



Office (620) 588-4250 212 Main St. • P.O. Box 215 • Clarifin, KS 67525 (620) 587-3444
 Home (620) 587-3444

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY American Warrior Inc.

LEASE Donald #1-11

FIELD Bushston

LOCATION NW-SE-SE-SE (342' FSU, 352' FEL)

SEC 11 TWP 18S RGE 10W

COUNTY Rice STATE Kansas

CONTRACTOR Duke Drilling Co. (rig#8)

SPUD 9/26/2014 COMP 10/1/2014

RTD 3400 LTD 3392

MUD UP 2500 TYPE MUD Chemical displaced

SAMPLES SAVED FROM 2600

DRILLING TIME KEPT FROM 2700

SAMPLES EXAMINED FROM 2700

GEOLOGICAL SUPERVISION FROM 2750

GEOLOGIST ON WELL Jim Musgrove & Clint Musgrove

ELEVATIONS

KB 1753

DF _____

GL 1745

Measurements Are All From -KB-

CASING SURFACE 8 5/8" @ 412'
 PRODUCTION 5 1/2" @ 3399'

ELECTRICAL SURVEYS
Pioneer
DIL, CNV, DL, Micro, Same

RTD

FORMATION TOPS LOG SAMPLES

Anyhydrite	451	+1302
Base anhydrite	467	+1286
Hebner	2785	-1032
Ironstone	2801	-1048
Douglas	2815	-1062
Brown lime	2901	-1148
Wansing	2922	-1169
Base Keweenaw City	3197	-1444
Conglomerate	3217	-1464
Arbuckle	3271	-1510
RTD	3400	-1647
LTD	3392	-1634

REMARKS

5 1/2" production casing was set & cemented on the Donald #1-11.

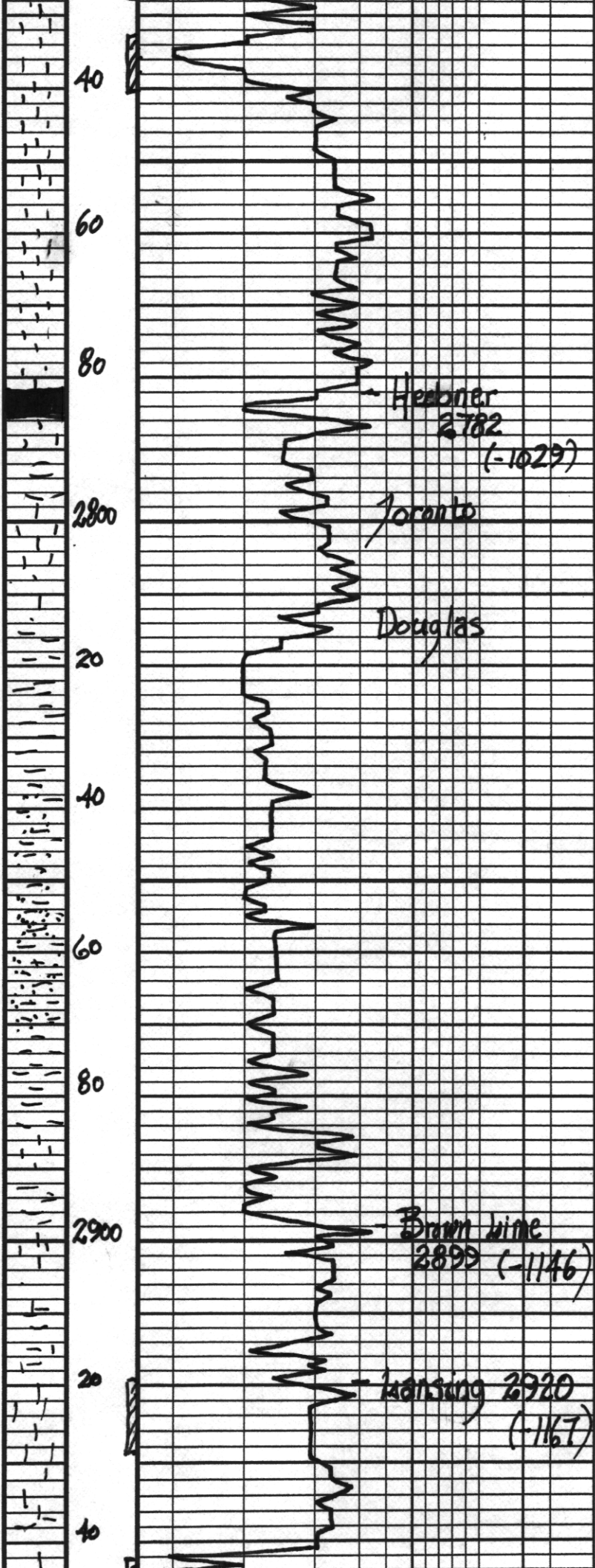


Respectfully submitted:
 James C. Musgrove & Clint Musgrove
 Petroleum Geologists

