

29 - 32 - 13W

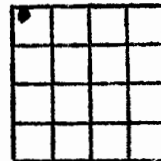
WELL LOG BUREAU--KANSAS GEOLOGICAL SOCIETY
508 East Murdock, Wichita, Kansas

Company- SKELLY OIL CO.
Farm- J. R. HopkinsNo. 1

SEC. 29 T. 32 R. 13W
NW NW NW
330' fr NL, 330' fr WL
of NW/4

Total Depth. 4996½' PB 4489'
Comm. 5-2-59 Comp. 5-31-59
Shot or Treated.
Contractor. Chas. Hulme Drlg.
issued. 10-10-59

County Barber
KANSAS



Elevation. 1796' DF

Production. 54 BO & NW in 24 hr.

CASING:

8 5/8" 313' cem w/250 sx.
5 1/2" 4654' cem w/200 sx.

Figures Indicate Bottom of Formations.

surface soil & red bed 308
shale & shells 820
shale 1150
shale & shells 1275
shale 1525
shale & shells 1860
shale & lime 1978
lime 2495
lime & shale 2733
shale 3060
shale & lime 3175
lime 3860
lime & shale 4035
lime 4435
lime, buff, medium crystalline,
very dense 4449
lime, tan, medium crystalline,
slightly oolitic 4453
lime, light brown, coarsely
crystalline 4473
lime 4483
lime, gray-brown, medium
crystalline, slightly oolitic
and vuggy, very fossiliferous
slightly oolitic 4493
lime, lgt gray, fine grained,
dense and tight 4497
lime 4501
lime, gray, medium crystalline
dense 4502
chert, white, to tan tripolitic,
slightly dolomitic 4521
chert, light brown weathered,
slightly tripolitic 4529
chert, lgt gry, translucent,
vitreous, fossiliferous 4556
lime 4664
chert & lime 4689
lime 4743
lime & shale 4796
shale 4829
lime, white, coarsely crystalline,
mottled 4867
cherty lime 4918
chert & dolomite 4934
cherty lime 4951
shale & sand 4980
cored from 4980-4986 Recovered 6'
cored from 4986-4996½ Recovered 10½'
Total Depth
Plugged back to 4489'

Simpson Shale 4943
Simpson Sand 4978

DRILL STEM TESTS: HALLIBURTON

#1 packer would not go below 3780', recon-
ditioned hole.

#2 packer set @ 4435', used 38' anchor, op
1 hr, very weak blow of air thruout test,
rec. 25' drilling mud, IBHP 135#/20 mins.
IFP 41#, FFP 55#, FBHP 110#/20 mins.

#3 packer set @ 4475', used 22' anchor, op
1 hr., gas to surf. in 12 mins., too small
to gauge, rec. 75' gas cut muddy oil, 360'
free oil (28° gravity), IBHP 1329#, IFP 55#
FFP 122#, FBHP 1005#/20 mins.

#4 packer set @ 4501', used 20' anchor, op
1 hr, gas to surf in 9 mins., too small to
gauge, ref. 110' heavily oil & gas cut mud,
IBHP 1600#/20 mins., IFP 40#, FFP 55#,
FBHP 1261#/20 mins.

#5 packer set @ 4521', used 35' anchor,
op 1 hr., good blow of air thruout test,
rec. 190' slightly oil & gas cut drilling
mud, IBHP 575#/20 mins., IFP 55#, FFP 109#.
FBHP 203#/20 mins.

#6 packer set @ 4830', used 37' anchor, op
30 mins., no blow, rec. 95' drilling mud,
IBHP 215#/20 mins., IFP 55#, FFP 55#,
FBHP 120#/20 mins.

#7 packer set @ 4982½', used 14' anchor,
op 35 mins., no blow air or gas, rec. 5'
drilling mud, IBHP 12#/20 mins., IFP 12#,
FFP 12#, FBHP 12#/20 mins.

Ran Schlumberger Survey.

Perf: 4510-4517' - 28 holes
4500-4510' - 40 holes

Acidized 4500-4517' 6-5-59

Sand-Oil-Frac 4500-4517'

Perf. 4479-4488- 53 holes

Acidized between 4479 and 4488' 6-9-59

Acid-Frac between 4479 and 4488'

Perf: 4479-4487' - 32 holes

Vis-O-Frac Between 4479-4487'

Acid-Frac 4479-4487'

Acidized between 4479 and 4487' 6-27-59

TOPS:

Heebner Shale 3480
Lansing Lime 4034
Base Kansas City 4431
Marmaton Lime 4440
Massey Zone 4479
Mississippian 4499
Kinderhook Shale 4751
Viola Lime 4826

Producing Formation: Massey Zone
Top 4479' Bottom 4487'