

AUSTIN B. KLAUS

Cell 785.650.3629
Work 785.483.3145
Ext 225

PO BOX 352
Russell, KS 67665
austin.klaus@johnofarmer.com

Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: Cress #7
Location: Ellis County
License Number: API #15-051-26918-00-00
Spud Date: 6/12/2018
Surface Coordinates: Section 13, Township 11 South, Range 17 West
2,418' FNL & 330' FEL
Bottom Hole Coordinates: Vertical well w/ minimal deviation, same as above
Ground Elevation (ft): 1,819
Logged Interval (ft): 2,700 To: RTD
Formation: LKC-Arbuckle
Type of Drilling Fluid: Chemical (K.D.T)

Region: Kansas
Drilling Completed: 6/16/2018
K.B. Elevation (ft): 1,824
Total Depth (ft): 3,420

Printed by STRIP.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: American Oil, LLC
Address: 1200 Main, Suite 410
Hays, KS 67601

GEOLOGIST

Name: Austin Klaus
Company: John O. Farmer, Inc.
Address: 370 W. Wichita Ave.
Russell, KS 67665

Comments

The Cress #7 well was drilled by WW Rig #8 (Tool Pusher: Scot Piland).

The Cress #7 was drilled as production offset to the Hugh I. Cress #2 well (1937). Rock samples were gathered and evaluated from 2,700'-3,420'. Oil shows were encountered in the LKC C,D,F, J, K and Arbuckle. Structurally, the Heebner top was picked 7' low to the comparison well, 100' to the south (Cress #2). Structural thinning occurred through the Lansing and below and the Arbuckle top was picked 3' high to Cress #2. After evaluation of all oil shows and electric logs, it was decided that 5 1/2" production casing be set to further evaluate the Cress #7 on 6/17/2018.

