10-59

STATE: Kansas

COMPANY: Walters Drlg & N.C.R.A

COUNTY: Sumner

FARM: Meils

WELL NO. 1

BLOCK

SURVEY

SEC. 30

T. 34

R. 1w

TOTAL DEPTH 4690

NE-SE-SE

COMMENCED

COMPLETED

REMARKS E Log

ALTITUDE 1162

PRODUCTION D.&A.

CASING RECORD

Dst 4155-70/1hr, 180'6, 22'GCO SPK M, BHP 135#

Dst 4174-90/1hr, 420'MDY SW, BHP 1480#

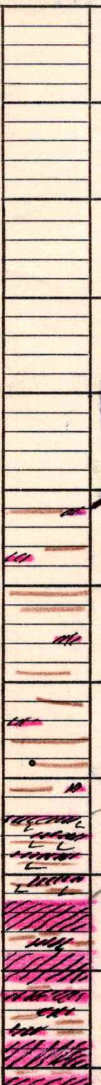
Dst 4615-20/30", 15'M, BHP 40#

Dst 4622-30/30", 3'M, BHP 0#

SHOT QUARTS BETWEEN

Dst 4630-58/30", 3'M, BHP 35#

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



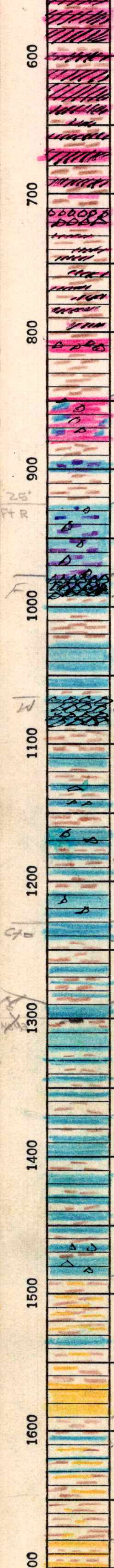
Samples Start @ 260'

Reddish brn + gray (but dominantly gray sh. gypsiferous in streaks

halite cast in red anhydritic sh

62

Wh & gray anhydrite inter-bedded with red sh



abundant lav-gray sh. specks
in pht. sil. to f. xln. dolo.

v. r. g. anhydritic sh

Towanda–Ft. Riley 848

lt. sil. dy dolo

v. r. g. sh

lt. sil. shaley dy dolo
limey
sh.

v. r. g. sh
g. bl. f. fos. shaley dolo lst

v. r. g. sh.
25

Florence 978

lt. gy. pur. ch. gy. lt. soft
(port, f. xln. f. fos. dy dolo)

78 abundant g. bl. op. fusul.
nodules & inly, f. fos. dolo lst
93 g. bl. f. fos.

v. r. g. sh.
g. bl. lt. xln. shaley lst

"

Wreford 1065

abundant g. op. to g. bl. op. speckled
speckled & inly lst, f. fos. lst
v. col. sh.

g. bl. lst

"
g. lt. f. fos. sil. dy

"
g. lt. f. fos.
" (fw. Fusu) Zone 1230

g. f. f. soft por. sil. dy lst

weathered fusulinids in ang
f. fos. shaley lst

thin beds c-g. dense to f. xln
lst in v. col. sh

90
c-g. lt. f.

Neva 1290

v. col. sh
c-g. lt. f.

"

"

"

"
lt. g. to bl. lt. f. fos. lst
interbedded with v. col. sh

lst is dy in part

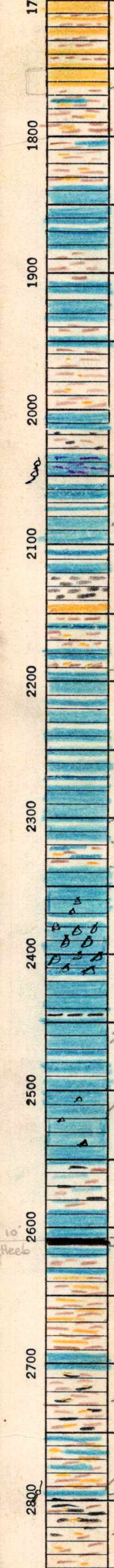
v. col. sdy sh

g. lt. f.
v. col. sdy sh

g. f. g. subl. mical. sst
v. col. sh

v. col. sdy & limey sh

g. f. g. subl. mical



por. clustered sst.
interbedded with v. col. sh

v. col. sl. sdy sh
limey in streaks

g, bt, dt, fos. shaley lst

g, dt.
lt. g to bf dt, fos
v. col sh

g, dt.
g lt, f, lith, mottled fos. shaley lst
g-bt, dt

v. col. sl. sdy sh.

