STATE: KANSAS	COMPANY: DRILLERS GAS
COUNTY: HARPER	FARM: WINDGATE — WELL NO.: #1
BLOCK	SURVEY
SEC.: 7	
T.: 31 — R.: 8W	TOTAL DEPTH
	SW SW SW
	COMMENCED
	COMPLETED
ALTITUDE	REMARKS
PRODUCTION	

CASING RECORD

10" 25-3
Top 2940
Lans. 3635

SHOT — QUARTS — BETWEEN

Samples Start at 0'

FORM 186 — stock and for sale by Mid-West Prtg. Co., Tulsa

Sand + surface gravel

Top Red Beds 90

90 brick red & reddish-brown sh. gritty in part

gypsiferous in streaks

Cimarron Group 270

90 reddish brown & maroon sh. green in spots; gypsif. in streaks.

95 Dominantly gray anhydritic sh.

gray, dse. dolomite included

Wellington Group 795

95 Some slight indications of salt in sh. as above

Abundant salt casts in dominantly gray anhydritic sh.

Wellington Salt 1070

90 wh. & gray massive anhydrite with intercalated red & gray sh.

Base Salt 1430

q-bt to f.xln. gypsif. dolo.
q, f.xln. dolo.
qbt. f. suc. dolo. trace △
qbt.
tan f. suc. dolo.
q. f. suc. △y dolo
q, f.xln. fos. dolo. △y

Ft. Riley 1775

75 gray f. suc. △y dolo. gray, speckled chert.

q, finely oolitic lst.
q, f. suc. dolo.
q, f. pron. dolomitic lst.

Florence 1870

70 Lst as above with abundant gray, dull opq. fusulinidal △

c-q, d-f.
q, mottled, f. fos.
c-q, d-f. △y

Wreford 1980

q, f. fos. △y
q-bt, f. fos.
c, f. fos.
c, d-f.
c-qbt, d-f.

Cfw. Fusulinid Zone 2160

qbt, d-f.
weathered fusulinids in q, f. fos. nearly, by lst. △y at top

Neva 2220

cream, yellow & orange dse. lst finely granular, dolomitic porous + oolastic in part
q, f. fos.
q-bt, f. fos. shaly lst.
c, f. fos, coarsely oolitic lst
c-q, d-f.
q, d-f, fos.
q, f. fos. fusulinidal lst.
q-bt, f.
q, f. q. sub, micac. sst.
qbt, f.
c-qbt, d-f.
q-bt, f.
q, f. fos.
qbt, dse, to f. xln.
q, f. fos.
c-q, f.
q-bt, f.
wh. dse
c-q, d-f.
q, f. fos.
q, f.
c-q, d-f. RP. por.

Topeka 2940

40 c-qbt, f. fos
c-q, f. fos. △y
q, f. fos.
q, f.
q, f. fos. Scat RP. por
q, d-f, △y
qbt-f. fos. △y
q-bf, dse
c-q, f.
c-q, d-f.
q, f. fos. △y
q, d-f.
q, f.
q-bf, f. gran. Sli. dolom. lst,
q-bf, d-f
c-q, f. fos.
48 blk. sh.
52 q-bf, f.
blk. sh. brn. f.
dk. sh.
brn. f.
dk. q. to blk. sh.
brn. f. xln. lst.
q, f. fos.

Lansing 3635

q, f-q, sub, micac. porous sst.
qbt to brn. f. xln. lst.
35 q, por. ooc. lst
q, d-f. fos
Scat RP. por.
△y in part
q, f. fos.
q, f. fos. oolitic
c-qbt, d-f.
q-bt, f. finely oolastic & porous in part
qbt to brn. f.
d-f. q, brn, d-f, △y
q, brn. d-f.
c-qbt, d-f. △y
c, d-f.
△y in part
q, d-f. △y in part
c-q, d-f.
by in part
q, por. ooc. lst, brn. sub vit △
c-qbt, d-f. sli. △y
q-bt, d-f. Scat. ooc. por.
q-bt, d-f.
bt to brn, d-f.
brn. f.
q-brn. d-f.
c-q, dse
c-q, d-f.
q-bt, d-f.

Mississippian 4385

85 wh. to gray, sp. rugy, porous, residual oil-stained △.
The oil staining is very dark

05 wh. f. to med. Nor. △y lst.
q-bt, suc to f. xln. △y dolo.
q, gray to bt. f. xln. △y lst.
Dolomitic in streaks

Kinderhookian(?) 4630

30 lst is shaly.
(possibly oil green sh.)

Kinderhook sh. 4690

90 gray, sh. green & greenish-gray sh.

Viola 4726

26 gray, med. xln. xln. △y dol. rugy por. & spots oil-stain

Simpson 4782

82 wh. med. to c. q. sub & to rounded & frosted st. interbedded with olive-green sub waxy sh.

Arbuckle 4905

05 q-bt, med. to c. xln. dolo. rugy porosity in part
T.D. 4928