ROCK TYPES

Anhy
 Bent
 Brec
 Cht

Clyst
 Coal
 Congl
 Dol

Gyp
 Igne
 Lmst
 Meta

Mrlst
 Salt
 Shale
 Shcol

Shgy
 Sltst
 Ss
 Till

OTHER SYMBOLS

POROSITY

Earthy
 Fenest
 Fracture
 Inter
 Moldic
 Organic
 Pinpoint

Vuggy

SORTING

Well
 Moderate
 Poor

ROUNDING

Rounded
 Subrnd
 Subang
 Angular

Spotted
 Ques
 Dead

EVENT

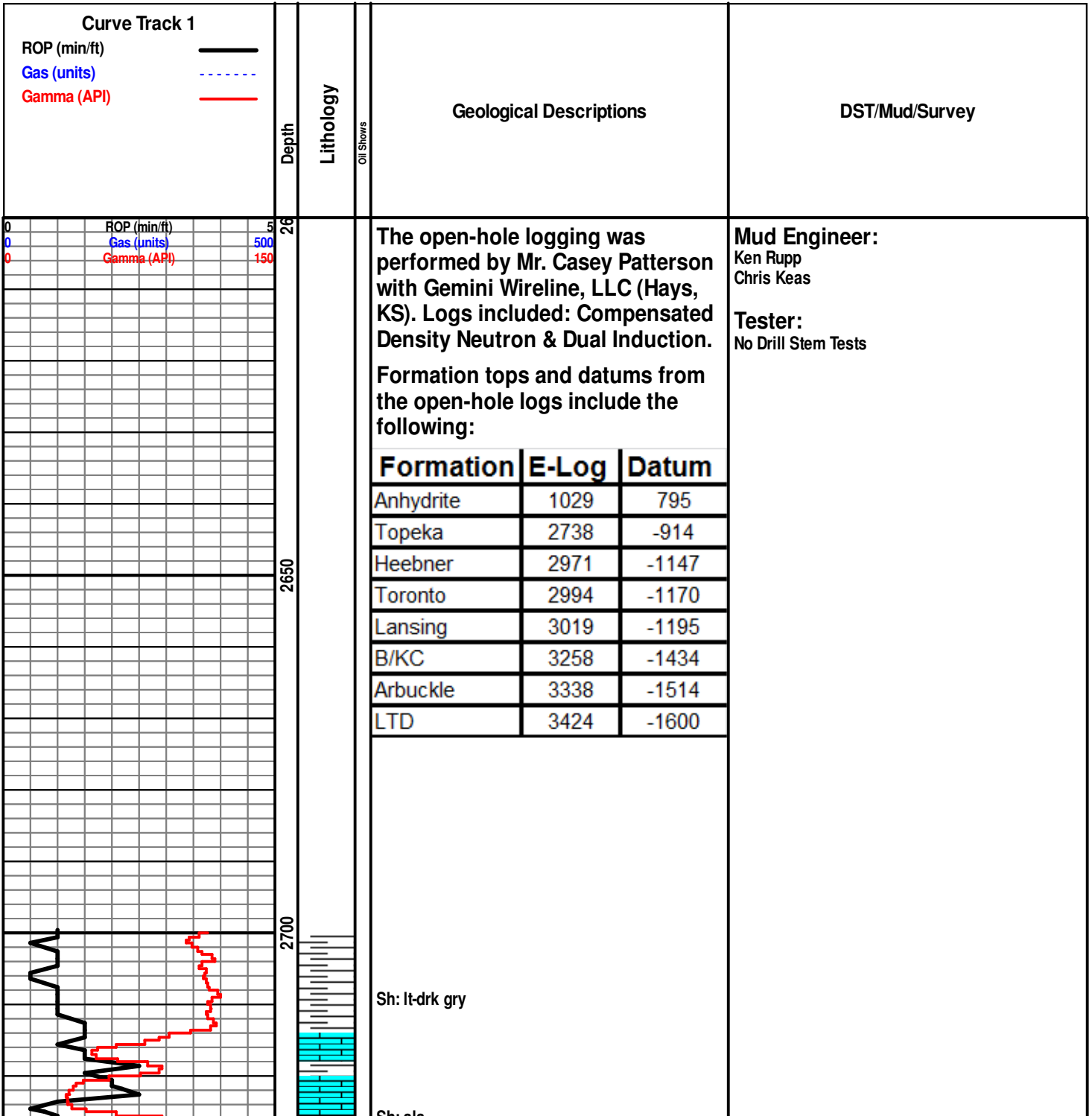
Rft
 Sidewall

INTERVAL

Core
 Dst

OIL SHOW

Even



Mud Engineer:
Ken Rupp
Chris Keas

Tester:
No Drill Stem Tests

Topeka 2734' (-910)

