

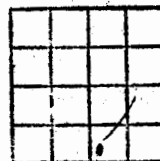
WELL LOG BUREAU--KANSAS GEOLOGICAL SOCIETY
508 East Murdock, Wichita, Kansas

Company- BRADEN DRILLING CO.
Farm- Zerfas No. 1

SEC. 31 T. 11 R. 19W
SW SW SE

Total Depth 3797
Comm. 5-21-52 Comp. 6-4-52
Shot or Treated.
Contractor.
Issued. 7-19-52

County Ellis
KANSAS



CASING:
8 5/8" 227' cem. w/125 sx.

Elevation. 2129 D.F.
2131 (2nd)
Production. Dry

Figures Indicate Bottom of Formations.

All meas. taken from top of R.B.
2' above the Derrick Floor.

Drillers log 0-3100

clay, sand & shells	110
shale & shells	223
skip in log	1220
shale & red bed	1482
anhyd.	1530
shale & red bed	1765
shale & shells	1865
salt & shale	1985
shale & shells	2220
limestone & shale	2285
lime	2500
lime & shale	2785
shale & shells	3015
lime & shale	3100
samples start at 3100	
lime gry to brn sub xyln to	
finely xyln, fossiliferous;	
shale, gry to gry-grn	3108
sand, fine gry argillaceous,	
micaceous, strks gry-grn	
shale	3156
lime blue-gry to brn sub-xyln	
to dense fossiliferous	3178
shale gry-green & brn	3182
lime, blue-gry, sub-xyln,	
fossiliferous, spotted pinpoint	
por; some good honeycomb por.	
no show	3191
lime tan to gry brn finely xyln	
fossiliferous, some oolitic	
argillaceous; strks brn shale,	
strk por. 3208-10 no show	3226
lime as above porous on	
electric log	3230
lime as above no por.	3239
lime brn to tan finely xyln	
, granular, dolomitic,	
spotted vug. por.	3254
No show	
lime gry to tan sub-xyln, foss.	
argill; strks gry & brn shale	3289
lime tan finely xyln honey	
comb por. chert gry opaque,	
foss. no show	3296
lime, & chert as above	3305
lime gry, sub-xyln; chert	
gry to wh opaque, vitreous; por	
poor pipoint no show	3311
lime as above strks gry-	
black shale	3325
lime tan finely xyln oolitic	
fair inter-oolitic por.	
trace stain	3328
lime gry to tan dense; chert,	
gry, opaque, foss.	3346
lime gry to tan finely xyln	

finely oolitic, fair pinpoint	
por, spotted stain, chert	
nodular gry opaque	3352
lime gry to tan sub xyln to	
dense strks gry, blk & brn	
shale	3381
shale, brn-blk, sft mic.	3384
lime blue-gry to brn, dense;	
chert brn opaque	3389
shale gry & gry grn some	
brn	3399
Lime cream to wh finely xyln	
to sub-xyln	3412
shale gry-grn & brn	3421
lime cream to tan sub-xyln	
chert, tan to salmon opaque	
to translucent	3422
lime & chert as above,	
spotted pinpoint por. no	
show	3428
lime as above	3433
lime gry to wh sub-xyln much	
chert, as above; strks gry-	
grn shale	3457
lime lgt cream to wh finely	
xyln, oolitic some pinpoint	
por, spotted stain	3464
lime cream to gry, finely xyln;	
much shale	3472
lime as above, some vug. por.	
some dead stain	3476
lime gry dense oolitic some	
cream, partly dev., oolitic	
chert strks of gry-grn shale	3497
lime tan finely xyln oolitic	
pipoint & vug. por. fair show	
free oil no odor	3506
lime brn sub-xyln	3511
lime lgt tan some vug por.	
spotted show free oil no	
odor	3520
lime lgt gry to tan sub-xyln	
some brn resinous, finely xlyn	
tr brn trans. chert. shale	
dk gry to gry-grn oolitic	3557
lime wh to lgt gry, finely	
xyln to sub xyln chert wh to tan	
trans. to opaque porous on	
el. log	3562
lime gry to blue-gry & tan	
dense; strks gry & brn	
shale	3588
lime lgt tan, dense tr.	
pin. por. trace brn stain	
mostly dead	3592
lime tan dense	3596
lime as above some pin. &	
vug. por. fair brn oil stain	
sl. show free oil, no	
odor	3600
mostly lime, tan to cream	(OVER)

Braden Drlg. Co.
No 1 Zerfas
31-11-19W
SW SW SE

88344

dense; some gry & salmon chert
3632
shale gry, gry-green and brn
pyritic & silty 3637
lime, brn dense, oolitic some red
dense; some chert 3647
shale, gry, maroon & brn, some
gry-green; strks red lime; chert
brn & tan trans. 3670
lime red, pink & tan dense
oolitic nodular much shale as
above; chert pk to salmon to wh
opaque to trans. figured 3704
chert gry to tan red yllw, pk;
citrine, brn opaque to trans,
consid. dev. por chert. much
free oil, gas bubble, no odor
3736
chert as above; much brn, maroon
and purple shale 3750
shale, brn & grn; some drk gry
sand, shaly, glauconitic, pyritic,
some bright grn shale 3762
dolo., tan, finely sucrose to
finely xyln 3764
porour on el. log
dolo. as above 3766
no por.
dolo, lt tan to buff, finely
xyln to med. xyln some rhom.,
fair vug. por. chert, wh opaque
to trans. oolitic 3772
no odor or show
dolo. as above no por. 3776
dolo. as above some good vug.
por; much chert opaque to trans.
lucent, some oolitic; some sdy
dolo. no show 3979
Total Depth

Tops:

Stone corral el log	1482
Topoka	3156
Hoebner	3381
Leavenworth	3384
Synderville	3389
Toronto	3399
Douglas	3412
Lansing	3421
Base Kansas City	3632
Marmaton	3632
Congl.	3704
Simpson	3750
Arb.	3762

D.S.T. 3496-3521; op 45 mins. small
intermittent blow for 13 mins.
Rec. 7' heavily oil cut mud.
BHP 155# (15 mins.)
D.S.T. 3701-15; open 30 mins, small
intermittent blow for 18 mins. rec.
6' mud no oil, gas or wtr. BHP 20#
(15 mins).