CORRECTION #1

Confidentiality Requested:
☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1086228

Form ACO-1
August 2013
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 3553
Name: Citation Oil & Gas Corp.
Address 1: 14077 Cutten Rd
Address 2: PO BOX 690688
City: HOUSTON State: TX Zip: 77269 + 0688
Contact Person: Kimberly Moorhead
Phone: (281) 891-1000
CONTRACTOR: License # 99975
Name: COMPANY SERVICING TOOLS
Wellsite Geologist: None
Purchaser:

Designate Type of Completion:

☐ New Well ☐ Re-Entry ☑ Workover

☐ Oil ☐ WSW ☑ SWD ☐ SIOW
☐ Gas ☐ D&A ☐ ENHR ☐ SIGW
☐ OG ☐ GSW ☐ Temp. Abd.
☐ CM *(Coal Bed Methane)*
☐ Cathodic ☐ Other *(Core, Expl., etc.)*:

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

Operator: Tenneco Oil E&P
Well Name: Weiland 5-5
Original Comp. Date: 11/30/1984 Original Total Depth: 3325

☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☑ Conv. to SWD
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ ENHR Permit #:
☐ GSW Permit #:

05/07/2012		06/26/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-051-04990-00-02
Spot Description:
NW NW SW NE Sec. 1 Twp. 13 S. R. 16 ☐ East ☑ West
3669 Feet from ☐ North / ☑ South Line of Section
2407 Feet from ☑ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☑ SE ☐ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Ellis
Lease Name: Wieland Well #: 5-5
Field Name: Fairport
Producing Formation: Topeka D, LKC A, LKC B, LKC C, LKC D, LKC F
Elevation: Ground: 1909 Kelly Bushing: 1913
Total Vertical Depth: 3325 Plug Back Total Depth: 3105
Amount of Surface Pipe Set and Cemented at: 0 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: 06/28/2012
☑ **Confidential Release Date:** 12/15/2016
☐ **Wireline Log Received**
☐ **Geologist Report Received**
☑ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** Karen Ritter **Date:** 12/14/2016

CORRECTION #1
Page Two

[redacted]

1086228

Operator Name: Citation Oil & Gas Corp. Lease Name: Wieland Well #: 5-5

Sec. 1 Twp. 13 S. R. 16 ☐ East ☑ West County: Ellis

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 ☐ Yes ☑ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☑ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:

Gamma Ray/ Neutron Log

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Topeka	2768	
Heebner	2990	
Toronto	3010	
Marmaton	3308	
Arbuckle	3315	
Reagan	3451	

CASING RECORD ☐ New ☑ 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
___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	-			
	-			

Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☑ No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No *(If No, skip question 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)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record *(Amount and Kind of Material Used)*	Depth

TUBING RECORD: Size: 2.375 Set At: 2998 Packer At:

Liner Run: ☐ Yes ☐ No

Date of First, Resumed Production, SWD or ENHR. 06/26/2012

Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☑ Other *(Explain)* Converting

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)* _____

PRODUCTION INTERVAL:
_____
_____

Form	ACO1 - Well Completion
Operator	Citation Oil & Gas Corp.
Well Name	Wieland 5-5
Doc ID	1086228

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives

Summary of Changes

Lease Name and Number: Wieland 5-5

API/Permit #: 15-051-04990-00-02

Doc ID: 1086228

Correction Number: 1

Approved By: Karen Ritter

Field Name	Previous Value	New Value
Approved By	NAOMI JAMES	Karen Ritter
Approved Date	07/02/2012	12/14/2016
Confidential Release Date	06/28/2014	
Fracturing Question 1		No
LocationInfoLink	https://solar.kgs.ku.edu/kcc/detail/locationInformation.cfm?section=1&to	https://kolar.kgs.ku.edu/kcc/detail/locationInformation.cfm?section=1&to
Save Link	../../kcc/detail/operatorEditDetail.cfm?docID=1086038	../../kcc/detail/operatorEditDetail.cfm?docID=1086228
Tubing Size	2 /38	2.375

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1086038

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

OPERATOR: License # 3553
Name: Citation Oil & Gas Corp.
Address 1: 14077 Cutten Rd
Address 2: PO BOX 690688
City: HOUSTON State: TX Zip: 77269 + 0688
Contact Person: Kimberly Moorhead
Phone: (281) 891-1000
CONTRACTOR: License # 99975
Name: COMPANY SERVICING TOOLS
Wellsite Geologist: None
Purchaser:

Designate Type of Completion:

- [ ] New Well
- [ ] Re-Entry
- [x] Workover

- [ ] Oil
- [ ] WSW
- [x] SWD
- [ ] SIOW
- [ ] Gas
- [ ] D&A
- [ ] ENHR
- [ ] SIGW
- [ ] OG
- [ ] GSW
- [ ] Temp. Abd.
- [ ] CM *(Coal Bed Methane)*
- [ ] Cathodic
- [ ] Other *(Core, Expl., etc.)*:

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

Operator: Tenneco Oil E&P
Well Name: Weiland 5-5
Original Comp. Date: 11/30/1984 Original Total Depth: 3325

- [ ] Deepening
- [ ] Re-perf.
- [ ] Conv. to ENHR
- [x] Conv. to SWD
- [ ] Conv. to GSW
- [ ] Plug Back: Plug Back Total Depth
- [ ] Commingled Permit #:
- [ ] Dual Completion Permit #:
- [ ] SWD Permit #:
- [ ] ENHR Permit #:
- [ ] GSW Permit #:

05/07/2012		06/26/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-051-04990-00-02
Spot Description:
NW - NW - SW - NE Sec. 1 Twp. 13 S. R. 16 [ ] East [x] West
3669 Feet from [ ] North / [x] South Line of Section
2407 Feet from [x] East / [ ] West Line of Section
Footages Calculated from Nearest Outside Section Corner:
[ ] NE [ ] NW [x] SE [ ] SW
County: Ellis
Lease Name: Wieland Well #: 5-5
Field Name: Fairport
Producing Formation: Topeka D, LKC A, LKC B, LKC C, LKC D, LKC F
Elevation: Ground: 1909 Kelly Bushing: 1913
Total Depth: 3325 Plug Back Total Depth: 3105
Amount of Surface Pipe Set and Cemented at: 0 Feet
Multiple Stage Cementing Collar Used? [ ] Yes [x] 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

- [x] **Letter of Confidentiality Received**
  Date: 06/28/2012
- [ ] **Confidential Release Date:**
- [ ] **Wireline Log Received**
- [ ] **Geologist Report Received**
- [x] **UIC Distribution**

ALT [x] I [ ] II [ ] III **Approved by:** NAOMI JAMES **Date:** 07/02/2012

Page Two

Operator Name: Citation Oil & Gas Corp. Lease Name: Wieland Well #: 5-5

Sec. 1 Twp. 13 S. R. 16 ☐ East ☑ West County: Ellis

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 (Attach Additional Sheets)	☐ Yes	☑ No
Samples Sent to Geological Survey	☐ Yes	☑ No
Cores Taken	☐ Yes	☑ No
Electric Log Run	☑ Yes	☐ No
Geologist Report / Mud Logs	☐ Yes	☐ No

List All E. Logs Run:

Gamma Ray/ Neutron Log

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Topeka	2768	
Heebner	2990	
Toronto	3010	
Marmaton	3308	
Arbuckle	3315	
Reagan	3451	

CASING RECORD ☐ New ☑ 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
☐ Perforate ☐ Protect Casing ☐ Plug Back TD ☐ 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: 06/26/2012	Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☑ Other *(Explain)* Converting				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*	☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*	Top / Bottom

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record *(Amount and Kind of Material Used)*

TUBING RECORD: Size: 2.375 Set At: 2998 Packer At:

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

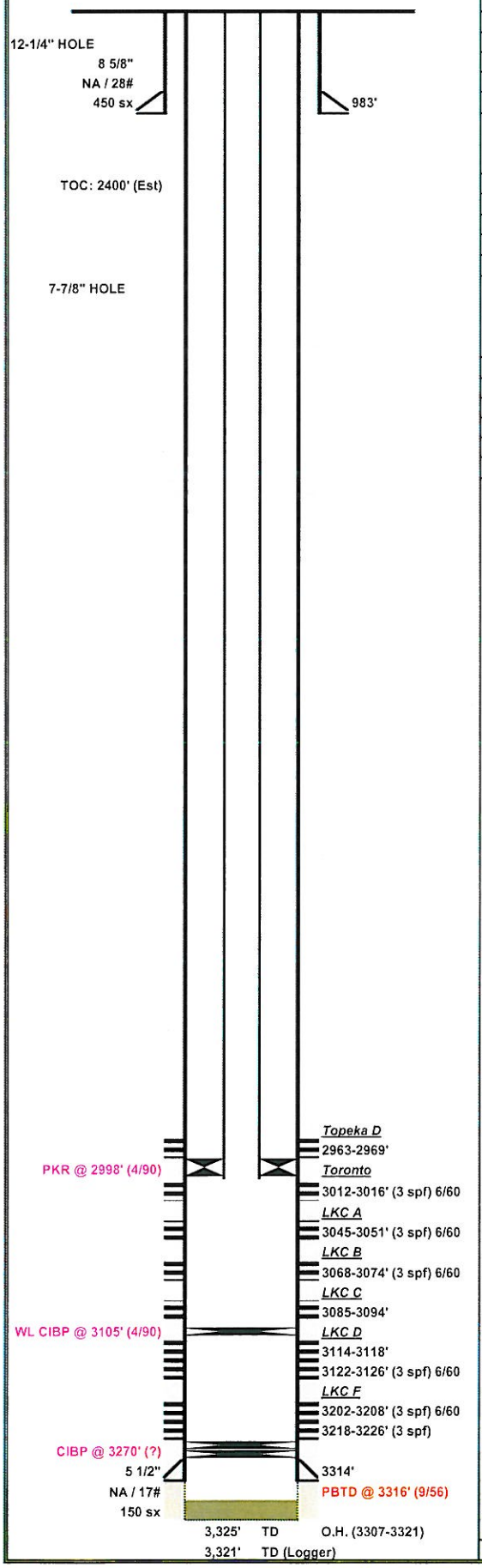
Form	ACO1 - Well Completion
Operator	Citation Oil & Gas Corp.
Well Name	Wieland 5-5
Doc ID	1086038

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives

WELLBORE SCHEMATIC

Current



Lease:	**Wieland**			Well No.	**5-5**
API No.	051-24-335			Status	AI
Location:	NW NE Sec.1, T-13S, R-16W				
County:	Ellis	State:	KS	Field:	Fairport
TD	3325'	GL	1909'	Spud Date:	9/1/1949
PBTD	3105'	KB	1913'	Comp Date:	9/14/1949
Current Perfs/OH:		Current Zone:			

Surface Equipment

Unit Make:	Unit Size:		
Unit S/N:	Unit Rotation:		
SPM:	Stroke Length:	Unit Sheave:	
Prime Mover:		Motor Sheave:	
Motor S/N:		Motor RPM:	

Casing Breakdown

	Size	Grade / Wt	Depth	Cement
Surface	8 5/8"	NA / 28#	983'	450 sx
Production	5 1/2"	NA / 17#	3314'	150 sx
Production				
Production				
Liner				

Completion Assembly (4/6/04)

Qty	Description	Footage
96	2-3/8" IPC Tubing	
1	5-1/2" X 2-3/8" Lok-Set PKR	2998.02'

TOTAL **2998.02'**

Rod Breakdown

Qty	Description	Footage

TOTAL **0.00'**

Comments

3084-3090 (4 spf); 2963-2969 (4 spf); 3012-3016 (2spf); 3045-3051 (2spf); 3068-3074 (2spf)

(8/89) LD Ing Tbg, KO CIBP

drill cmnt plug f/ 3275-3319'

PREPARED BY:	AL	UPDATED:	8/4/2011

LOG-TECH

DIGITAL LOG (785) 625-3858

Gamma Ray / Neutron Log

API No. 051-24-335

Company Citation Oil& Gas Co.

Well Weiland 5-5

Field Fairport

County Eliis State Kansas

Location NW-NE

Sec: 1 Twp: 13 S Rge: 16 W

Other Services

Elevation
K.B. 1913
D.F.
G.L. 1909

Permanent Datum	Ground Level	Elevation 1909
Log Measured From	Kelly Bushing	4' Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing	

Date	5/23/12			
Run Number	One			
Type Log	GRN			
Depth Driller	3475			
Depth Logger	3481			
Bottom Logged Interval	3475			
Top Logged Interval	2845			
Type Fluid In Hole	Water			
Salinity, PPM CL	////			
Density	////			
Level	1170			
Max. Rec. Temp. F	112			
Operating Rig Time	1Hr.			
Equipment -- Location	14	Hays		
Recorded By	A Dreiling			
Witnessed By	Mr Neil Pfannenstiel			

Borehole Record				Casing Record			
Run No.	Bit	From	To	Size	Wgt.	From	To
1	8 5/8	0	983'	5.5"		0	3316
				O.H.		3316	3481