1753 KB -

W. tan, ex. by sus, slightly dolomitic n/s

5052



ls, gray/wh; fine; com;
cherty; bar. vis. n/s

ls, gray; fine, slightly gran;
cherty n/s

Tr. gray Δ

blk carb. sh.

non/brick red-green sh

ls, gray; wh; fine; few foss;
cherty; Jr. dk. broken sh.
Tr. fo (heavy - blk/brown)
no odor.

grayish green/gray-green
silty sh.

Sd. gray/grayish green, vfg;
mica; shaly in part;
Tr. fo n/s

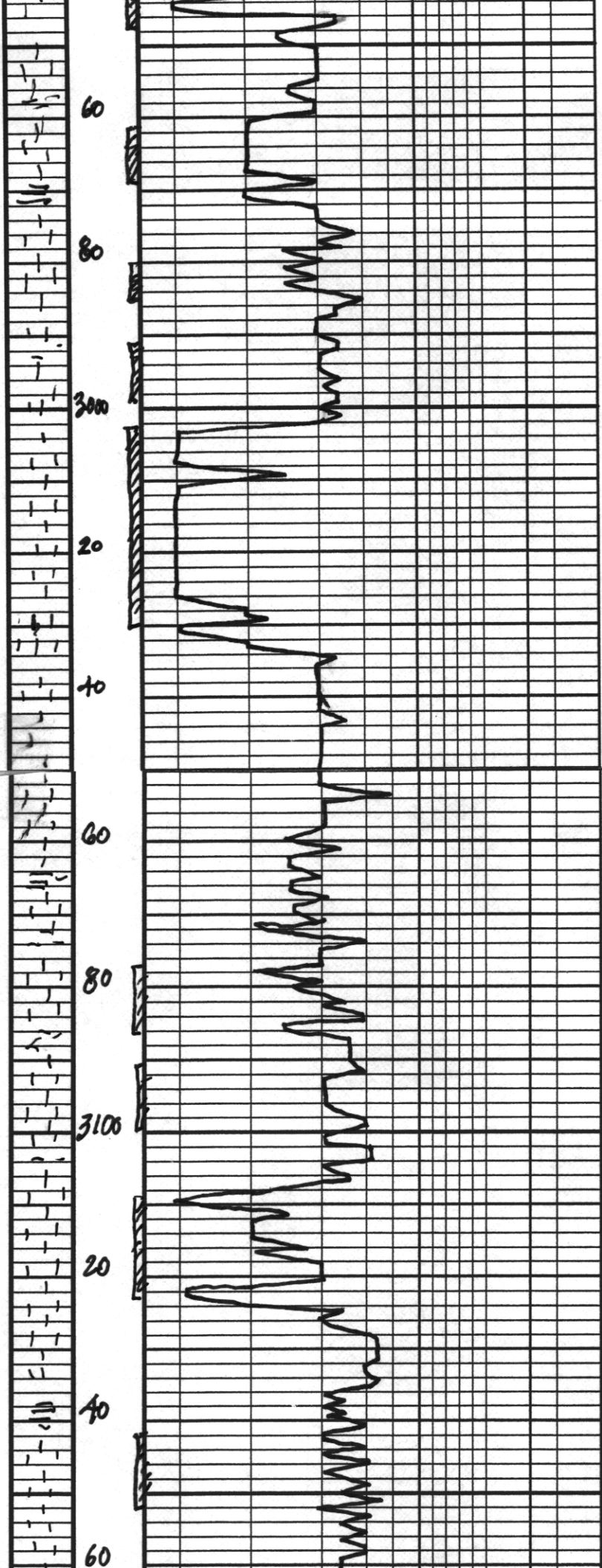
data shak/sand

ls, wh; cherty

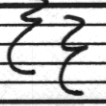
ls, tan/brown, slightly
dy. (d. se.)

gray/grayish green
sh.

ls, wh/gray; slightly foss
cherty n/s



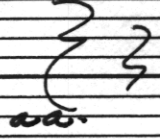
ls, tan/gm, ool, oom, fr, o



ls, tan, foss, oom, scatt
fossil cont/oom o (barren)

ls, gm, tan, ool, slightly
ly/dsq

ls, tan, brown, oom, fr, oom
(barren)



