Kansas

Harper

T. 31S.
R. 8W.

36

o

ELEVATION
1481 R.B.

PRODUCTION

K. & E. COMPANY

Flowers NO. 1

COMMENCED C SE-SE

COMPLETED T.D. 4756'

REMARKS Electrolog

Kraftbilt 187 ROSS-MARTIN CO. TULSA 1, OKLAHOMA PRINTED IN U.S.A.

DST #1 (Miss) 4388-4405; Op 15", SI 45", Op 60", SI 45", R 45' SOCM + 60 MW, ISIP 1588#/45", FPs 52-73#, FSIP 1462#/45"

DST #2 (Sp Dol) 4734-46; Op 15", SI 45", Op 90", SI 45", GTS/60" TSTM, R 730' GO & WCM + 1500' GO & MCW + 1080' W, ISIP 1599#/45", FPS 939-1346#, FSIP 1767#/45"

R. Kennett Smith
Geologist

100

200

300

400

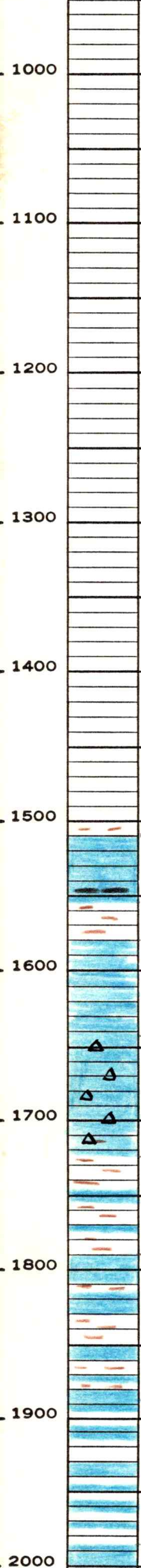
500

600

700

800

900



Samples Start @ 1500'

00
10 gray & rd sh

dk gray, dse-fxln, shaly lst
(30' spls, 1500-3200)

55
rd & gray sh
80

gray-dk gray, fxln, chalky lst w/ sh streaks

43

gray-dk gray, fxln, chty lst; chalky in pt

25

gray-crm, fxln, fos lst w/ sh brks

90

gray-crm, f-med xln, fos lst w/ sh brk

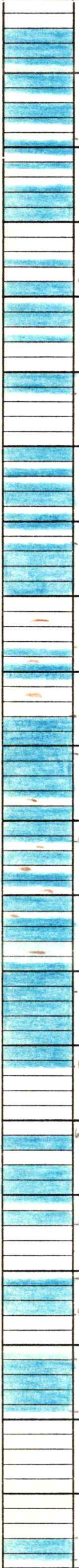
30
gray & rd sh
50

gray-crm, f-med xln, fos lst

95

gray-crm, fxln, fos lst w/ gray sh

85



gray, f xln, fos, por lst & gray sh strks

.95

2100

gray-crm, f-med xln, fos lst & gray sh brks

90

2200

gray-crm-brn, f-med xln fos lst & sh brks

65

grnish-gray sh

00

2300

gray-crm, f xln, fos lst & gray sh

65

gray-crm, f xln, fos, sl por lst

00

2400

grn-gray & rd sh

& gray, f xln lst

80

gray, f xln, fos, por lst

2500

05

gray-brn, dse-f xln, fos lst w/ sh brk

65

2600

gray-dk gray, f xln lst w/ gray sh streaks

65

lt gray-crm, f xln, fos, sl por lst

2700

15

gray & grn-gray sh

60

gray-crm-buff, f xln, fos lst w/ gray sh streaks

2800

20

grn-gray sh

55

gray-crm-buff, f xln lst

80

grn-gray sh

2900

10

gray f xln lst ?

45

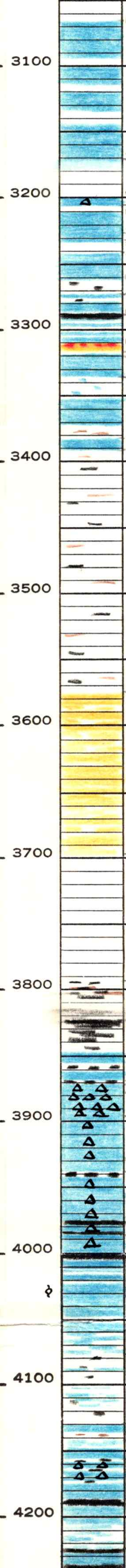
gray-grn gray sh

3000

30

gray-crm-buff, f xln, fos lst

45



gray & grn-gray sh
65

gray-crm, fxln lst w/ gray-grnish gray sh strks

70
gray-grn gray sh
(10' spls 3200-3800)
00

06 lt gray-crm, fxln, sl chty, fos, por lst
10 grn-gray sh
26 lt gray, fxln, fos, chalky lst; gd fos cast por, ns
33 lt gray, fxln lst
41 gray-grn gray sh
61 lt gray-crm, fxln, ptly chalky lst w/ strks fair fos cast por
73 gray-grn gray, dk gray sh
87 lt gray, fxln lst & sh as above
92 blk sh

