8-58

STATE Kansas

COMPANY Jackson, Shear + Parker

COUNTY Rawlins

FARM Ruda

WELL NO. 1

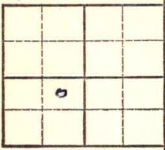
BLOCK

SURVEY

SEC. 14

T. 4 **R.** 33w

TOTAL DEPTH 4681



C-NE-SW

COMMENCED

COMPLETED

REMARKS Electrolog

ALTITUDE 3000

PRODUCTION

CASING RECORD

DST 3901-30/1 HR., 180' WTRY M, BHP 1205#

DST 3936-71/1½ HR. 90'O + GCM, 120'

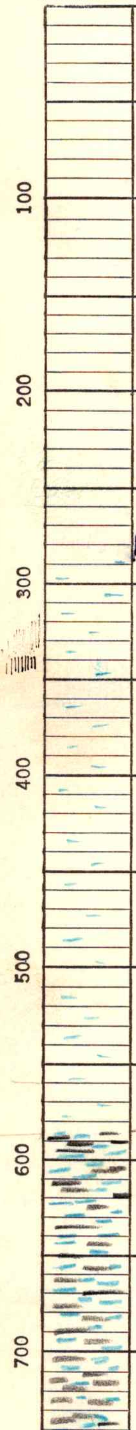
GSY MDY O. 60' GSY O, BHP 1025#

DST 3982-4018/1 HR, 390' SW, BHP 1255#

DST 4098-4104/30", 40' M, BHP 1065#

SHOT **QUARTS** **BETWEEN**

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



DST 4295-4320/1½ HR, 70' M, 337' SL OCM, 180' O + GCMDY SW, BHP 1182#

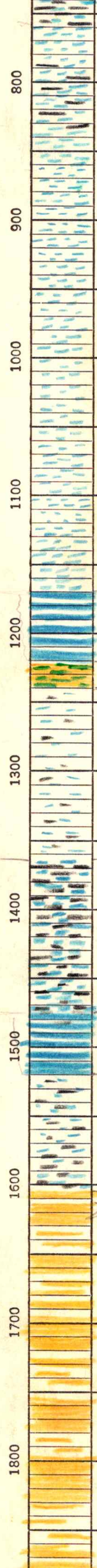
Samples Start @ 288'

in Pierre Sh

drab
dull gray soft fissile sl. calc. sh.

Niobrara 585

med to dk gy mottled calc fos sh



60
g, mot. calc. fos. sh.
dk g in part

Ft Hays 1170

40 lt. g. chalk & chalky
impure thin-bedded
fos. lst

Codell SST 1221

21 g. speckled, f. g. subr.
40 friable calc. sst

med. to dk. g. mottled
calc. fos. sh.

dominantly dk. g. mot.
calc c fos sh

Greenhorn 1475

75
lt to brn, thin-bedded
chalky, impure lst

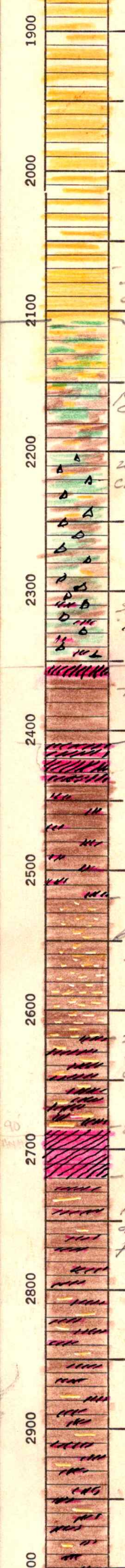
20
med to dk. g. mot. calc fos sh

Dakota Group 1605

05
lt-bf, f to co. g, r to sub
rd & frosted, ill-sorted,
mostly friable, sst. &
g, sdy, botanaceous sh.

Sst is pyritic & sideritic
in part

sideritic "buckshot"
concretions in part



Morrison Fmn 2106

sst is c.-g. fros- drilling, sub-rd + frosted for most part

06

pastel vari colored clays + shales – sdy in part

wh + pink nodular chalcedonic + in part

streaks anhydrite

Permian Red Beds 2353

53

wh anhydrite on reddish-brn sh

wh + gray thin-bedded shaley anhydrite

Reddish-brn anhydritic sh

20

bright reddish-brn silty sh

20

reddish-brn sdy anhydritic sh

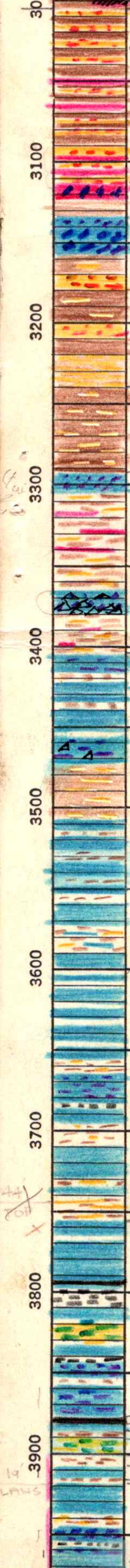
Cimarron Anhyd 2685

85

wh + gray massive anhydrite

20

Reddish-brn + maroon anhydritic sh with thin beds red siltstone in part



Reddish-brwn sh with inter-
bedded red & lt.g. micac, sli.
dolomitic siltstone,
also thin-beds g, f. suc impure
dolo