<<< Fold Here >>>

Comments

Thank you for using Log-Tech, Inc.
(785) 625-3858

Gorham ks.
4 3/4 N, W into
@ yard

Main Pass

LOG-TECH
DIGITAL LOG (785) 625-3858

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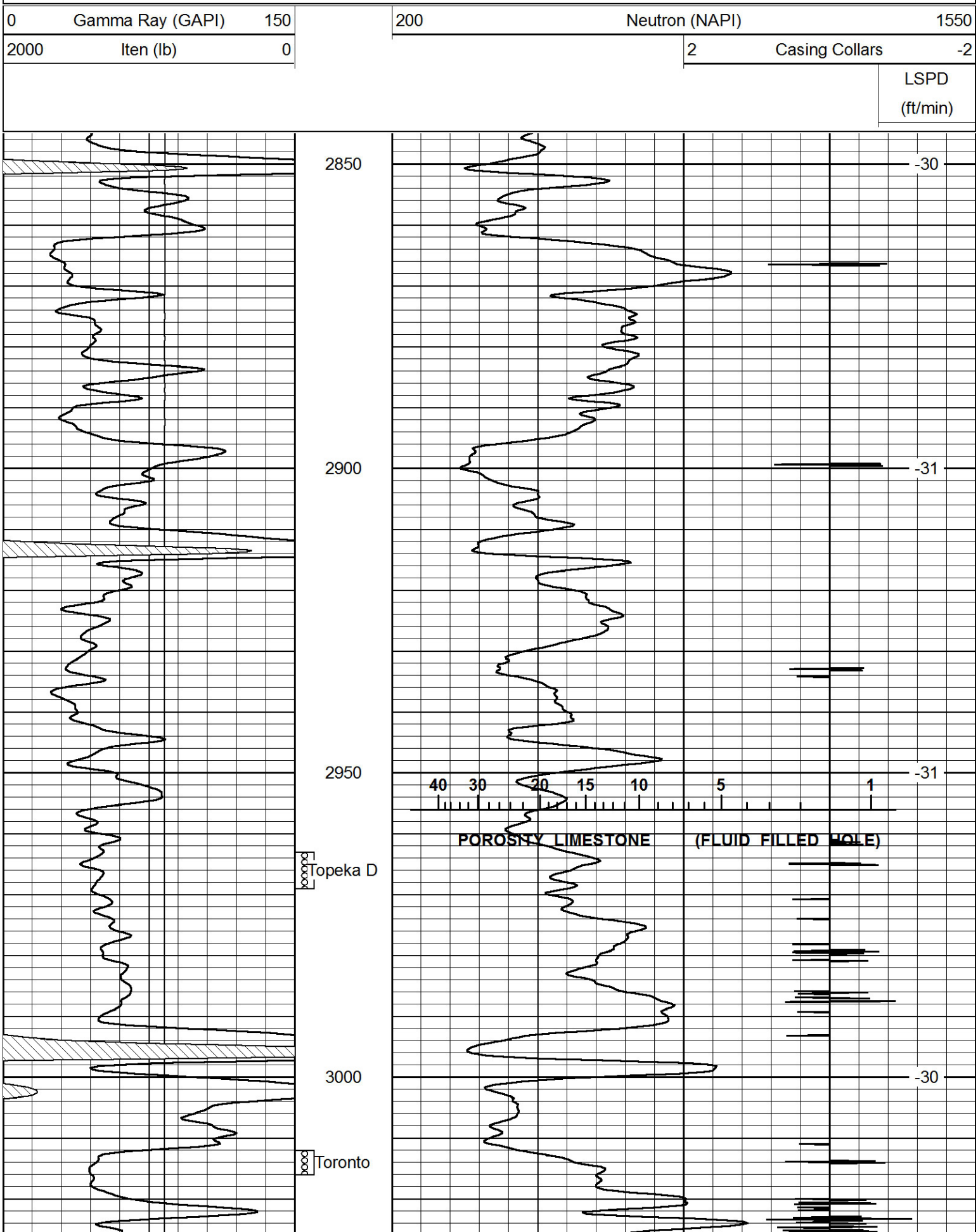

