KANSAS
HARPER

11-66

| T. | R. |
|---|---|
| 33 S | 9 W |

6

0

ELEVATION
1386 KB

PRODUCTION
D&A

MACK OIL COMPANY

HOATH NO. 1

COMMENCED C SW SW

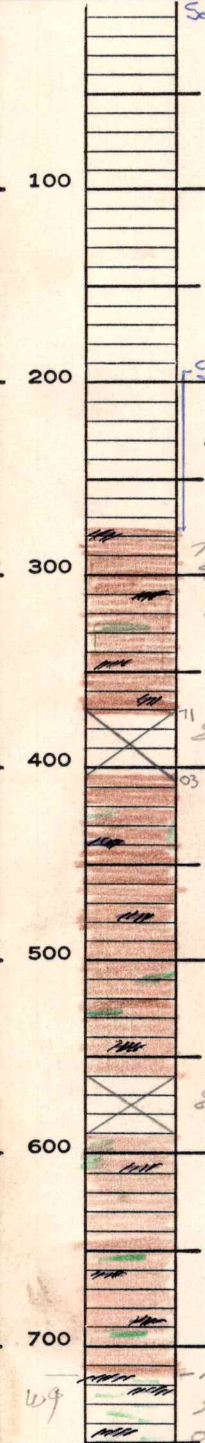
COMPLETED TD 4781'

REMARKS

ELog

Kraftbilt 187 ROSS-MARTIN CO. TULSA 1, OKLAHOMA PRINTED IN U.S.A.

See card for DST's:



Samples Start @ 277'

in Ninnescah Sh

rd & maroon Sh dominantly but with an occasional streak or spot of green. Thin beds [illegible] in part

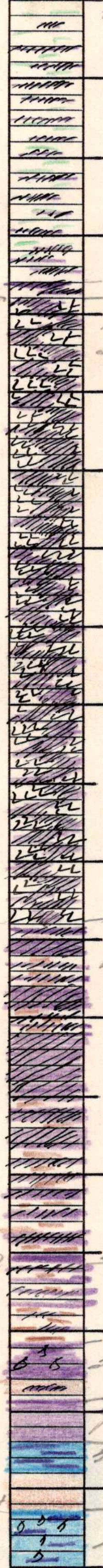
Skip

Skip

WG 715

Sh: dominantly [illegible]
or greenish-gray [illegible]

with no [illegible]
wh & g anhydrite



800

900

WS 940

indications of
Salt in sh & anhyd.
as above

1000

1100

1200

1300

BS 1340

BS —40

wh & g broken
shy anhydrite

1400

1500

Hollenberg 1550

Hol

lt dk, mottled [illegible]
anhydrite & [illegible]
as above – shy

1600

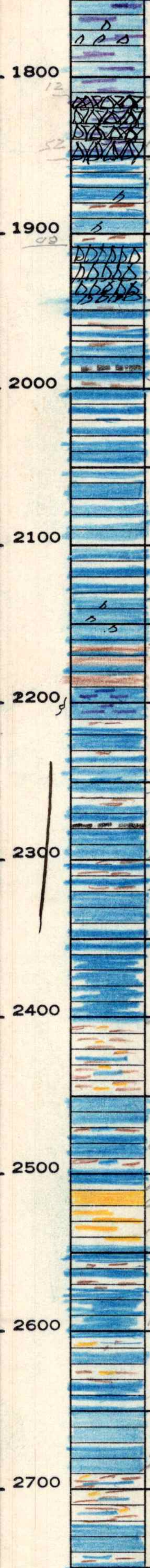
07
lt to brn suc to f xln
shy [illegible]
42 [illegible] anhydrite sh
[illegible] mott suc to f xln
[illegible]

lt [illegible] highly
[illegible]

1700

14 —14 Ft Riley 1714

A.g to lt suc to f xln
[illegible]



[illegible] Lst

**Florence 1812**

12 same but with abundant
g, chert or fusulinid Ls

g lt dk fos shy Lst
g lt dk fos shy Lst
v,col sh
v,col sh

**Wreford 1908**

g lt dk fos cherty
producing cherty Lst

c, g lt dk fos, thin-
bedded Lst

[illegible] g to [illegible] sh
g, [illegible]

wh g lt, dk fos
Lst with interbedded
v,col sh

wh to c, lt fos sh

[illegible] sh with thin inter-
bedded c g, dk fos Lst
tan to lt suc to f Xtal
dolo Lst, scat [illegible]
v,c sh
c g Lst
c lt dk fos shy Lst