lt.g. f. suc limey dolo

lt.g, also to micro-sucrose dolo lst

red silty sh

lt.g & brn, f.g, subr micac dolo sst

red, silty sh interbedded with

sst. as above

reddish-brwn siltstone

reddish-brwn silty & sdy sh

?? weathered fusulinids in lt. g. f. gran dolo. lst

r & g sdy dolomitic sh

lt.g to bf, d.f, gran, fos, sdy dolo. lst. med.g, op to subangular fos

r & g sdy, dolomitic sh

g-bf, d.f, gran, fos, dolo. lst
r & g sh
lt.g, to bf, d.f, fos
" por, d.f
g, d.f, gran, fos, sdy dolo lst

reddish-brwn. silty sh

g, d.f, fos
g, f, fos
lt, g, d.f, fos
g, d.f
g-bf, d.f, fos
r & g sdy, limey sh
g, d.f, fos

c-g, d.f, fos
c-g, f. f
c, d.f, fos
lt.g, d.f, fos,
r & g sli sdy sh
sli p.p. por in lt.g. d.f gran fos, sli dolo lst
dk g. sh
c-g, d-f fos

r & g sh silty sh

TP 3710

lt.g. f. fos. lst, sli p.p. por
r & g sdy sh
g, f fos
r & g sdy sh
lt.g, d.f, fos. p.p. por & spots dead oil stn
wh, to c, d.f, fos,
blk sh on bf, dse lst

dk. g. sh.
c-g, d.f, fos
gbt, soft, friable, shaley, dolo, micac sst
dk.g. sh
g, d.f, gran, dolo, lst
c-g to bf, d.f, gran. soft por fos dolo lst
48 blk sh
81 dk g sh
86 r & g sh
90 lt.f.g. subr micac shaley ck sst

Hbnr Sh 3878

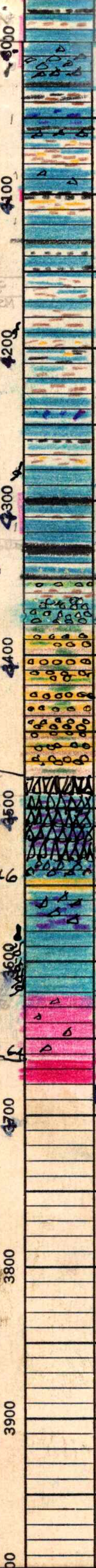
00 r & g sh
08 wh to bf, d.f. fos. scat vuggy por & spots dk oil stn
15 r & g sh
19 wh, d.f. lst

Ls 3919

lt. cal sh, sli sdy
lt.g to bf, d.f. gran, por. dolo lst. spots dk oil stn
dk. g. sh
wh, d.f. por, & sli dolomitic at top

44
20ft

14'
LANS



dk. g. to blk sh.
g. v. cal. sh
lt. g. to off. xtal. vugg por + spots dk oil stn at top

s. g. lt. g. gran. ay dolo. lst, pink
lt. g. to gray op to sub op △
blk sh on g. ofc dse lst

v. cal. sh.
lt. g. + f. gran. por. sl. dolo. lst
blk sh.
g. off. fos. ay lst
v. cal limey, sl silty sh.

lt. g. off. sl. sdy. streaks p.p. por.
dk g. to blk sh

v. cal. sdy sh.
wh. to g. d +
blk, sh
lt. g. off. lst
dk. g. sh

Base KC 4154

54 limey sh.
v. cal.
lt. g. off.
v. cal. sh.
lt. g. off. fos. faintly ool. lst

v. cal. limey sh. silty in part

g. off.
g. off. gran. sl. dolo. lst
g. off.
dk. g. sh
v. cal. sl. silty sh
wh. off. fos. por + finely ooc. at top

lt. g. off. fos. irr. por + spots dk oil stn
wh. off.
27 blk sh.
g. off. sl. sdy. lst
blk sh
54 sd. grs in lt. g. dse lst
v. cal sh
f. to co. r. to subrd sd. grs in lt. g.
80 dse to f. xln. lst
vg sh interbedded with g. f. to

Very co. g. r. to subrd. ill-sorted
tight to friable conglomeratic sst
sst is limey or highly
calcareous in part

DBC 4380
Miss 4480

80 iron-stained, op, pod, fos
91 residual miss △

lt. g. dolo. wh. lt. g. op to sub op
fos. △ in wh. f. gran to co. xln
sl dolo. lst
32 g. dk. to f. gran sdy, glauconitic
sl. dolo. lst. lt. g. op to sub op sl. sdy △
46 wh. f. g. subd, tight glassy sst
54 wh. drusy, op quartzose △ in wh.
f. gran to co. xln. dolo. lst
wh. dse to co. xln. co. ool. lst

Khk Dolo 4622

22 vugs + indistinct fossil molds in
lt. g. to off. med. xln. dolo. spots questionable dk oil stn or tool grease contamination. some lt. g. op to sub op spicular △

64 Arb 4664

g. off. med to co. xln
vuggy. por. sl.
tripolitic dolo.

Total Depth 4681'

288
4393

4500
458
3842