lt g to bf, dt
v. col sh
g, dt. grain pos. ool dolo lst

g-bt, dt. fos
"
"
"
"
dk g sh
g, f, g, sl b.c micac sst
v. col sh
g-bt, dt
v col sl sdy micac sh
g-bt, dt

lt. g to bt, dt, fos. lst
shaley + thin bedded
in part

g, dt Tp 2337
v. col. limey sl sdy sh.
lt. g to bt, dt, fos.
sl sdy in lower half
g - lt. bt, dt, fos. sdy lst

g, dt
dk g to blk sh
g, dt, fos
lt. g to bt, dt.

g-bt, dt, fos. sl. sdy

v. col. limey sh Abnr Sh 2608
g-bt, dt, fos. shaley lst

-08 blk sh
lt to brn. dt. fos. shaley lst
v. col sh
g, dt

v. col sdy sh.

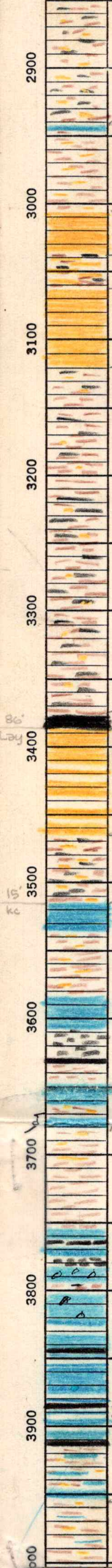
lt. g, dt. fos.

v. col. sl. sdy sh.

v. col. sdy limey sh

lt to brn, f. fos. col. lst

v. col. sdy micac sh



lt to brn dl, fos.

v. col. sli sdy micac sh

Stalnaker Sst 3006

f-fg. subl micac poor. clustered sst

v. col. sdy sh

sst as above

v. col sli sdy micac sh.

Sh is very dark in part - possibly burned samples

Layton Sst 3388

blk sh

f. fg. subl micac sst. broken & shaley in part

v. col. sdy micac sh.

KC 3515

lt g to bf, sft poor. fos. lst.

v. col. sdy micac sh

g-bf dt fos. shaley lst

dk sh

blk sh & impure coal

v col sh

g, dt fos

v. col sdy sh

BKC 3680

g-lt dt fos col. lst

v. col sh. sdy in part

Marmaton 3755

g-bf, dt blk sh

dk g dt

dk g sh, fos. sty

v. col sh

g-bf, dsc sli sdy lst

c. bf dt

blk sh

bf dsc.

g bf dt

v. blk

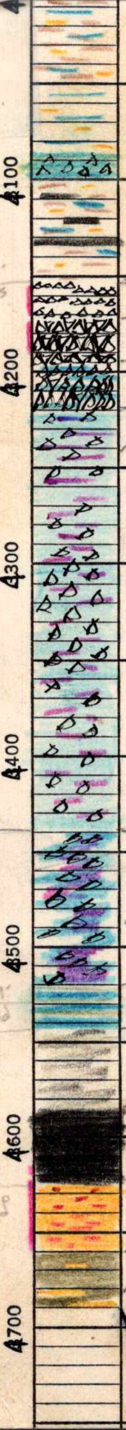
[illegible]

blk sh

v col sty limey sh

c-g, lst

v. col. sli sdy & limey in streaks



52'
Miss

29'
Kind

24'
Simp
Snd

Miss 4152

g bf, lt, dy, siliceous Lst

v. cal ~~[illegible]~~ sli sdy sh
limey

52 wh, op to sub op, fos. shaley
[illegible] △

72
same - but not shaley

95
same but limey

20
gray, dove-gray, & brn opt & sub op △ in lt bf & brn, f grn, shaley, impure, siliceous dolomitic lst

traces of glauconite

same as above but very shaley & more dolomitic
Fairly abundant glauconite - especially near base

Kdk Sh (and lst) 4520

20
green sh interbedded with lt gy, dse lst

44
dk grayish-green blocky sh

Chattanooga Sh 4585

85 blk, blocky, spore-bearing sh

Sm 4624

24
wh, lt, f to cors, rd to rnd & frosted, tight, dolomitic sst sli spotty very lt oil stain at top
stained

green, sub waxy sdy sh.

Total Depth 4690'
260
4430