

WELL LOG BUREAU--KANSAS GEOLOGICAL SOCIETY

508 East Murdock,

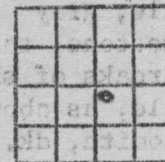
Wichita, Kansas

Company- FRED J. AYESH
Farm- Neubecker No. 1

SEC. 13 T. 31 R. 8E
NW NW SE

Total Depth. 2387'
Comm. 7-31-58 Comp. 10-31-58
Shot or Treated.
Contractor. Fester Drlg. Co.
Issued. 3-14-59

County Elk
KANSAS



Elevation. 1167' DF

Production. 10 BOPD

CASING:

8 5/8" @ 83'
4 1/2" @ 2384'

Figures Indicate Bottom of Formations.

All measurements are from Top of the K.B.

surface hole - no log	83	limestone, brown, subcrystalline to finely crystalline	1583
shale & limestone	140	shale, gray, strks. limestone as above	1594
limestone & shale	390	limestone, dk. dirty gray, subcrystal-	1607
limestone	495	line to dense	1643
limestone & shale	540	shale, gray & br., possible thin lime-	1669
limestone	550	stone strks.	1681
shale	685	limestone, tan to brown, shaly	1687
limestone & shale	900	shale, gray	1700
limestone	1000	limestone as above	1701
shale, dk. gray, some br. shale	1064	limestone, tan to brown, fossiliferous,	1709
strks. limestone, tan dense to fine-	1070	ly crystalline. Trace vugular	1712
ly crystalline	1086	porosity 1690-95	1726
shale, as above	1114	porosity 1702-07	1728
sand, wh. med. angular. Some coarse	1140	shale, brown & gray	1733
grains	1156	limestone, gray to tan, chalky.	1744
limestone, lt. tan to wh., chalky to	1189	Possible porosity 1714-21	1807
finely crystalline, fossiliferous	1198	shale, gray	1818
shale, green, gray & brown, strks.	1215	limestone, gray to brown, sucrose,	1826
limestone, gray, yellow, pink, finely	1229	oolitic & oolitic, good porosity	1833
crystalline	1268	shale, black	1836
limestone, wh. to lt. gray, chalky to	1295	limestone, gray to brown, subcrystal-	1857
finely crystalline	1314	line to dense	1888
shale, gray	1338	shale, gray, green, brown	1901
limestone, lt. tan, to gray, chalky	1346	streaks limestone, dk. brown to blk.	1905
to finely crystalline, fossiliferous	1352	dense, resinous, fossiliferous	1911
Possibly porous 1198-1204	1387	shale, as above	1926
shale, gray & brown	1395	limestone, tan, dense to chalky	1932
limestone, wh. to lt. tan. sub-	1438	sand, very fine, gray, silty mic.	1939
crystalline, chalky	1457	shale, gray	1960
limestone, tan, sucrose, very oolitic,	1504	shale, blk & thin strks of dk. gray	1974
very porous	1507	to dk. br., limestone, dense resinous	1980
limestone, tan to gray, finely	1516	limestone, gray to tan, subcrystal-	1982
crystalline to subcrystalline	1519	line	1988
limestone, as above, shaly	1553	shale, gray	1993
shale, gray	1557	limestone, tan to buff, dense to	2000
limestone as above, some resinous	1567	sucrose. Some oolitic porosity	2008
shale, gray, green, brown, some sdy.	1569	shale, gray	2021
shale	1575	limestone, as above	2025
limestone, tan to resinous brown,	1578	shale, black	2032
dense to finely crystalline		limestone, as above	2043
shale, gray, micaceous		limestone, buff, sucrose to crystal-	2047
shale, gray to green gray. Thin strks.		line. Pin-point & vugular por.	
limestone, brown to tan, mottled		limestone, tan, subcrystalline to	
finely crystalline		brown, dense. Trace shale strks.	
shale, as above		shale, black	
limestone, dk. brown, resinous,			
dense			
sand, wh. to gray, fine micaceous, shaly			
sand, lt. gray, fine to submed. angular,			
micaceous, possibly porous			
sand as above & shale			
Cored 1519-53 (See core record)			
shale, gray			
sand as above			
shale, gray			
sand as above			
shale, gray			

limestone, brown, finely crystalline 2053
 shale, black 2056
 sand, fine, green, shaly 2064
 shale, gray, green-gray, trace of brown. Some thin shaly sand strks. 2224
 a few thin limestone strks. 2224
 sand, wh. to lt. gray with green spots; med. angular, micaceous 2230
 shale, gray 2245
 limestone, tan finely crystalline. Streaks of shale 2252
 shale, as above 2327
 dolomite, dk. brown, granular, shaly 2385
 dolomite, dk. brown, granular, shaly 2387