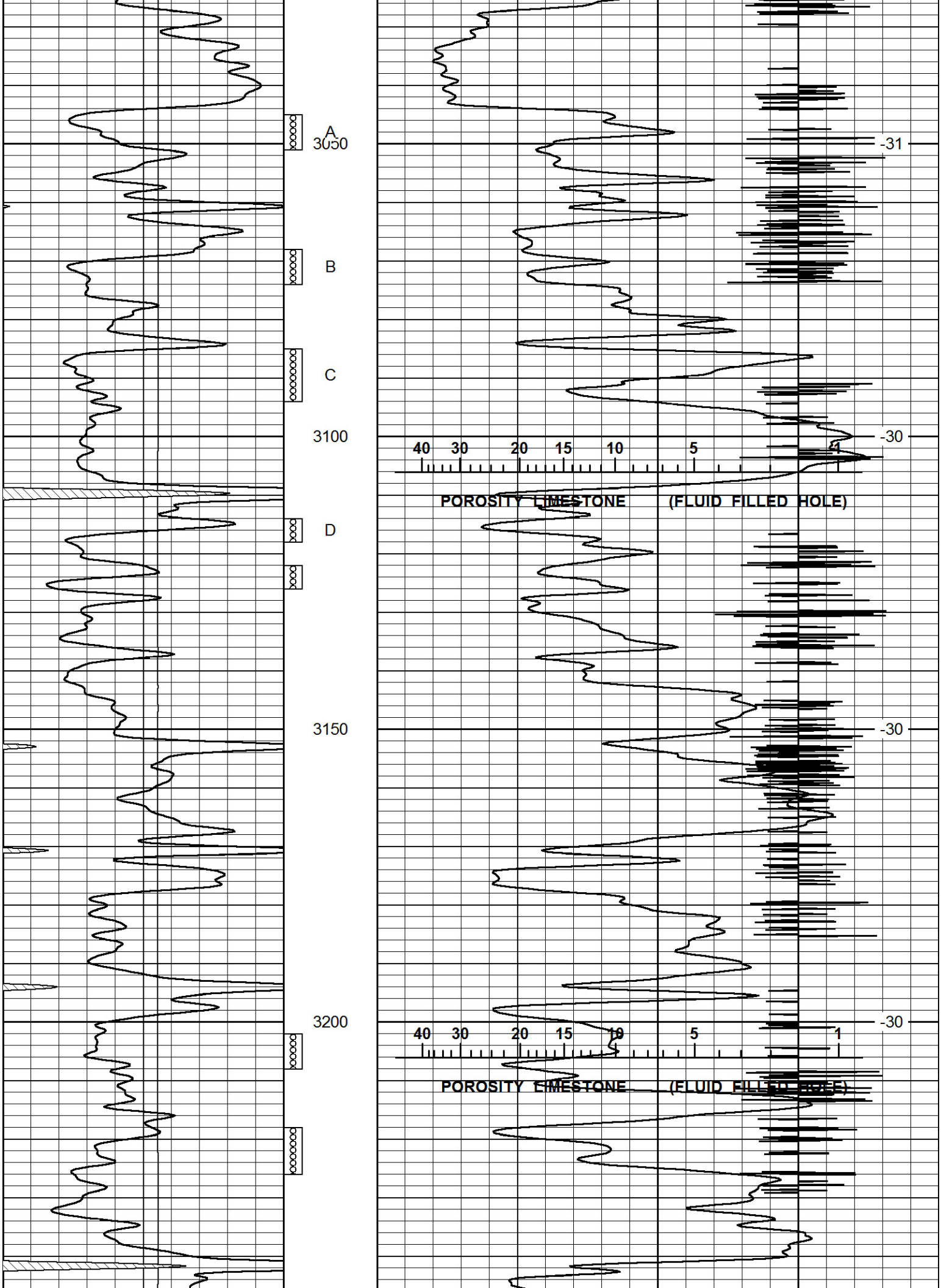
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B
C
D
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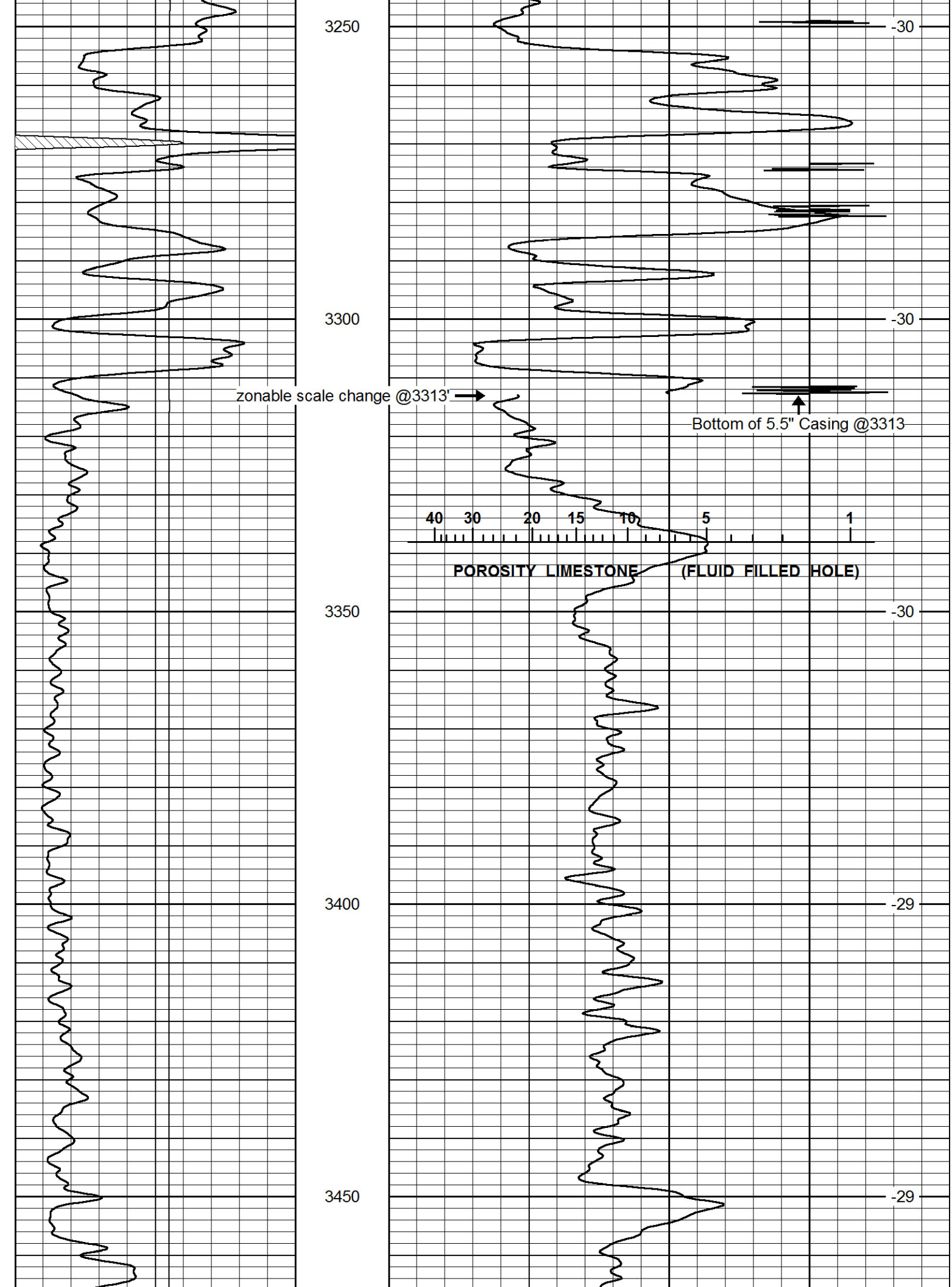
40 30 20 15 10 5 1
POROSITY LIMESTONE (FLUID FILLED HOLE)


