

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 845

Date	6.12.18	Sec.	13	Twp.	11	Range	17	County	Ellis	State	KS	On Location		Finish	9:00 am						
Lease	Cress		Well No.		7		Location									Cedar & River Road 2E Sinto					
Contractor	W W #8		Owner		To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.																
Type Job	Surface		Charge To		American Oil																
Hole Size	12 1/4		T.D.		260																
Csg.	8 5/8		Depth		259																
Tbg. Size			Depth																		
Tool			Depth																		
Cement Left in Csg.	10		Shoe Joint		The above was done to satisfaction and supervision of owner agent or contractor.																
Meas Line			Displace		15 1/2 BCL																
EQUIPMENT													Common			120					
Pumptrk	5		Cementor		Craig											Poz. Mix			30		
Bulktrk			Helper		Brett											Gel.			3		
Bulktrk	14		Driver		Jordan											Calcium			6		
JOB SERVICES & REMARKS													Hulls								
Remarks:													Salt								
Rat Hole													Flowseal								
Mouse Hole													Kol-Seal								
Centralizers													Mud CLR 48								
Baskets													CFL-117 or CD110 CAF 38								
D/V or Port Collar													Sand								
8 5/8 on bottom - Est. Circulation													Handling			159					
Mix 150SK & Displace													Mileage								
Cemen-Circulated													FLOAT EQUIPMENT								
													Guide Shoe								
													Centralizer								
													Baskets								
													AFU Inserts								
													Float Shoe								
													Latch Down								
													Pumptrk Charge			Surface					
													Mileage			28					
													Tax								
													Discount								
													Total Charge								
Signature													Total Charge								

X Signature *Scott P. Land*

Tax
Discount
Total Charge

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 848

Date	6-17-18	Sec.	13	Twp.	11	Range	17	County	Ellis	State	KS	On Location		Finish	6:30 AM
Lease								Location		Cadell & River Road NE 1/4 S Winto					
Contractor								Well No.		Owner					
WW #8								7		To Quality Oilwell Cementing, Inc.					
Type Job										You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.					
DV Job															
Hole Size				T.D.				Charge To							
7 7/8				3420				American Oil							
Csg.				Depth				Street							
5 1/2				3419											
Tbg. Size				Depth				City				State			
DV Tool				1054											
Cement Left in Csg.				Shoe Joint				Cement Amount Ordered				280 @ 60 QMDC 1/4 #10			
Meas Line				Displace				Common				280 @ 60 QMDC			
				25 BK											
EQUIPMENT															
Pumptrk	No.	Cementer													
17		raig													
		Helper													
		David													
Bulktrk	No.	Driver													
		Jordan													
Bulktrk	No.	Driver													
43															
JOB SERVICES & REMARKS															
Remarks:												Hulls			
Rat Hole 30SK												Salt			
Mouse Hole												Flowseal 75th			
Centralizers												Kol-Seal			
Baskets												Mud CLR 48			
D/V or Port Collar												CFL-117 or CD110 CAF 38			
Phys Rathole with 30SK												Sand			
Cement 5 1/2 with 250SK												Handling 280			
Open line Displace Phys.												Mileage			
Cement Circulate 5												FLOAT EQUIPMENT			
												Guide Shoe			
												Centralizer			
												Baskets			
												AFU Inserts			
												Float Shoe			
												Latch Down			
												Pumptrk Charge			
												prod string			
												Mileage 28			
												Tax			
												Discount			
												Total Charge			
Signature <i>Chris Weasley</i>															

