



**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       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: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

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

Spud Date or Recompletion Date      Date Reached TD      Completion Date or Recompletion Date

API No. 15 - \_\_\_\_\_

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

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total 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**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1063335

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
---	---

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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

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

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR. \_\_\_\_\_ Producing Method:  
 Flowing     Pumping     Gas Lift     Other *(Explain)* \_\_\_\_\_

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)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
---	--	--

Form	ACO1 - Well Completion
Operator	Lasso Energy LLC
Well Name	Lester 1
Doc ID	1063335

All Electric Logs Run

CST
DIL
MLT
POR

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



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

Mark Sievers, Chairman  
Ward Loyd, Commissioner  
Thomas E. Wright, Commissioner

Sam Brownback, Governor

September 13, 2011

BRUCE D. KELSO  
Lasso Energy LLC  
PO Box 465  
1125 SOUTH MAIN  
Chase, KS 67524-0465

Re: ACO1  
API 15-035-24436-00-00  
Lester 1  
SE/4 Sec.26-32S-05E  
Cowley 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,  
BRUCE D. KELSO



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

Well Name: Lester #1  
Location: Sec. 26 - T32S - R05E, Cowley County, KS  
Licence Number: API No.: 15-035-24436-0000  
Spud Date: July 28, 2011  
Surface Coordinates: 2310' FSL & 330' FEL  
Region: Moon  
Drilling Completed: August 2, 2011

**Bottom Hole Coordinates:**

Ground Elevation (ft): 1304'      K.B. Elevation (ft): 1314'  
Logged Interval (ft): 2100'      To: 3650'      Total Depth (ft): 3648' (LTD)  
Formation: Arbuckle  
Type of Drilling Fluid: Chemical Gel/Polymer

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

**OPERATOR**

Company: Lasso Energy, LLC  
Address: P.O. Box 465  
1125 South Main  
Chase, KS 67524

**GEOLOGIST**

Name: Derek W. Patterson  
Company: Valhalla Exploration, LLC  
Address: 133 N. Glendale  
Wichita, KS 67208

**REMARKS**

After review of the open hole logs and sample evaluations for the Lester #1, it was decided by operator to run 5 1/2" production casing to further evaluate the Mississippian and Arbuckle. Should production prove to be non-commercial, said well will be completed as a Salt Water Disposal Well through completion in the Arbuckle.

Respectfully Submitted,

Derek W. Patterson

## COMMENTS

A PDC bit was used from 0' - 3016'. A conventional button bit was tripped in @ 3016'. Sample evaluation above 3016' was limited due to poor drill time correlation and sample recovery.

Circulation was lost a couple of times during the drilling of the Lester #1, most notably @ 3421'. In order to maintain circulation, the rig was forced to cut back on their RPMs and SPMs, thus negatively affecting sample recovery time, lag time, and overall rate of penetration.

The drill time has been shifted 2' shallow to correspond to the electric log curves.

The RTD was 3650' and the LTD was 3648'.

# Lasso Energy, LLC

## DAILY DRILLING REPORT

Company: Lasso Energy, LLC  
P.O. Box 465  
1125 South Main  
Chase, KS 67524  
Contact: Bruce Kelso  
Cell: 918.633.9655  
Geologist: Derek W. Patterson  
Cell: 316.655.3550  
Office: 316.558.5202

Drilling Contractor: Val Energy, Rig #3  
Toolpusher: Greg Davidson - Cell: 620.200.7468

Well: Lester #1  
Location: 2310' FSL & 330' FEL  
Sec. 26 - T32S - R05E  
Cowley Co., KS  
Elevation: 1304' GL - 1314' KB  
Field: Moon  
API: 15-035-24436-0000  
Surface Casing: 297.96' of 8 5/8" set @ 308' KB  
Spud Date: July 28, 2011  
Drilling Complete: August 2, 2011

DATE	7:00 AM DEPTH	PREVIOUS 24 HOURS OF OPERATIONS
7.31.2011	2890'	Drilling and connections Layton and into Kansas City. Geologist Derek W. Patterson on location 1950 hrs 7.30.11. Rig down due to lost circulation @ 2500', 2030 hrs 7.30.11. Resume drilling Kansas City, 2120 hrs 7.30.11. Drilling and connections Kansas City, Base Kansas City, and into Cherokee.
8.1.2011	3225'	Drilling and connections Cherokee. Bit trip @ 3016', 1100 hrs 7.31.11. Resume drilling, 1445 hrs 7.31.11. Drilling and connections Cherokee and into Mississippian. Rig down for Draw Works Drum Chain repairs, 2215 hrs 7.31.11. Resume drilling Mississippian, 0545 hrs 8.1.11. Drilling and connections Mississippian. Made 335' over past 24 hrs of operations.
8.2.2011	3616'	Drilling and connections Mississippian. Rig down due to lost circulation @ 3421', 1530 hrs 8.1.11. Resun drilling Mississippian, 1815 hrs 8.1.11. Drilling and connections Mississippian, Gilmore City, and ir Kinderhook. CFS @ 3567' (Kinderhook), CFS @ 3574' (Kinderhook). Drilling and connections Kinderhook and into Arbuckle. CFS @ 3586' (Arb). Resume drilling and connections Arbuckle ahead to RTD of 3650'. Made 391' over past 24 hrs of operations.
8.3.2011	RTD - 3650' LTD - 3648'	Drilling and connections Arbuckle. RTD reached, 0810 hrs 8.2.11. CTCH. Short trip, 0920 hrs 8.2.11. CTCH, drop survey, TOH for open hole logging operations, 1210 hrs 8.2.11. Commence open hole logging operations, 1400 hrs 8.2.11. Open hole logging operations complete, 1720 hrs 8.2.11. Decision made to run 5 1/2" production casing to further evaluate the Mississippian and Arbuckle. Made 34' over past 24 hrs of operations. Cumulative Mud Cost: \$9,042.70 Geologist Derek W. Patterson off location, 1845 hrs 8.2.11.

# Lasso Energy, LLC

## WELL COMPARISON SHEET

DRILLING WELL					COMPARISON WELL				COMPARISON WELL			
Lasso Energy - Lester #1 Sec. 26 - 32S - 05E 2310' FSL & 330' FEL					Tiger O&G - Sellers #B-3 'OWWO' Sec. 26 - 32S - 05E NW SE NE				Premier Petroleum - Moon #1 Sec. 26 - 32S - 05E NW NW SE			
1314 KB					Oil - Arb 1313 KB		Structural Relationship		Oil - Miss 1325 KB		Structural Relationship	
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log
Iatan	Not Called		1898	-584	1876	-563	N/A	-21	1894	-569	N/A	-15
Stalnaker	Not Called		1953	-639	1929	-616	N/A	-23	1946	-621	N/A	-18
Perry	Not Called		2109	-795	2078	-765	N/A	-30	Not Called			
Layton	Not Called		2352	-1038	2321	-1008	N/A	-30	2343	-1018	N/A	-20
Kansas City	Not Called		2511	-1197	2488	-1175	N/A	-22	2521	-1196	N/A	-1
Base Kansas City	Not Called		2651	-1337	2622	-1309	N/A	-28	Not Called			
Oswego	Not Called		2727	-1413	2698	-1385	N/A	-28	2713	-1388	N/A	-25
Cherokee	Not Called		2852	-1538	2821	-1508	N/A	-30	2835	-1510	N/A	-28
Mississippian	3095	-1781	3109	-1795	3079	-1766	-15	-29	3114	-1789	8	-6
Gilmore City	3519	-2205	3506	-2192	3488	-2175	-30	-17	Not Called			
Kinderhook	3526	-2212	3517	-2203	3497	-2184	-28	-19	3476	-2151	-61	-52
Arbuckle	3585	-2271	3575	-2261	3555	-2242	-29	-19	3583	-2258	-13	-3
Total Depth	3650	-2336	3648	-2334	3630	-2317	-19	-17	3598	-2273	-63	-61

---

**BIT RECORD**

Bit #	Size	Make	Type	Serial Number	Depth In	Depth Out	Feet	Hours
1	12 1/4"	PDC	PDC		0'	308'	308'	5.75
2	7 7/8"	PDC	6 Blade	6558	308'	3016'	2708'	38
3	7 7/8"	JZ	RR-BT	GX-20M	3016'	3650'	634'	25.50

---

**SURFACE CASING RECORD**

7.29.2011 Ran 7 joints of new 24#/ft 8 5/8" casing, tallying 297.96', set @ 308' KB. Cemented with 200 sacks of 60/40 POZ, cement did circulate. Plug down, 0145 hrs 7.29.11.  
Drill out cement and plug, 0300 hrs 7.7.11.

---

**PRODUCTION CASING RECORD**

8.3.2011 Ran 90 joints of new 17#/ft 5 1/2" casing, tallying 3626.25', set @ 3634' KB. Cemented with 225 sacks + 15 sacks rat thick set. Plug down, 0645 hrs 8.3.11.

---

**DEVIATION SURVEY RECORD**

<u>Depth</u>	<u>Survey</u>
308'	1 1/2°
3016'	1 1/4°
3650'	1 1/4°

---

**PIPE STRAP RECORD**

<u>Depth</u>	<u>Pipe Strap</u>
3016'	3' Short to Board

---



## ROCK TYPES

### LITHOLOGY

- Anhy
- Bent
- Brec
- Cht
- Clyst
- Coal
- Congl
- Dol
- Gyp
- Igne
- Lmst
- Meta
- Mrst
- Salt
- Shale
- Shcol
- Shgy
- Sltst
- Ss
- Till
- Sltstn
- Shale
- Sandylms
- Lms
- Gry sh
- Dtd
- Dol
- Carb sh
- pipesymbol

### FOSSIL

- unknown lith
- Red shale
- Oomoldic
- Fuss
- Algae
- Amph
- Belm
- Bioclst
- Brach
- Bryozoa
- Cephal
- Coral
- Crin
- Echin
- Fish
- Foram
- Fossil
- Gastro
- Oolite
- Ostra
- Pelec
- Pellet
- Pisolite
- Plant
- Strom
- MINERAL
- Sity

