

E-log.6

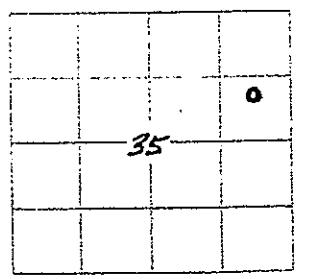
GEOLOGIST'S REPORT
 DRILLING TIME AND SAMPLE LOG

COMPANY John O. Farmer, Inc.
 LEASE Schoen A #8
 FIELD Norton
 LOCATION 1750' FNL & 1330' FEL
 SEC 35 TWSP 35 RGE 24 W
 COUNTY Norton STATE KS
 CONTRACTOR W.W. Drilling (Rig #6)
 SPUD 6/26/12 COMP 6/30/12
 RTD 3880' LTD 3867'
 MUD UP 3200' TYPE MUD chem

ELEVATIONS
 KB 2476'
 DF _____
 GL 2471'
 Measurements Are All From K.B.
 CASING SURFACE 5 7/8" @ 330'
 PRODUCTION _____
 ELECTRICAL SURVEYS
 DE _____
 CO _____
 MICRO _____

SAMPLES SAVED FROM 3250' TO RTD
 DRILLING TIME KEPT FROM 3250' TO RTD
 SAMPLES EXAMINED FROM 3250' TO RTD
 GEOLOGICAL SUPERVISION FROM 3300' TO RTD
 GEOLOGIST ON WELL Ken Wallace

FORMATION TOPS	LOG	SAMPLES
Anhydrite		
B. Anhydrite		
Heebner	3486 (-1010)	3486 (-1010)
Toronto	3514 (-1038)	3514 (-1038)
Lansing	3526 (-1050)	3526 (-1050)
B/Ke	3710 (-1234)	3710 (-1234)
Arbuckle	3786 (-1310)	3790 (-1314)
Granite Wash	3800 (-1324)	3801 (-1325)
Granite	3856 (-1380)	3854 (-1378)



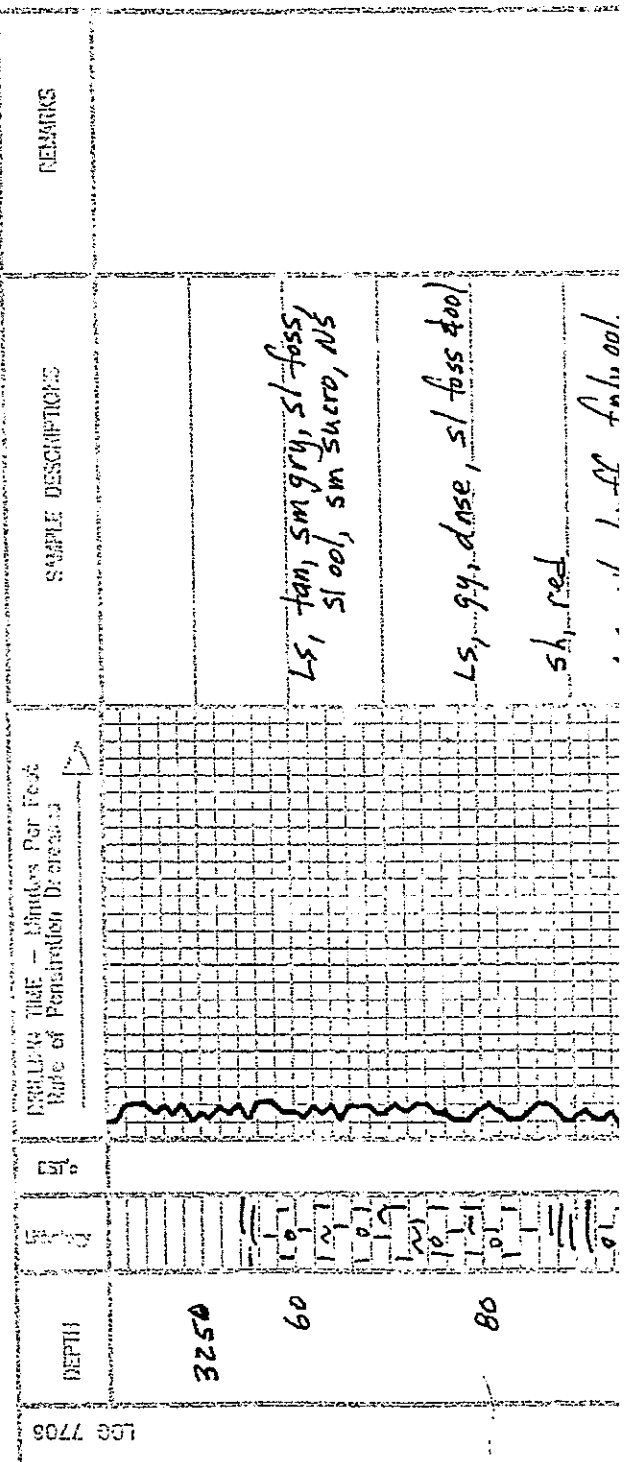
REMARKS Set pipe to further evaluate good show of oil in Arbuckle.