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 847

Date	6-17-18	Sec.	13	Twp.	11	Range	17	County	Ellis	State	KS	On Location		Finish	3:45 AM
Lease								Well No.		Owner					
Cross								7		To Quality Oilwell Cementing, Inc.					
Contractor								Bottom Stage		You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.					
Type Job								DU-Job		Charge To					
Hole Size								7 7/8		American Oil					
Csg.								5 1/2		Street					
Tbg. Size										City					
Tool								DU #57		State					
Cement Left in Csg.								25'		The above was done to satisfaction and supervision of owner agent or contractor.					
Meas Line								Displace		Cement Amount Ordered					
								80 BBL.		150 lb/salt 5 lb/Gilsonite					
EQUIPMENT								Common		500 gal mud Clear 20 BBL KCL					
Pumptrk								17		150					
Bulktrk								14		Poz. Mix					
Bulktrk								3		Gel.					
JOB SERVICES & REMARKS								Hulls		Calcium					
Remarks:								Salt		13					
Rat Hole								Flowseal		7					
Mouse Hole								Kol-Seal		750#					
Centralizers								Mud CLR 48		500 gal					
Baskets								CFL-117 or CD110 CAF 38							
D/V or Port Collar								Sand							
5 1/2 set @ 3419. Baffle @ 3394								Handling		170					
Best Circulation: Pump 500 gal mud Clear								Mileage							
10 BBL KCL Cement 5 1/2 with 150 lb K.								FLOAT EQUIPMENT							
Clear horse Displace Plug. 10 BBL KCL								Guide Shoe							
Pump 54 BBL water 18 BBL mud								Centralizer		8					
9 BBL water to land Plug.								Baskets		3					
Plug land @ 1550 ft.								AFU Inserts		DU Tool					
Lift pressure test.								Float Shoe		1					
Drop Down Open D/V Tool.								Latch Down		1					
Circulate 2 hrs															
								Pumptrk Charge		prod string					
								Mileage		28					
								Tax							
								Discount							
								Total Charge							
Signature								A. W. ...		Bottom Stage					

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


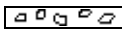
Name: Austin Klaus
Company: John O. Farmer, Inc.
Address: 370 W. Wichita Ave.
Russell, KS 67665

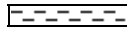



Comments





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

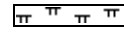
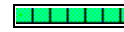
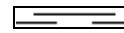
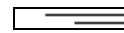
The Cress #7 was drilled as production offset to the Hugh I. Cress #2 well (1937). Rock samples were gathered and evaluated from 2,700'-3,420'. Oil shows were encountered in the LKC C,D,F, J, K and Arbuckle. Structurally, the Heebner top was picked 7' low to the comparison well, 100' to the south (Cress #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.

