

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

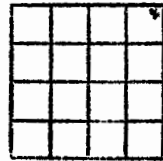
19-31-6W

Company- SKELLY OIL COMPANY
Farm- S. O. Bishop No. 1

SEC. 19 T. 31 R. 6W
NE NE NE
330' fr NL, 330' fr EL
NE/4

Total Depth. 4780' PB 4750'
Comm. 6-25-57 Comp. 7-18-57
Shot or Treated.
Contractor. Claude Wentworth Drilg. Co.
Issued. 9-21-57

County Harper
KANSAS



CASING:
8 5/8" 623' cem w/325 sx.
5 1/2" 4780' cem w/200 sx.

Elevation. 1529' DF

Production. Pot. 3,000 Bbls.

Figures indicate Bottom of Formations.

surface soil, sand and clay	40	Ran Schlumberger Survey
sand	80	Ran Lane Wells Gamma Ray
shale	145	
shale and red beds	510	Vis-O-Frac Treatment #1 between
shale	650	4726½' and 4731½', used 6000# of sand
shale & shells	1735	5000 gal. of regular crude oil, 250#
lime and shale	3838	Adomite, 148 barrels of oil to fill and
lime	3912	flush Maximum CP 2100#, minimum CP 1800#
buff, light lime	3915	Time 12 minutes.
buff, dolomitic lime	3925	
lime and shale	4344	Producing Formation Simpson Sand
chert, weathered and tripolitic	4358	Top 4726½' Bottom 4731½'
chert	4365	
chert, weathered & tripolitic	4382	
chert, calcareous	4395	
lime and shale	4721	
Cored from 4721' to 4760' recovered 39'		
sand	4780	
Total Depth		
Plug back to 4750'		

TOPS:
Kansas City Lime 3784
Marmaton 4072
Mississippi Lime 4350
Kinderhook Shale 4603
Simpson 4732

DRILL STEM TESTS (HALLIBURTON)

#1 packer set at 3912', used 13' anchor, open 45 mins., strong blow throughout test, recovered 1440' of gas, 105' oil and gas cut mud, and 75' of muddy salt water, IFP 30# FFP 105#, FBHP 1470# in 20 mins.

#2 packer set at 4345', used 20' anchor, open 30 mins., strong blow of air immediately, gas to surface in 1 min., gas gauged 1,630 M.C.F. increased to 2,190 MCF in 10 mins. gas stabilized in 20 mins. at 2,060 MCF, recovered 90' of gas cut mud, IBHP 1715#, IFP 235#, FFP 220#, FBHP 1701# in 20 mins.

#3 packer set at 4365', used 30' anchor, open 1 hr., strong blow of air immediately, gas to surface in 5 mins., too small to gauge, recovered 80' of gas cut mud, 120' of gas cut muddy salt water, IFP 40#, FFP 85#, BHP 1508# in 20 mins.

#4 with straddle packers, top packer set at 4725', bottom packer at 4743', used 17' anchor open 30 mins., strong blow immediately, gas to surface in 4 mins., gas gauged 310 M.C.F., recovered 435' of free oil, 60' of muddy oil, IBHP 1740#, in 20 mins., IFP 83#, FFP 166#, FBHP 1701# in 20 mins.