

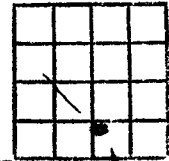
WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY  
508 East Murdock, Wichita, Kansas

Company- IMPERIAL OIL OF KANSAS, INC.  
Farm- Barnes No. 1

SEC. 33 T. 31 R. 7W  
NW SW SE

Total Depth. 4766'  
Comm. 9-11-60 Comp. 9-27-60  
Shot or Treated.  
Contractor. Imperial Oil of Kans.  
Issued. 11-26-60

County Harper  
KANSAS



Elevation. 1466' KB

Production. Dry

CASING:

8 5/8" 220' cem w/190 sx.  
5 1/2" 4765' cem w/200 sx.

Figures Indicate Bottom of Formations.

shale & shells	1590
shale & lime	1970
shale	2955
shale & lime	3520
shale & sand	3705
shale & lime	3944
lime	3982
shale & lime	4390
lime & chert	4508
lime	4620
lime & shale	4750
lime	4757
sand	4766 RTD
Total Depth	

TOPS:	SAMPLE	ELECTRIC
Elgin Sand	3095	3097
Heebner Shale	3259	3259
Stalnaker Sand	3601	3601
Kansas City Lime	3822	3824
Base Kansas City	4033	4032
Cherokee Shale	4229	4229
Mississippian	4392	4391
Misener Sand	4746	4743
Viola Dolomite	4747	4749
Simpson Sand	4753	4754

DST #1 3096-3102', op 1 hr, rec. 800'  
gas in pipe, 75' of gassy muddy oil &  
540' of SW, IBHP 1372#, IFP 95#, FFP 390#,  
FBHP 1325#/30 mins.

DST #2 3958-82', op 1 hr., rec. 510' of  
SW, IBHP 1660#, IFP 45#, FFP 245#,  
FBHP 1545#/30 mins.

DST #3 4394-4420', op 1 hr, gas to suff.  
in 9 mins., (too small to measure) Rec.  
110' of very heavily oil & gas cut mud;  
420' of gassy muddy oil. IBHP 1720# IFP 80#,  
FFP 150#, FBHP 1685#/30 mins.

DST #4 4420-35', op 90 mins., rec. 675'  
SW, IBHP 1730#, IFP 75#, FFP 360#, FBHP  
1655#/30 mins.

DST #5 4747-50', op 1 hr; gas to surf.  
in 7 mins (too small to meas.) Tool unloaded  
with 1910' of pipe in hole. Rec. 1230'  
of oil & water (60% oil), 680' of salt  
water. IBHP 1785#, IFP 150#, FFP 725#,  
FBHP 1770#/20 mins.

DST #6 4754-57', op 2 hrs., rec. 510'  
of SW, IBHP 1775#, IFP 30#, FFP 280#,  
FBHP 1770#/30 mins.