

WELL LOG BUREAU--KANSAS GEOLOGICAL SOCIETY

508 East Murdock,

Wichita, Kansas

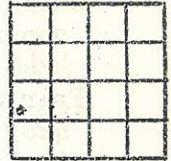
Company- R. W. RINE DRILLING COMPANY
Farm- Jo No. 5

SEC. 33 T. 26 R. 13W
SW NW SW

Total Depth. 4480
Comm. 1-11-53 Comp. 3-18-53
Shot or Treated.
Contractor.
Issued. 4-18-53

County Pratt

KANSAS



Elevation. 1964 DF

Production. 153 BO & 11% wtr.

CASING:

8 5/8" 847'
5 1/2" 4467'

Figures indicate Bottom of Formations.

drillers log 0-3500
sand, shale & shells 540
red bed & shale 820
anhydrite 850
shale & shells 2150
limestone & shale 2340
limestone 2475
limestone & shale 2790
shale 2960
limestone & shale 3500
limestone, gry to buff
sucrose, good vugular
porosity; good stain 3535
limestone, sub-xyln 3539
limestone, brown, 3560
shale 3563
limestone, brown, 3605
limestone, brown,
strks blk shale 3625
shale brown 3630
limestone gry-brown 3634
shale gry-green 3643
limestone, shale 3670
shale, gry-green, strks
sand 3678
limestone, choc, brown 3683
sand, shale gry-green 3776
limestone brown 3783
shale strks limestone 3801
limestone, sub-xyln
brown, chert, strks
gry-green shale 3825
limestone, dolomitic 3841
limestone brown, strks
gry shale 3851
limestone, 3867
limestone brown choc,
tr, gry-brown shale,
chert, gry-green
shale 3903
limestone, brown,
chert 3916
limestone brown, chert
3919
limestone, chert 3932
limestone, chert 3935
limestone brown, chert
brown 3942
limestone, shale brown
chert 3952
limestone 3956
limestone, chert- 3968
limestone, brown 3974
limestone brown strks
gry-green & brown
shale 3987
limestone brown 3991
limestone brown 4001

limestone brown 4011
limestone brown 4020
limestone 4025
limestone & shale
streaks 4031
limestone 4036
limestone gry-brown
shale 4071
limestone brown 4076
limestone brown choc.
brown, strks shale gry-
blk to brn-blk 4123
shale gry-green 4131
limestone brown,
chert tan to salmon 4136
limestone brown, chert
shale brown & green 4162
limestone 4175
chert, limestone wht to
brown to gry-green 4193
shale gry-green &
brown 4198
chert, brown, some gry-
green shale 4211
shale gry-green 4217
chert, dirty brown,
limestone 4246
shale green-gry 4252
chert, salmon to light
brown 4269
limestone, dirty gry-
green to brown, strks
shale 4302
chert, brown 4338
limestone, sand grains
4342
shale bright green gry-
green sandy 4348
sand, brown green
dolomitic 4357
dolomite, brown, strks
bright green shale 4376
shale gry-green 4378
sand brown, strks
shale 4386
shale, gry-green, strks
sand brown 4432
dolomite 4435
dolomite brown, chert 4444
dolomite 4448
dolomite brown, some
chert 4456
dolomite 4461
dolo, brown, chert 4466
dolomite 4471
dolomite sub-xyln 4476
dolomite 4480
Total Depth

Tops:

Stone Corral 850
Heebner 3625
Leavenworth 3630
Snyderville 3634
Toronto 3643
Douglas 3670
Brown Lansing 3776
Lansing 3801
Base-Kansas City 4123
Marmaton 4123
Miss. 4198
Kinderhook 4246
Viola 4302
Simpson 4342
Arbuckle 4432

Note: The oil stains encountered in the Topeka are probably a result of drilling with oil emulsion mud. It was found through testing this mud that it did leave a deposit of oil in the pore spaces. However, these samples were examined dry and we cannot be certain that the wet samples didn't carry free oil. Very good stain 3539-60' Fair to good stain 3563-3605' good show free oil 3825-3841' Spotted fair stain 3851-3867' Fair stain 3903-3916' Slight stain 3919-3932' No porosity 3932-3935' Slight stain 3935-3942' Fair show free oil 3952-3956' Fair to good show free oil 3968-3974' Good show free oil 3987-3991'. Fair to good show free oil 4001-4011' Spotted stain 4020-4025' Fair dark stain 4031-4036' Good stain 4071-4076' Trace stain 4131-4136' RTD OVER

Cont'd.

Company- R. W. RINE DRILLING COMPANY

Farm - No. 5 Jo

33-26-13W

S7 NW SW

Trace stain 4162-4175'

slight show free oil

4198-4211'

Slight to good brown

stain no free oil 4217-

4246'

Fair show free oil 4252-

4269'

slight show free oil 4302-

4338'

Slight show brown flaky

oil 4348-4357'

Fair show free oil 4378-

4386'

Fair show free oil 4435-4444'

No porosity 4444-4448'

Spotted show free oil 4448-56'

No porosity 4456-61'

No show 4461-66'

No show 4471-76'

DST: 3819-42' open 1 hr.

strong blow which decreased

to small blow at end of test.

rec. 90' gas cut mud BHP 195#

20 min.

DST: 3961-75' open 1 hr. weak

blow which died in 20 min.

started weak intermittent blow

at 30 mins. and blew till end

of test. rec. 20' mud. BHP 15#

20 mins.

DST: 3987-4010' open 1 hr. good

blow decreasing to fair blow

at end. rec. 60' thin gassy mud;

possibly some water; bomb had

clean dark oil on it. BHP 345#

20 min.

DST: 4192-4210; open 45 mins.

weak intermittent blow through-

out test. rec. 10' mud. BHP 30#

15 mins.

DST: 4250-70' open 1 hr. strong

blow throughout; gas in 4 mins.

rec. 90' medium oil & gas cut mud.

BHP 1180# 20 min. I.F.P. 40#.

F.F.P. 45#.

DST: 4291-4340' open 1 hr. strong

blow throughout; gas in 4 mins.

rec. 1670' clean gassy oil.

BHP 1150# 20 mins.

IFP 130# FFP 480#.

DST: 4375-87' open 1 hr. fair

blow which decreased to small

blow and died in 50 mins. rec.

20' mud. BHP 70# 20 mins.

Note: all measurements are taken
from the top of the rotary bushing
which is three feet above the
derrick floor.