Total Depth
 TOPS:
 Stalnaker 1086 - 1114
 Top Lansing (Scout) 1118
 Base Lansing 1314 - 1338
 Bonner Springs 1338 - 1346
 Top Layton 1504
 Layton Sand (Scout) 1521
 Top K. C. limestone 1578 - 1583
 Base Kansas City 1744 - 1807
 Pawnee 1888 - 1911
 Peru 1911 - 1926
 Ft. Scott 1974 - 2053
 Base Ft. Scott (Scout) 2057
 Peru 2056 - 2064
 Top Mississippi 2327

Core #1. 1524-58 (1519-53 drilling measurements) Rec. 34' of Layton Snd & shale.
 1524-30 1/3 Sand, lt. gray, fine, tight, slight gas odor. No show.
 1530 1/3 - 31 1/3 Shale, gray, with fine laminae of sand as above.
 1531 1/3 - 33 Shale, with thicker sand streaks.
 1533 - 36. Sand as above, many gray shale streaks, slight gas odor.
 1536 - 37. Shale & sand strks. (half sand and half shale)
 1537 - 41½. Sand as above, some shale laminae, slight gas odor.
 1541½ - 42½. Sand & shale in alternate thin streaks.
 1542½ - 50. Sand as above, a few thin shale laminae. Occasional traces of gas odor.
 1550 - 51. Sand as above, many thin shale strks. No odor.
 1551 - 54. Shale & sand in intercalated laminae.
 1554 - 55. Sand as above, a few thin shale laminae.
 1555 - 58. Shale, gray, with many very thin sand laminae.
 Note: This core contained no oil shows and no gas bubbles were visible.

DST #1. 1521-58. (1516-53 drilling measurements) Layton Sand 8-7-58 - Halliburton - Single packer. Open 1 hr. very small blow for 15 min. Rec. 180' mud - no oil, gas, or water. Found a hole in the drill pipe. Pressure charts showed approx. 500 P.S.I. throughout test.
 DST #1-A 1526-58 (1521-53 drilling measurements) Layton Sand 8-8-58 - Halliburton - Single Packer. Open 1 hr. -

had a very small blow for 5 min. Rec. 260' mud, no oil, gas or wtr. Again had a hole in the drill pipe. Pressure charts showed 260 P.S.I. throughout test & during shut in time.
 D.S.T. #2. 1694-1710 (1689 - 1705 drilling measurements) K.C. Zone - #1 & #2 - 8-13-58. Halliburton - Single Packer open 1 hr. very small blow for 10 min. Rec. 18' mud, no oil, gas or wtr. IBHP 53 P.S.I. (30 min.) IFP 0; FFP 12 P.S.I. FBHP 530 P.S.I. (1 hr. - reached static in 45 min.)
 DST #3. 2027-49 (2023-45 drilling measurements) Ft. Scott Zone #2 - 8-15-58 Foster - Single packer. Took 30 min. initial shut in pressure and then opened tool. Packer would not hold.
 DST #3-A. 2011-49 (2007-45 drilling measurements) Ft. Scott Zone #2 - 8-15-58 Foster - Double packer. Open 1½ hrs - very small blow throughout test. Rec. 270' gas, 45' fairly heavily oil cut mud. Oil is a light yellow color. IBHP 760 P.S.I. (30min. - did not quite reach static) IFP 0; FFP 0; FBHP 720' P.S.I. (30 min. did not quite reach static.)

Drillers Log 0-1000; Sample log 1000-T.D. No show 1198-1215. No show 1516-19. Good odor, trace of free oil, fair stain 1687-1700. No show in samples 1712-26. Good odor, trace free oil, spotted stain 1728-33. No show 1833-1901. Slight odor, spotted stain 1983-1996. Very good odor, very good stain and show free oil D.S.T. #3, 2025-32. Cowley facies 2327-85, still in Mississippi.

Ran Electric log and set 4½" csg. @ 2384'