### STRINGER

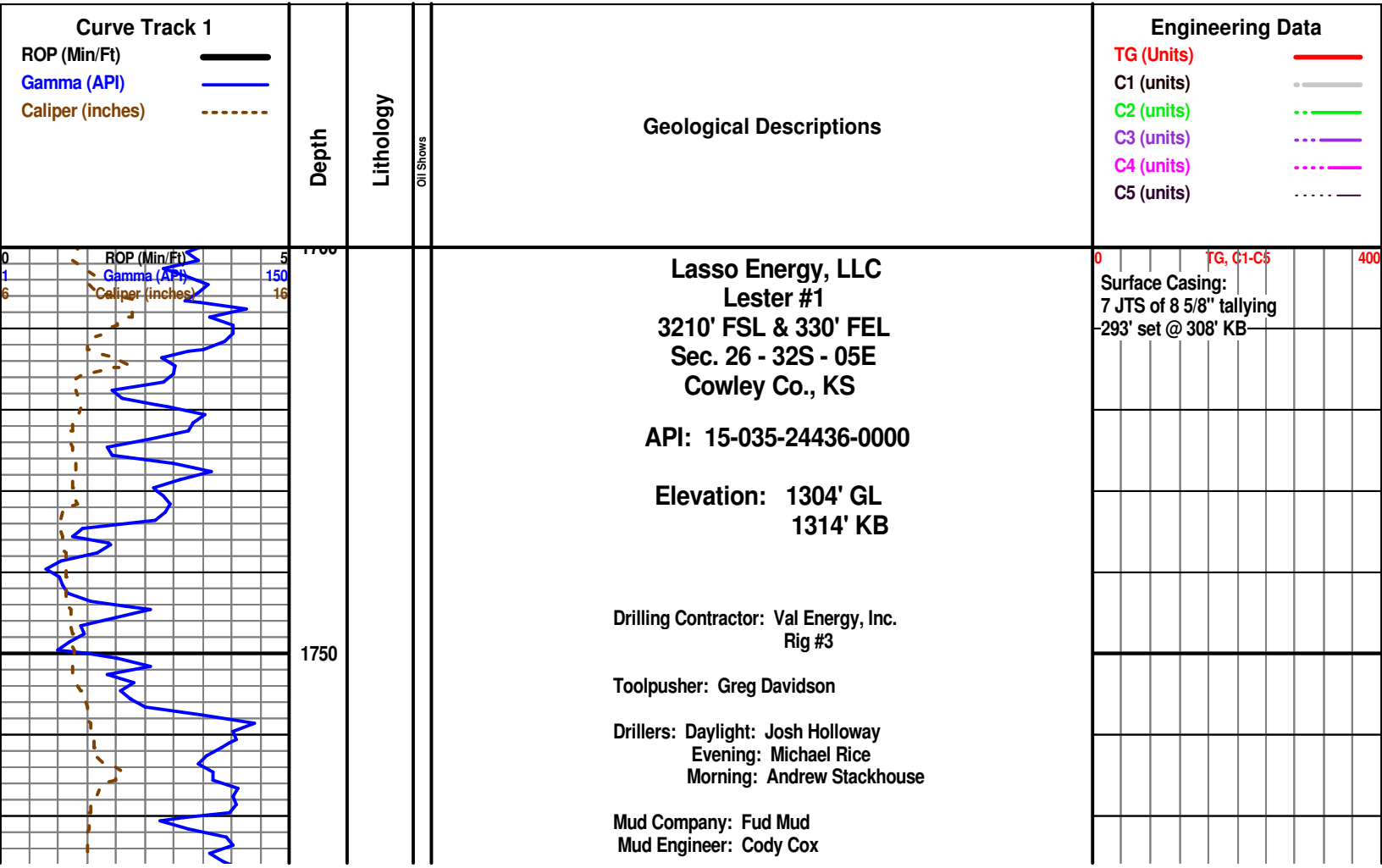
- Sand
- Dol
- Chlorite
- Anhy
- Arggrn
- Arg
- Bent
- Bit
- Brecfrag
- Calc
- Carb
- Chtdk
- Chtlt
- Dol
- Feldspar
- Ferrpel
- Ferr
- Glau
- Gyp
- Hvymin
- Kaol
- Marl
- Minxl
- Nodule
- Phos
- Pyr
- Salt
- Sandy
- Silt
- Sil

### TEXTURE

- Boundst
- Chalky
- Cryxln
- Earthy
- Finexln

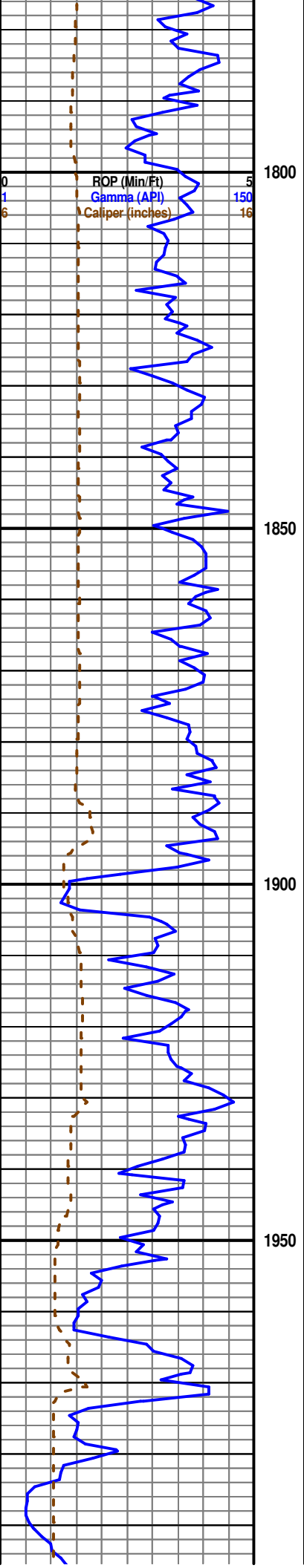
### OIL SHOW

- Grainst
- Lithogr
- Microxln
- Mudst
- Packst
- Wackst
- Gas show
- Good
- Fair
- Poor
- Dead
- INTERVAL
- Dst
- Core
- Dst
- Straddle test
- EVENT
- Rft
- Sidewall
- Dst
- Open hole
- Perforations



Geologist: Derek W. Patterson

Bloodhound Unit 0108 on location and operational @ 724'. The ROP, TG, C1 (Methane), C2 (Ethane), C3 (Propane) & C4 (N-Butane = C4 Butane + C5 Iso Butane) DATA was downloaded from the Bloodhound Unit 0108. Said DATA was imported and displayed on this Geo Log.



1800

1850

1900

1950

latan 1898 (-584)

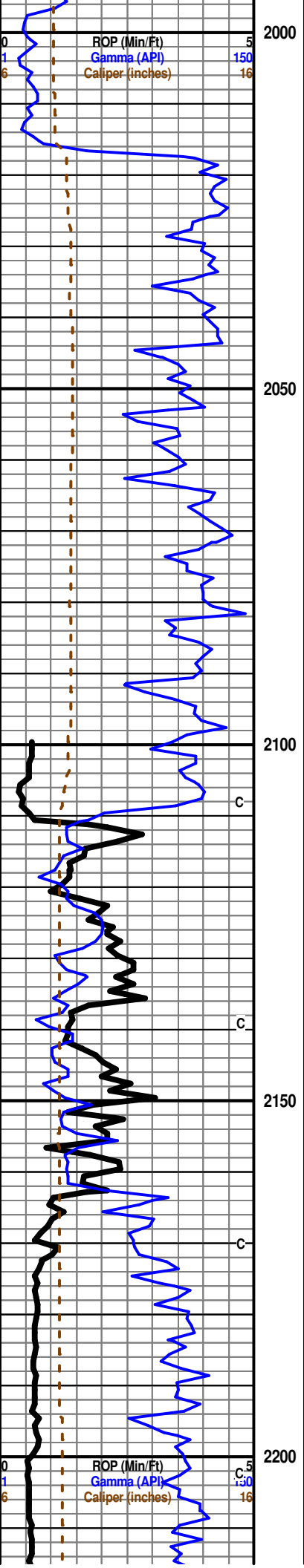
Stalnaker 1953 (-639)

0

TG, C1-C5

400

Fud Mud Mud Ck  
@ 1956'  
0905 hrs 7.30.11  
Vis N/A Wt 8.9  
PV N/A YP N/A  
WL N/A  
Cake N/A  
pH 8.5  
CHL 1,100 ppm  
Cal 40  
LCM: N/A



2000

2050

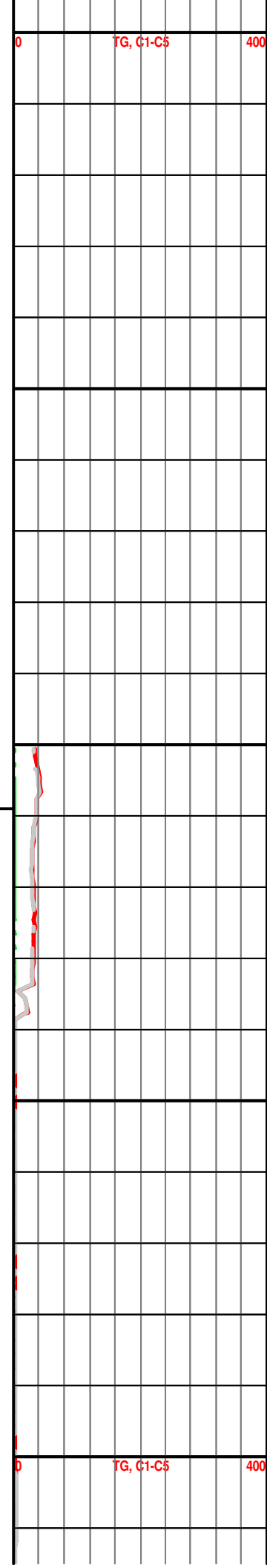
2100

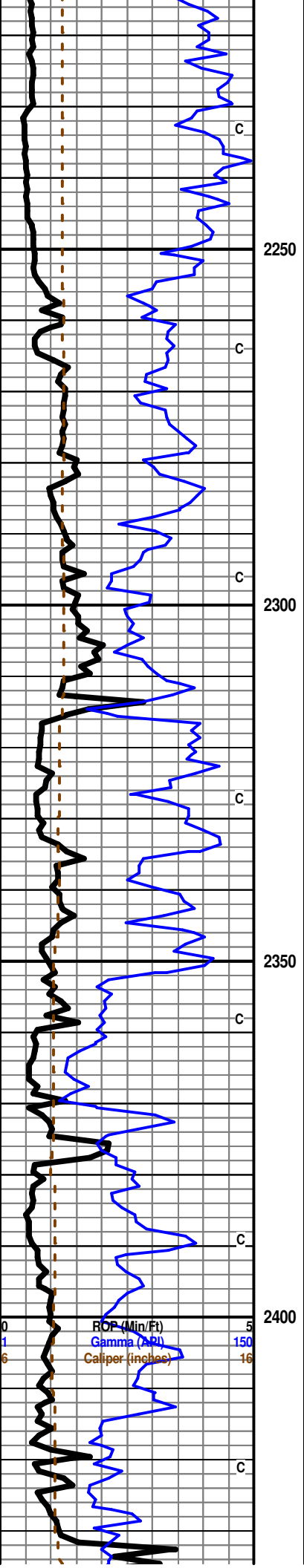
2150

2200

Please Note: PDC Bit used from 0' - 3016'

