

20-12-15W
COPY

WELL LOG BUREAU, KANSAS GEOLOGICAL SOCIETY
719-720 Union National Bank Bldg., Wichita, Kansas

CASING RECORD LOCATION SEcSW SEC 20 T 12S R 15West.

10" FARM Milke NO. 1 COUNTY Russell.
20" 8 1-4 COMPANY Findeiss, Stearns and ~~Sutter~~ et al.
15 1-2 6 5-8 CONTRACTOR
12 1-2 5 3-16 COMMENCED 2-9-24 COMPLETED

	20	

TOTAL DEPTH SHOT QUARTS BETWEEN
CORRESPONDENCE REGARDING THIS WELL SHOULD BE REFERRED TO

FIGURES INDICATE BOTTOM OF FORMATIONS ELEVATION
REMARKS INITIAL PRODUCTION

Formation	Depth	Formation	Depth.
clay	20	lime white	2056
shale blue	81	slate blue	2068
lime white	83	lime white	2096
shale brown	95	slate red	2108
lime white	98	lime broken	2148
shale blue	205	slate white	2160
sdv shale blue	235 HFW	red rock	2172
slate white	250	shale	2182
slate red	265	red rock	2232
slate blue	271	lime sdv	2246 LBW
red rock	308	slate	2315
sand white	338	lime sdv	2333
sdv shale	407	shale	2410
water sand HFW	480	slate	2492
sdv lime brown	498	shale sdv	2520 LBW
slate blue	510	shale sdv	2558 3BW
sdv shale	530	lime shell white	2561
slate blue	558	sdv shale blue	2570
shale brown	580	lime shells white	2574
slate white	588	sdv shale blue	2625
sand brown HFW	600	lime white	2629
slate blue	620	shale blue	2650
slate red	765	lime grey	2659
sdv slate 3BW	785	shale blue	2735
slate red	810	lime white	2741
sdv slate HFW	840	shale blue	2795
slate red	892	lime white	2830
sdv shale red HFW	918	sdv lime blk	2847
slate red	952	lime grey	2886
lime red	998	shale brown	2890
slate red	1142	lime white	2922
slate brown	1170	shale blk	2925
slate red	1320	lime white hard	2929
sh salt grey	1585	slate white	2933
sdv slate blue	1615	lime white	3001
slate white	1650	shale blk	3004
lime white	1672	lime and shale	3038
slate white	1679	shale brown	3055
lime grey	1688	lime	3074 Show oil
lime white	1728	lime	3078
red rock	1747	sand	3102
lime grey	1779	lime	3122 HFW
red rock	1860	shale blue	3125
lime white	1822	lime	3137 HFW
red rock	1855	sand	3180
lime grey	1864	lime	3224
slate white	1871	red rock	3248
sdv lime white	1890	slate	3256
slate white	1896	sdv shale	3276
lime white	1930	broken lime	3314
slate white	1952	red rock	3340 show oil 3345
lime white	1980	slate	3365 3BW
red rock	1992	broken lime	3384
lime white	2010	Broken shale	3394 lime 3555
slate white	2022	sdv lime wtr	3470
		broken shale	3470
		lime	3374 pink sd 3614

20-12-15W 1120

Milke No. 1, Amerada, Stearns, Sutter, Hawes & Findeiss,
 SW cor., SE $\frac{1}{4}$ of SW $\frac{1}{4}$, Sec. 20, T. 12 S., R. 15 W., Russell Co., Kans.,
 Rig commenced-3/1/24; drilling completed-11/12/24,
 Elev. -1903'
 494(327)

