(6)

Kansas

Mitchell

T. 6 S R. 7W

35 o

1446 KB

ELEVATION

1444 DF

PRODUCTION

D.&A.

Murfin COMPANY

Wessling NO. 1

COMMENCED SE-SE-NE

COMPLETED

REMARKS T.D. 4113'

Kansas Sample Log Service. Log No. 3327

12-27-52

Ruth Bell Steinberg

O.W.D.D. *Davies*

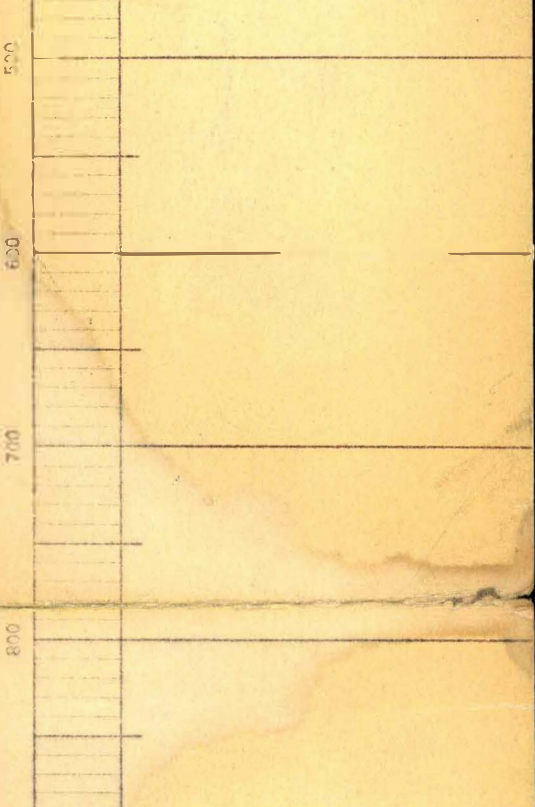
5-27-53

100

200

300

400

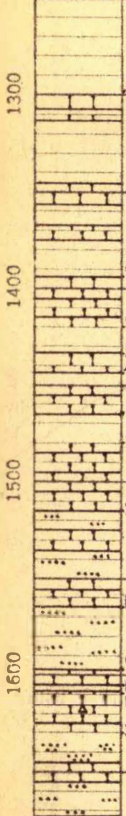


900

1000

1100

1200



00' Samples Start @1300'

red & gray sh., interbedded, gray-buff, dse. to f. xln. lst.

93' cream - gray - buff, dse. to f. xln., sli. fossilif. lst.

20' red & gray sh.

33'

43 buff, dse. to f. xln. lst.

50

65 gray - buff, dse. to f. xln., fossilif. lst.

red & gray sh.

80'

buff, dse. lst.

15'

gray, dse. to f. xln. lst., with gray, sandy, micae sh.

50'

65 gray - buff, dse. to f. xln., fossilif. lst.

gray, sandy sh.

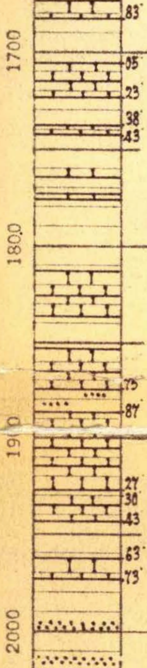
97' gray - buff, dse. to f. xln. lst.

05' gray sh.

09' gray, dse. to f. xln., fossilif., sli. cherty lst.

30'

gray, sandy, sh., interbedded gray - buff, f. xln., fossilif. lst.



red & gray sh.

gray, dse. lst.

red & gray sh.

gray - buff, dse. to f. xln. lst.

red & gray sh., interbedded
gray - buff, dse. to f. xln., fossilif. lst.

gray sh. & gray, f. gr., sub-ang.,
micac. sst.

[illegible]

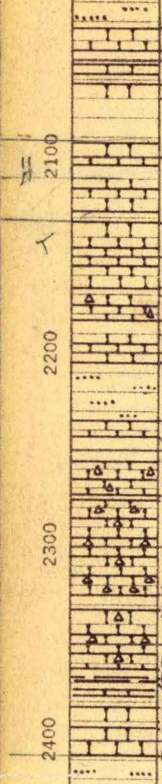
gray sh.

lt. gray - buff, dse. to f. xln., fossilif.,
sli. por. lst.

red & gray sh.

cream - lt. gray, f. xln., fossilif. lst.

red & gray sh., streaks gray, f. gr.,
sub-ang., micac. sst.