Perry 2109 (-795)





2250

2300

2350

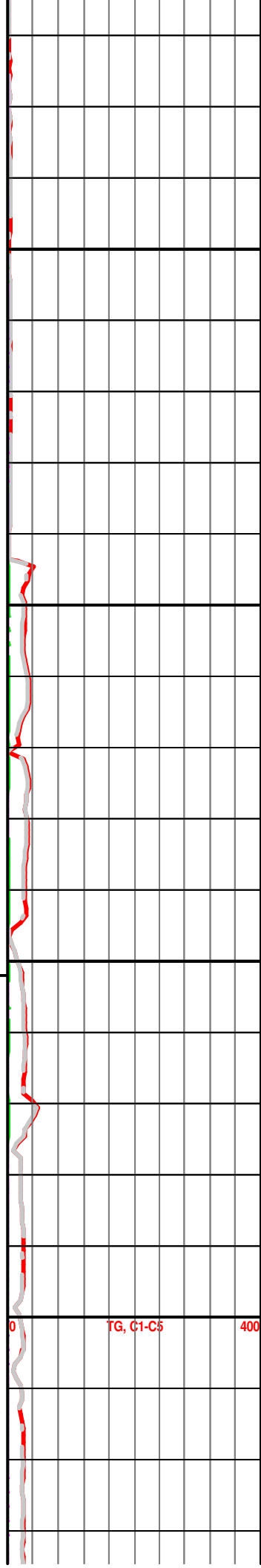
2400

Displace Mud System @ 2310'

Layton 2352 (-1038)

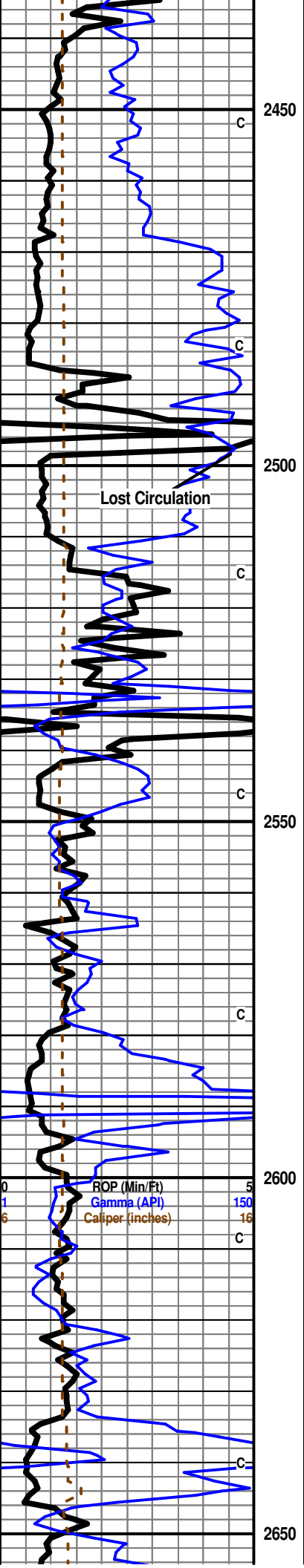
Start 20' Wet & Dry Samples @ 2400'  
 (Rig was instructed to start samples @ 2300', but did not do so)

Please Note: Samples from 2400' - 2500' very poor quality, thus unable to properly analyze. Sample quality slightly improves with 2520' sample.



TG, C1-C5

400



2450  
C  
2500  
2550  
2600  
2650

Geologist Derek W. Patterson on location, 1950 hrs 7.30.11

Samples from 2500' - 3016' cut with PDC bit, thus limiting the ability to properly analyze/lag samples. Best available descriptions provided.

2520' Sample - Shale: gray dk gray some dk brown, mostly blocky and hard with scattered softer and waxy, fissile in part.

Rig down due to loss of circulation, 2030 hrs 7.30.11.

Resume drilling, 2120 hrs 7.30.11.

**Kansas City 2511 (-1197)**

2540' Sample - Shale as above, with Limestone: gray lt gray, dense sub-arenaceous matrix, vfxln, mostly barren with trace sub-fossiliferous, poor visible porosity, no shows noted, no fluorescence.

Lighter Test

2580' Sample - Limestone: tan cream lt gray, dense tight matrix, micro-vfxln, fossiliferous in part, poor visible porosity, no shows noted, little-no mineral fluorescence.

Vis: 47  
Wt: 9.0  
LCM: 3 #/bbl

2600' Sample - Limestone: cream lt cream, dense tight matrix, vf-microxln, fossiliferous in part, poor visible porosity, no shows noted, no fluorescence.

2620' Sample - Limestone: dk brown dk cream some gray, dense tight matrix, vfxln, fossiliferous with some bioclastic, poor interxln porosity, no shows noted, no fluorescence, with influx Shale: black, carbonaceous, mostly blocky and hard, no show gas bubbles, with Shale: gray dk gray, mostly blocky and hard.

TG, C1-C5 400

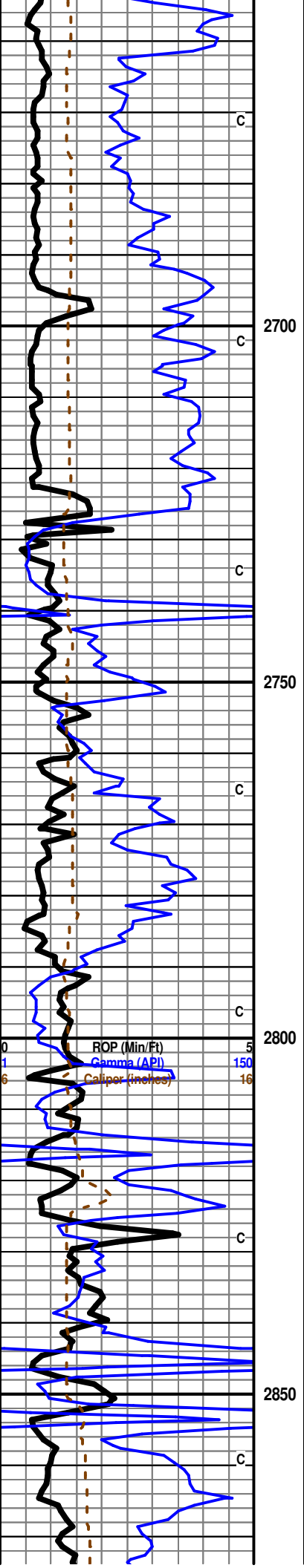
2640' Sample - Limestone: cream lt cream lt tan lt gray, dense sub-chalky matrix, vf-microxln, fossiliferous, heavy 2ndary xln along edges and in visible porosity, overall poor interxln/pinpoint porosity, no shows noted, no fluorescence, with loose Chalk in sample.

2660' Sample - Limestone: cream tan, dense sub-chalky matrix, micro-vfxln, fossiliferous in part, poor visible porosity, with continued Shale, and influx Sandstone: clear sub-rounded grains in pale green lt gray matrix, vf-f grained, well sorted, well cemented, micaceous, fair intergranular porosity, no shows noted, no fluorescence.

2680' Sample - Limestone as above grading to Shale: gray dk gray some black, blocky and hard, fissile in part.

**Base Kansas City 2651 (-1337)**

ROP (Min/Ft) 5  
Gamma (API) 150  
Caliper (inches) 16  
C



2700' Sample - Sandstone: clear sub-rounded grains in pale green to gray matrix, vf-f grained, well sorted, well cemented, micaceous in part, fair-good intergranular porosity, no shows noted, no fluorescence.

2720' Sample - Sandstone: clear sub-rounded grains in pale green to gray matrix, vf-f grained, well sorted, well cemented, micaceous in part, fair-good intergranular porosity, no shows noted, no fluorescence.

2740' Sample - Shale: gray dk gray, arenaceous in part, mostly blocky and softer, waxy in part.

**Oswego 2727 (-1413)**

2760' Sample - Limestone: light cream to gray off white, dense sub-chalky matrix, vfxln, sub-fossiliferous, scattered 2ndary xln along edges, fair-poor interxln/pinpoint porosity, no shows noted, no fluorescence, with scattered Chert: off white cream, opaque, fresh and sharp, sub-fossiliferous, no shows noted.

2780' Sample - Limestone: brown dk brown dk cream gray, grainy dense matrix, vf-fxln, fossiliferous in part, scattered 2ndary xln, fair interxln porosity in most, no shows noted, no fluorescence, with trace Chert as above.

2800' Sample - Shale: gray dk gray, mostly blocky with some rounded, soft to hard, with trace Coal(?): black glossy, blocky, appears to be either bituminous or anthracite, slight show gas bubbles upon break.

2820' Sample - Limestone: cream to cream off white, softer arenaceous matrix, vf-fxln, mostly barren with trace sub-fossiliferous, fair interxln/intergranular porosity, no shows noted, no fluorescence.

2840' Sample - Shale: black, carbonaceous, blocky and hard, no show gas bubbles, with Shale: gray dk gray, mostly blocky and hard, some waxy, fissile in part.

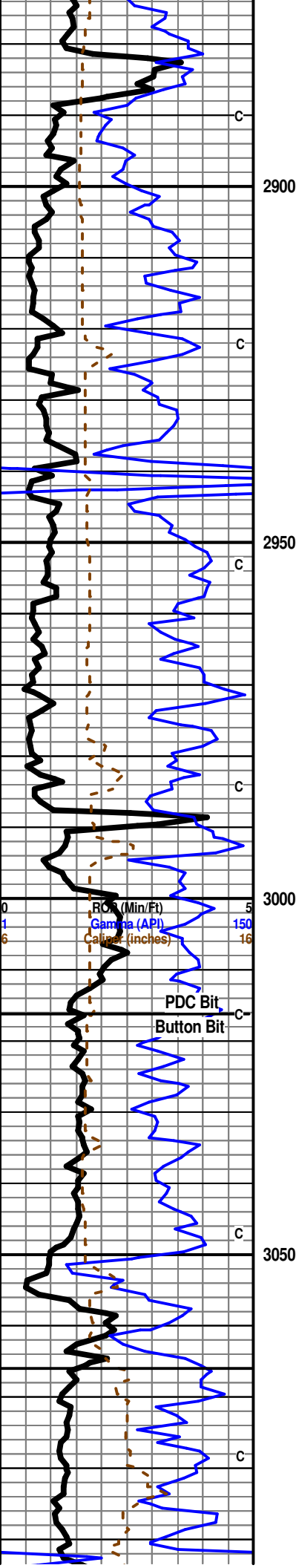
2860' Sample - Shale: as above, with Limestone: gray to gray, mostly dense and hard, fossiliferous in part, poor visible porosity, no shows noted, no fluorescence.

