3-60

STATE Kansas	COMPANY Mesa Petro.
COUNTY Sumner	FARM Luther WELL NO. 1
BLOCK	SURVEY
SEC. 28	
T. 32 R. 1e	TOTAL DEPTH 4180
	NW-NW-SW
	COMMENCED
	COMPLETED
ALTITUDE 1207	REMARKS EL
PRODUCTION D&A.	(P. poor ES log 150'/min)

CASING RECORD

CORE 4016-24: 40 | 66-88:

SHOT Samples QUARTS Start @ 1000' BETWEEN

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

D. L. Cline 3/10/60

P poor EL
P poor Samples

1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400
2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000
4100
4200

no ol sfam above 1700

n & g gn on bf flky Δy

d g platy part sdy
bf → g d on soft flky on g-gn
bf → g fx d on thin blk
bf & g soft flky → sue ool & oolic stks

63' Top

g fos intbd d g & blk

n & g-gn
g → w f on n

bf d
intbd g fos ool & g sn
bf soft flky → cky, pn, Δy
g fos in g & g-gn

bf → g fx d on soft cky Trip 40?
d g & blk platy
bf flky → cky Δy, fx d stks

blk coaly
mostly bf → w flky → cky
thin gch stringer

bf → w flky → cky Δy
g g n platy
bf sue → flky, ool & oolic stks, g Δ
thin blk

Intbd bf & ll g d & soft flky
sli Δy

bf → w soft cky on thin blk
thin blk on dirty bf flky fos
intbd g & g-gn

g d → flky sli Δy
thin blk on bf & bn d & soft flky

n & g-gn

mostly d g platy

d g & blk
bf → w soft flky Δy

96' Heeb

blk coaly on g → bn d
intbd d g platy & n & g-gn?
w f on intbd ss & sh
samps recrit badly

bf flky

d g bf fos in g-gn some n
n & g-gn thin ss stringers
on g v sdy LS → v calc ss

g, g-gn, n thin ss stringers
poor samples

g, g-gn thin LS stringers
Top

may be some mixed up samps
bn d fos in d g platy
g → w calc → platy on n & g-gn

91' Iatan
5' Stal

g v f ss & siltstone Staln. Zone 2595
g some bn mf, mostly calc
d g platy
intbd g f & mf, gen tite

g mf fos intbd with v calc

mostly ll & d g platy

g, g-gn

d g platy
KC Lime 3000

n, g, bn, yel platy
g g-gn little n

96' Kc

bf d fos & soft flky on d g & blk
bf fos sli ool oolic Δy on
d g & blk
bf, g, bn d
bf soft flky → cky Δy, ool & oolic stks, g Δ
thin blk

DM about 5' + off

bf fxd & soft flky, thin pen stks
bf flky Δy

intbd g fx d & soft flky

g, g-gn little n
bf flky → cky on d g & blk
bf d on g & g-gn

32' B/Kc

bf → bn d fos, ool
bf & g flky Δy on g calc sh & d LS
d g & blk on g & g-gn & g-gn

78' Miss Chat

bf ool on g & g-gn
gn & g f calc

g, g-gn

bf fos, blk bf ool
n & g gn on blk coaly
bf v d cky stks

n & g-gn on bn d on d g & blk
bf Δy intbd blk sh

Intbd LS & n & g-gn

d g & blk on blk coaly

bf & g Δy
d g platy, g, g-gn thin
d LS & ss stringers
blk coaly
g, g-gn, n blk

MΔ 3630
ML 3645

30' Miss

mostly drab g
mostly w fresh little v c
g crypto-xyln v silic - v d
apparently summit Carb. Silicate def.
little if any free Δ

bn v d → lithog tan mf fos ool Δ
bf → g soft flky, v Δy

g → bn fx d v silic

g fx v silic, summit Carb. Silicate

↑ soft flky

95' Kind Dol

d bn cryptoxyln → lithog, v silic
some bn Δ
g → bn flky v silic
d bn → blk sdy silic, blk sh stringers?
g → bn flky → gray, sdy silic, dol, sli Δ
bf → g fx d on g v g sli gl

d g & blk Kind 4000 gran dol?
Trip 14?
intbd g fx dol & doll sh — spores
d g & blk platy on g v d gran bn

78' Simp

CORES Simp 4080 EL
apparently intbd ss & n, tite & poor
v poor samples after coring

24' Arb

d g some gn
Tan fx d
Tan gran sli ool, ool Δ, sdy stks
Tan fx d
bf → g mx some interglin pen

Arb 4130

Total Depth 4180'
Samples to 4178'