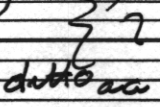
ls, crm, fat, ool, foss
scatt vis, s' wsf

gr. blk carb sh

ls, gm, wh, foss/ool,
chky, poor vis o' ml

ls, tan, few w/ scatt o' ool

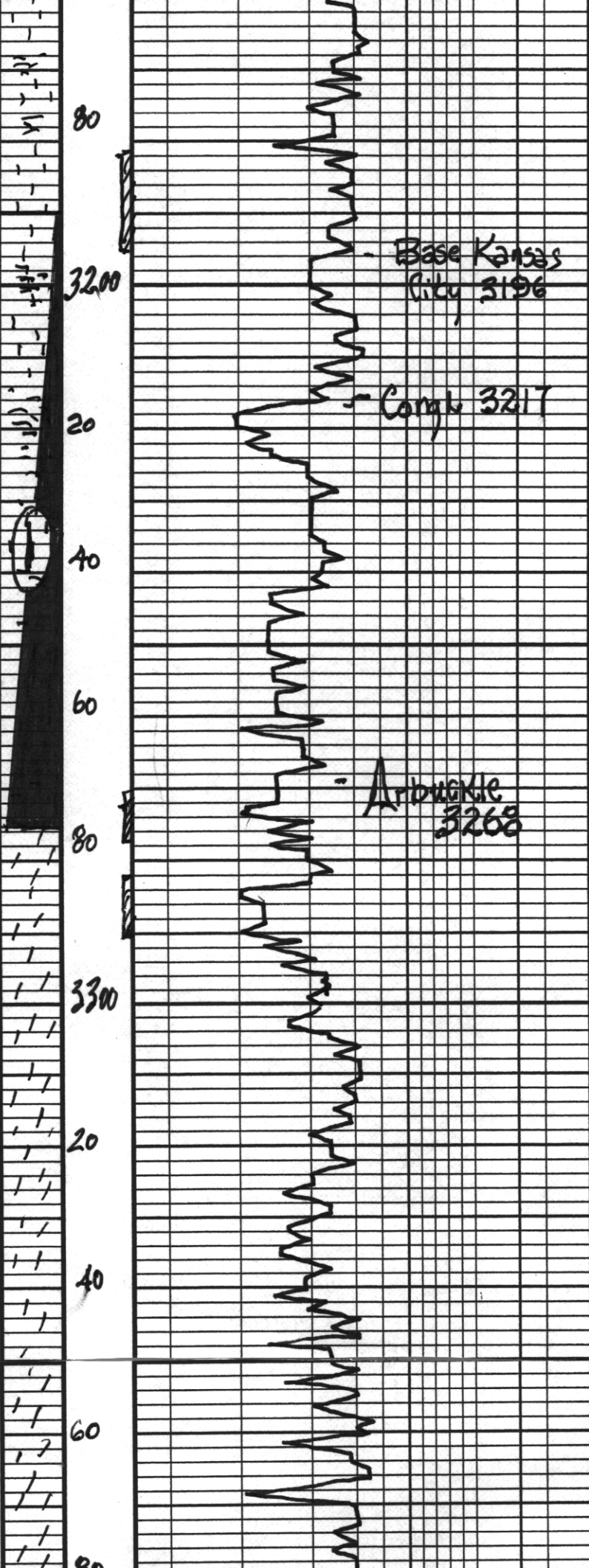
ls, gm, wh, foss/oom,
fr oom o' ml



gm/mar sh.

ls, gm/crm (x' h), chky,
poor vis o'





~ Jr. Coffee brown sh

~ ls, crm, (x-l) cherty,
scat g ms

~ ~

~ gry/red sh

~ ls, crm, wh/tan fxl
cherty ms

Dist #1 3190-3275

30-30-30-45

Blow, weak

REC; 50' clean oil

90' Heavy oil

cut mud

(40% oil; 60% mud)

~ v.c. sh

~ ls, wh/crm, fxl, cherty
by (dsc)

~ ~

~ v.c. sh / v.c. ool; opaque/
bary/A

Pressures; Isip 1026 psi

Isip 1016

IHP 42-54

SSP 60-77

NSH

1559-1516

~ dol, wh/gry, fxl, suc;
scat ppd / brown sh;
Sfo odor.

~ dol, wh/tan, f-med
xh; Jr brown sh; Trifo;
Sfo odor

~ dol, aay, scat g; Jr. Por sh;
Trifo; Sfo odor

~ dol, wh/tan f-med xh;
gry
Jr. Ex-25 ms

~ aay, few AY

~ dol, wh/gry, suc; scat g