**Cherokee 2852 (-1538)**

2880' Sample - Limestone and Shale as above, with influx Siltstone: gray dk gray matrix, f-vf grained, micaceous, fair intergranular porosity, no shows noted, no fluorescence.

TG, C1-C5 400

Vis: 40  
Wt: 9.2  
LCM: 3 #/bbl



2900' Sample - Siltstone: gray dk gray matrix, f-vf grained, micaceous, fair intergranular porosity, no shows noted, no fluorescence.

2920' Sample: Siltstone as above, with scattered Shale: gray dk gray, mostly blocky and hard, silty in part, some fissile.

2940' Sample - Siltstone: gray dk gray white matrix, f-vf grained, micaceous to heavily micaceous and shaley, fair intergranular porosity, no shows noted, no fluorescence, with scattered Shale as above.

2960' Sample - INFLUX - Shale: gray dk gray, blocky and hard, silty in part, with continued Siltstone as above.

2980' Sample - Siltstone: gray dk gray white matrix, f-vf grained, micaceous, fair intergranular porosity in most, most pieces having fair lt brown saturated staining within grains, very slight show free lt brown oil upon break, very poor dull yellow fluorescence, fair forced cut fluorescence, faint odor in sample, with continued Shale.

3000' Sample: Shale: gray dk gray lt gray, blocky, soft and waxy to hard and dense, fissile in part, mostly silty, with overall decrease in Siltstone from above.

3016' cfs 0" Sample - Shale: gray dk gray lt gray pale green, mostly blocky, hard to soft, fissile in part.

3016' cfs 30" Sample - VERY POOR SAMPLE QUALITY - Appears to be predominately Shale as above.

**Bit Trip @ 3016', 1100 hrs 7.31.11  
Resume Drilling Following Bit Trip, 1445 hrs 7.31.11**

Shale: lt gray gray, blocky to rounded, mostly soft with some harder, silty in part, with scattered Sandstone: clear sub-angular grains in lt gray lt pale green matrix, vf grained, fairly sorted, well cemented and blocky, micaceous in part, poor intergranular porosity, no shows noted, no fluorescence.

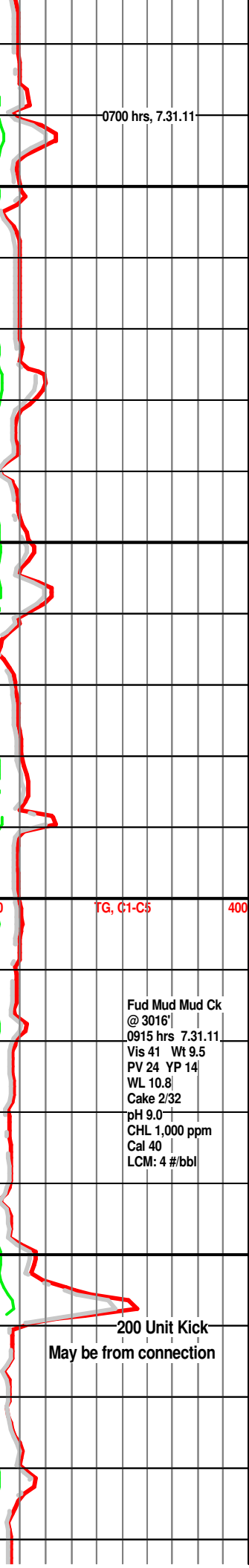
Shale and scattered Sandstone as above, no shows noted, some Sandstone becoming slightly limey.

VERY POOR SAMPLE QUALITY - No analysis available.

VERY POOR SAMPLE QUALITY (MOSTLY MUSH) - appears to be Shale: gray dk gray, mostly blocky and soft, with scattered Sandstone and Limestone, no shows noted, sample washes gray.

Shale: lt brown reddish-brown lt gray pale green, blocky and rounded, mostly soft and mushy, silty in part, sample washes brown.

Shale: pale green brown reddish-brown lt gray, blocky and rounded, mostly soft and mushy, silty in part, sample washes gray, with trace Chert: cream lt cream, fresh and sharp, no shows noted, no fluorescence.

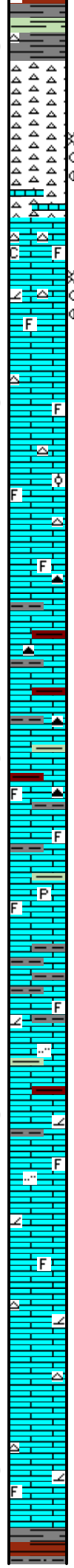
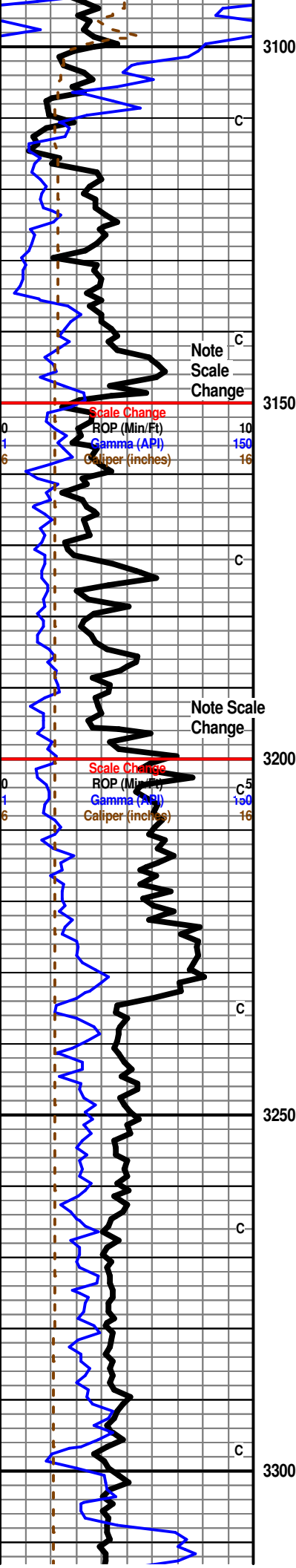


0700 hrs, 7.31.11

TG, C1-C5 400

Fud Mud Mud Ck  
@ 3016'  
0915 hrs 7.31.11  
Vis 41 Wt 9.5  
PV 24 YP 14  
WL 10.8  
Cake 2/32  
pH 9.0  
CHL 1,000 ppm  
Cal 40  
LCM: 4 #/bbl

200 Unit Kick  
May be from connection



**Erosional Mississippian 3102 (-1788)**

Chert: white bone white, opaque, fresh and sharp, no shows noted, very poor mineral fluorescence.

**Mississippian 3109 (-1795)**

Chert: white off white lt cream, opaque to translucent, mostly fresh and sharp with some slightly weathered, few slightly tripolitic pieces, scattered small solution vugs, overall poor visible porosity, most having fair golden brown saturated staining with some dk black dead staining along edges, fair show gas bubbles and trace free lt brown oil with fair-good increase upon break/left under lamp, even bright lt yellow fluorescence, poor cut fluorescence, moderate odor in sample.

Limestone: off white lt cream lt tan, dense sub-cherty matrix in most with some scattered sub-dolomitic, vfxln, fossiliferous to barren, scattered small solution vugs, fair interxln porosity in most, even golden brown saturated stain, slight show lt brown oil and gas bubbles with fair increase upon break, even bright lt yellow fluorescence, poor cut fluorescence, moderate-fair odor in sample.

Limestone: dk gray dk brown, dense tight matrix, microxln, sub-fossiliferous to barren, poor-no visible porosity, no shows noted, no fluorescence, with trace Chert: white bone white, fresh and sharp, mostly barren.

Limestone: dk gray gray dk cream, dense cherty matrix, vf-fxln, fossiliferous with trace oolitic, fair interxln porosity in most, no shows noted, little-no fluorescence, with continued scattered Chert.

Limestone: dk tan brown, dense tight cherty matrix, microxln, trace sub-fossiliferous with most barren, poor visible porosity, no shows noted,

Limestone: dk tan brown dk brown, dense tight sub-cherty matrix, microxln, barren, poor visible porosity, no shows noted, no fluorescence, with scattered Shale: gray dk gray pale gray some red, mostly blocky, soft to hard, fissile in part.

Limestone: dk gray dk brown, dense tight sub-cherty matrix, microxln, barren, some scattered 2ndary xln along edges in few pieces, poor visible porosity, no shows noted, no fluorescence, with continued scattered Shale: gray dk gray pale gray pale green red, mostly blocky and hard, some fissile and pyritic.

Limestone: dk gray dk brown dk cream, dense tight matrix, some sub-cherty, micro-vfxln, mostly barren, scattered 2ndary xln along edges in few pieces, poor visible porosity, no shows noted, no fluorescence, with continued Shale.

Limestone: dk gray gray dk cream dk brown, dense tight matrix, micro-vfxln, scattered fossiliferous to barren, slightly pyritic, some 2ndary xln along edges, overall poor visible porosity, no shows noted, no fluorescence, with scattered Shale as above.

INFLUX - Shale: gray dk gray pale gray some brownish-red, blocky and hard, fissile in part, with abundant Limestone as above.

Limestone: gray dk cream brown, dense tight slightly dolomitic matrix, micro-vfxln, silty in part, barren, poor visible porosity, no shows noted, no fluorescence, with scattered Shale: gray dk gray pale green some reddish-brown, mostly blocky and hard.

Limestone: dk gray dk brown, dense tight slightly dolomitic matrix, micro-vfxln, slightly silty in part, mostly barren with few scattered fossils, poor interxln porosity, no shows noted, no fluorescence, with overall decrease in Shale.

Limestone: dk gray dk brown black, dense tight slightly dolomitic matrix, micro-vfxln, mostly barren, poor interxln porosity, no shows noted, no fluorescence, with trace Limestone: cream lt gray mottled, dense cherty matrix, sub-fossiliferous, poor visible porosity, no shows noted, no fluorescence.

Limestone: mixed as above, no shows noted, with trace Chert: bone white, fresh and sharp, barren, no shows noted.

Limestone: dk gray dk brown black, dense tight slightly dolomitic matrix, micro-vfxln, mostly barren, poor interxln porosity, no shows noted, no fluorescence, with trace Limestone: cream lt gray mottled, dense cherty matrix, vfxln, sub-fossiliferous, poor visible porosity, no shows noted, no fluorescence, and trace continued Chert.

