

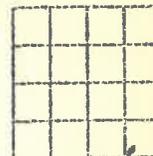
WELL LOG BUREAU -- KANSAS GEOLOGICAL SOCIETY
508 East Murdock, Wichita, Kansas

Company - ROBERT L. WILLIAMS
Farm - Murray No. 1

SEC. 1 T. 17 R. 11W
SW SE SE

Total Depth. 3401 . PB 3275
Comm. 3-23-50 Comp. 5-1-50
Shot or Treated. 5,500 acid
Contractor. Harms and Knight Drlg.Co.
Issued. 5-20-50

County. Barton
KANSAS



CASING:

10 3/4" 302' cem w/175 sx.
5 1/2" 339 1/4' cem w/225 sx.

Elevation.

Production. 516 bbls oil.

Figures indicate Bottom of Formations.

shale, shell	260	Coarsely oolitic lime, good porosity, fair sat.
redbed, shale	302	fair odor, free oil in wet samples, good spotted
shale	380	fluorescence 3162-93.
shale, sand	415	DST 3157-67, open 15 mins, rec. 60' gas cut mud,
shale, redbed	676	60' oil and gas cut mud and 60' very gassy oil and
anhydrite	700	water. Shut in pressure 517#.
lime, shale	750	Coarsely oolitic lime, strks good porosity & Sat
redbed, shale	1000	free oil in wet samples, good fluorescence 3222-32.
shale, shells	1200	DST 3222-35, packer leaked.
salt, shale	1325	DST 3225-35, open 1 hr, rec. 60' oil cut mud, 250#
shale, shells	1530	shut in pressure.
lime, shale	1925	Drusy fossiliferous oil stained lime, 3248-51.
lime	2005	Coarsely oolitic lime, spotted oil stain, very
lime, shale	2185	poor fluorescence, good por. 3261-69.
shale, shells	2830	Top Sooy Conglomerate 3365
lime	2945	Top Arbuckle 3388.
lime, shale	3090	Mealy dense, finely xlyn dolomite, no porosity, no
lime	3235	stain, no odor.
lime, shale	3310	Total depth 3395.
lime RTD	3395	
lime	3401	
Total depth	PB 3275	

Tops:

Topeka	2712
Heebner	2953
Brown Lime	3051
Lansing	3071
Sooy Conglomerate	3365
Arbuckle	3388

Show Oil 3225-3235'

Perf. 12% - 3225-3229'

" " 16% - 3225-3229'

Plug back 3250'P

Perf. 16% 3230-34'

Acid 500; 5 BOPH

Acid 5000; 15 BOPH.

Geological Report: R.B. measurements.

Top (Burlingame Limestone ?) 2505.

(strks of oil stain in slightly porous fusulinid limestone-occasional faint fluorescence.

Top (Howard?) 2607

Top Topeka 2712

(Wht sugary, slightly porous & slightly oil stained lime 2712-18. Fossiliferous lime/strks porosity & oil stain 2902-27'.

Heebner Shale 2953, slightly fossiliferous

lime, very poor porosity, slight oil stain 2971-79'

Top Brwn lime 3051. Top Lansing 3071, coarse

oolitic lime w/included heavy bituminous redue - good fluorescence 3104-08.

DST 3103-21, open 15 mins, rec. 240' mud 735# shut

in pressure. Brwn fossiliferous xlyn lime poor

por. 3140-3145.

DST 3140-50, open 45 mins rec. 45' gas cut mud,

shut in pressure 58#.