3-50

STATE Kansas	COMPANY Birmingham & Bartlett
COUNTY Stafford	FARM Spangenberg WELL NO. 1
BLOCK	SURVEY
SEC. 33	3732 TOTAL DEPTH
T. 22's R. 12w	
	COMMENCED
	COMPLETED
ALTITUDE 1854 RB	REMARKS NE-NE-NW
PRODUCTION D&A	5" @ 3704

CASING RECORD

DST 3701-08 op ½ hr
Rec 10' mud
Wtr. 3732

SHOT QUARTS BETWEEN

FORM 186 - In stock and for sale by Mid-West Prtg. Co., Tulsa

100 200 300 400 500 600 700 800 900 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

50 Pg

95494

= Spls. Strt. 2850

c-g, d-f.
Rg sdy sh.
80 g-bk, d-f.
ay in part

Tp 2880

g, f-fos. ay por in part
c-g, f-fos. ay. fusulinids
bk, f-gran. fos. ay, dolomitic lst
c-g, d-f.
c-g bk, d-f, fos, ay in part

Hb 3154

54 blk. sh.
57 g-bk, f.
wh to g, d-f.

Rg sh. slightly sandy in streaks

Ls 3306

bk to brn, d-f

c-g bk, d-f.

c-g, d-f.
g-bk, d-f, fos. ay in part
c-g, por, ooc, lst, spotty dk oil stn
c-g bk, dse, ay, scat ooc, por, spotty dk oil stn
c-g, d-f, dse ay
g-bk, por, ooc, lst. spotty dk oil stn
c-bk, d-f.
ool. in part
c-tan, dse

c-g, d-f, scat ooc, por, & spotty dk oil stn.
c-tan, dse.

Vi 3592

c-bk, f-f.
c-tan, d-f, ay

Sn 3640

wh, op. to sub-op, residual ∆ spongy porosity & dark oil stn in part
sh, sdy gray to brn, sdy dolomitic ss, in zones bedded with a green sh.

A 3703

g-sh, med to coarse ay dolo. spotty dark oil saturation at top

T.D. 3732

D&A