soil, soft	yellow	0-20	red rock, soft		1855
shale "	black	81	lime, hard	gray	1864
lime shell, hard, white		83	slate, soft	white	1871
shale, soft	brown	95	lime, sandy, hard	"	1890
lime shell, hard, white		98	slate, soft	"	1896
shale, soft	blue	205	lime, hard	"	1930
sand shale, soft	"	218 HFW	slate, soft	"	1952
" water	brown	235	lime, hard	"	1961
slate, soft	white	250	" sandy, broken, soft	"	1980
" "	"	265	red rock, soft		1992
" "	blue	271	lime, hard	gray	2010
red rock, soft		308	slate, soft	white	2022
sand, soft	white	338	lime, hard	"	2056
red rock, soft		402	shale, soft	blue	2068
shale, sandy, soft, blue		407 HFW-410	red rock, soft		2082
sand, water	gray	480	lime, hard	white	2096
lime, sandy, hard, brown		498	slate, soft	red	2108
slate, soft	blue	510	lime, broken, soft	white	2148
shale, sandy, hard	"	530	slate, soft	"	2160
slate, soft	"	558	red rock, soft		2172
shale	brown	580	shale, soft	white	2181
" hard	white	588 HFW	red rock, soft		2232
sand, water, soft, brown		600	lime, sandy, hard	white	2246 BW
slate, soft	blue	620	slate, soft	blue	2290
" "	red	765	" "	white	2315
shale, sandy, soft	"	785 BW-770	lime, sandy, hard	gray	2333
slate, soft	"	810	shale, hard	blue	2410
" sandy, hard	"	840 4 BW	" soft	"	2492
" soft	"	892	" " , sandy	"	2558
" sandy, soft	"	918 HFW-910	lime shell, hard	white	2561
" " "	"	952	shale, sandy, soft	blue	2570
lime, hard	"	998	lime shell, hard	white	2574
slate, soft	"	1142	shale, sandy, soft	blue	2625
shale	brown	1170	lime, hard	white	2629
slate	red	1320	shale, soft	blue	2650
shale and salt	gray, soft	1380	lime, hard	gray	2659
solid salt, soft	"	1585	shale, soft	blue	2735
shale, sandy,	blue	1615	lime, hard	white	2741
slate, soft	white	1650	shale, soft	blue	2795
lime, hard	"	1672	lime, hard	white	2830 wtr.
slate, soft	"	1679	" " sandy	black	2847
lime, hard	gray	1698	" "	gray	2886
slate, soft	white	1701	shale, soft	brown	2890
lime, hard	"	1728	lime, hard	white	2922
red rock, soft		1747	shale, soft	black	2925
lime, hard	gray	1779	lime, hard	white	2929
red rock, soft		1800	slate, soft	"	2933
lime, hard	white	1822	lime, hard	"	3001

page 2

shale, soft	black	3004
lime and slate, hrd	white	3038
shale, soft	brown	3059
lime, sandy, medium		3078 wtr. - 3074
sand, water,	" dark	3102
lime, hard	white	3122 HFW
shale, soft	blue	3125
lime, hard	white	3137 HFW
water sand, medium,	dark	3180
lime, sandy	" "	3224
red rock, hard		3248
slate, soft	dark	3256
shale, sandy, soft,	white	3276
lime, broken, soft,	gray	3314
red rock, soft		3340
sand, soft	gray	3365 3BW
lime, broken, hard,	red	3370
shale, soft	brown	3394
shale and lime	"	3470 wtr.
shale		3474
lime		3555
lime, sandy		3614
sand	pink	3617 HFW
		T.D.

Casing record

15" at 389', underreamed to 482'
 12 $\frac{1}{2}$ " " 656' " " 925'
 10" " 1320'
 8 $\frac{1}{4}$ " " 2222'
 6" " 2556', underreamed to 3244'
 5-3/16" at 3378'

Dry & Abd.

Water record

H. F. W. at 218'
 " " " " 600'
 3 B. per hr. at 840'
 H. F. W. at 910'
 Bad cave at 2232'
 1 B. per hr. at 2240'
 1 " " " " 2320'
 1 " " " " 2520'
 Hole filled up, too much
 caving at 2600'
 Show of oil at 3074'
 H. F. W. at 3078-84'
 " " " " 3137-45'
 Showing of oil at 3345'
 Water at 3470'
 " " 3614'