STATE: KANSAS	COMPANY: Hartman 2-61
COUNTY: Finney	FARM: Brown — WELL NO.: 1
BLOCK	SURVEY
SEC.: 33	
T.: 21 — R.: 33w	TOTAL DEPTH: 4815
	SE-NE-SW
	COMMENCED
	COMPLETED
ALTITUDE: 2904	REMARKS: E log
PRODUCTION	

CASING RECORD

SHOT	QUARTS	BETWEEN

Kraftbilt 186-B ROSS-MARTIN CO. TULSA 1, OKLAHOMA — PRINTED IN U.S.A.

Samples Start @ 2000'

2000 — Reddish brn + maroon sdy dolmitic sh

2100

2200

WG 2355

2300 — 55 Redd gray (slt shale) - dominantly gray interbedded with wh & sdy dolmite

2400 — (samples very good!) Wollenberg 2485

2500 — gray dolmite & sh. as above

24' HOU — 269 slt f, sub do

54' HER — 57 app in g-bt, suc, sdy do

74' KRI — 75

SKIP

2600 — g-bt, suc per sl sdy do, (core?) reddish brn sh, sdy do, stringers bt, suc do (core?)

3' WINF 24' GASE

66' FT R — 64 g-bt, f grain sh sdy do

2700 — reddish brn sdy sh. g-bt, mot, suc, fos, limey sh sdy do

v. col sdy limey sh

2800 — g-bt, mot, suc limey fos, shaley do, g-bt, f-gran, sl sdy do

same but shaley in part

v. col limey sh

tan to g, dt

2900 — lt g limey sh g, dt, fos

v. col limey sh

wh to g, dt, fos

"

"

"

reddish brn sh

3000 — lt g dt fos

dk g sh

lt g to bt, dt, fos, sdy

g-bt, dt, fos

v. col limey sh

3100 — g, bt, dt fos sdy, lt, lt g, sub oos

dk g to brn oos in g-bt, dt, fos sdy

v. col limey sh

c-g, dt fos shaley lst

oos in part

v. col sh.

3200 — lt, f dk g oos in g-bt, dt, fos shaley lst

v. col sh

g-bt, dt, fos, thin-bedded lst. ly at top

3300 — v. col sh sdy limey sh

g-bt, dt

lt g to g-bt, dt, fos sdy

3400 — c-g, dt fos

g to dk brn sh

g-bt, dt

v. col sh

wh to bt, dt, fos sdy

v. col sh

3500 — g-bt, fos

c-g, dt

lt g dt fos sdy

v. col sh

3600 — lt, g, soft gray fos sdy lst

med to dk g mic sh

g-bt, dt sdy

wh to g, dt fos sdy

3700 — lt, g, soft gray to sdy lst

f, g oos & dolomitic in part

Hbnrsh 3785

3800 — 85 brn sh

98 lt g, f

dolomitic in part

v. col sh

lt, f, sdy lst

v. col sh

c-g, dt, sdy lst, shaley in streaks

Ls? 3821

lt g, dt, v. col sh

75

stringers oos gray in c-g, dt fos sdy lst

3900 — c-g, dt, sdy, gray oos & dolomitic

c-g, dt, sdy lst

lt g, gray oos sdy dol lst

4000 — lt g, dt, sdy

brn sh

lt g

c-g, dt, sdy

brn sh

4100 — c, g, dt sdy lst with brn sh

scat oos gray in part

g, gray oos sdy dol lst

c-g, dt, dt sdy, scat oos gray

4200 — brn sh

lt g, dt, sdy, some scat oos gray in top

BKC 4297

4300 — c-g, dt, dol lst, oos gray at top

v. col. to sdy limey mic sh

lt

c-g, dt, sdy lst scat oos gray.

dk g to brn sh.

v. col sh

lt g, dt fos shaley lst

Morrowton 4321

lt g, dt, sdy.

brn sh

v. col limey sh

4400 — lt, g, dt, dt, sdy. oos in part

v. col sh

lt g, dt

Chester 4432

c, g, dt, dt tx, sdy lst. Interbedded with dk g to brn sh in part.

4500 — cherts pale colored sm sub ang & glassy for most part

Morrow 4599

ML 4617

4600 — 99 cherts pale, sub to sub ang & frosted, some brn stained v. colish

17 lt g, dt, f, med + (0.08) sh sdy lst - shaley at top a few specks dk oil stn in top 15 ft

lg to pink sm sub ang in part

4700

4800

4900

5000

Total Depth 4815'