5-56

STATE: Kansas
COUNTY: Barber
BLOCK:
SEC: 16
T. 33 R. 14W
ALTITUDE: 1712
PRODUCTION:

COMPANY: Musgrove
FARM: McGrath
WELL NO.: 1
SURVEY:
TOTAL DEPTH: 5230
Sw-Sw-Nw
COMMENCED:
COMPLETED:
REMARKS: electrolog

CASING RECORD

DST 3922-51/40", 290' sl GC Sw BHP 1530#
DST 4632-62/1 1/4 hr, 6 1/2" 11", 10,900 MCFG/5" 12,200 MCFG/8" 14,700 MCFG/16" BHP 1815
DST 4667-80/30", 5 mud BHP 32#

SHOT | QUARTS | BETWEEN

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

Samples start @ 3000'

3000 — gy sh f-f
gy f. fos
red & sdy sh
3100 — broken gy, f-g, sdy micac SST
Toronto — 20 gy-bf, f-fos. lst, sdy at top
gy-dk. f fos
gy & bf fos
"
3200 — lt gy, & bf fos faintly oolitic lst
gy ose
c-gy, dk fos..
lt. gy, dk
"
"
lt gy, soft por. fos. lst.
3300 — gy, bg, sub v micac
gy shaley SST.
lt. gy, ltf fos
3400 — gy, soft por fos. shaky lst
sdy & ooc streaks
for most part
3500 — gy, dk f
red, gy & dk. gy, sli sdy sh
with thin beds gy bf
dse to f. Xln. lst
3600 — red, gy & dk. gy, limey sh
bf-gy-f-m-lt
dk gy sh
3700 — dk gy to blk sh.
f-m. lt.
Red, gy & dk. gy. sh. limey
& silty in streaks
3800 — red & sdy micac. sh
30 lt. gy, dk fos
dk, gy sh, gritty & micac. in part
c-gy-bf, dk fos
68 gy-bf, dk fos
84 gy sdy micac sh
92 gy sdy micac fos lst
HUNTON Sh 5874
3900 — 10 Ay
red & sdy micac, sh.
39 gy, f-g, sdy micac por. SST
brn stained in part
SST 95 above
gy sdy micac sh
wh f-g, sdy micac SST
red & sdy micac. sh
4000 — dk gy-fos. oolites in lt to brn.
dk gy fos. shaley lst
red & sdy sh. Ls 4076
76 gy bf mottled sdy lst
lt. gy, dk, fos. Ay lst
4100 — lt. gy, dk, Ay. sdy & ooc dk
gy sdy micac. sh
lt. gy dk. ooc. por at top Ay at base
lt. gy to bf, dk, Ay. sdy at base
c-bf, dk, Ay
dk. gy. sh.
c-bf, dk fos. sli Ay lst
4200 — gy, por. ooc. Ay lst
c-bf, dk.
c-gy, dk, Ay
c, bf, Ay sli ooc. por
wh. to cy dk sli Ay
c-gy, dk fos Ay
4300 — Zones good ooc por in c-gy
dk fos Ay lst
gy-brn sm sub op & inj gy dk
dk. Xln. lst
c-gy, dk
c-bf, dk fos. Ay
4400 — gy, por. ooc. Ay lst
gy, dk, sh
c-gy dk Ay. scat ooc. poor.
c-gy, dk
dk. gy to blk. sh.
4500 — gy poor. ooc. bf
c-bf dk. Ay & ooc. in part
gy, f Ay
gy dk
dk gy-brn sub op & inj bf
dk gy-f Xln, lst scat ooc. por
c-gy, dk
c-bf, dk. Ay
v col. sh.
c, dk, Ay
c-bf, dk, Ay Miss 4639
4600 — v. col sh with thin beds gy dse bf
39 light spotty oil stn in dominantly
wh. sucr. opt to sub op resid) &
shaley at base
78 gy to gy-brn to co Xln
wh Ay sh dolo lst
4700 — dominantly green to gy
dse sli Ay lst
84 kh
gy-bf & green sub plastic
clay & sh with thin beds
4800 — f dse lst & some
(possibly canyon or
channel fills)
lt. gy, sm. sub-trans fucenta
in gy dse lst. KHK Sh 4894
94 green & dk. green & gray
sli salty sh
Misener Sst. 4948
gy fto co g, f-to sub rd, tight
shaley, pyritic SST.
48 52
abundant gray, sub trans lyssant
to op micro-spicular sl salty gy
speckled & in gy & gray sub lst
lithology similar to Misenerkeka
but no trace
4900 — Viola 4952
Dove gray dk fos sm sub &
lt-gy f. grain to micr Xln.
sli dolo. lst
Sn 5092
78 lt. gy coXln non-Ay lst
5000 — 92 bf to brn dse to green sdy dolo. ls
green sub waxy sli sdy sh
bf, sub. sdy shaky dolo
olive-green sub waxy sh
wh. f to co gy, f to sub rd frosted
olive green. sub waxy sdy sh.
phosphatic in part
92 wh. co gy sub rd frosted fair
5100 — sst, shaley at base
10 gy bf, suc. to co Xln. sli sdy dolo.
Arb 5210
5200 — Total Depth 5230'
5300 — Up Khk to 4784
5400 — 5500 — 5600 — 5700 — 5800 — 5900 — 6000 —