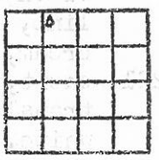
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
508 East Murdock, Wichita, Kansas

Company. RINE DRILLING
Farm. Hoener "B" No. 3

SEC. 35 T. 26 R. 13W
NW NE NW

Total Depth. 4348'
Comm. 11-25-54 Comp. 1-14-55
Shot or Treated.
Contractor.
Issued. 1-29-55

County Pratt
KANSAS



Elevation. 1942' DF

Production. 169 BO

CASING:
8 5/8" 1193'
5 1/2" 4326'

Figures indicate Bottom of Formations.

30 sand & surface clay
250 sand
730 sandy shale and shells
760 shale
795 chalky limestone
1110 shale
1206 shale and shells
1360 shale and shells
1875 sandy shale and shells
2000 shale and limestone streaks
2190 limestone and shale
2345 shale and limestone
3460 limestone and shale
3500 limestone and shale
3532 limestone, white to cream, finely crystalline to finely sucrose, slightly dolomitic; spotted vugular porosity.
3539 shale, gray and gray-black
3551 limestone, tan to white, finely crystalline, spotted vugular porosity.
3559 shale, brown-black to gray-black, soft
3562 limestone, brown, sub-crystalline to tan, dense
3573 shale, gray and gray-green
3589 limestone, cream to buff, finely crystalline to sub-crystalline
3614 shale, gray, gray-green and gray-black, trace fine, gray siltstone
3653 sand, fine gray, argillaceous, finely micaceous; porous 3622-53.
3715 shale, gray and gray-green; thin streaks sand, as above
3723 limestone, brown, dense, resinous.
3740 mostly shale, gray; streaks limestone, as above
3765 limestone, gray to tan subcrystalline to finely crystalline; streaks gray and brown shale.
3777 limestone, light tan to cream, finely crystalline; spotted vugular porosity
3791 limestone, gray, sub-crystalline, very shaly
3802 limestone, light tan, very finely sucrose, oolitic; spott3d inter-oolitic porosity
3833 limestone, gray to tan to salmon, sub-crystalline to dense; trace gray, opaque chert; no porosity in samples.
3836 limestone, tan, sub-crystalline; spotted fine vugular porosity
3844 shale and limestone streaks
3855 limestone, cream, sub-crystalline; chalky; spotted vugular porosity; chert, gray, opaque
3859 shaly limestone
3868 limestone, tan, finely sucrose; fine pinpoint porosity; chert, gray, opaque, sub-vitreous.
3874 limestone and chert, as above. no porosity
3880 limestone, tan to brown, sub-crystalline; spotted vugular porosity; chert, as above
3892 limestone, brown, dense; streaks gray-black shale
3895 limestone, brown, very finely sucrose, oolitic; good oolicastic porosity
3907 limestone, tan to gray, sub-crystalline; streaks gray shale
3913 limestone, light tan, sub-crystalline; spotted vugular porosity
3926 limestone, tan, sub-crystalline, oolitic to tan, dense; streaks gray shale
3929 limestone, tan to buff, sub-crystalline, crypto-oolitic; fair vugular porosity.
3936 limestone, tan, dense
3948 limestone, tan to buff, finely sucrose, oolitic; good oolicastic porosity
3960 limestone, light gray, dense, lithographic; chert, blue-gray, opaque, figured
3963 limestone, tan, sub-crystalline, very finely sucrose, oolitic; fair oolicastic porosity
3971 limestone and brown shale streaks
3982 limestone, tan, sub-crystalline large irregular oolites; good oolicastic and vugular porosity
4014 limestone, tan to gray, sub-crystalline to dense; streaks gray and black shale
4020 limestone, tan to brown, sub-crystalline; spotted vugular porosity 4014-17 and 4019-20
4057 limestone, tan to blue-gray, sub-crystalline and tan, dense, lithographic; streaks shale, as above
4067 shale, gray-green, gray and brown, some silty
4073 limestone, salmon to tan, sub-crystalline.
4083 shale, as above
4127 limestone, tan to brown, mottled, sub-crystalline to dense, resinous; much salmon to gray, vitreous, translucent chert; streaks pale green to gray to maroon shale
4135 shale, as above

(OVER)