3250
3300
3350
3400
3450
-30
-30
-30
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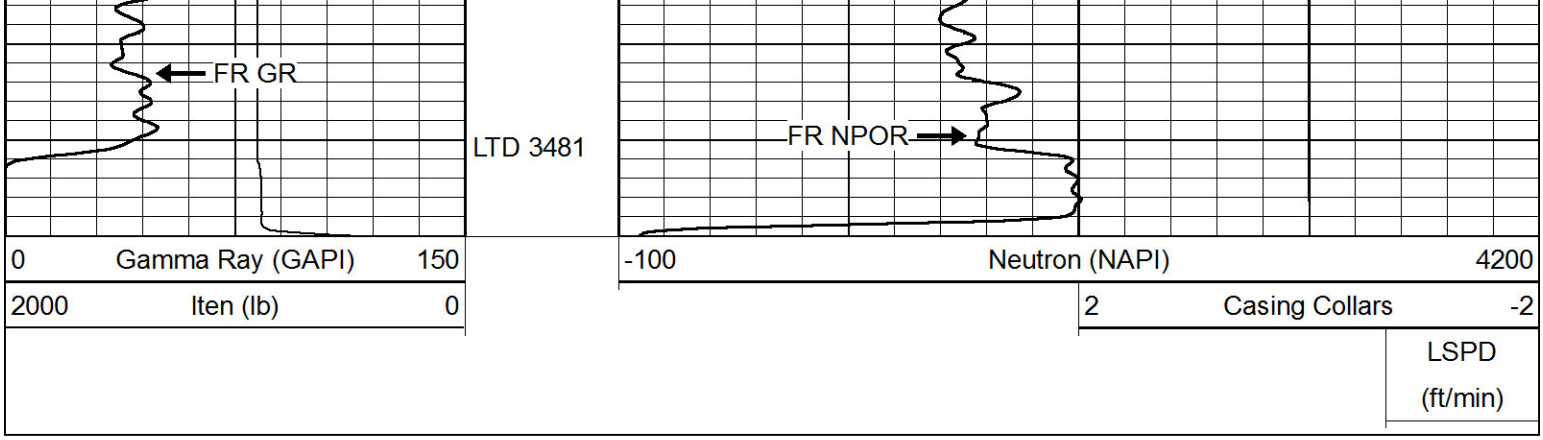
zonable scale change @3313'
Bottom of 5.5" Casing @3313
40 30 20 15 10 5 1
POROSITY LIMESTONE (FLUID FILLED HOLE)



