7-51

STATE: Kansas
COUNTY: Sheridan
BLOCK:
SEC. 4
T. 7 R. 29W
ALTITUDE: 2808
PRODUCTION:

COMPANY: G-M-R
FARM: Emigh
WELL NO.: 1
SURVEY:
TOTAL DEPTH: RTD 4488
NW-NW-NE
COMMENCED:
COMPLETED:
REMARKS:

CASING RECORD

DST 3971-4000/1hr. DST 4082-4115/ 1hr. 45' Mud BHP 0#. 1hr. 4' Mud spts DST 3998-4620/ oil BHP 0#. 1hr. 30' Mud DST 4454-88/ 1hr. 30' Mdy wtr. Speaks oil BHP 0#.

SHOT QUARTS BHP 1000#. BETWEEN

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

100 200 300 400 500 600 700 1800 1900 2000 2100 2200 2300 2400 2500 2600 2700 2800 2900 3000 3100 3200 3300 3400 3500 3600 3700 3800 3900

Samples Start 1800'

g f to c. g. pyritic sideritic, sub grd to ↓ sst. shaly in part

Morrison Fmn 1950

wh rounded frosted coarse grained sst.

sd varicolored pastel shale sh pale green sh

Mer.

varicolored pastel sh. sandy in part

f. g. dse lst. sh as above but with nodules pink & white chalcedonic & wh & pink anhydrite pastel sandy shale

Permian Red Beds 2130

wh pink sub rnd frosted gypsiferous sst, wh anhydrite interbedded with reddish-brn & maroon sh.

Rns

sh as above with interbedded rounded polished pink, frosted sst in part

Red-brown gritty sh

Cim-Anhyd. 2540

40' wh. massive anhyd.

Reddish-brn & maroon anhydritic sh.

50' red green & gray (& dolomitic red) anhydritic sh.

sh is sandy in streaks

tan to lt. sdy c dolo tan f. sdy c. dolo.

m+g sh.

c-tan sdy c, dolo, lt. g. sdy c. dolo.

m+g sh. sdy in streaks

c+tan sdy c dolo.

m+g sl. sdy sh.

lt-g, sdy c. dolo.

m+g sh.

g+lt, d-f, fos. Δ

g, d-f

" lt, f-gran. dolo. lst.

g-lt, f. gran, dolo. lst.

g, mottled f, fos.

c-g, d-f, fos.

g, f, fos.

g, d-f.

m+g sdy sh.

g-lt, d-f

"

"

c-g, d-f, fos

c-tan, f, gran, dolo. lst

lt-g, f, fos

Ls 3680

c-g, d-f.

" wh f.g. tan, calc, micac sst lt-g, f, fos. soft & porous in part

wh. d-f, sl. Δ lst.

wh, f-g, glassy calc. sst. soft, sat.

por & f. sl. Δ, scat ooc. por & sl. spotty dk oil stn

lt-g, f fos. streaks pin por

Hbnr. Sh. 3904

g-Δ f/c ss

g-Δ m+g-f, spots dk oil stn.

lt-g, f. gran. pin por. & spotty dk oil stn

Leaven 10' Ls 44'

lt-g, d-f, fos Δ, ooc por & spotty dk oil stn

wh. d-f

Ls 3944

c-g, d-f, scat. ooc, por. & spots dk oil stn

c-g, d-f, Δ, sl. ooc por & spots dk oil stn

c-g, d-f, scat. ooc, por. & spots dk oil stn

c-tan dse.

wh, d-f. Δ in part.

c-g, d-f.

Δ in part.

Win 9-

g, d-f, sl. Δ, scat ooc. por & sl. spotty oil stn.

c-g, d-f.

c, d-f. pink oolites in part spots dead oil stn

c, d-f, Δ

c, d-f, Δ

c, dse

"

c-g, d-f, Δ

c, d-f.

" m+g to blc sh.

lt-g, d-f, Δ

lt-g, finely arenaceous lst. wh to c, d-f

PBC 4440

Mississippian 4451

g, d-f

g, mt to c-g, sdy to sdy f ss

g, dse

g, d-f, sl. sdy sh

v col sh with pink & red spots

Miss Ls 51'

Miss Dol 48'

wh, cgl to sdy & residual iron-staining in part.

85 fnace wh. f. to c. sdy lm. lst

RTD 4488'