Rine Drilling Co. Hoener "B" No. 3
Sec. 35-26-13W NW NE NW

4141 dolomite, dirty brown, finely crystalline; less chert; much silicified limestone
4151 shale, as above
4162 chert, white, opaque to translucent, vitreous; chert, white to tan, semi-devitrified; chert, salmon and white figured
4187 mostly shale, gray-green to gray black; streaks brown, sub-crystalline, resinous limestone; chert, cream, opaque, figured
4221 chert, white, opaque to semi-translucent, lacy, vitreous; chat; white, divitrified to brown and white, mottled, devitrified, chert, salmon, semi-translucent and pale green, opaque to semi-translucent.
4224 limestone, white, finely crystalline to coarsely crystalline; sandy
4230 shale, pale to bright green, sandy; trace white, medium, angular sand
4247 dolomite, brown to yellow-tan, finely crystalline to coarsely crystalline, sandy; trace spotted vugular porosity
4251 sandy shale, as above
4259 sand, tan, well sorted, medium sub-angular to angular
4279 mostly shale, gray-green to bright green to black; thin sand streaks
4285 sand, light tan, medium to coarse, poorly sorted
4321 shale, bright green to gray-green to maroon; thin streaks poorly sorted sand
4332 dolomite; cream, medium crystalline, sandy; dolomite, cream to gray, coarsely crystalline to finely crystalline, rhombohedral; trace white, opaque chert
4335 dolomite, tan, finely crystalline to finely sucrose, spotted vugular porosity
4338 dolomite, cream to tan, finely crystalline
4340 dolomite, porous, as above; trace salmon to white, translucent, oolitic chert.
4340 Rotary total depth
4342 no sample description
4344 dolomite, white, coarsely crystalline to medium-fine crystalline; poor to fairly good porosity in 20% of sample
4348 much clear glassy dolomite; some medium cyrstalline to finely crystalline dolomite; 15% of sample had poor to fairly good porosity
Total Depth

Tops:

| | |
|---|---|
| Heebner | 3551 |
| Leavenworth | 3559 |
| Snyderville | 3562 |
| Toronto | 3573 |
| Top Douglas | 3589 |
| Brown Lime | 3715 |
| Lansing | 3740 |
| Base Kansas City | 4057 |
| Marmaton | 4057 |
| Mississippi | 4151 |
| Kinderhook | 4162 |
| Viola | 4187 |
| Simpson | 4224 |
| Arbuckle | 4321 |

Shows:
3500-3532, no show; the samples are practically worthless from 3500-3800 and very bad to 3900
3539-3551, no show
3615-3653, no show
3765-3777, slight odor, no free oil (?)
3791-3802, trace stain
3802-3833, electric log shows streak porosity 3825-27
3833-3836, spotted stain
3844-3855, trace stain
3859-3868, fair spotted stain
3874-3880, fair stain
3892-3895, good stain
3907-3913, spotted slight show free oil
3926-3929, good odor, slight to fair show free oil
3936-3948, good odor, good show free oil
3960-3963, good odor, fair to good show free oil
3971-3982, good odor, good show free oil
4014-4020, slight stain
4135-4141, trace stain
4187-4221, slight odor, slight show free oil
4230-4247, trace odor, slight stain?. no porosity on electric log
4251-4259, very slight stain, fair odor, no free oil
4279-4285, light stain, possibly oil ?
4332-4335, good odor, very slight show free oil
4338-4340, good odor, very slight show free oil
4342-4344, fair oil saturation
4344-4348, fair saturation
DRILL STEM TESTS:
#1 3763-78, open 1 hr., strong blow throughout test, gas to surface in 4 min. Gauge: 887,000 CFG @ 10 min, 887,000 CFG @ 30 min, 954,000 CFG @ 40 min, 1,020,000 CFG @ 1 hr. Rec. 30' gas cut mud ) BHP 1405# (20 min) IFP 85#
#2 3935-49, open 1 hr., good blow throughout test, gas to surface in 40 min. not enough to gauge, Rec. 65' slightly oil & gas cut mud, 60' heavily oil & gas cut mud & muddy oil, 40' muddy oil, 20' muddy water. BHP 971# (20 min - still building up rapidly)
#3 3959-79, open 1 hr, strong blow throughout test, gas to surface in 2 min. Gauge: 353,000 CFG @ 5 min, 293,500 CFG @ 25 min, 249,000 CFG @ 1 hr. Rec. 225' heavily oil & gas cut mud 15' clean oil BHP 1385# (30 min) IFP 93#, FFP 119#
#4 4179-4213, open 1 hr., good blow throughout test, Rec. 1400' gas 90' gas cut mud, BHP 315# (30 min)
#5 4230-64, open 1 hr., strong blow throughout test, gas to surface in 4½ min. Gauge: 196,000 CFG @ 10 min, 240,000 CFG @ 20 min, 277,000 CFG @ 30 min, 277,000 CFG @ 1 hr. Rec. 70' gas cut mud BHP 1315# (30 min)
#6 4323-40, open 1 hr., good blow throughout test Rec. 3700' gas, 31' very heavily oil & gas cut mud, 126' muddy to clean oil, 126' clean oil, BHP 1460# (30 Min) IFP 30# FFP 110#