18-31-6W

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

Company- SKELLY OIL CO.
Farm- M.H. King No. 3

SEC. 18 T. 31 R. 6W
SW SE SE
990' fr EL 330 fr WL SE

County Harper
KANSAS

Total Depth. 4780' PB 4743½' SLM
Comm. 10-14-57 Comp. 11-4-57
Shot or Treated.
Contractor. Claude Wentworth Drlg. Co., Inc.
Issued. 1-18-58

CASING:
8 5/8" 597' w/350 sx cem.
5½" 4780' w/200 sx cem.

Elevation. 1523' DF

Production. 243 bbls.

Figures Indicate Bottom of Formations.

surface soil-sand	190	DST #4 - with two packers,
sand-shale-shells	685	top packer set @ 4736',
shale-shells	985	Btm. packer set @ 4750', used
shale	1150	16' anchor, open 1 hr., strong
shale w/lime stks	1240	blow immediately, gas to surf-
lime-shells	1340	ace in 5 mins., gas gauged 277
lime-shale	4326	MCF in 15 mins., gas gauged
lime	4354	196 MCF in 30 mins., gas gauged
chert	4377	139 MCF in 45 mins., gas gauged
chert	4407	98 MCF in 1 hr., rec. 1110' of
chert-lime	4530	oil, 90' of gas cut muddy salt
lime-shale	4583	wtr., IBHP-1690# in 20 min.
lime-chert	4593	IFP 648#, FFp-812#, FBHP-1630#
lime-shale	4603	in 20 mins.
lime-shale-chert	4628	
shale	4729	Cored fr 4729-4766'-Rec. 37'
sand	4786	
SLM Corr.	4780	Perf: 4732-4735' w/18 holes
Total Depth		4729-4732' w/18 holes.
PB	4743½' SLM	

Ran Schlumberger.

TOPS:	
Wellington	833
B/Wellington	1386
B/Neva	1984
Topeka	2846
Kansas City lime	3770
Marmaton lime	4058
Mississippi lime	4347
Kinderhook	4599
Simpson sand	4727

PRODUCING FORMATION
Simpson sand 4729-4735'

DST #1 - packer set : 4354', gas to surface in 27 mins. and tool plugged. Pulled tester and rov. 110' of slightly GCM, 90' of oil and GCM and 10' of free oil, BHP-1600#, no other pressures recorded.

DST #2 - packer set @ 4354', used 23' anchor, open 1 hr., gas to surface in 4½ mins., too small to gauge, rec. 60' of slightly oil and GCM, 30' of HO and GCM, 90' of muddy free oil, FBHP-1600#, no other pressured recorded.

DST #3 - packer set @ 4377', used 30' anchor, open 1 hr., gas to surface in 24 mins., too small to gauge, rec. 60' of GCM, 270' of oil and GCM and 180' of muddy salt wtr., IBHP-1702# in 20 mins. IFP-45#, FFP-223#, FBHP-1570# in 20 mins.