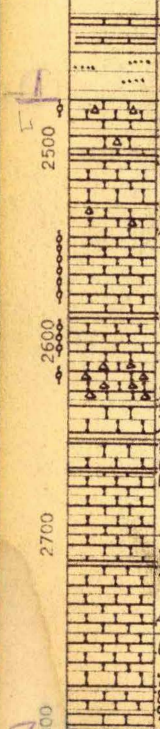
33 buff, dse. to f. xln., fossilif. lst.
45 cream - lt. gray - buff, dse. to f. xln. lst.
62 in red & gray sh.
70 cream - lt. buff, dse. to f. xln., fossilif., sli. por. lst.
red & gray sh., interbedded
cream - lt. gray - buff, dse. to f. xln., fossilif. lst.

31
lt. gray - buff, f. xln., fossilif. lst.

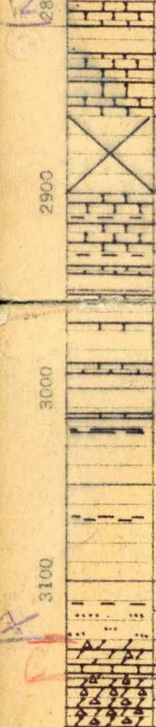
67 red & gray sh.
70 cream - lt. gray - buff, dse. to f. xln., fossilif. sli. cherty lst.
83 same sh.
90 gray - buff, dse. to f. xln. lst.
05 red & gray, sandy sh.

35 gray - buff, f. xln., fossilif. lst.
43 gray sh.
55 cream - lt. gray, f. xln., fossilif., cherty, sli. por. lst.
73 gray sh.
76
buff - lt. gray, dse. to f. xln., cherty, sli. por. lst.

25 gray sh.
31 cream - lt. gray - buff, dse. to f. xln., sli. cherty lst., weathered fusulinids
63 gray sh., Heebner 2318 69 ?
68 black sh.
70 gray sh. & gray, dse. to f. xln., fossilif. lst.
82 cream - lt. gray - buff, dse. to f. xln. lst.
90 gray sh.
93
09 wh. - cream, dse. to f. xln., sli. cherty, fossilif. lst.
red & gray, sli. sandy sh.



31 buff - lt. gray, dse. to f. xln. lst.
35 red & gray sh., streak buff to lt. brown,
50 dse. to f. xln., fossilif. lst.
red & gray, sli. sandy sh.
75 cream - lt. buff, f. xln., fossilif., ool.,
90 gray sh. cherty lst.
93 cream - lt. gray, f. xln., fossilif., cherty
03 gray sh. lst.
06 cream, f. xln., fossilif. lst.
28 gray sh.
30 cream - lt. gray - buff, dse. to f. xln., fossilif.
40 cherty lst.
cream - lt. buff, f. xln., por., ooc., fossilif.
lst.
85 gray sh. Lansing 2475
87 cream - lt. buff, f. xln., ool. lst., good
10 ooc. por.
cream - lt. gray, dse. to f. xln., cherty
30 gray sh. lst., fossilif. & ooc. in part
33 cream - lt. gray, f. xln., fossilif. lst.
47 gray sh.
51 cream - gray, dse. to f. xln. lst.
66 gray sh.
67
lt. gray - buff, f. xln., fossilif. lst.,
scat. good ooc. por.
12 gray sh.
15
cream - lt. buff - lt. gray, f. xln.,
fossilif., sli. por. lst.
45 cream - lt. gray, dse. to f. xln. lst.
60
cream, dse. to f. xln., fossilif., sli.
78 gray sh. cherty lst.
80
90 cream - lt. brown, dse. to f. xln. lst.



cream - lt. gray, f. xln., fossilif. lst.,
interbedded red & gray sh.

27 lt. buff - gray, dse. to f. xln. lst.,
streaks gray sh.

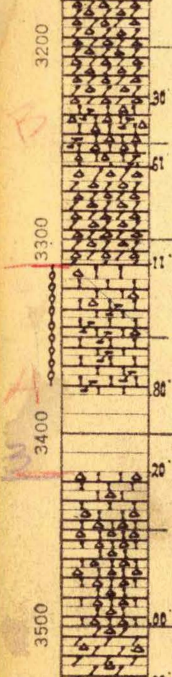
60 skip

00 cream - lt. gray - lt. brown, dse. to f. xln.,
10 dk. gray to black sh. fossilif. lst.
15 gray - buff, dse. to f. xln. lst.
30

variegated sh., with thin beds
gray - buff, dse. to f. xln. lst.

