

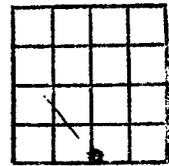
WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY
508 East Murdock, Wichita, Kansas

Company- GUY F. ATKINSON CO.
Farm- Peter M. Herman No. 3

SEC. 21 T. 13 R. 20W
SW SW SE

Total Depth. 3940'
Comm. 7-8-60 Comp. 7-23-60
Shot or Treated.
Contractor. S & C Drlg.
Issued. 10-29-60

County Ellis
KANSAS



CASING:
8 5/8" 230' cem w/180 sx.

Elevation. 2238' DF

Production. Dry

Figures indicate Bottom of Formations.

surface clay & gravel	35	#4 3603-3616', 13' of anchor; op 2 hrs. shut in 30 mins. each; very weak blow 2 mins; rec. 12' of Drlg. mud; IBHP 160#, IFP 0#, FFP 0#, FBHP 0#.
Fort Hays lime	155	
sand & gravel	168	
shale	560	
sand & shale	750	
sand	890	#5 3650-3660', 10' of anchor; op 30 mins. shut in 30 mins each; weak blow for 6 mins. rec. 20' med. oil cut mud; IBHP 1320#; IFP 0#, FFP 0#, FBHP 50#.
sand & shale	1275	
red bed & sand	1375	
shale & red bed	1572	
Anhydrite	1620	
shale & shells	2050	#6 3704-3735', 31' of anchor; op 30 mins. and shut in 30 mins, each; Weak blow for 1 min., rec. 11' drlg. mud; IBHP 480#, IFP 0#, FFP 0#, FBHP 190#.
shale & lime	2365	
lime & shale	2540	
lime	2600	
shale & lime	2702	
sand	2725	#7 3869-3875', 6' of anchor; op 2 hrs; shut in 30 mins., rec. 20' heavy oil cut mud and 10' free oil; IFP 0#, FFP 0#, BHP 0#.
sand & shale	2775	
shale & lime	2890	
lime & shale	2905	
shale & lime	2965	
lime & shale	3350	#8 3875-3885', op 2 hrs., shut in 30 mins. very weak for 32 mins. rec 29' fluid; 9' free oil & 20' oil cut drlg. mud; IFP 0#, FFP 0#, BHP 0#.
lime	3458	
lime & shale	3522	
lime	3760	
lime & shale	3835	
Conglomerate	3875	
Arbuckle	3940 RTD	
Total Depth		

TOPS:	ELECTRIC	SAMPLE
Anhydrite	1573	
Topeka	3244	3241
Heebner Shale	3477	3474
Toronto Lime	3499	3496
Lansing Limestone	3515	3512
Base Kansas City	3768	3765
Marmaton (. Cherty Lm.)	3814	3811
Arbuckle	3848	3845

Ran Schlumberger Survey.

DRILL STEM TESTS:

#1 3265-3276', 11' of anchor; op 2 hrs; weak to fair blow thruout test; rec. 260' muddy salt water - No show of gas nor oil; IBHP 1120#; IFP 0#, FFP 110#, FBHP 1000#; Tool shut-ins 30 mins. each.

#2 3503-3522', 19' of anchor; op 2 hrs. shut in 30 mins. each, good strong blow thruout test; rec. 810' muddy salt water; IBHP 1200#, IFP 0#, FFP 310#, FBHP 1000#.

#3 3533-3560', 27' of anchor; op 2 hrs. shut in 30 mins. each, good strong blow thruout test; rec. 1500' muddy salt water; IBHP 1190#, IFP 60#, FFP 720#, FBHP 1140#.