INFLUX - Shale: gray dk gray pale gray, mostly blocky and hard, silty in part, with Limestone: as above, no shows noted

70 Unit Kick

Vis: 38  
Wt: 9.6  
LCM: 3 #/bbl

TG, C1-C5 400

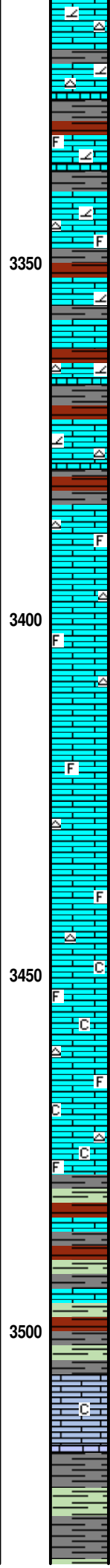
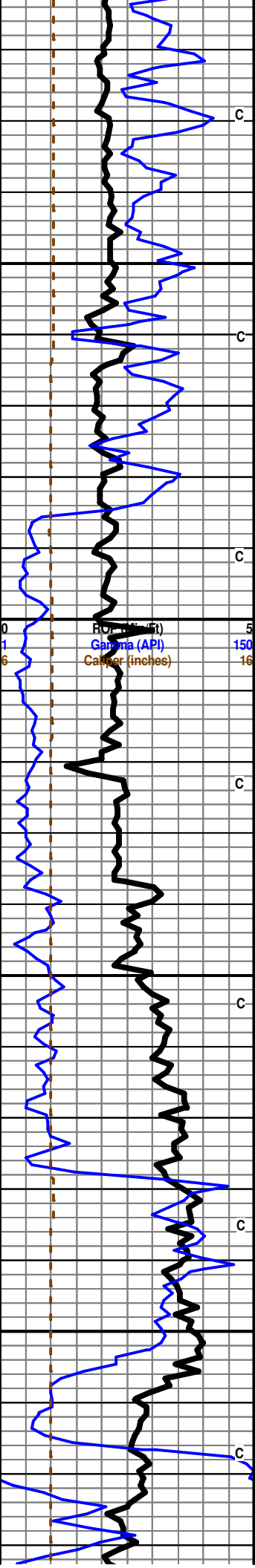
Rig down for Draw Works Drum Chain repairs, 2215 hrs 7.31.11. Resume drilling, 0545 hrs 8.1.11.

Vis: 37  
Wt: 9.6  
LCM: 3 #/bbl

0700 hrs, 8.1.11

Fud Mud Mud Ck @ 3251'  
0910 hrs 8.1.11  
Vis 37 Wt 9.9  
PV 31 YP 20  
WL 9.6  
Cake 2/32  
pH 9.5  
CHL 900 ppm  
Cal 0  
LCM: 2 #/bbl





above, no shows noted.

Limestone: dk gray dk brown black, dense tight slightly dolomitic matrix, micro-vfxln, mostly barren with scattered imbedded fossils, poor interxln porosity, no shows noted, no fluorescence, with scattered Limestone: cream lt gray mottled, dense sub-cherty matrix, vfxln, fossiliferous, fair amount 2ndary xln along edges, poor-fair interxln/interfossiliferous porosity, no shows noted, little-no mineral fluorescence, and Shale as above.

Limestone: mixed as above, no shows noted, with INFLUX Shale: gray dk gray lt gray brown red, blocky and hard, some fissile.

Limestone: dk gray dk brown black, dense tight slightly dolomitic matrix, micro-vfxln, mostly barren, poor interxln porosity, no shows noted, no fluorescence, with abundant Shale: gray dk gray lt gray brown red, blocky and hard, some fissile.

Limestone: dk gray dk brown black, dense tight slightly dolomitic matrix, micro-vfxln, mostly barren, poor interxln porosity, no shows noted, no fluorescence, with abundant Shale: gray dk gray lt gray brown red, blocky and hard, some fissile, with scattered Chert: white bone white, fresh and sharp, trace sub-fossiliferous with most barren, no shows noted.

Limestone: dk gray gray some dk brown, dense tight matrix, vfxln, barren, poor visible porosity, no shows noted, no fluorescence, with trace Limestone: lt cream off white, soft to dense sub-cherty matrix, vf-fxln, fossiliferous to sub-fossiliferous, fair interxln porosity, no shows noted, very poor-no mineral fluorescence, no cut fluorescence.

Limestone: as above, no shows noted, grading to Limestone: lt cream off white, soft to dense sub-cherty matrix, vf-fxln, fossiliferous to sub-fossiliferous, fair interxln porosity, no shows noted, very poor-no mineral fluorescence, no cut fluorescence, with scattered Chert: white bone white, fresh and sharp, oolitic in part, no shows noted.

POOR SAMPLE QUALITY DUE TO LACK OF RETURNS - Appears to be Limestone as above.

Limestone: lt cream off white lt gray, soft to dense sub-cherty very xln matrix, vf-fxln, fossiliferous to sub-fossiliferous, fair interxln porosity, no shows noted, very poor-no mineral fluorescence, no cut fluorescence, with scattered Chert: white bone white, fresh and sharp, oolitic in part, no shows noted, and influx loose Chalk in sample.

Limestone: off white lt gray, dense cherty very xln matrix, vfxln, fossiliferous in part, overall poor interxln porosity, no shows noted, very poor-no mineral fluorescence, no cut fluorescence, with Chert: white bone white, mostly fresh and sharp with some slightly weathered, mostly barren, no shows noted, and continued scattered loose Chalk in sample.

Limestone: off white lt gray, dense cherty very xln matrix, vfxln, fossiliferous in part, overall poor interxln porosity, no shows noted, very poor-no mineral fluorescence, no cut fluorescence, with trace Chert and loose Chalk as above, and picking up Shale: gray pale gray pale green maroon brown, mostly blocky and hard.

Shale: as above, with INTERBEDDED Limestone: gray lt gray, dense tight matrix, vf-microxln, mostly barren, poor visible porosity, no shows noted, no fluorescence.

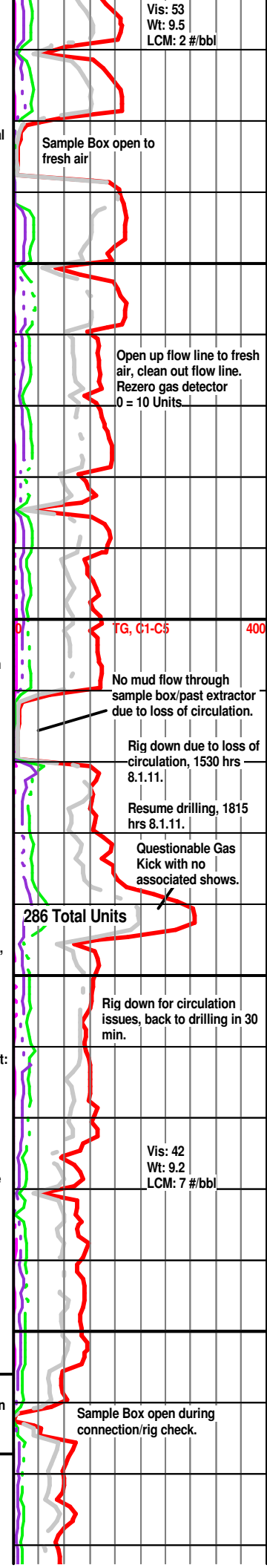
Shale: gray lt gray maroon, mostly blocky and hard, with scattered Limestone as above.

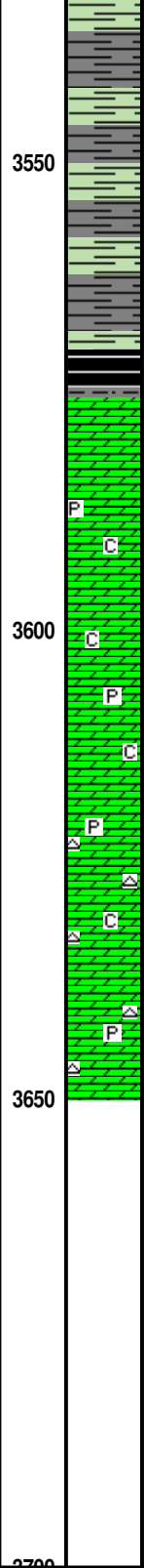
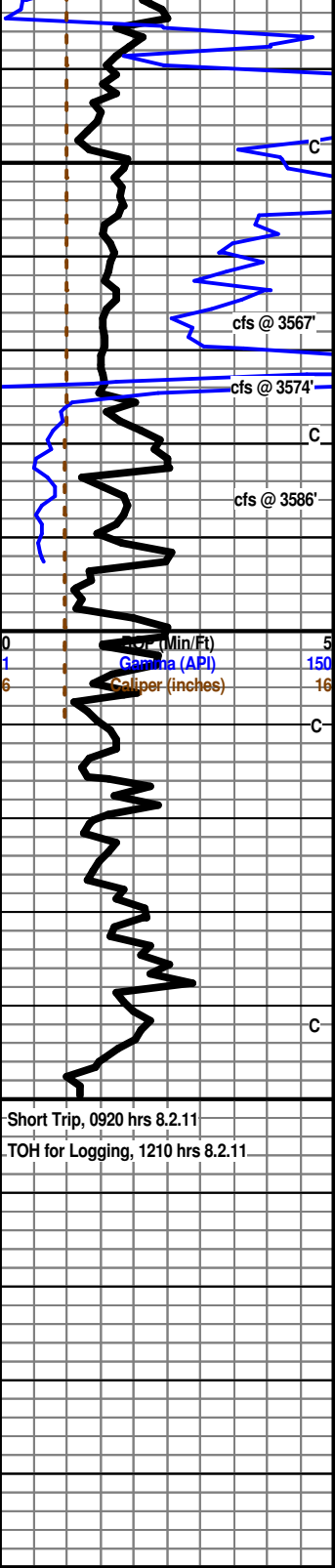
**Gilmore City 3506 (-2192)**

Limestone: lt cream off white lt gray, dense tight sub-chalky matrix, vfxln, mostly barren, poor interxln porosity, no shows noted, no fluorescence.

**Kinderhook 3517 (-2203)**

Shale: gray dk gray pale green, blocky and hard, still carrying abundant Limestone from above.





Shale: gray dk gray pale green, blocky and hard.

3567' cfs 15" - Shale: gray dk gray pale green, blocky to rounded, mostly soft with some dense and harder, sample washes black.

3567' cfs 30"/45" - Shale: gray dk gray pale green, blocky to rounded, mostly soft with some dense and harder, sample washes dk gray-black.

3574' cfs 30"/45" - Shale: gray dk gray pale green some black carbonaceous, blocky to rounded, mostly soft with some dense and harder, sample washes black.

**Arbuckle 3575 (-2261)**

3586' cfs 30" - Shale: gray dk gray pale green, blocky to rounded, mostly soft with some dense and harder, sample washes black, with Shale: black, carbonaceous, dense and blocky, hard, no show gas bubbles, no Dolomite in sample.

