9-51, ~~Working~~

STATE Kansas

COMPANY Columbian Fuel

COUNTY Meade

FARM Adams "E"

WELL NO. 1

BLOCK

SURVEY

SEC. 15

T. 34s R. 30w

TOTAL DEPTH

COMMENCED

COMPLETED

REMARKS NW-NW-NW

ALTITUDE

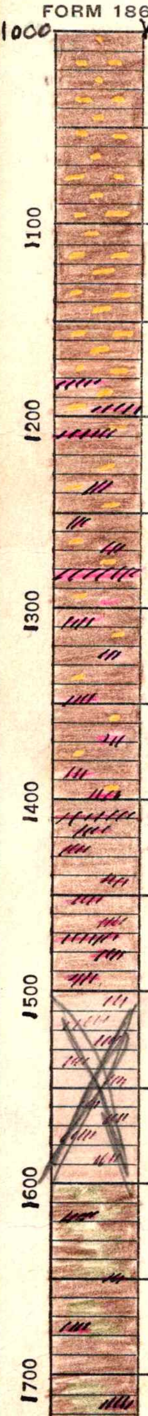
PRODUCTION

CASING RECORD

Samples Start 100'

SHOT QUARTS BETWEEN

FORM 186 - In stock and for sale by Ross-Martin Co., Tulsa



dominantly reddish-brown gritty sh.

streaks selenite gypsum

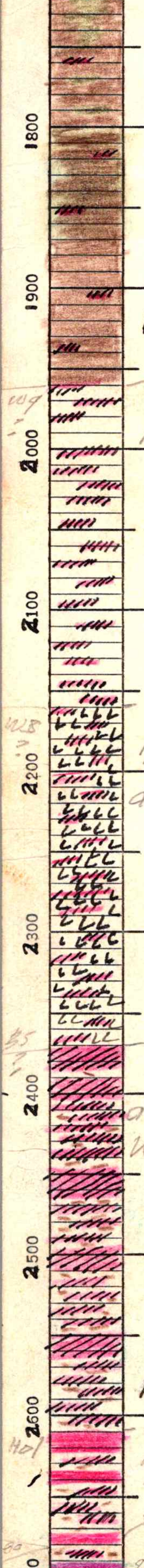
selenite + anhydrite

dominantly reddish-brn and maroon anhydritic sh.

Skip

sh. is green in spots and streaks

streaks anhydrite



Wellington Group 1960

dominantly gray anhydritic sh

Wellington Salt 2160

2160 Halite casts in dominantly gray anhydritic sh

Base Salt 2370

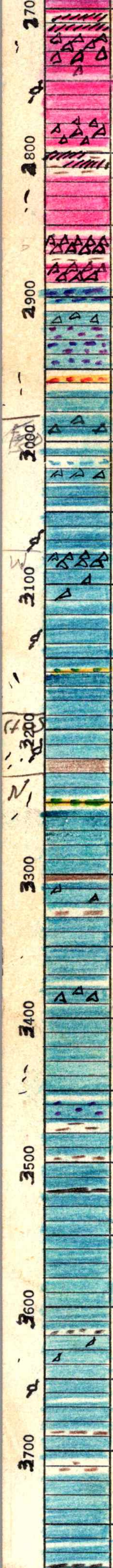
70 wh + gray massive anhydrite interbedded with r + g sh

6183
2950
3233

Hollanberg 2610

10 gt, dse mottled dolo with included selenite pheno crysts
some
gt to brn suc. silty dolo

g, f suc, dolo



c-tan, f. suc. Δy dolo.
dolo. and Δ are speckled in part.
gbf, suc. porous, faintly ool. dolo
brn. spicular Δ in part.

p.p. por. in bf. to brn. suc. dolo.

abundant wh. to gray opq. to sub-translu. Δ in gray suc dolo
tan to bf, suc. Δy dolo
g, f. fos. dolomitic lst.

wh. to g, f. fos. Δy lst.
g, granular, dolomitic lst.
profusely fossilif. in part
g, f. g. silty, dolomitic sst.
g-bf, f. fos. lst, mottled & in part Δy
g-bf, d-f ^ fusulinidal lst.

gbf, f. fos. shaley lst.
g, calc. sh.
g-bf, f. fos. Δy lst **Florence 2982**
c-g, d-f.

