1-72

STATE Kansas
COMPANY U S Signal Oil
COUNTY LOGAN
FARM Signal 71 (Collins No. 1) WELL NO.
BLOCK C-NW-NW
SURVEY
SEC. 34
5648 TOTAL DEPTH
T. 11s R. 37w

0			
	34		

COMMENCED
COMPLETED 12-19-71
REMARKS
ALTITUDE 3275 KB
PRODUCTION D&A

CASING RECORD

SHOT QUARTS BETWEEN

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

Samples Start 450 in Niobrara
g, mot calc. fos sh.

(30' samples to 2250)

sh is dk. g in part

Ft. Hays 1030

-30 lt. g chalky, [illegible] fos thin-bedded ls
-45
[illegible] dk. g [illegible] [illegible] fos sh. sh. sdy at top

Greenhorn 1260

-60 thin-bedded gr. [illegible] sdy impure fos ls
med to dk. g, mot. sl. sdy, calc. fos sh

Dakota Group 1410

-10 g, f to co. g, sub ∠ to sub rd, frosted, friable, more or less pyritic sst interbedded with sdy sh

Morrison Fm 1850

-50 Pastel varicolored sandy clays & shales

-20 pink & colorless chalcedonic chert, & traces of anhydrite in sh. as above

g wh & pinkish, shly, impure anhy
76 silty sh

Permian Red Beds 1990

Blaine 2073

-73 wh. broken sdy anhydrite
rb anhydritic sh with some indications of salt.

Cedar Hills Sand Zone 2377

wh. anhydrite
77 rb. sdy sh.
(sand — what little there is of it — looks like Cedar Hills.)

60 bright rb silty sh

streaks anhyd. at base

Cim. Anhyd. 2600

-00 wh. g, massive anhydrite
-30 rb, silty sh

87 red & maroon sl. silty anhydritic sh. with indications of salt

rb silty sh.

Chase Group 2975

-75 lt. g anhydrite - dolo. [illegible] at base
rb siltstone
rb sl. silty anhydritic sh with some slight indications of salt

rb silty sh

rb sdy silty sh

lt. g, f. grn. silty dolomite
rb sdy sh
lt. g, f. xln dolo.
rb sl. sdy sh

48 g-bf, suc. to f. xln. sdy dolo. lst
gray smooth sub. op △
rb silty sh

lt. g to bf, dt. fos sl. sdy lst. shly in part
v. col. sh
lt. g to bf, generally dse lst
[illegible] fos lst
v. col. sh
[illegible] dse lst
[illegible] f. xln lst
g dse mottled to speckled lst
v. col. gray sh
[illegible]
[illegible] suc. to f. xln dolo.

Wabaunsee 3497

lt. g [illegible]
v. col. silty micac. sh
dk. g [illegible] fos sl. sdy lst
dk. g sh on g-bf dt. xln lst
v. col. sh
[illegible] dse lst
dk. g [illegible]
lt. g to bf, dt. fos lst
v. col. sl. sdy gray sh.

Tp 3682

lt. g, dt. fos. lst
[illegible]
lt. g [illegible]
lt. g, f. fos. lst
v. col. sh
lt. g, suc. to f. xln fos. por. sl. dolo. lst
lt. g, suc. to f. xln por. fos. sl. sdy dolo.
dk. g sh on g-bf, dt. fos. lst
lt. g, f. g. sub. micac calc. sst
spots dead oil stn in
lt. g, f. fos sl. sdy lst
lt. g to bf, suc. to f. xln fos. sdy sl. dolo. lst
streak blk sh.
lt. g to bf, dt. fos lst
v. col. sh
lt. g, dt. fos lst
[illegible]
lt. g to bf, dse lst

c. g, dt. fos. sl. sdy lst

Hbnr. Sh 3947

47 blk sh.
53 lt. g to bf, dt. xln. lst
v. col. sl. sdy sh.

Toronto 3971

71 wh. dt. fos. sdy lst
85 v. col. sh.
91

Ls 3991

[illegible] suc. por. oos. [illegible]
dk. g sh on g-bf dt. xln lst
v. col. sh.
wh to c, dt. sl. sdy lst, scat. oos. por. & sl. dead oil
dk. g sh.
wh. to c, dt. trace dead oil stn.
dk. g sh.
lt. g, f. fos. lst, spots dead oil stn
wh. to c, sl. sdy lst. trace dead oil stn
wh to c, dt. sdy lst dolomitic in part
wh to c, dse to sucrosic sdy very sl. glassy dolomitic lst
dk. g sh on g-bf, dse sl. sdy lst
v. col. sh.
wh to c, dse sdy lst
dk. g sh on g-bf, dt. xln lst
c. g, suc to f. xln sl. dolo. lst
bf dse lst in dk. g sh.
c. g, suc. to f. xln, sl. sdy sl. dolo. lst
blk sh on g-bf, dt. xln lst
g dt.
lt. g to c, dt. sdy lst
blk sh on g-bf dt. xln lst
c. g, suc. to f. xln fos. por. sl. dolo lst
lt. g, dt. faintly ool lst
lt. g, suc. por. fos. sl. sdy dolomitic
lt. g f. g, sub. micac. sst
dk. g sh on g-bf dt. xln lst
v. col. sl. sdy gray sh

BKC? 4350

lt. g, dt. fos. faintly ool. lst
lt. g, dt. lst
[illegible] fos. ool. lst
dk. g to [illegible]
lt. g to [illegible]
dk. g, to blk sh on bf, dse lst
lt. g to [illegible]
blk sh on bf to brn dse lst
lt. g to bf, dse sdy lst. △ is dark & sub op
blk sh.
lt. g to bf, dse sdy lst. most of △ is oolitic
g-bf dk. sdy lst
blk sh.
lt. g to bf, dt. fos sdy lst
g-bf, dt. fos. sl. sdy lst
blk sh.
lt. g to bf, dse sdy lst
dk. g sh
lt. g to bf, dse, sdy lst
dk. g sh
lt. g, dt. fos. sl. sdy lst

Morrow 4645

dk. g sh, on g dse lst
streak lt. g, f. g, tight glassy sst
g-bf, f. xln lst
dk. g sh. on sl. dse lst
wh. f. g, tight, glassy sub ∠ sst
-78 blk sh.
dk. g sdy, more or less pyritic sh
& less free, col. sub rd sd. grs
gray, green, dk. g & brn sl. sdy sh. pyritic in part

Miss 4757

-57 [illegible] dse sl. sdy f-med ool lst
flesh-pink sub op. △ in part
wh, sm, sub op △ in [illegible] lst & dse slightly sdy ool. lst. Traces of oil stn
-42 more or less abundant endothyra in g-bf, suc to xln fos. dolomitic pseudo-oolitic [illegible] lst. wh op to sub op △
-15 g, mot op fos △ & some geodal qtz in g, bf & brn suc. to xln fos dolomitic lst
-66 abnormally abundant g mot op fossil △ in lst as above
[illegible] wh & g [illegible] op to sub op fos △ in c, tan & bf, f. xln lst
-17 g-bf, dse to lithographic ls.

'Gilmore City' 5017

coarsely oolitic lst down

Arbuckle 5188

-88 c, g & bf, suc to med xln, sl. sdy dolo, ool. △
g-bf med to co. xln, vuggy por. dolo.
g, sub op △

g, co xln to rhombohc vuggy & por. for most part

-92 lt. g to bf, co. xln sdy, slightly glauconitic dolo

-68 same but with abundant glauconite & more sand

Paleozoic Basal Sst "Reagan" 5620

-20
-30
skip

T. D. 5648
450
5198

(287)