Kansas

Chautauqua

T. 34 S R. 13 E

27

ELEVATION 736 KB

PRODUCTION D. & A.

McKenzie COMPANY

Carra NO. 1

COMMENCED NE-NE-NW

COMPLETED Electrolog

REMARKS T.D. 2808'

Kansas Sample Log Service. Log No. 9356

3-24-66

J.D Davies

1500

Penn. Basal Conol. 1520'

20 pale green, sh-gray, sl. sandy clay, & argillite with included white

44 & gray, smooth, sub opaque, fos. chert

WARSAW

64 lt. gray, f., med. & co. xln., fos. lst.

Mississippian 1544

abt. white, blocky, opaque, fos. chert in white, f. xln. lst.

1600

OSAGIAN

20 (Cowley 1620-1812)

gray, buff & brn., f. gran., shaly, impure, cherty, silic., dolom. lst.; gray, dove gray, tan & brn. opaque to sub opaque chert

1700

00

green-gray & dk. gray, limy sh.

25

90% white & gray, opaque, ptly. tripolitic chert & 10% buff, suc. to f. xln. dolo.

75 Kinderhook Group 1812'

dove gray, opaque to sub opaque chert in gray-buff, f. gran., shaly

1800

12 silic., impure, dolom. lst.

gray-buff, dse., non-cherty lst. interbd. with green, dk. gray & blk. sh.

39 gray, f.-med. gr., sub ang. to sub rnd. & frosted, sl. calc., tight to friable sst.; argill.

KINDERHOOK

52 vertical calcite in pt.

78 veining in brnish. blk., blocky, sub micac. sh.; very few spores

1900

ORDOVICIAN

a few sd. grains & some geodal qtz. in gray, buff & brn., suc. to f. xln. dolo.; tan, buff & brn., sub opaque chert

35 graybuff, med. xln., vuggy por.

45 gray-buff, suc. to dolo.

73 med. xln. dolo.; lt. to med. gray, sl. sandy, sub opaque, dom. ool. chert

77 white, f.-med. gr., sub ang. to sub rnd. & frosted sst.

2000

gray-buff to brn., med. to co. xln. dolo.; vuggy & por. in pt.; chert as above

Arbuckle 1878'

sandy in pt.

53 white, f.-med. gr., sub ang. to sub rnd. & frosted, partly enlarged, tight to friable sst.

68 graybuff to brn., f.-med. xln. dolo.

85 graybuff to brn., f. to co. xln.

2100

18 vuggy por. dolo.

lt. gray to buff, med. to co. xln.; vuggy, por. dolo.; gray, smooth, opaque to sub opaque, partly ool. chert; dolo. is rhombic & trip. in pt.

2200

65 gray-buff, f.-co. xln., sandy dolo.

75 lt. gray to buff, f., med., co. xln. & rhombic, vuggy, por., trip. dolo.

2300

lt. colored, dominantly ool. cht. sandy streaks in pt.

30

dolo. dominantly lt. gray, co. xln. to rhombic, vuggy, por. & trip.; ool. chert as above

2400

Gunter Sst. 2415'

00 white, rhombic, vuggy, por. dolo.

15 white, f. to co. gr., sub ang. to sub rnd. & frosted, partly enlarged, ill-sorted, friable sst.

36 sst. as above but interbd. with

54 lt. gray, co. xln., cherty dolo.

EMINENCE

2500

lt. gray, co. xln. to rhombic, vuggy por., tripolitic dolo. with white smooth, opaque to sub opaque chert in pt.; traces of geodal qtz.

2600

85

2700

gray-buff, f., med. & co. xln., sandy, glauc. dolo.

Basal Paleozoic Sst. 2743'

43 white, f. to very co. gr., sub ang. to rnd. & frosted, ill-sorted, tri., glauc. sst.

80 sst. is argillaceous at base

2800

03 dominantly pink feldspar with

08 some xln. quartz & traces of biotite mica

Pre-Camb. Granite 2803'

Total depth 2808'

2900

3000

3100

3200

3300

3400