Ken Wallace, P.G.

LEGEND

- Anhydrite
- Salt
- Sandstone
- Shale
- Coal sh
- Limestone
- Coal Line
- Chart
- Derrick

SCALE 1" = 100'

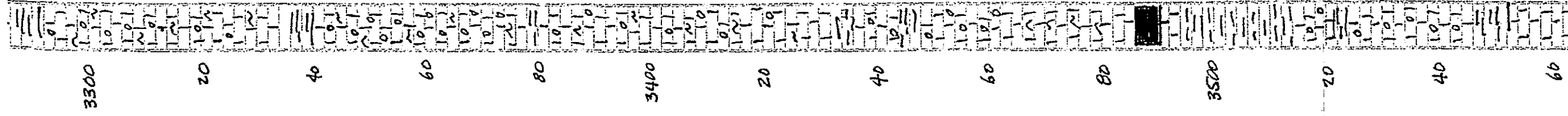
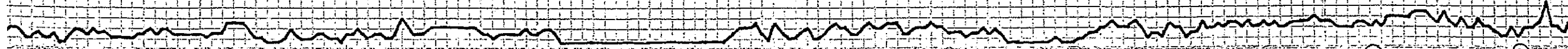


sh, red
 Ls, wh-buff, finy ool, foss
 AA
 sh, red, sm gry
 Ls, wh-buff, ool, foss, 9d ppt φ, NS
 AA, sl Δty
 sh, dk gry, sm red
 Ls, tan, ool, foss, NS
 AA
 sh, red
 Ls, gy, ool, foss, sl dnse
 sh, black-dkgy
 Ls, wh, ool, NS
 Ls, wh, sucrd, sl foss
 sh, black
 sh, red, sm grn
 Ls, tan, spool, sl cky, NS
 Ls, wh, ool, 9d inter ool φ, 9d ug φ, Gsf0, Gd0
 Ls, wh-buff, fin-cky, NS
 sh, red, sm grn
 Ls, gy, ool, foss, 9d inter ool φ, Ssf0, Fod

Hebner 3486
 (-1010)

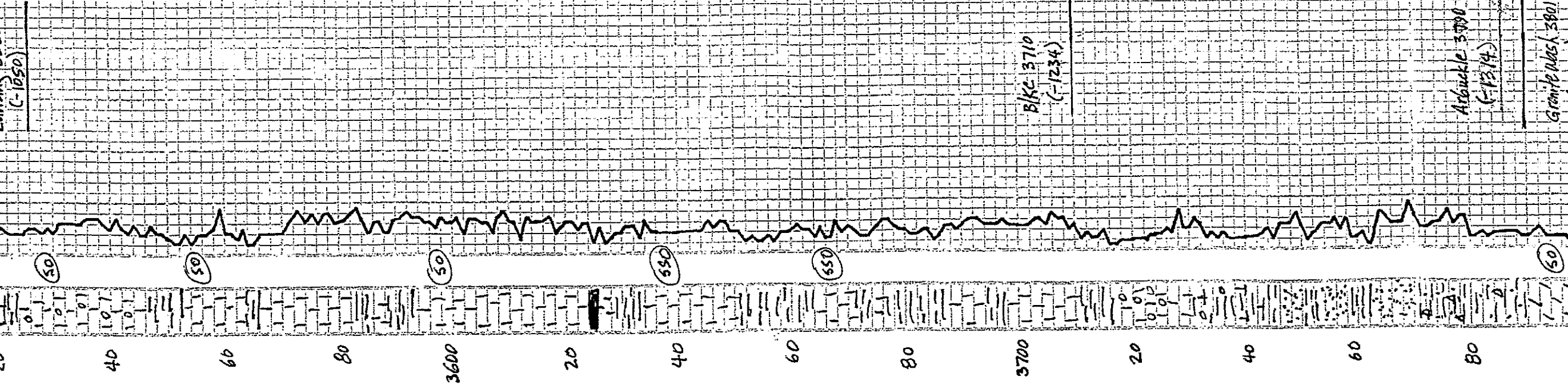
Toronto 3514
 (-1038)