" g-bf, f. fos. lst, ool. & ooc. in part **Winfield 3078**
gbf, f. xln. lst. Brn. opq. spicular Δ

c-g, d-f.
g-bf, mottled, f. fos.
ool. in part.
lt. g, d-f.
g, f. g. silty, calc. sst.
c-g, d-f.
g, dse. mottled fos. lst. **(Towanda) Zone 3190**
g, d-f.
lt. g, d-f. fusulinidal lst.

g-lt. bf, d-f. faintly ool. and mottled in part
red sh.
g, d-f. fos. **Neva 3230**
bf, f. g. silty calc. sst.
lt. g, d-f. fos.

red sh.
g, f. fos. Δy in part.
c-g, dse lst.

g, f. fos. Δy
wh. to g, d-f. porous &
profusely fossilif. in part

g, f. gran, fos. dolomitic lst.
g, dse

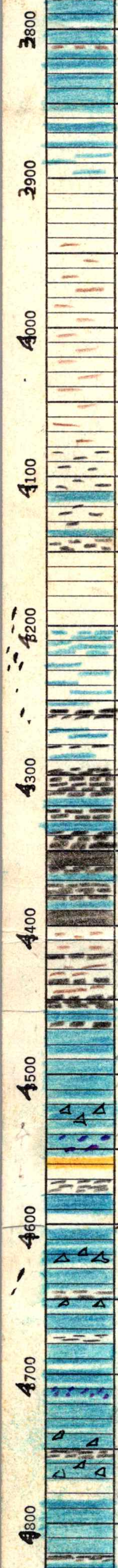
lt. g, d-f, fos.
dk. g. sh.
g-lt. bf, f. fos.
p.p. por. in c-g, d-f, fos. lst.
lt. g, d-f.
g-bf, d-f, f. fos. shaley lst.

med. to dk. g. sh.
lt. g to bf, d-f. sl. Δy lst

g, por, ooc. lst
g-bf. dse.
g-bf, d-f.

wh. to g, d-f.

g-bf, d-f.
dk. g. sh.



g-bf, d-f.

g. f, fos, pop por in streaks
g-bf, d-f.
bf. to brn f, gran. silty lst.

"
" gray, micac. limey sh.

gray, platy micac. sh.

sh is red & brown
in streaks

med to dk. g, micac. sh.

brn. dse to micro-
granular lst.
sh as above.
bf to brn. d-f, fos.
dk. g. sh,
g, micac. sh.

brn. shaly impure
lst & marl
gray, limey, micac. sh.
dk. g. sh.
med. to dk. g. limey sh.
dk. g to blk. sh.

brn dse silty impure lst
dk. g. to blk. sh.
brn. dse lst
dk. g. to blk. sh. interbedded
with brn. dse. to f. xln. lst.

g & brn. micac. sh.
dk g. to blk. in streaks.

brn. d-f, fos.
dk. g. to blk. sh
g-brn. d-f, fos.
g, d-f, fos. porous lst.

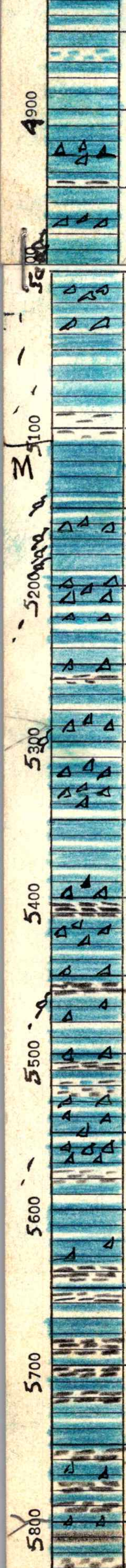
g-bf, d-f fos. Δy sli. p.p. por.
g, d-f. gran, dolomitic lst.
g, f, g/sub v micac. sst.
med. to dk. g. sh.
g, f fos.