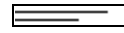



ROCK TYPES

 Anhy
 Bent
 Brec
 Cht

 Clyst
 Coal
 Congl
 Dol

 Gyp
 Igne
 Lmst
 Meta

 Mrlst
 Salt
 Shale
 Shcol

 Shgy
 Siltst
 Ss
 Till

OTHER SYMBOLS

POROSITY

Earthy
 Fenest
 Fracture
 Inter
 Moldic
 Organic
 Pinpoint

Vuggy

SORTING

Well
 Moderate
 Poor

ROUNDING

Rounded
 Subrnd
 Subang
 Angular

OIL SHOW

Even

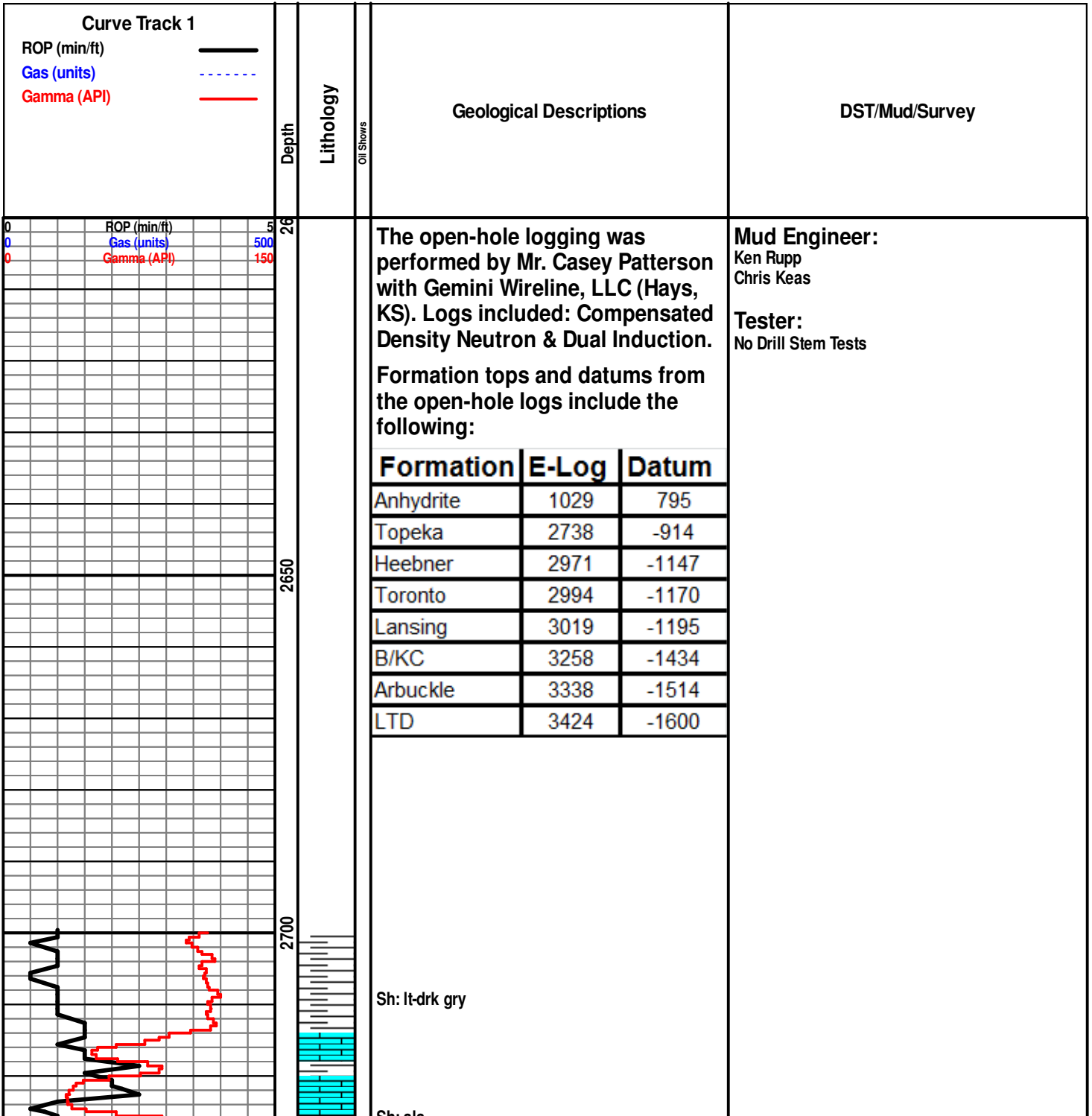
Spotted
 Ques
 Dead

INTERVAL

Core
 Dst

EVENT

Rft
 Sidewall



Formation	E-Log	Datum
Anhydrite	1029	795
Topeka	2738	-914
Heebner	2971	-1147
Toronto	2994	-1170
Lansing	3019	-1195
B/KC	3258	-1434
Arbuckle	3338	-1514
LTD	3424	-1600