LOG-TECH
DIGITAL LOG (785) 625-3858

Repeat Section

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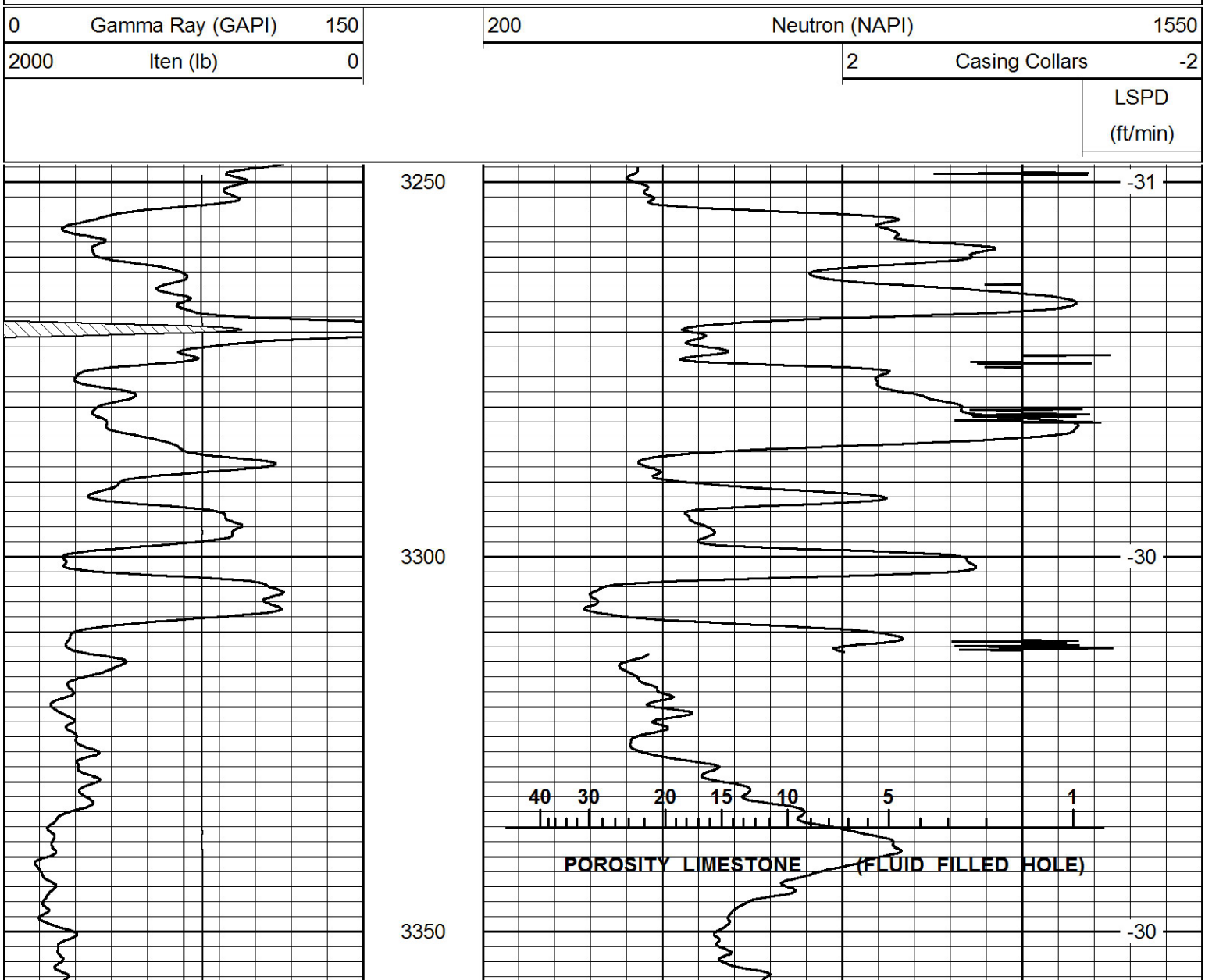