Ls 4602

g-bf, d-f.
g, d-f, Δy
g-bf, d-f
dk. g. sh.
g-bf, d-f, Δy
g, d-f.
dk. g. sh.
g, f, fos.
"

gray, granular, dolomitic lst.
lt. g, d-f.
g, f, fos. sli. Δy lst.
dk. g. sh.
g, d-f, Δy
g-bf, f. fos.

g, d-f
dk. g. to blk. sh



g-bf, d-f
"
c-gbf, d-f.
gray granular calc. sh.
lg-bf, d-f
c, dse

c-g, d-f. Δy in part.

dk. g. sh.
lt. g. f, fos. Δy
g-bf, d-f, Δy
gbf, ool, lst.

lt. g, d-f, Δy
g-bf, d-f, Δy
bf, dse
bf to lt. brn, dse
brn. dse.
med. to dk. g sh.

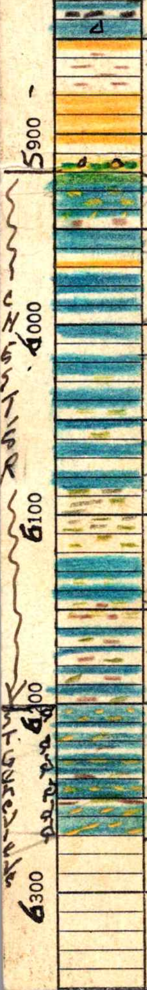
g-bf, d-f, fos.

g, por, ooc. lst.
g-bf, d-f, Δy
good ooc. por. in part.
g-bf, dse, Δy

"
brn. dse
bf to brn, d-f, fos.
Δy in part.
dk. g. sh.
brn. f.
bf to brn. d-f, fos. Δy
ool in part.

lt. g, d-f, Δy
bf. to brn. d-f, Δy
gbf, f.
bf, d-f
g-bf, d-f, fos. sl. Δy

dk. g. to blk. sh.
g, d-f, Δy
bf to brn, dse
Δy in part.
dk. g. to blk. sh.
bf, sucrosic faintly ool. lst.
gbf, sli. Δy dse to f. gran. fos.
brn, d-f Δy
dk. g. to blk. sh.
bf to brn. d-f
blk. g. calc. sh.
brn. d-f
tan to bf, f. gran, d-f, Δy
lt. brn, dse. Δy
dk. g. sh.
bf to brn. d-f.
g-brn, d-f.
bf to brn, d-f, fos. sli Δy
dk. g. sh.
bf, f. to blk sh.
brn. granular lst
g-bf, d-f
dk. g. sh. interbedded with
brn. f. gran. lst.
gbf, d-f, fos.
dk. g. to blk sh.
brn, dse to f. xln. lst.
tan, dse lst.
dk. g. to blk. splintery sh.
g-brn, d-f, fos. Δy lst,
interbedded with dk. g
to blk sh.
brn. lt. brn lst to dk. brn. glassy
interbedded with dk. g. to blk sh



brn, f.g. subr glossy sst

med gray & brn, sericitic sh;

g, med.g. subr sst.

ML 5920

g. sh.

g. f to co.g. subr, calc. sst.

lt g. sandy f to co. xln. fos. lst

v. l. col. sub-plastic sh

g, f. to co. xln. fos. lst;

sst, lst & sh. as above
interbedded

g-brn, mottled, co. xln, crinoidal lst. & sh.

tan to g, dse, to co. xln. crinoidal lst.
interbedded with gray &
soft sub-plastic grayish
green sh.

lt. gray, dse. lst.

gray, green & brn sh

g, dse to med. xln. lst.

g, dse, to co. xln. crinoidal lst

g, dse, lst. interbedded with
sh. as above

g, dse, finely arenaceous,
micro-oolitic lst. interbedded with sh. as above

T.D. 6270

DHA