3586' cfs 45" - Dolomite: It gray lt cream, dense tight matrix, vf-fxl, overall poor rhombic development, pyritic in part, some scattered chalky residue on edges, poor interxn porosity with some scattered small vugs, poor show lt brown oil upon break with poor-fair increase under lamp, even dull pale yellow fluorescence, poor forced cut fluorescence, faint odor.

Dolomite: It cream lt gray, dense tight matrix, vf-fxl with some scattered coarsexn, poor-fair rhombic development in most, pyritic in part, scattered pieces with chalky residue along edges, fair-poor interxn porosity, only couple pieces with very poor show lt brown oil upon break (from uphole?), even dull pale yellow fluorescence, faint-no odor.

Dolomite: cream gray tan, dense tight matrix, vf-fxl with some scattered coarsexn, poor-fair rhombic development in most, slightly pyritic, fair interxn porosity in most, no shows noted, even poor dull pale yellow-white fluorescence, no odor, with influx Chert: white bone white, opaque, fresh and sharp, no shows noted.

Dolomite: cream gray tan, dense tight matrix, vf-fxl with some scattered coarsexn, poor-fair rhombic development in most, slightly pyritic, fair interxn porosity in most, no shows noted, even poor dull pale yellow-white fluorescence, no odor, Chert as above.

3650' cfs 30"/60" - Dolomite: tan brown gray, dense tight matrix, f-coarsexn, fair rhombic development in most, pyritic in part, fair interxn porosity, no shows noted, even poor dull pale yellow-white fluorescence, no odor, with continued Chert.

**RTD 3650 (-2336)**  
**LTD 3648 (-2334)**

Rotary TD @ 3650', 0810 hrs 8.2.11  
Tucker Wireline Services Open Hole Logging TD @ 3648'  
Commence Open Hole Logging Operations, 1400 hrs 8.2.11  
Complete Open Hole Logging Operations, 1720 hrs 8.2.11  
Orders Received to Run 5 1/2" Production Casing

Geologist Derek W. Patterson off location, 1845 hrs 8.2.11

Respectfully Submitted,  
Derek W. Patterson

212 Total Units

TG, C1-C5

0700 hrs, 8.2.11

Fud Mud Mud Ck  
@ 3650'  
1230 hrs 8.2.11  
Vis 64 Wt 9.1  
PV 38 YP 24  
WL 8.6  
Cake 2/32  
pH 9.5  
CHL 900 ppm  
Cal 40  
LCM: 8 #/bbl

REVISION:	DESCRIPTION:
-----------	--------------

WELL No: 1

REV.

5 1/2" X 2 7/8" TUBING HEAD  
 KB: 10'  
 1304'

NO TUBING SUBS

SURFACE CASING: 8 5/8" 23#/FT @ 300' 200SX  
 CMT TO SURFACE (12 1/4" HOLE)

PRODUCTION CASING:  
 5 1/2" @ 3626.25' - 17.0lb/ft  
 7 7/8" HOLE (BIT)

PUMPING UNIT: C - 160 -143 - 74 (74" SURFACE STROKE)  
 50 OR 75HP ELECTRIC MOTOR  
 1.25" X 16' POLISHED ROD  
 1.50" X 8' HARD LINED POLISHED ROD LINER  
 7/8" X 2' & 7/8" X 6' PONY ROD ON TOP (GRADE D)  
 52 - 7/8" GRADE D SUCKER RODS ON TOP (1300')  
 83 - 3/4" GRADE D SUCKER RODS ON BOTTOM (2075')  
 1 - 1.50" SINKER BAR ON TOP OF PUMP (25')  
 7/8" X 2' PONY ROD ON TOP OF PUMP (GRADE D)  
 TOTAL ROD WEIGHT: 6504.26 LBS  
 TOTAL ROD LENGTH: 3427'  
 ESTIMATED SPEED: 4 TO 16 SPM  
 MAX. SPEED: 16 SPM  
 MAX. DISPLACEMENT: 465 BPD (2.0" PUMP) INSTALLED  
 MAX. DISPLACEMENT: 700 BPD (2.75" PUMP)  
 NO TUBING ANCHOR

2 7/8" J55 API UPSET TUBING  
 6.5#/FT - 2.441" ID, 2.875" OD  
 110 JTS - 3418.56' (31.078' / JT AVG)

TOC: 2267' W/225 SX

MISSISSIPPI PERFORATIONS  
 3110' - 3228' (1 SPF)

2.00" INSERT PUMP  
 PUMP LENGTH: 14' (NICARD AND SS)  
 BOTTOM HOLD-DOWN TYPE  
 TRAVELING BARREL  
 8' GAS SEPARATOR ON THE BOTTOM  
 2' X 7/8" PONY ROD ON TOP OF PUMP  
 PUMP INTAKE DEPTH: 3425.56'  
 PUMP IS SETTING 198' BELOW PERFS.

2 7/8" COUPLING

2 7/8" x 1' SEATING NIPPLE  
 (3418.56'-3419.56')

2 7/8" COUPLING

2 7/8" X 15' MUD ANCHOR  
 (3419.56'-3434.56)

MISSISSIPPI PERFORATIONS:

CHERT	3110'-3114'	1 SPF FOR A TOTAL OF 5 HOLES
LIME	3127'-3135'	1 SPF FOR A TOTAL OF 9 HOLES
LIME	3139'-3143'	1 SPF FOR A TOTAL OF 5 HOLES
LIME	3160'-3167'	1 SPF FOR A TOTAL OF 8 HOLES
LIME	3171'-3179'	1 SPF FOR A TOTAL OF 9 HOLES
LIME	3184'-3187'	1 SPF FOR A TOTAL OF 4 HOLES
LIME	3194'-3201'	1 SPF FOR A TOTAL OF 8 HOLES
LIME	3204'	1 SPF FOR A TOTAL OF 1 HOLE
LIME	3207'	1 SPF FOR A TOTAL OF 1 HOLE
LIME	3211'	1 SPF FOR A TOTAL OF 1 HOLE
LIME	3218'	1 SPF FOR A TOTAL OF 1 HOLE
LIME	3219'	1 SPF FOR A TOTAL OF 1 HOLE
LIME	3222'	1 SPF FOR A TOTAL OF 1 HOLE
LIME	3223'	1 SPF FOR A TOTAL OF 1 HOLE
LIME	3226'	1 SPF FOR A TOTAL OF 1 HOLE
LIME	3227'	1 SPF FOR A TOTAL OF 1 HOLE
LIME	3228'	1 SPF FOR A TOTAL OF 1 HOLE

75.44'

10,000 PSIG CIPB SET AT 3510'

ARBUCKLE PERFORATIONS  
 3575' - 3577' (4 SPF)

TD: 3650.0  
 PBDT: 3619.0

SWAB MANDREL WITH CHANGE OVER  
 AND FIVE SAND SWAB CUPS LOST IN HOLE

DOWNHOLE TEMP: 108 F

DRAWN: BK 09/01/11	APPROVED:	LEASE: LESTER #1	WELL No: 1	REV.
--------------------	-----------	------------------	------------	------

**LassoEnergy** LLC

TOLERANCES (Unless Otherwise Specified)	LOCATION: 26-32S-5E - COWLEY CO.
Fractional..... ± 1/32"	SCALE: N/A
2 Place Decimal..... ± .030	
3 Place Decimal..... ± .005	
4 Place Decimal..... ± .001	

58 HOLES TOTAL



**CONSOLIDATED**  
ON Well Services, LLC



**ENTERED**

TICKET NUMBER 31410

LOCATION Eureka, KS

FOREMAN Shannon Feck

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**

**CEMENT API # 15-035-24436**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
8-3-11	4842	Lester #1	26	325	5E	Cowley	
CUSTOMER Lasso Energy LLC			VAL Rig #3	TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS P.O. Box 465				520	John S		
CITY Chase				515	Calin H		
STATE KS				479	Joey		
ZIP CODE 67524							

JOB TYPE Long string HOLE SIZE 7 1/2" HOLE DEPTH 3650 CASING SIZE & WEIGHT 5 1/2" @ 17#  
 CASING DEPTH 3626.25 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT Lead 12.7 Tail 13.2 SLURRY VOL 71 Bbl WATER gal/sk 9.0 CEMENT LEFT in CASING 16.11  
 DISPLACEMENT 84 Bbl DISPLACEMENT PSI 800-1200 MIX PSI 150 RATE 5 BPM

REMARKS: Rig up to 5 1/2" casing, Break Circulation with 15 Bbl water, mixed 150 SKS 60/40 Pozmix cement with 6% gel, 1/2# Phenoseal/SK @ 12.7#/gal as our lead cement. Tailed in with 75 SKS Thick set cement with 5# Kol-seal/SK @ 13.2#/gal. shut down wash out pump & lines. Displaced with 84 Bbl water. Final pumping pressure of 800 psi, bumped plug to 1200 psi, wait two minutes release pressure. Good circulation @ all times. Left Swedge and valve on casing, because water was trickling out, Job complete

"Thanks Shannon & crew"

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	975.00	975.00
5406	80	MILEAGE	4.00	320.00
1131	150 SKS	60/40 Pozmix Cement } Lead	11.95	1792.50
1118 B	774#	Gel @ 6% } cement	.20	154.80
1107 A	75#	Phenoseal @ 1/2#/SK	1.22	91.50
1126 A	75 SKS	Thick set cement } Tail	18.30	1372.50
1110 A	375#	Kol-seal 5#/SK } cement	.44	165.00
5407 A	10.57 tons	Ton-mileage bulk truck	1.26	1065.46
4454	1	5 1/2" Latch down Plug	254.00	254.00
4130	6	5 1/2" Centralizers	48.00	288.00
4104	1	5 1/2" Cement basket	229.00	229.00
4159	1	5 1/2" AFU Float shoe	344.00	344.00
			Sub total	7051.76
			6.88% SALES TAX	319.00
			ESTIMATED TOTAL	7370.76

Revin 3737

243153

AUTHORIZATION

Ben Dyer

TITLE

Fieldman

DATE

Aug 3, 2011

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



TICKET NUMBER 31433  
LOCATION Eureka  
FOREMAN Rick Ledford

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

API# 15-035-24436

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-29-11	4842	Lester # 1	26	325	5E	Lawley
CUSTOMER				TRUCK # DRIVER TRUCK # DRIVER		
Lasso Energy LLC				520	John	
MAILING ADDRESS				611	Chris B.	
P.O. Box 465						
CITY	STATE	ZIP CODE				
Chase	Ks	67524				

JOB TYPE surface 0 HOLE SIZE 12 1/4" HOLE DEPTH 308' CASING SIZE & WEIGHT 8 5/8"  
 CASING DEPTH 308' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 15# SLURRY VOL 50 Bbl WATER gal/sk 6.5 CEMENT LEFT in CASING 20'  
 DISPLACEMENT 18.5 Bbl DISPLACEMENT-PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting - Rig up to 8 5/8" casing. Pump 3 Bbl water ahead. Mixed 200 sks class A cement w/ 3% cacl2, 2% gel + 1/4" floccle/sk @ 15#/gal. Displace w/ 18.5 Bbl fresh water. Shut casing in w/ good cement returns to surface = 12 Bbl slurry to pit. Job complete. Rig down.