**Neva 2190**

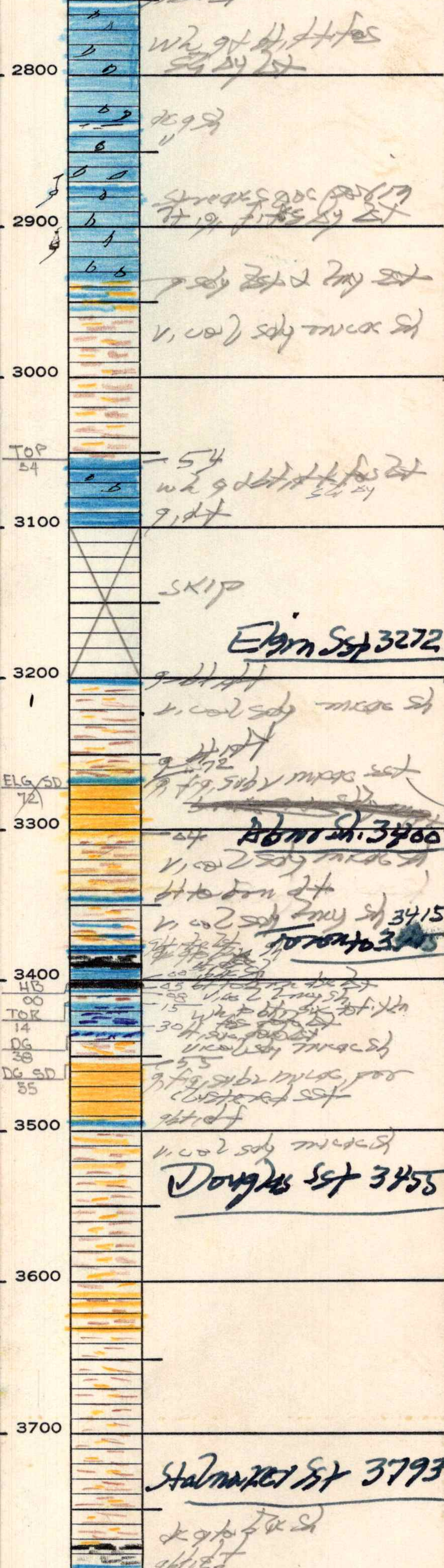
v,col sh Lst
g lt dk fos Lst
dk g to blk sh
g lt, dk fos Lst
g lt, dk [illegible] v,col sh
Lst g to dk lt fos
g [illegible]
[illegible] lt dk fos shy Lst

v,col sli sdy lmy sh

Lst g to dk lt [illegible]
v,col lmy sh
c lt dk fos
lmy sh
v,c sh
g fn sli micac sst
g sdy micac sh
g lt [illegible]
v,c sh
g lt, dk fos shy Lst

v,col sdy lmy sh
g [illegible]
v,col sh
g lt, dk fos shy Lst
Lst g to dk lt fos
g lt dk, partly mottled Lst
v,col sdy lmy micac sh

wh to g lt sh
[illegible] lmy sh
[illegible]



wh gt dk, lt tn fos
sy Lst

dk g Sh

streaks g oc [illegible]
lt lg, fits sy Lst

g sdy Lst & lmy Sst

v, col sdy mica Sh

-54
wh g dk, lt tn fos Lst
sdy
g, dt

SKIP

**Elgin Sst 3272**

g dk lt dt

v, col sdy mica Sh

g lt dt

-72
g fg, sub v mica Sst

[illegible]

**Heebner Sh. 3400**

-04

v, col sdy mica Sh

lt tn dense Lst

v, col sdy lmy Sh

3415

**Toronto 3.[illegible]**

-00

-05 lt tn [illegible] Lst

-08 v col lmy Sh

-15 wh p dk [illegible] fos

-30 lt [illegible] Lst

v col sdy mica Sh

-55
g fg, sub mica, poor
clustered Sst

g lt dt

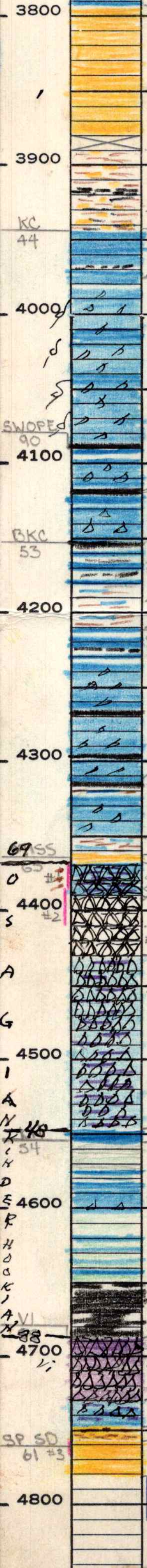
v, col sdy mica Sh

**Douglas Sst 3455**

**Stalnaker Sst 3793**

dk g to [illegible] Sh

g lt dt



93

g, f-g slty micac
por clustered sst

SKIP
v, col sdy micac sh

dk g to blk sh
sh as above but dk g
[illegible]
44

KC 3944

[illegible]

[illegible] more [illegible]
with streaks [illegible]
good [illegible]

[illegible]

[illegible]

BKC 4152

v, col [illegible] sh

[illegible]

[illegible]

Burgess Ss 4362

v, col, [illegible] sh

Miss 4369

v, col [illegible] sh
62 [illegible] f-g, sub-to-subrd, tight
69 [illegible] non-micac. sst
abundant white [illegible]
[illegible] tight
98 [illegible] spots [illegible]
samples almost 100% wh.
[illegible] dominantly
tripolite Δ
30
[illegible] dolo-
mitic ls with [illegible]
[illegible] white [illegible]
[illegible] Δ

Kdhk Lst + Sh 4548

[illegible] gray ~~[illegible]~~ [illegible]

48 gray lithographic, non-
56 cherty lst
dk greenish gray sh and
[illegible] ls
([illegible] near base of this ls)

Chattanooga Sh 4650

Viola 4688

50 dominantly blk blocky
sh: [illegible] spore bearing

88 abundant [illegible] gray [illegible]
[illegible]
xln [illegible]

Sx 4749

50 [illegible]
dolomitic ls
49 [illegible] f-med g, subr to sub
59 rd, tight dolomitic sst
wh to g f to c g subr to
subrd frosted friable sst

Total Depth 4781'
277
4504