

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.

UNION NATIONAL BANK BLDG, WICHITA, KANSAS

21-14-15E

42060

Location. CSE NW

Sec. 21 T. 14 R. 15E.

Casing Record.

County. Osage

10" 1443 Farm. Woods

No. 1



8 1/2" 2200 Company. Briggs and Smith.

15 1/2" 620 65/8" 2250 Centr.

12 1/2" 121053/16" Comm. 4- 6-32

Comp. 10-14-32

Total Depth. 2627 Shot Quarts Between.

Correspondence Regarding This Well Should Be Referred To.

Elevation. 1169, L.S.

Initial Production. DRY

Figures Indicate Bottom of Formations.

Date Issued. 10-22-32

Formation	Depth	Formation	Depth.
clay	50	shale	1162
shale	60	lime	1178 - BHC
shy shale	75	shale	1265
shale	100 - Ho	shale blk	1270
lime Howard	110	shale and shells Top Ft. Scott	1300
shale	115	lime Ft. Scott	1320 - Ch
shy lime	120	shale	1790
shale blk	135	lime	1800
sand show <u>oil and gas.</u>	175 - T6	shy shale	1847
lime	180	sand	1848 - M
shale	190	lime	1888
lime	205	shy lime	1900
shale	230	lime	2058
sand water	245	shy lime	2070
shale	255	show <u>oil and HFV</u>	
lime	270	lime	2160
shale blk	275	shale	2175
shale grey and green.	280	broken lime	2185
lime	290	shale	2190
shale grey and green	300	shale and shells	2200
shale <u>Iron Pyrites</u>	335	shale	2224
lime	375	lime	2245 - K
shale	400	shale	2285
lime	403	lime	2295
shale	475	shale	2310
lime	490 - D	lime	2345
shale	495	shale	2365
shale blk	510	lime	2410
shy shale show <u>oil</u> 610-35	630	shale	2420 - V
sand (water salt)	655	lime	2485
shale	690	shale	2495
lime	700	lime	2560
shale	790 - L	shale	2565
lime showing of <u>gas</u>	800	lime	2627
shale	805	TD.	
lime	840		
shale blk	845		
lime	855		
shale	865		
lime	877		
shale	903		
lime	915		
shale and lime shells	970		
lime	985		
shale	990		
mixed color lime	995		
lime white	998		
shale blk	1005		
lime	1020		
shale	1035		
lime	1043		
shale Green	1048		
lime	1055		
shale green	1068		
lime grey	1084		
shale dark	1088		
lime dark	1092		
shale dark	1106		
lime	1120		
shale blk	1125		
lime	1168		

10 UT 1510
65/8 UT 2420

Samples

H - 2325
V - 2420
S - 2515
SI - 2527
A - 2627

UNION NATIONAL BANK BLDG, WICHITA, KANSAS

Plotted

Location. CSE NW

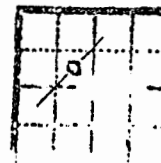
Sec. 21 T. 14 R. 15E.

Casing Record.

County. Osage

10" 1443 Farm. Woods
 20" 8" 2200 Company. Briggs and Smith.
 15" 620 65/8" 2250 Contr.
 12 1/2" 1210 53/16" Comm. 4- 6-32

No. 1



Comp. 10-14-32

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Figures Indicate Bottom of Formations.

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lime Howard	110	shale and shells Top Ft. Scott	1300
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lime	290	shale	2190 ch
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sand (water salt)	655	lime	2485
shale	690	shale	2495
lime	700 Hashell?	lime	2560
shale	790	shale	2565
lime showing of gas	800	lime	2627
shale	805	TD	
lime	840		
shale blk	845 Fed?		
lime	855	10 UR 1510	
shale	865	65/8 UR 2420	
lime	877		
shale	903		
lime	915	Lime 1026	dark sh 1088 5 3/16 2 2461
shale and lime shells	970	sh 1035	dark lm 1092
lime	985	Lm 1043	dark sh 1100
shale	990	Green sh 1048	Lm 1120
lime	995	Lm 1056	Blk sh 1125
mixed color lime	998	green sh 1068	lm 1155
lime white	998	lm 1084	
shale blk	1005		

Figures Indicate Bottom of Formations.

Initial Production.

DRY

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shale green	1068		
lime grey	1084		
shale dark	1088		
lime dark	1092		
shale dark	1106		
lime	1120		
shale blk	1125		
	1155		

2185
1848
337

10 UA 1510
65/8 UA 2420

5 3/16 @ 22.61

WELL LOG: WOOD No 1: SE OF NW SEC. 31, T.14, R-15, ^{Wagon} County, Kansas. Drilled by Bert E. Day contractor.

21-14-15E DUP
21

NOT COMPLETE

clay	0	to	50)	
blue shale	50	"	60)	Seranton
sandy lime	60	"	75)	
blue shale	75		100)	
hard lime	100		110-	Howard
blue shale	110		115	
sandy lime	115		120	
black-jack	120		135	
hard sandstone	135		175-	Showing oil and gas
hard lime	175		180	
shale	180		190	
lime	190		205	
shale	205		230	
sand	230		245-	Fresh water
white shale	245		255	
hard lime	255		270	
black shale	270		275	
grey & green shale	275		280	
hard grey lime	280		290	
grey & green shale	290		300	
grey shale	300		335-	Iron Pyrites
grey lime	335		340	
white lime	340		375	
dark shale	375		400	
lime	400		403	Leav.
shale	403		475	
lime	475		490	BR50
grey shale	490		495	
black shale	495		510-	12-in-casing run
grey shale	510		630-	Showing of gas
sand	630		655-	Salt water
grey shale	655		690	
white lime	690		700	Wdh
blue shale	700		750	
grey shale	750		790	TRIS
grey lime	790		800-	showing of gas
grey shale	800		805	
hard white lime	805		840	
black shale	840		845	
hard white lime	845		855	
grey shale	855		865	
hard grey lime	865		877	
grey shale	877		903	
blue lime	903		915	
grey shale	915		970	
hard white lime	970		985	
grey shale	985		990	
mixed color lime	990		995	
white lime	995		998	
black shale	998		1005	
white lime	1005		1015	
grey lime	1015		1020	
grey shale	1020		1035-	ten-in casing run
lime	1035		1043	
green shale	1043		1048	
lime	1048		1056	
green shale	1056		1068	
grey lime	1068		1084	
dark shale	1084		1088	
dark lime	1088		1092	
lime	1092		1108	
white lime	1108		1120	
black shale	1120		1125	
white lime	1125		1155	
blue shale	1155		1162	
white lime	1162		1178	
blue shale	1178		1265	
shale & snells	1265		1300-	top Ft Scott
hard grey lime	1300		1320-	Ft Scott Lime
grey shale (light)	1320		1365	
grey shale (dark)	1365		1405	
grey shale	1405		1525	
dark shale	1525		1575	
grey shale	1575		1700	
grey shale (dark)	1700		1750-	Completed this depth May 15th., 1931.
by drilling contractor				

21-14-15

WELL LOG CONTINUED : WOOD No 1, Location
center of SE $\frac{1}{4}$ of NW $\frac{1}{4}$ of Sec. 21, T-14, R-15, Osage County, Kan.
Drilled by Bert E. Day drilling contractor.

blue shale	1750	to	1775
grey shale	1775		1790
lime (hard)	1790		1800
grey shale	1800		1848-Top Mississippian
White lime (hard)	1848		1885
sandy lime	1885		1900
grey lime	1900		1950

Well completed to the depth of 1950 feet May 31st., 1931

By _____
Contractor

22 00