..Thank You..

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	775.00	775.00
5406	80	MILEAGE	9.00	320.00
11045	200 sks	class A cement	14.25	2850.00
1102	565 #	3% cacl2	.70	395.50
11183	375 #	2% gel	.20	75.00
1107	50 #	1/4" floccle/sk	2.22	111.00
5407A	9.4	ten mileage bulk tar	1.26	947.52
			Subtotal	5474.02
			SALES TAX	233.34
			ESTIMATED TOTAL	5707.36

Ravin 3737

AUTHORIZATION Rick Ledford TITLE 243057 DATE \_\_\_\_\_

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

Company **LASSO ENERGY, LLC.**  
 Well **LESTER #1**  
 Field **MOON**  
 County **COWLEY** State **KANSAS**

Location **NE-NE-SE**  
**2310' FSL & 330' FEL**  
 SEC. **26** TWP. **32S** RGE. **5E**  
 Permanent Datum **GROUND LEVEL** Elevation **1304**  
 Log Measured From **KELLY BUSHING 10' AGL**  
 Drilling Measured From **KELLY BUSHING**

Date	08-16-2011						
Run Number	ONE						
Depth Driller	3650						
Depth Logger	3619						
Bottom Logged Interval	3618						
Top Log Interval	2050						
Open Hole Size	WATER						
Type Fluid	WATER						
Density / Viscosity							
Max. Recorded Temp.							
Estimated Cement Top	2267						
Time Well Ready							
Time Logger on Bottom							
Equipment Number	52						
Location	GREAT BEND						
Recorded By	LEE BRETZ						
Witnessed By	MR. BRUCE KELSO						
Borehole Record		Tubing Record					
Run Number	Bit	From	To	Size	Weight	From	To
Casing Record	Size	Wgt/Ft		Top	Bottom		
Surface String	8.625	24#		0	307		
Prot. String							
Production String	5.5	17#		0	3634		
Liner							

<<< Fold Here >>>

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

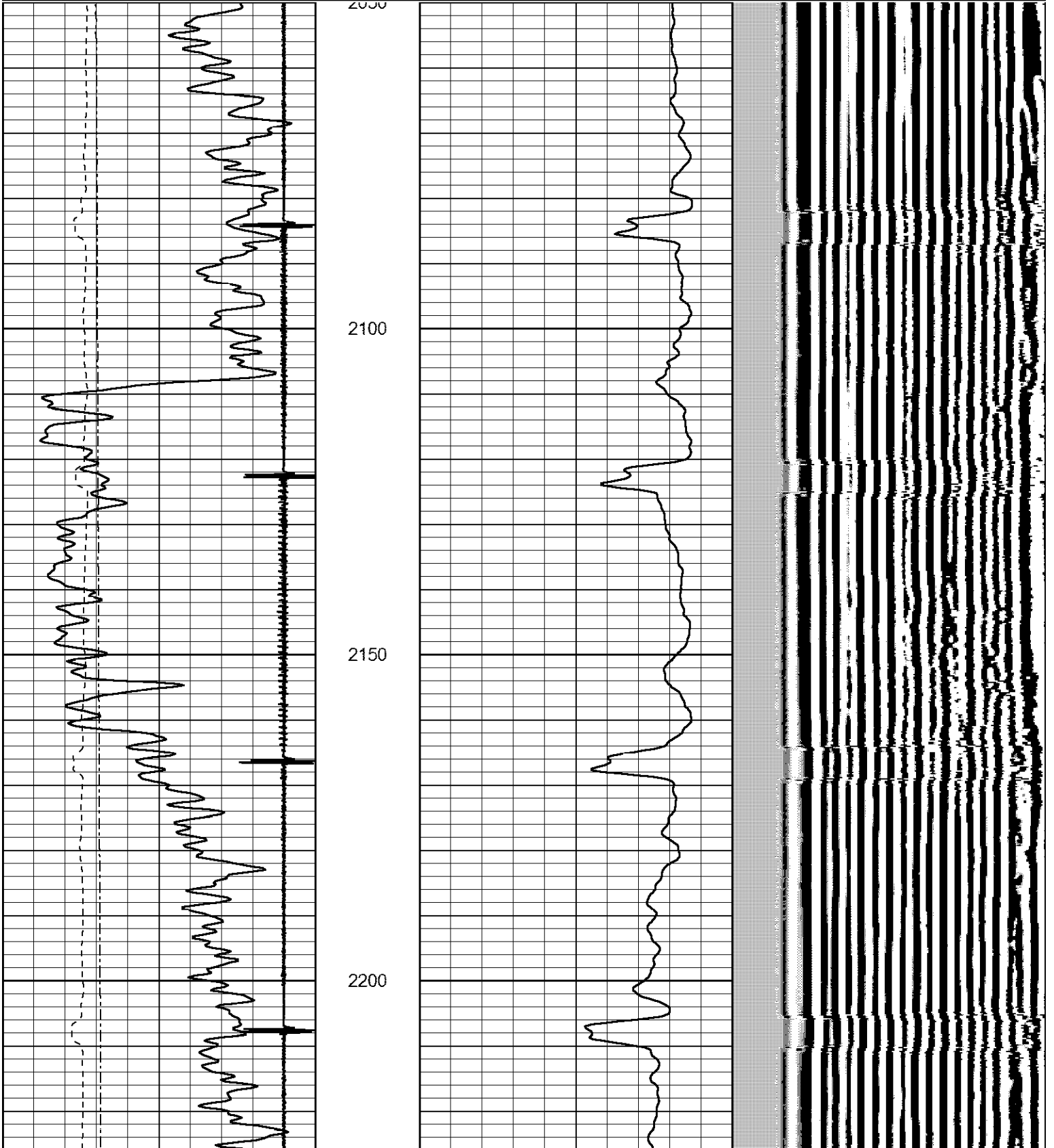
THANK YOU FOR USING LOG TECH OF KANSAS!  
 (620)792-2167

DIRECTIONS  
 WINFIELD,KS  
 5 OR 6 MILES EAST TO 171ST ROAD  
 1/2 SOUTH WEST INTO

CORRECTED -4.4' TO OPENHOLE LOG

Database File: lester1.db  
 Dataset Pathname: pass3  
 Presentation Format: cbl02  
 Dataset Creation: Tue Aug 16 10:04:13 2011 by Log Std Casedhole 07122  
 Charted by: Depth in Feet scaled 1:240

9	Collar Locator	-1	0	Amplitude (mV)	100	200	VARIABLE DENSITY	1200
0	Gamma Ray (GAPI)	150	0	X5 AMPLITUDE (mV)	20			
320	TT3 (usec)	120						
0	LTEN (lb)	2000						





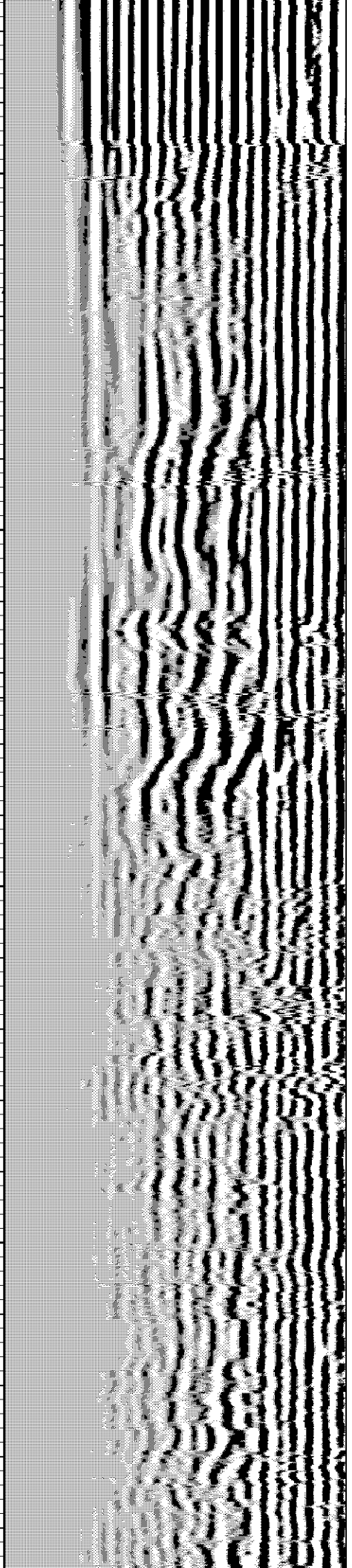
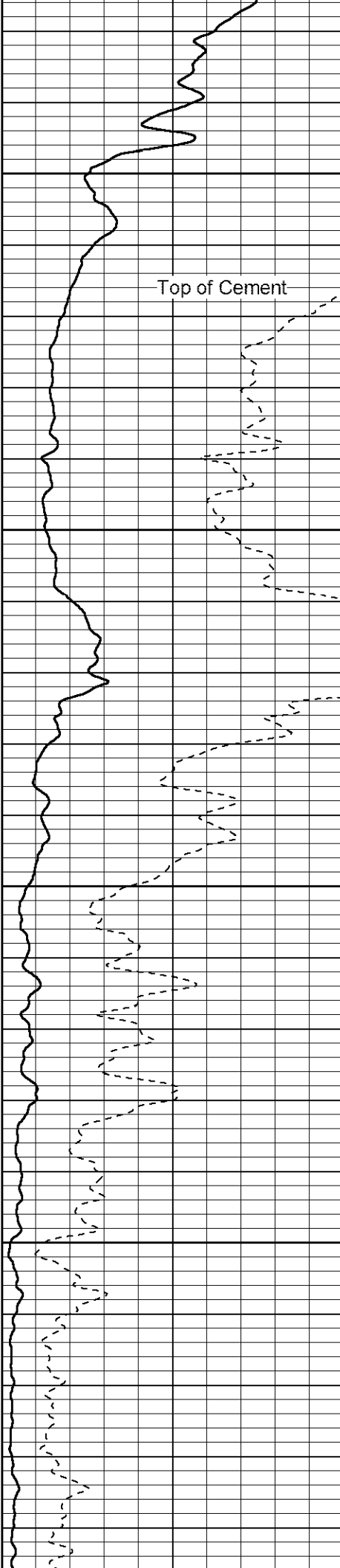
2250