Heebner 3287

10 gray-brn, dse-fxln lst w/ strks gray sh
16 lt gray, f gr, suc, v dolom sst, no por
19 gray sh
36 lt gray-buff, dse-fxln lst
gray calc sh
52
lt gray-crm, fxln, chalky lst w/ strks gray sh
71 gray-grn gray & rd sh
83 crm-buff, dse lst
91

gray-dk gray & grn gray sh; tr red

76

Stalnaker 3576

gray, v fgr, micac sst, shaly in strks; fair-good intergran. por; ns

98

gray-grn gray sh

93

dk gray, rd & gray sh
24

KC 3847

blk sh
40 gray sh
47 gray-dk gray, dse-fxln lst
55 dk gray sh & gray-dk gray-brn, dse mot, fos lst
71
77 gray-crm, dse-fxln, chty lst
gray-crm, fxln, v. chty, chalky lst; fair scat. pp por, ns, no odor; cht is opaque & bone white
97
10 gray-crm, fxln, sl chty lst
crm-buff-brn, dse-fxln, v sl chty lst; w/ strks chalky lst
28
39 crm-buff-brn, dse-fxln, sl chty lst
43 dk gray sh
lst as above
77 blk & dk gray sh & buff-brn fxln, sl chty lst
86 crm-buff, fxln, chty, ptly suc lst; poor-fair suc-vug por, no odor, ns, fos & chalky
00
05 blk sh
gray-crm-buff, dse-fxln lst w/ strks gray sh
27
31 crm-buff, fxln, suc, oolic lst; very good por, no shows
48 gray-brn, dse-fxln lst
51 gray sh
gray, dse lst; shaly at base
77

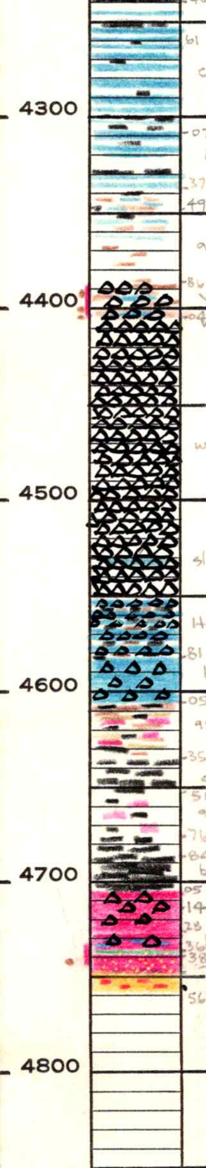
Base KC 4048

gray-dk gray sh w/ strks of v. argil, impure lst

Marmaton 4130

30
36 gray-grn gray-brn, dse, argil lst
41 gray & brn sh
48 gray, dse, shaly lst
55 lt gray-buff, dse lst
tr. cht in lst as above & dk gray sh
86 blk sh
91

crm, dse-fxln lst, chalky & sl shaly @ base
23
blk sh & crm, dse-fxln lst
40



alternating strks of gray-dk gray-blk sh & crm-buff, dse lst

61

crm-buff, dse, shaly lst & gray-dk gray-blk sh

07

alternating strks of gray-dk gray-blk sh w/ gray-crm, dse, shaly lst

37 gray-dk gray & dk maroon, calc sh

49

gray-grn gray & dk rd sh w/ strks shaly lst

86 Mississippian 4386

04 wh, opaq, fresh & trip cht; 60% fresh, 40% trip; poor-fair trip por; poor scat stn in trip cht; ss free oil, no odor; sl limy & shaly at top

white, opaque, fos tripolite very good por, ns "Cotton Rock"

sl limy

51

lt gray, f xln, fos, extremely chty lst w/ strks dk gray & brn sh

81

lt gray-wh, f-med xln, fos, chty lst

05 Kinderhookian 4605

gray-dk gray, grn-gray & rusty brn sh dolom in pt

Viola 4705

35

dk gray sh

Simp Sh 4736

51

gray-dk gray, dolom sh

Simp Dolo 4738

76 dk gray sh

84

blk, blocky, pyritic, spore bearing sh

05 buff-brn, dse-f xln, chty dolo; cht is

14 opaque & vit.; no por; ns

28 brn, f-med xln, suc, tight, chty dolo

36 brn, f xln, tight, sl limy, chty dolo no por, ns

38 green, sl sandy sh

48 brn, f-med xln, rhombic w. sandy dolo; fair por; fair-good stn, fair SFO, good odor

56 clear, f-med gr, sub ang-sub rnd & frosted, sl dolom sd; sl spotted dead, flaky, res. in upper few feet, No odor

Total Depth 4756'

Simp Sd 4748