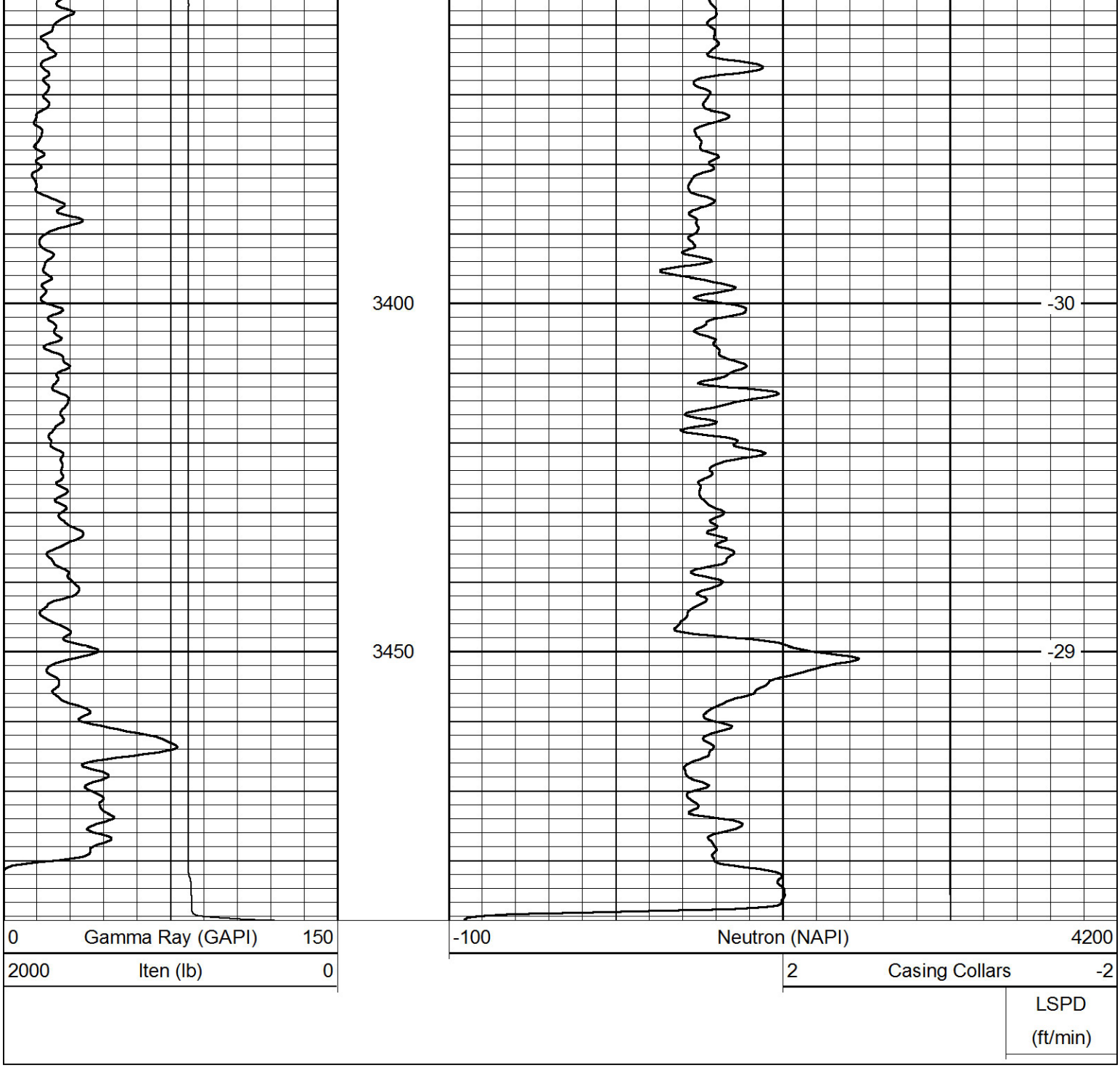
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3450
-29
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150
-100
Neutron (NAPI)
4200
2000
Iten (lb)
0
2
Casing Collars
-2
LSPD
(ft/min)

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802

Kansas
Corporation Commission

Phone: 316-337-6200
Fax: 316-337-6211
http://kcc.ks.gov/

June 28, 2012

Kimberly Moorhead
Citation Oil & Gas Corp.
14077 Cutten Rd
PO BOX 690688
HOUSTON, TX 77269-0688

Re: ACO1
API 15-051-04990-00-02
Wieland 5-5
NE/4 Sec.01-13S-16W
Ellis County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Kimberly Moorhead