10-58

STATE Kansas
COMPANY R. G. Lawton
COUNTY Cheyenne
FARM Johnson
WELL NO. 1
BLOCK
SURVEY
SEC. 2
T. 4 R. 41w
TOTAL DEPTH 5397
C NW-SW
COMMENCED
COMPLETED
ALTITUDE 3478
REMARKS EL
DT 3100 →
PRODUCTION D+A

CASING RECORD

P Poor Samps below 3000

SHOT QUARTS BETWEEN

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

H. L. Cline
10/10/58

Joint samps 240 → 2490

Samples Start @ 240'

lt g

dg

brownish gray some blk soft flaky

mostly dg flaky

lt g flaky

dg flaky

lt g flaky

lt & dg intb flky → sli platy

g, brownish g & blk good bed bentonitic material

mostly lt g flky → muddy little bentonite

dg & blk

g flaky, good bed bentonite

lt & dg flaky

Niobrara 1310

missing

Intb dg speckled cky & blk

lt g speckled very chalky

g & blk muddy sh

g speckled very cky

g speckled very chalky

Intb dg & blk muddy sh & dg speckled cky sh

lt & dg speckled cky

Intb blk cky sh & dg → blk cky speckled sh

Ft Hays 1835

g bentonitic pyritic sh

chalk — may have thin cky sh breaks

No Codell ss.

Carlile 1930

Blue Hill 1930

g muddy

Fairport 2020

black, part speckled, tr fine ss near top

Greenhorn 2135

Intb chalk blk speck sh & g fx Ls

dg → blk speckled very cky, thin chalk stringers

Graneros 2225

dg & blk

Dakota 2310

Intb f g ss & g muddy sh

g some bu f por

Intb g f ss, part sideritic and g muddy sh

g muddy pyritic

Intb f ss & muddy sh

g muddy, thin bentonites

g fine

g muddy

Intb f g ss & dg & blk sh

g muddy, good bed bentonite

g mf → f, part very calc, sli glauc. str good por

very calc

blk very pyr on top, sid at bot

Samps ??
EL shows sd body or sid pellet zone, prac. none in samps.

g muddy

Morrison 2830

Intb lt g shy Ls & drab g → gn sh

lt g, d, shy

drab g & drab gn thin g shy Ls stringers

trip about 2950 ??

Intb g, gn, all r sh, d Ls gyp & anhy, w & g chalcedony
Poor samps due to trip near top

r silty sh

Permian 3000

Bad Triassic gyp started screwing up mud

Samps worthless — either out of place or upper hole caving so badly that box filled up with cavings too fast to obtain representative sample

Note

Stuck DP at 3300

Note Samp depths & EL depths vary about 20' Drilling depths 20' shallow

Intb r sh, r siltstone & f r ss

caving very badly

Trip 3464

bf → pink fx very d → suc

r little anhy

worthless practically all Cretaceous shale

trip 3590

little r sh, f ss & anhy in each samp.

apparently bf & g fos Ls on fx suc → gran dol

trip 3766

bf → pink flky → suc, sli fos

Something wrong with meas.

trip 3870

apparently dirty g, bf, pink lss intb with dg sh — little RA, tr large fus

Foraker?

dg platy

g fx very d on bf → g fos intb with r & g sh

bf → pink suc

r & g little anhy

g very d on dg & blk

Trip 4014

bf & g d fos

bf & g fos

bf very fos

These samps are definitely screwed up

Trip 4181

As far as I am concerned absolutely worthless — between screwed up meas, recirc and terribly caving hole nothing can ever be made to fit

Trip 4400

twist off 4434

bf → lt bu lithog

Note on DT shows 4477 = 72 are meas. corr. here??

bf, part sdy, fos, ool on bf → g very d

trip 4518

Intb bf → g lithog & soft flky

f, g → brownish g, calc on r & blk

(if corr, samp & EL OK)

bf flky, fos, ool on intb fx d & soft flky

bf → g fos ool stks, tr oolic

bf → g sdy fos in r g & blk sh

g → pink sdy, fos stks, ool

trip 4666

pink → yel bu, nod, brecciated, fos on soft flky

r & g

Fish 4715

bf fos, ool

g shy on blk Poor samps

g flky fos Ls in dg & blk sh

dirty bf → g ool blk glassy Δ

trip 4774

Intb bf, g-bu, fos → very d Δy

dirty bf → g intb fx d & fos ool Δy, may be lime sh breaks

trip 4830

dirty bf → g intb fos & soft flky

bf → g gen d on g & g-gn

bf fos, ool, sli oolic

Intb Ls & r & g sh

bf → g gen d

thin d Ls in r sh

bf fos & soft flky cky

trip 4932

g, g-gn, little r

bf d → flky, sli Δy, fos stks

g, g-gn, little r

Atoka? 4975

bf d & soft flky tr Δ

drab g, g-gn & blk

trip 4997

g d & g flky shaly

bf flky → cky on dirty bf & g, gen d, fos stks

Morrow 5035

drab g, g-gn, blk

g-gn coarse imb sd grains

drab g, g-gn, blk

trip 5043

P.B. sand 5136

Mississippian 5143

drab g & gn rather waxy

49 = about 35 on EL

5119 on DT & samps = 35 + on EL

must have gotten off during trip at 5043

46 coarse congl. ss & f w ss

buff suc dol, mx → cx fos Ls & Δ

trip 5163

bf cx, mx, nod & soft flky, fos tr Δ

very Δ soft flky

bf → w

bf → g mx → flky sli glauc

lt g, lt g Δ

g, tan, w suc, mostly w → very Δy, partly bleached

trip 5225

bf → lt bu flky → lithog. little bu Δ

w flky Ls on lt bu fx d dol on tan → g suc glauc dol

(may be gn sh partings)

bf → bu very d. & soft flky intb with thin dol stringers

little w Δ

green waxy sli sdy

trip 5278

bf ool

Gilmore City 5300

bf → g gran por on d

w flky cky

Trip 5349

brown dolomitized ool Ls on gn waxy sh?

bf → g mx very sli glauc sd por

Arbuckle 5355

Bonneterre 5375

bf → g mx very glauc streaks

Drillers 5377 = EL 5397

Prob got off at 5043

Samples to 5377'

Total Depth 5397'

P Poor Samps