

WELL LOG BUREAU--KANSAS GEOLOGICAL SOCIETY

508 East Murdock,

Wichita, Kansas

4-32-7W

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

SEC. 4 T. 32 R. 7W
 SE SE NW

Total Depth. 4759'

Comm. 9-27-60

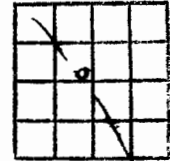
Comp. 10-12-60

Shot or Treated.

Contractor. Imperial Oil of Kans.

Issued. 11-26-60

County Harper
 KANSAS



Elevation. 1449' KB

CASING:

8 5/8" 156' cem w/150 sx.

Production. Dry

Figures Indicate Bottom of Formations.

shale & shells	1570
shale	1750
shale & lime	2010
shale	3209
shale & lime	3610
sand	3665
shale & lime	4400
lime & chert	4605
lime	4645
lime & shale	4720
shale	4735
sand	4759
Total Depth	

TOPS:	SAMPLE	ELECTRIC
Elgin Sand	3086	
Heebner Shale	3246	
Stalnaker Sand	3590	
Kansas City Lime	3817	3820
Base Kansas City	4029	4030
Cherokee Shale	4218	4219
Mississippian	4373	4374
Simpson Dolomite	4732	4734
Simpson Sand	4740	4742

DST #1 3087-94', op 30 mins., rec. 90'
 muddy SW, IBHP 1340#, IFP 0#, FFP 45#,
 FBHP 1295#/30 mins.

DST #2 3952-67', op 1 hr., rec. 320' muddy
 SW with scum of oil. IBHP 1675# IFP 45#,
 FFP 155#, FBHP 1575#/30 mins.

DST #3 4375-4400', op 1 hr, gas to surf.
 in 5 mins., too small to meas. Rec. 750'
 oil (20% water), 150' of clean salt water.
 IBHP 1730#, IFP 135#, FFP 345#, FBHP 1670#/30 min.

DST #4 4375-88' (Straddle) Failure, could not
 get to bottom of hole.

DST #5 4378-88 (Straddle) op 30 mins., rec. 3'
 drilling mud IBHP 75#, FBHP 15#/30 min.

DST #6 4733-36', op 1 hr, rec. 3' drilling
 mud, All pressures 0#.

DST #7 4734-42', op 1 hr; rec. 1830' of
 gas in pipe, 120' of very slightly oil
 & gas cut mud, 90' of salt water. IBHP 670#
 IFP 35#, FFP 75#, FBHP 1650#/20 min.