Mississippian 3130

15 variegated sh., streaks med. to co. gr.,
30 sub-round, pyritic sst.
43 gray - lt. buff, f. gran., por., sli. cherty
49 buff, med. xln., fossilif. lst. dolo.
60 buff, f. gran., por. dolo.; gray, opaque,
fossilif. chert



buff - gray - lt. brown, sucrose to f. xln., por., cherty dolo.; wh.-gray, vitreous to sub-opaque, fossilit. chert

wh., opaque, sli. weathered, chert buff, med. xln., fossilit., cherty, dolomitia lst.

lt. gray, f. xln. to sucrose dolo.; wh., opaque chert

Gilmore City 3311'

cream - lt. buff, f. to med. xln., sli. cherty, co. ool. lst., dolomitic in streaks

Kinderhook 3380'

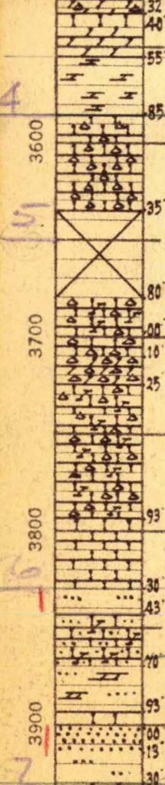
green & grayish - green sh.

Hunton 3420'

(Silurian)

wh. - cream, f. to med. xln. lst.; wh. to tan, opaque to sub-opaque chert

lt. cream - tan, f. to med. co. xln., cherty dolo., scat. vuggy por.



pink crinoids in wh., dse. to co. xln. lst.

gray - buff, f. to med. xln., vuggy por., sli. glauconitic dolo.

greenish - gray, dolomitic sh.

Maquoketa sh. 3555' Viola 3585'?

wh. - gray, mottled, co. xln. lst.

wh. - gray, mottled, opaque, fossilif. chert

skip

buff - gray, mottled, med. to co. xln., sli. dolomitic, cherty lst.

buff, dse., f. to co. xln., cherty lst.

buff, f. to med. xln. dolo.; dove-gray, opaque chert

gray - buff, med. xln., cherty, dolomitic lst.

lt. gray - lt. buff, co. xln. lst.

Simpson 3830'

greenish - gray & brown, sli. sandy sh.

lt. buff, dse. to f. xln., sandy, phosphatic lst.

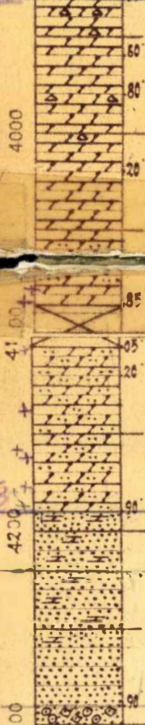
green, sandy, dolomitic sh.

lt. gray, dse. lst.

wh., f. to co. gr., phosphatic sst.

green, sub-waxy sh.

Arbuckle 3930'



gray to reddish-buff, med. to co. xln. dolo., ool. chert, scat. vuggy por.

buff, med. to very co. xln. dolo., vuggy por.

buff to lt. reddish brown, med. to co. xln. dolo., free ool. chert, scat. vuggy por.

lt. gray to buff, med. to co. xln. dolo.

lt. gray to buff, med. xln., sli. sandy [illegible] as above

glauc

shlo

lt. gray-lt. buff. med. to co xln. dolo sli. sandy & sli. porous

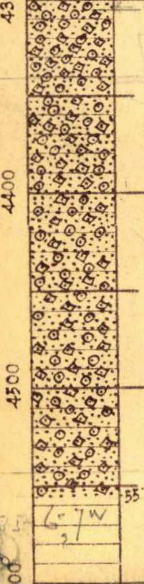
wh., med. to co. xln. dolo.; with imbedded fine to coarse, rounded, frosted sand grains. traces of glauconite.

Reagon Sst. 4190

shale ?

wh., med. to co. gr., sub-rounded & frosted sli. glauconitic sst.; dolomitic in part.

Pre-Cambrian "Granite Wash" 4290



dominantly quartz & pink feldspar in the form of small pebbles & very coarse sub-rounded grains.

The feldspar is highly kaolinized for most part.
traces of magnetite & biotite mica.

4290
3930
360

570

Old total depth 4113
New total depth 4555