

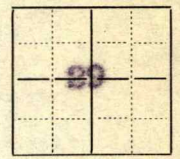
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WELL LOG BUREAU, KANSAS GEOLOGICAL SOCIETY

719-720 Union National Bank Bldg., Wichita, Kansas

CASING RECORD LOCATION **NR 20W 1/2** SEC **29** T **20** R **13E.**

10" **1127** FARM **Ed Milliner** NO. **1** COUNTY **Lyon**
20" 8 1-4 **1844** COMPANY **Waite Phillips.**
15 1-2 **19** 6 5-8 **2251** CONTRACTOR
12 1-2 **693** 5 3-16 COMMENCED COMPLETED



TOTAL DEPTH SHOT QUARTS BETWEEN

CORRESPONDENCE REGARDING THIS WELL SHOULD BE REFERRED TO **Waite Phillips.**

Winfield, Kansas.,

ELEVATION **1132, 45.**

FIGURES INDICATE BOTTOM OF FORMATIONS INITIAL PRODUCTION

REMARKS

Formation	Depth	Formation	Depth.
soil and shale	35	lime	1755
lime	50	shale	1775
shale	110	slate	1780
lime	150	shale	1820
shale	205	lime Miss	2055
lime	213	lime	2000
shale	220	HPW	
lime	225	lime	2155
shale	240	slate	2175
lime	250	lime	2200
shale	260	shale	2237
lime shell	300	lime	2245
shale	320	shale	2260
lime	330	sdv lime	2263
shale	340	slate	2276
lime	345	lime	2280
shale	380	slate	2290
lime	480	shale	2300
shale	540	sdv lime	2305 HPW
sand	560	TD	
shale	640		
water sand	692		
shale	720		
lime	1013		
shale	1018		
red rock	1040		
shale	1050		
lime	1125		
shale	1130		
lime	1170		
shale	1335		
lime	1350		
shale	1375		
lime	1385		
shale	1630		
red rock	1635		
shale	1705		
slate	1710		
shale	1745		

770

Milliner well No. 1
 Location--NE/c of NW $\frac{1}{4}$ of sec. 29-20-13
 Lyon County, Kansas

29-20-13 E ✓
 Plotted
 C.H. Winfield,
 Kansas

Elev. 1141 P.O. + 98 White Phillips

soil and shale	0r 1132, 45.35	shale	2300
lime	50	sandy lime	2305 HFW
shale	110	Total Depth	2305
lime	150		
shale	205		
lime	213		
shale	220		
lime	225		
shale	240		
lime	250		
shale	260		
lime shell	300		
shale	320		
lime	330		
shale	340		
lime	345		
shale	380		
lime	480		
shale	540		
sand	560		
shale	640		
water sand	692		
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shale	1375		
lime	1385		
shale	1630		
red rock	1635		
shale	1705		
slate	1710		
shale	1745		
lime	1755		
shale	1775		
slate	1780		
shale	1820		
Miss. lime	2055		
lime	2080	HFW	
lime	2155		
slate	2175		
lime	2200		
shale	2237		
lime	2245		
shale	2260		
sandy lime	2263		
slate	2276		
lime	2280		
slate	2290		

DEC 10 1920

Bar KC

Top Miss

GEOLOGICAL DEPARTMENT
SOUTHWESTERN GAS COMPANY

INDEPENDENCE, KANSAS

29-20-13E^{PL}

LOG OF WELL

Company Waite Phillips Co. Farm Ed. Milliner Well No. 1
 State Kansas County Lyon S. 29 T. 20 R. 13 NE Cor NW¹/₄
 Commenced Drilling _____ Completed _____ Elev. _____
 Shot _____ Qts. from _____ to _____ I. P. _____ R. P. _____
 Casing: 19' 15¹/₂" Casing: 693' 12¹/₂" Casing: 1127' 10"
 Casing: 1844' 8¹/₂" Casing: 2251' 6-5/8" Casing: _____
 Tubing _____ Caged at _____ Packer at _____
 Contractor _____

soil & shale	35	red rock	1635
lime	50	shale	1705
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lime	150	shale	1745
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