Lansing 3526
 (-1050)



30

50



(-1050)

Ls, wh, ool, 9d inter ool
ϕ, 9d vq ϕ, GSF0, Gd0

Ls, wh-bu H, fxin-cky,
NS
Sh, red, sm grn

Ls, gy, ool, foss, gd inter
ool ϕ, S5FO, Fod
Sh, red

Ls, wh, fxin, s/ool/d
cky, NS

sh, red w/ ool Ls, foss

Ls, tan, cky, pvq ϕ,
VSSFO, sm stn

Ls, blngy-wh, ool, fxin,
NS

sh, black

Ls, wh, ool, pink ool, p
inter, ool ϕ & vq ϕ, foss,
scat stn, VSSFO, N odor

Ls, H gy, fxin-cky, NS
Sh, red, sm grn & brwn

3672' 30/45" Ls, tan-buff ool,
foss, pvq ϕ, f stn, 1 pc VSSO
← circ 3672

sh, red, sm grn

3692' 30/45" Ls, wh, ool, sm
← circ 3692 fxin-cky, N ϕ, NS

Sh, red, sm Ls, ool/wt
red mottg

3710' 30/45" Ls, wh, ool-cky
← circ 3710' N stn, NS, N d

sh, red, gry

Ls, gy, crs ool/w red
mottg, NS

VC sh, sm Ls, ool & foss
w/ red clay interclasts

SS, wh, v-fn, grd, CaO₃
cement, well rd, P-FSAT, NS

SS AA, vy calc, ded stn
3766' 30/45" AA, NS
← circ 3766 (gilsonite)

sh, VC, s/cky, sm
ind v sd grns, NS

3784' 30/45" AA
← circ 3784

3798 30" Dol, tan, fn-crs
sm crs, glauc, 9d
← circ 3798 3000' Pat. 0. GSF0, Gd0v

Arguakle 3780
(-1234)

Granite Nds, 3801

3692' 30/45" LS, wh, ool, sm
← circ 3692' fsh-cky, Nφ, NS
sh, red, sm ls, oo/wt
red matig

BkC 3710
(-1234)

3710' 30/45" LS, wh, oo-cky
← circ 3710' NSTn, NS, ND
sh, red, gry
LS, gy, crs w/w red
Molig, NS

VC sh, sm ls, oo/ffss
w/ red clay interclasts
SS wh, v-fn, grd, CaCO₃
cement, well rd, P-F sort, NS
SS AA, v, calc, dds in
3766 30/45" AA, NS
← circ 3766'

sh, VC, sl Δty, sm
indv sd grns, NS
3784 30/45" AA
← circ 3784'

Arcuclle 3790
(-1234)

3798 30" Dol, tan, fn-cise
swaro, glauc, gd
← circ 3798' ppt φ, GSF0, Gador

Granite 3801
(-1235)

3818 30/45" v. sh, abd gtz, pink
grns, rd to subangl, sm
SS clusters, p sort,
← circ 3818' abd gilsonite, sm, pyrite
cement, SS cluster GSD
on break, F odor
SS, pink, f sort, f red grns,
much gilsonite, NST0, gd
odor

3850 30" AA
← circ 3850'

Granite 3854
(-1578)

3863 30" Δty, pink, ang,
← circ 3863' elongated, sm feldsp,
sm g-ilsonite

3886 30/45" AA
← circ 3886'

