X 1-53

STATE: Kansas	COMPANY: Helmerich-Payne
COUNTY: Stafford	FARM: Boylan — WELL NO. 1
BLOCK	SURVEY
SEC. 32	TOTAL DEPTH: 4534'
T. 25 R. 14W	SE SE SE
	COMMENCED
	COMPLETED
ALTITUDE: 2009	REMARKS
PRODUCTION: D&A	

CASING RECORD

SHOT | QUARTS | BETWEEN

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

33211

L4295

Samples Start @ 3000'

g.f. fos.
g.d.f.
g.f.f. fos
g.f.f.
g.f. fos.
sf. dse ool, in part
g.f.f. sdy micoc calc.
g.f.f. fos. porous lst
g. mottled pseudo-ool. lst.
g. sdy limey sh.
g. fos.
g.f. fos — To 3253
g. sdy gran. sl. dolo. lt.
g.d.f.
g.f. fos. with streaks
dolo. fos. granular & fine xln in part
g. fos. sdy
g. soft. fos. porous fos. lst
g.f. fos. sdy
g. dse. sl. sdy
c.g.f. fos.
lt.g.f. fos. sdy
g.d.f.f. fos. streaks pp por
lt.g.f. fos. porous in streaks
Abnr Sh. 3619
[illegible] gran. porous [illegible] lst.
[illegible] sdy. pp. por
[illegible]
[illegible] blk sh
[illegible]
[illegible] micac. sst.
interbedded with red sh.

tan, d.f. fos.
Ls 3805
g.f. fos, faintly ool. lst
g.f. fos, streaks pp por.
g. por. ool. & ooc. lst
g.f. fos.
tan to lt.f. fos. sdy
tan to dl. f. gran. dolo lst
c. sdy, soft, ooc por.
g.f. fos
g.d.f. fos, sdy, soft ooc & spots dk oil sn.
g. por, ool & ooc. sdy lst
g.f. ooc. lst
g.d.f. fos
g.d.f. ooc. por. & trace [illegible] dk oil sn.
g. sdy
[illegible] sh
g.d.f.

g.d.f. sh. sdy
g.f.f. gran. sdy. siliceous lst.
interbedded pink sub translucent red sh.
PBC 4208
Mississippian 4233
wh. to [illegible] chalky opaque residual [illegible] traces dk oil stn. [illegible] heavy dead oil stn at base
Khk Sh. 4305
dominantly green & greenish gray sh.
Vi 4354
tan [illegible] smooth, wh. to sub op. residual
Sn 4420
gray ooc. dolo. lst.
wh. sdy lst & limey sst
g.f. to sub rd. sst.
green sdy sh.
[illegible] highly [illegible]
A 4494
g.d.f. [illegible] A & dolo. ool, A & some ooc. por

TD 4534'