Ls: tan-gry, fn xln, mostly DNS, scat foss

Ls: ala

Sh: gry, scat soft

Ls: off wh-tan, fn xln, poor-fair pp vuggy porosity, scat foss, scat chalk

Sh: gry

Ls: tan-gry, fn xln, DNS, scat foss, chalky

Ls: ala

Ls: tan-gry, fn xln, mostly DNS, scat chalk

Sh: drk gry-blk

Ls: tan-crm, fn xln, foss, mostly DNS

Ls: tan-gry, fn xln, poor pp vuggy porosity, chalky

Sh: gry

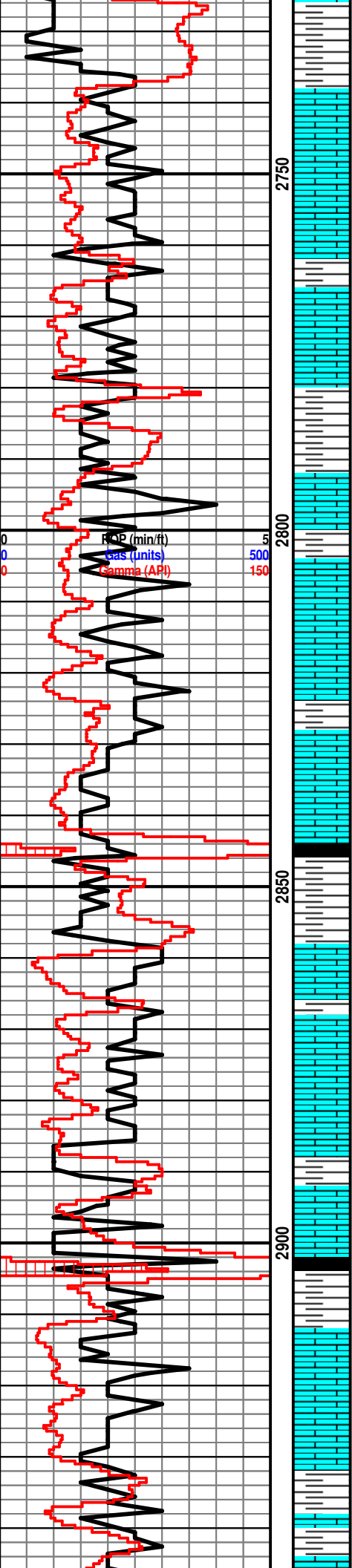
Sh: drk gry-blk

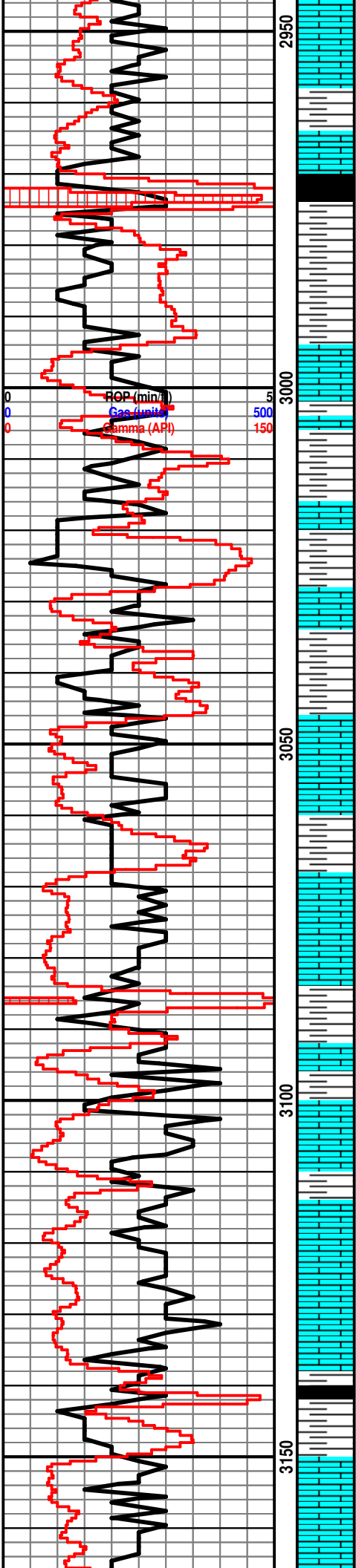
Ls: off wh-tan, fn xln, scat int xln porosity, scat pkst, chalky, foss

Ls: off wh-tan, fn xln, mostly DNS, scat chalk

Sh: gry

Wt: 8.6
Vis: 48





Ls: tan-gry, fn xln, poor int part porosity, scat foss, chalky

Heebner 2967' (-1143)

Sh: blk, carb, fissile

Sh: lt-drk gry, brn

Toronto 2989' (-1165)

Ls: off wh-tan, fn xln, poor-fair int xln porosity, NSFO

Sh: lt-drk gry

Lansing 3015' (-1191)

Ls: off wh-tan, fn xln, poor int xln porosity, NSFO, scat foss

Sh: drk gry-brn

Ls: off wh-tan, fn xln, poor int xln & scat vuggy porosity, NSFO, no odor

Sh: lt-drk gry

Ls: off wh-tan, fn xln, fair int xln & scat int part porosity, sl oil stn in porosity, VSSFO, sl odor

Sh: drk gry-brn

Ls: off wh-tan, fn xln, foss, poor int xln & int foss porosity, scat oil stn in porosity, VSSFO, fnt odor

Ls: off wh-tan, fn xln, mostly DNS, NSFO

Sh: drk gry-brn

Ls: off wh-tan, fn xln, foss, fair int xln & scat int foss porosity, scat-fair oil stn, VSSFO, sl odor

