

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

Company- SCHAFFER & ROSS
 Farm- Seidel

No. 1

SEC. 19 T. 27 R. 12W
 NE NE NW

Total Depth. 4345 RB
 Comm. 12-9-52 Comp. 2-18-53
 Shot or Treated.
 Contractor.
 Issued. 3-28-53

County Pratt

KANSAS



CASING:
 8 5/8" 357'
 5 1/2" 4350'

Elevation. 1879 D.F.

Production. Flow 426 bbls. / 6% wtr

All Meas. from top of RB which Figures Indicate Bottom of Formations.
 is 31' above the Derrick floor:
 Drillers log 0-3400

surface clay, sand	10	lime, chert	3874
shale, sand	129	lime, much shale	3882
shale	190	lime. No Show	3886
shale, shells	220	lime, brown; much	
red bed	665	gry shale	3897
anhydrite	710	lime Fair show	
red bed, shale	790	free oil much dead	
red bed, shale, shells	1230	black oil; D.S.T.	3903
shale	1820	limestone	3913
shale, limestone	1885	lime. Show oil,	
limestone	2115	as above; D.S.T.	3919
limestone, shale	2495	lime, brn-gry dense;	
shale	2640	much gry-brn shale	3928
limestone, shale	3315	lime. Slight show	
limestone	3400	free oil, no odor	3937
Sample log 3400- to T.D.		limestone brn; much	
lime, shale gry-brn	3400-12	gry-grn & brown	
lime gry-brn	3418	shale	3959
shale, lime No Show	3429	lime. Good stn	3968
lime No Show	3437	lime, tan & brn;	
lime, shale strks		strks gry-brn &	
No Show	3444	blk shale	4049
lime. No Show	3468	limestone, as	
lime. No show	3473	above	4058
lime. No show	3480	shale mostly, grn-	
limestone, blk micaceous		gry, slightly silty;	
shale	3494	strk limestone	4081
limestone brn-buff.		lime; chert brn	4096
good vug. poro. N.S.	3511	lime, grn-gry; chert;	
shale brn-blk	3516	much shale	4118
lime gry-brn	3524	chert, trace blk	
shale brn-blk	3528	stain.	4130
lime brown	3532	Mississippi Zone	4118-
shale gry-grn, some		30 Trace gas bubbles	
brown	3540	shale mostly, gry-grn,	
lime, much shale	3561	trace purple	4145
shale mostly gry-grn;		chert, citrine to	
much sand gry-grn.	3698	red; green-gry	4161
lime brown	3706	Main Chert Zone	4145-
shale gry-brn; strks		61. Fair drk stn	
lime	3721	trace gas bubbles	
lime.	3749	D.S.T.	
streak gry-brn shale		shale, gry-grn; trace	
3747-49		brn shale; trace grn	
lime gry-brn. Trace		limestone	4170
odor, fair show free		chert, wht-brn.	
oil D.S.T.	3763	D.S.T.	4193
lime drk gry-brn; shale		shale; strks	
gry-brn	3775	lime; possible	
limestone. Slight		trace chert	4225
stain, no free oil	3784	chert. Much dark	
lime; shale gry-brn	3821	brn -blk dead stn	
lime; possible slight		no odor or live oil	
show free oil	3825	D.S.T.	4256
limestone	3838	lime sd; some	
lime. Trace stain	3848	grn shale	4263
limestone, shale strks	3852	shale, grn, sd,	
lime, xyn, chalky.		grading into sand,	
fair pinpoint & vug.		some pink; many med.	
porosity. N. S.	3867	sized phosphate nod.	4273

Cored 4270-4315
 dolomite tan to lgt brn
 sd. No odor or stn 4276
 dolomite, lgt to drk brn,
 slightly sd. No odor
 or stain 4282
 shale, blk, waxy, very
 sandy, slowly bleeding
 oil from fissures. Good
 odor 4285
 shale, gry-grn, slightly
 sandy pyritic. Many
 phosphate nodules 4288
 sand, quartzitic; strks
 pale green shale; fissures
 in sand bleeding oil
 Good odor 4292
 sand, pale grn, very shaly
 No show 4294
 sand, wht to lgt grn,
 quartzitic, bleeding oil
 from fissures. Fair sat.
 good odor 4300
 sand, quartzitic. Slt
 spotted stn. No free
 oil 4326
 shale, drk gry-grn 4329
 sand, quartzitic, slightly
 dolomitic, conglomeratic,
 many shale, mudball incl.
 in sand, pyritic 4334
 shale, strks sand quart-
 zitic 4345
 Total Depth

Tops:
 Stone Corral 665
 Heumander 3511
 Plattsmouth 3516
 Heebner 3524
 Leavenworth 3528
 Snyderville 3532
 Toronto 3540
 Douglas 3561
 Brown Lansing 3698
 Lansing 3721
 Base Kansas City 4058
 Marmaton 4058
 Mississippi 4118
 Kinderhook 4161
 Viola 4225
 Simpson 4263

Drill Stem Tests:
 Lansing: D.S.T. 3742-65
 (Lansing Zone
 #1)
 open 1 hr, strong blow through
 out gas to surface in 1 hr.
 Recovered 190' heavy oil, 90'
 clean oil. MP-1350# (20 min.)
 (over)

No 1 Seidel
19-27-12W
NE NE NW

(cont.)

IFP 0, FFP 100#.

D.S.T. 3889-3923 (Lansing Zone #7 & 8) Open $1\frac{1}{2}$ hrs, weak blow for 22 mins., dead for 30 mins., weak blow for 20 mins. Recovered 360' gas & 40' gas cut mud. BHP 0#, (20 minutes)

Mississippi: D.S.T. 4109-59; open $1\frac{1}{2}$ hrs. fair blow for 30 mins., decreased to occasional bubble by 47 mins., suddenly increased to good blow at 55 minutes. Rec. 690' gas & 137' gas cut mud. BHP 150# (20 mins.).

Kinderhook: DST 4170-95: Open 1 hr, small blow throughout. Recovered 40' mud, no oil, gas or water. BHP 0# (20 mins)

Viola: D.S.T. 4216-58: Open 1 hr, small blow throughout. Recovered 30' mud, no oil, gas or water. BHP 0# (20 mins).

Shows: Fair vugular porosity. No show 3412-18

No show 3429-37

No show 3444-68

No show 3473-80

No show 3494-3511

Trace odor, fair show free oil 3749-63

Slight stain, no free oil 3775-84

Possible slight show free oil 3821-25

trace stain 3838-48

no show 3852-67

no show 3882-86

Fair show free oil much dead, black oil 3897-3903

show oil, sas above 3913-19

Slight show free oil, no odor 3928-28

Good stain 3959-68

Porous on electric log 4049-54

Trace gas bubbles, trace live oil 4118-30

Fair dark stain, trace gas bubbles 4145-61

Much dark brown to black dead stain,

no odor or live oil 4225-56

Slight spotted stain, slight trace

odor 4270-4315

No odor or stain 4273-76

No odor or stain 4276-82

Good odor 4282-85

Good odor 4288-92

No show 4292-94

Fair saturation, good odor 4294-4300

Slightl spotted stain, No gre oil 4300-26

Note: There is an 8' difference between drilling measurements and electric log measurements from 3400 to approximately 4280, i. e. 3408 electric log = 3400 drilling measurements, From 4280 to the total depth the electric log measurements are 10' deeper than the drilling measurements. The drilling measurements have been used in this formation log.