24 - 31 - 4W

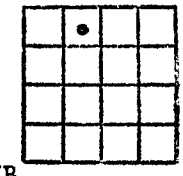
WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY
503 East Murdock, Wichita, Kansas

Company. IMPERIAL OIL OF KANSAS, INC.
Farm. Cole No. 4

SEC. 24 T. 31 R. 4W
C NE NW

Total Depth. 4433'
Comm. 8-21-60 Comp. 9-6-60
Shot or Treated.
Contractor.
Issued. 12-10-60

County Sumner
KANSAS



CASING:
8 5/8" 190' cem w/135 sx.
5 1/2" 4424' cem w/100 sx.

Elevation. 1358' KB

Production. 68 BOPD

Figures indicate Bottom of Formations.

shale & sand	190
shale & shells	860
shale & lime	4286
lime	4350
shale & lime	4418
sand	4431 RTD
sand	4433
Total Depth	

TOPS:

Kansas City Lime	3363
Base Kansas City	3603
Cherokee Shale	3803
Mississippi	3989
Kinderhook Shale	4228
Simpson Sand	4418

DST #1 4419-23', op 30 mins., weak blow, dead in 5 mins. Rec. 5' of drilling mud. IBHP 550#, FBHP 0#/30 mins.

DST #2 4419-25', op 2 hrs., good blow thruout, rec. 30' of very slightly oil cut mud. IBHP 1150#, FBHP 1230#/30 mins.

DST #3 4422-27', op 2 hrs, good blow thruout, rec. 1800' of gas in pipe. 70' of very heavily oil & gas cut mud. IBHP 1250#, FBHP 1440#/30 mins.

DST #4 4424-29', op 2 hrs., good blow thruout, rec. 2190' of gas in pipe. 40' of very heavily oil & gas cut mud, 60' of muddy frothy oil. IBHP 1570#, FBHP 1570#/30 mins.

DST #5 4424-31', op 2 hrs., gas to surf. in 1 hr & 55 mins., rec. 10' of very heavy heavily oil & gas cut mud; 210' of muddy oil. IBHP 1650#, IFP 0#, FFP 90#, FBHP 1650#/30 mins.