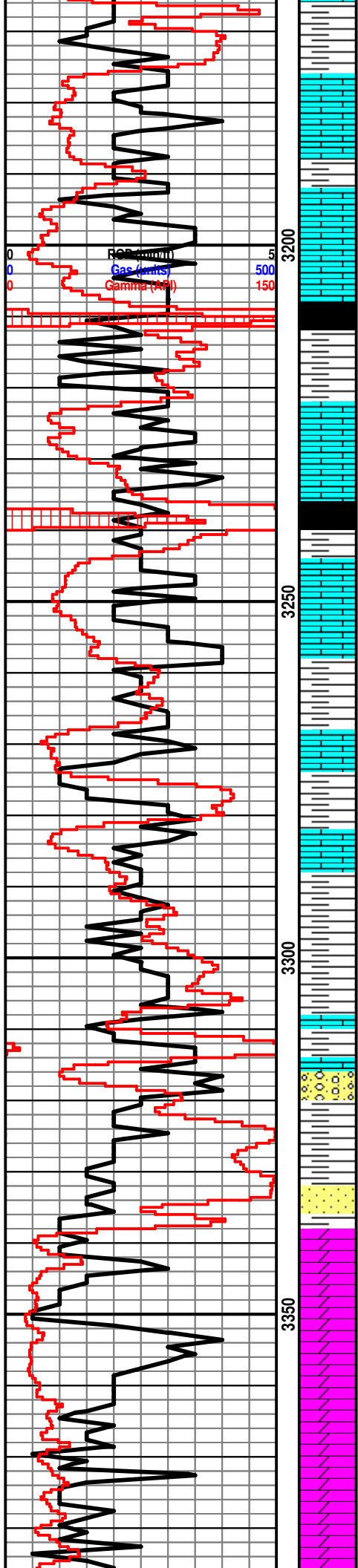
Sh: drk gry

Ls: off wh-tan, fn xln, poor int xln porosity, NSFO

Ls: ala

Sh: drk gry-blk

Ls: off wh-tan, fn xln, foss, scat-fair int xln & int foss porosity, dead oil stn, NSFO, no odor



Sh: drk gry-drk brn, soft

Ls: off wh-tan, fn xln, poor int xln & scat int part porosity, vry lt oil stn in porosity, NSFO, vry fnt odor

Sh: drk gry-brn

Ls: off wh-tan, fn xln, poor int xln porosity, fair oil stn in porosity, VSSFO, fnt odor, scat chert-off wh

Sh: drk gry-blk

Ls: off wh-tan, fn xln, poor int xln porosity, scat dead oil stn in porosity, VSSFO, sl odor, scat chert-off wh

Sh: drk gry-blk

Ls: off wh-tan, fn xln, poor int xln & scat int part porosity, NSFO, no odor

B/KC 3258' (-1434)

Sh: drk gry-drk brn

Ls: off wh-crm, fn xln, mostly DNS, scat foss

Sh: lt-drk gry, scat red

Ls: tan-gry, fn-xln, DNS, scat glauc

Sh: lt-drk gry, scat red

Ls: off wh-crm, mostly DNS, scat sh: red, hvy chert

Sh: drk gry-drk brn

Ls: tan-gry, fn-sub xln, DNS, scat chert-off wh, scat sh: drk grn

Ss: qtz, clr, fn-md grn, poor-fair sorting, subrnd, fair int grn porosity, NSFO, hvy sh: drk grn, waxy

Arbuckle 3333' (-1509)

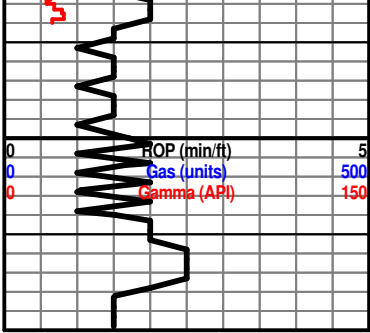
Dolo: off wh-tan, fn xln, fair-good sucrosic xln porosity, good oil sat, SSFO, fair odor, scat sh: grn

Dolo: off wh-tan, fn-md xln, fair-good sucrosic xln porosity, fair-good oil sat, S-FSFO, fair-good odor

Dolo: off wh-tan, fn xln, fair sucrosic xln porosity, fair-good oil sat, SSFO, fair odor, scat chert-off wh, scat sh: drk gry-grn

Dolo: off wh-tan, fn-md xln, fair-good sucrosic xln porosity, fair oil sat, VSSFO, fair odor

Dolo: off wh-tan, md xln, fair int xln porosity, NSFO, scat chalk



3400

ROP (min/ft) 5
 Gas (units) 500
 Gamma (API) 150

Dolo: ala

Dolo: off wh-tan, fn-md xln, fair int xln porosity, NSFO, fnt odor, scat chert-off wh

Dolo: ala

Wt: 8.9
 Vis: 60