20- 31- 6W

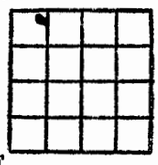
WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY
503 East Murdock, Wichita, Kansas

Company. SKELLY OIL CO.
Farm. A. C. Gish No. 4

SEC. 20 T. 31 R. 6W
NE NW NW
330' fr NL, 990' fr WL
of NW/4

Total Depth. 4770' PB 4741'
Comm. 3-26-57 Comp. 4-19-57
Shot or Treated.
Contractor. Claude Wentworth Drlg. Co.
Issued. 5-2-59

County Harper
KANSAS



CASING:
8 5/8" 629' cem w/300 sx.
5 1/2" 4770' cem w/200 sx.

Elevation. 1512' DF

Production. 1041 BOPD

Figures indicate Bottom of Formations.

surface soil, gravel, red rock	80
shale & shells	700
shale	845
shale, shells & salt	1150
shale and lime	1685
lime	1775
lime & shale	3846
sand and lime	3881
lime and shale	4342
gray to buff cherty lime	4345
green-gray shale	4347
light gray, fresh chert, partly weathered w/spotted black stain and white tripolitic chert	4368
partly weathered & tripolitic chert	4371
pale green shale	4372
partly weathered & tripolitic chert	4375
vari-colored shale	4378
partly weathered & tripolitic chert w/few pieces of light gray finely sucrosic dolomite	4385
same	4394
white and light gray partly tripolitic chert	4411
lime	4586
lime and shale	4711
Cored from 4711 to 4744' Recovered 33'	
sand and shale	4770
Total Depth	
Plugged back to 4741' SLM	

TOPS:

ellington	824
Base Wellington	1370
Base Neva	1961
Tarkio	2243
Topeka	2810
Kansas City Lime	3761
Marmaton Lime	4052
Mississippi Lime	4338
Kinderhook Shale	4584
Simpson Sand	4713

DRILL STEM TESTS: HALLIBURTON

#1 packer set at 4342', used 26' anchor, op 1 hr, gas to surface in 4 mins. gas gauged 100 M.C.F., rec. 60' of gas cut mud w/trace of oil, 180' oil & gas cut mud, 175' of muddy oil, and 5' of salt water, IBHP 1698#, IFP 81#, FFP 162#, FBHP 1578#/20 mins.

#2 packer set at 4370', used 15' anchor, op 1 hr, gas to surf. in 10 mins., gas gauged 75 M.C.F., rec. 60' of gas cut mud, 60' of heavy oil & gas cut mud, 180' muddy oil, 110' slightly mud cut oil, 10' salt water, IFP 53#, FFP 191#, BHP 1657#/20 mins.

#3 packer set at 4387', used 24' anchor, op 1 hr., fair blow throughout test, recovered 720' of muddy salt water, IFP 55#, FFP 412#, BHP 1605#/20 mins.

Ran Schlumberger Survey

Vis-O-Frac Treatment #1 between 4714' and 4719', used 6000# of sand, 6000 gals. of regular crude oil, 450# of Adomite 276 barrels of oil to fill hole & flush

Producing Formation: Simpson Sand
Top 4714' Bottom 4719'