740-44' no show 4746 shale, as above 4750 Dolomite, as above, some oolitic; spotted vugular & oolitic porosity 4753-55 4755 shale, as above 4759 Dolomite, buff, rhombohedral, fair vugular porosity, no show 4765  
Total Depth

TOPS  
Stone Corral 1023'  
(electric)  
Heebner 3763  
Leavenworth 3769  
Snyderville 3773  
Toronto 3783  
Douglas 3804  
Brown Lime 3918  
Lansing 3933  
Kansas City 4189  
Base/Kansas City 4255  
Cherokee 4320  
(Possibility)

TOPS (continued)  
Mississippi 4389  
Kinderhook 4437  
Viola 4527  
Simpson 4651  
Arbuckle 4736

DRILL STEM TESTS  
DST #1 3933-50' op. 1 hr. good blow thr-out test. Rec. 800' gas 110' oil & gas cut mud. IFP 28 psi. FFP 42 psi SIP 590 psi. 30 min. building rapidly.  
DST #2 4025-35' op. 1 hr. good blow thr-out. Rec. 610' IFP 20 psi FFP 250 psi SIP 1450 psi 30 min. static  
DST #3 4075-4103' op. 1 hr. small blow thr-out. Rec 80' IFP 16 psi FFP 48psi SIP 1475 psi (30 min. static)  
DST #4 4388-4420' op. 1 hr. strong blow thr-out test. Rec. 95' oily mud. 60' middy oil. 60' muddy oil. 60' clean oil. IFP 32psi FFP 98 psi SIP 1475 psi (30 min. static)  
DST #5 4420-40' op. 1 hr. weak blow 52 min. flushed anchor 30 min. blow rem unchanged Rec. 25' mud IFP 50 psi FFP 60 psi SIP 830 psi (30 min buldg. rapidly)  
DST #6 4443-60' op. 1 hr. weak blow thr-out test. Rec. 60' slightly oil cut mud. IFP 10 psi FFP 20 psi SIP 60 psi (30 min. bldg. rapid)  
DST #7 4460-77' op. 1 hr. weak blow thr-out test. Rec. 30' mud IFP 25 psi FFP 55 psi SIP 940 psi (30 min bldg. rapidly)  
DST #8 4530-4610' op. 1 hr. good blow thr-out test. Rec. 460' salt wtr. no oil or gas. IFP 90 psi FFP 320 psi SIP 1440 psi (30 min. still bldg. slowly)