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

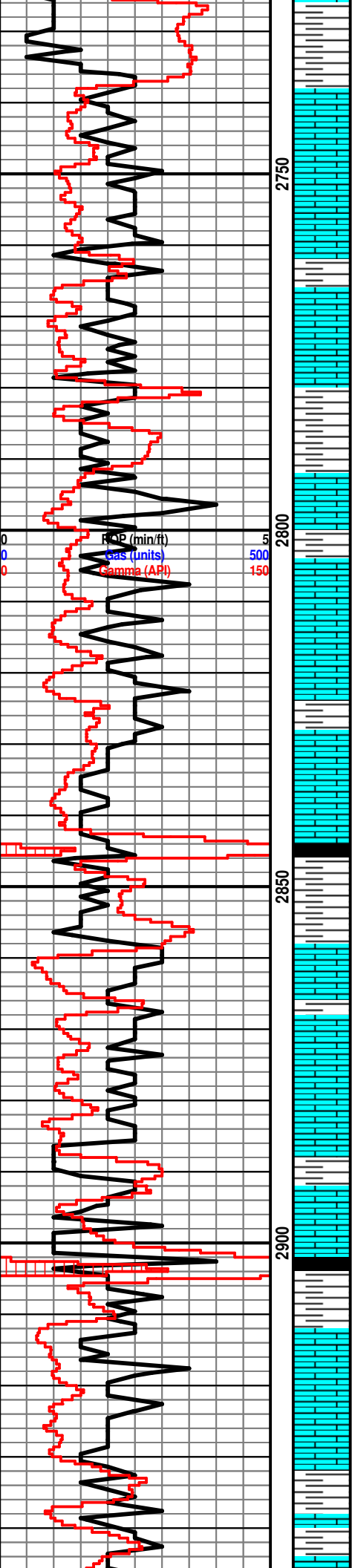
Sh: drk gry-blk

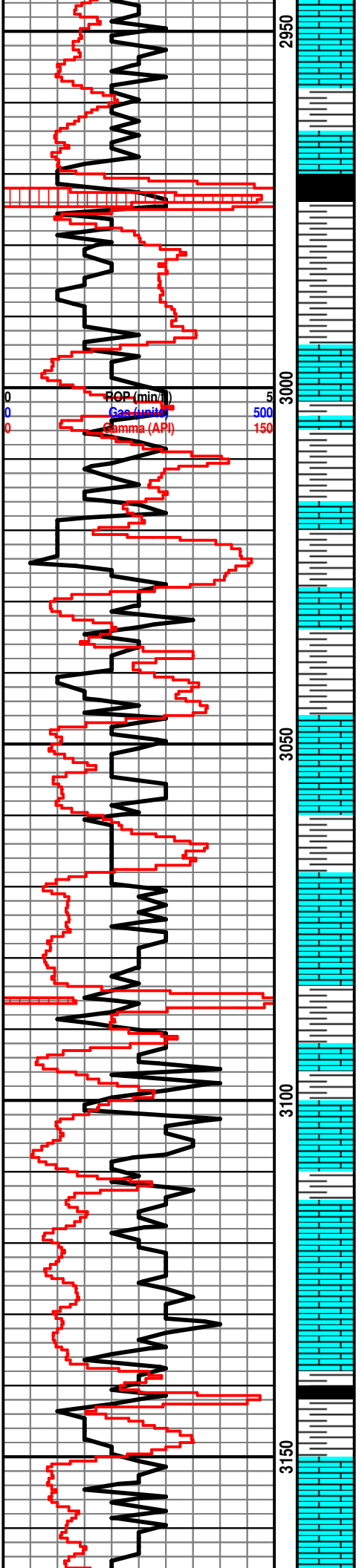
Ls: off wh-tan, fn xln, scat int xln porosity, scat pkst, chalky, foss

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

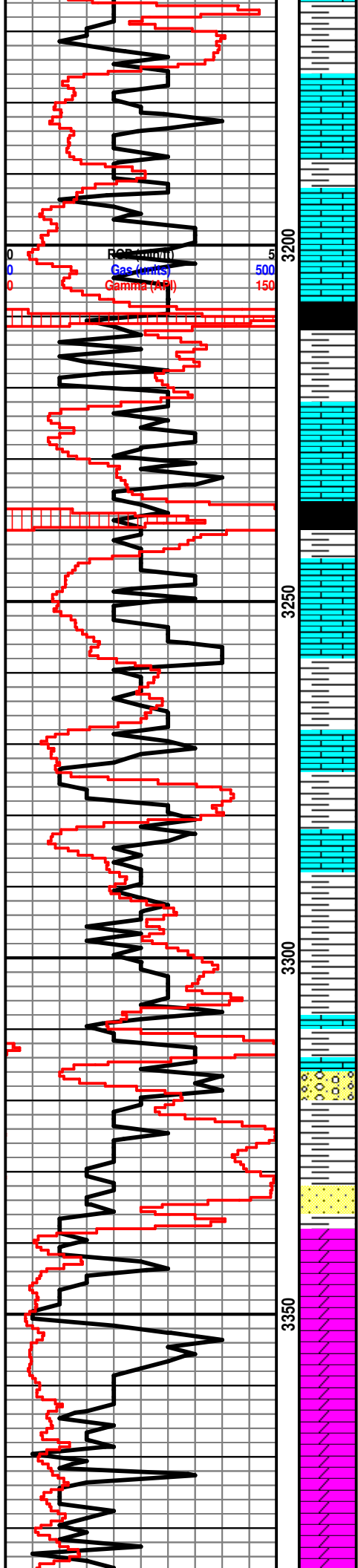
Sh: drk gry

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)

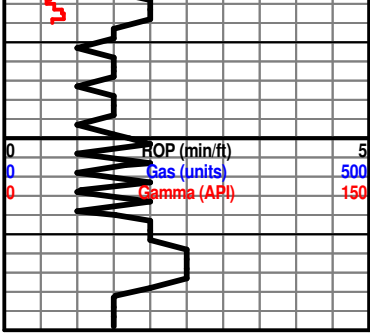
Dolo: off wh-tan, fn xln, fair-good sucrosic xln porosity, good oil sat, SSFO, fair odor, scat sh: grn

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