2300

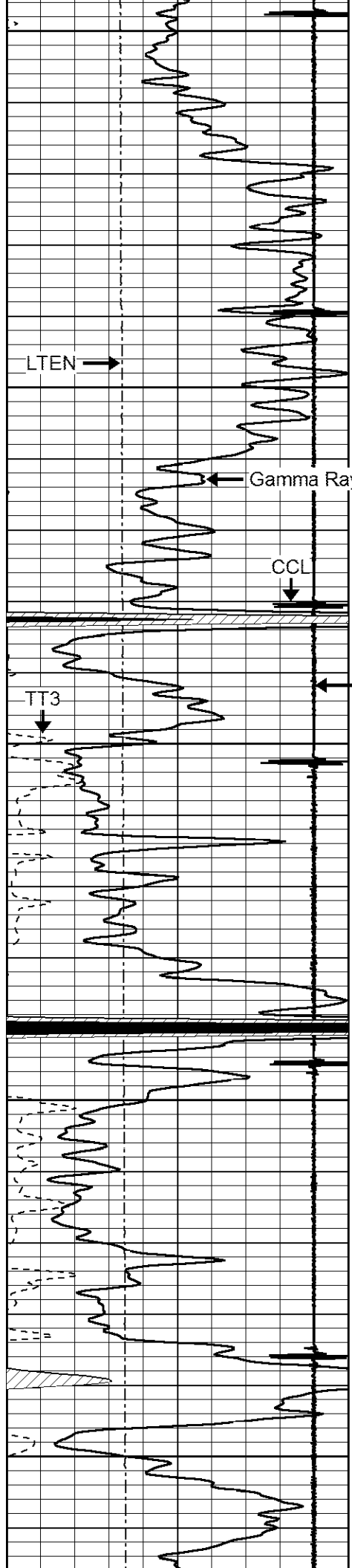
2350

2400

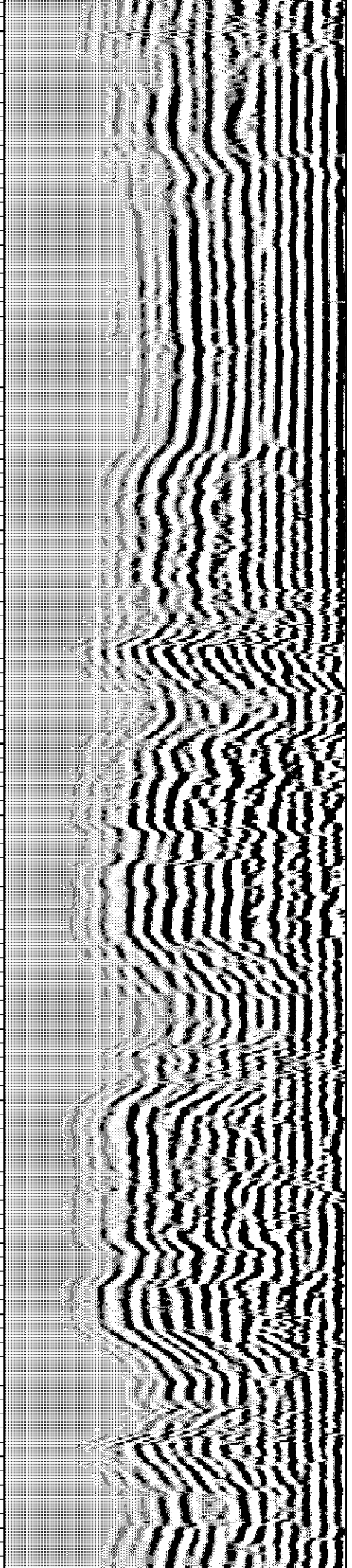
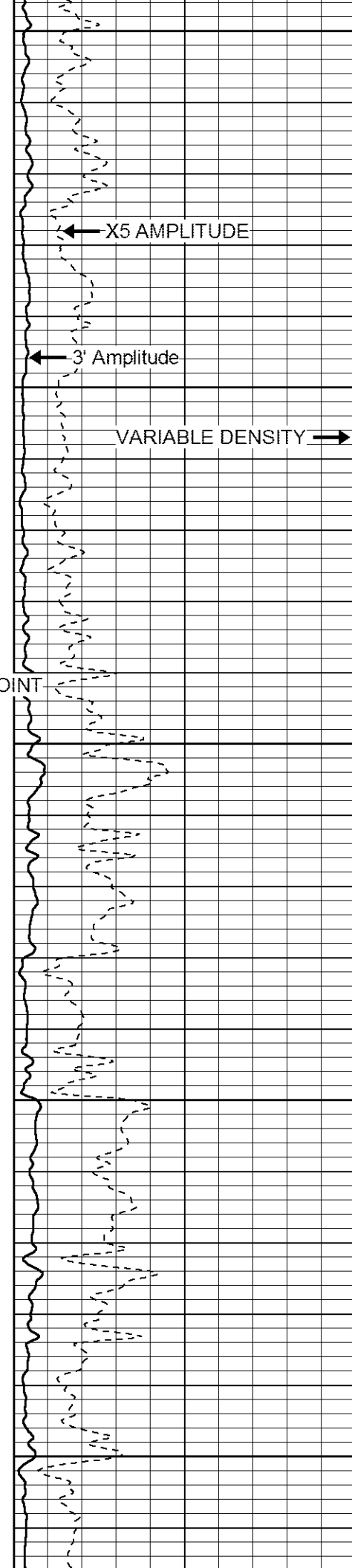
Top of Cement

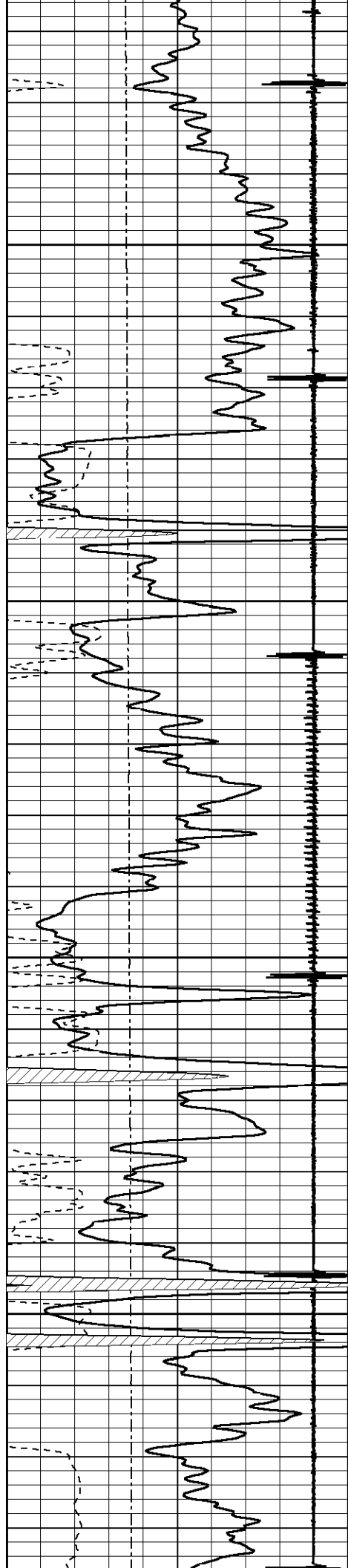






2450  
2500  
2550  
2600  
2650



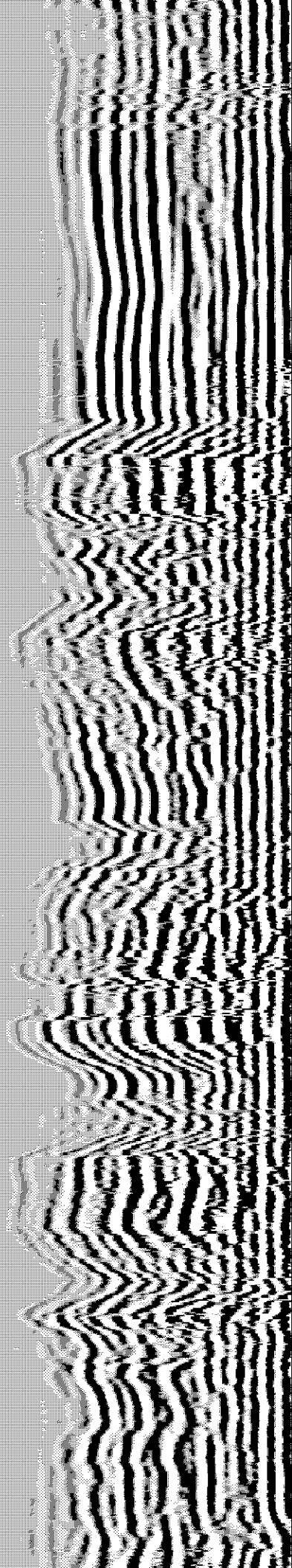
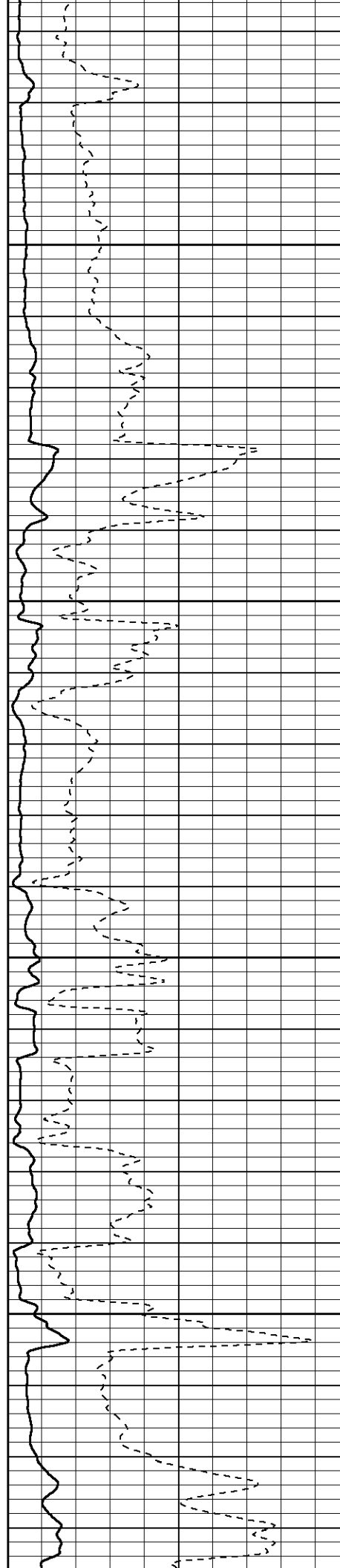


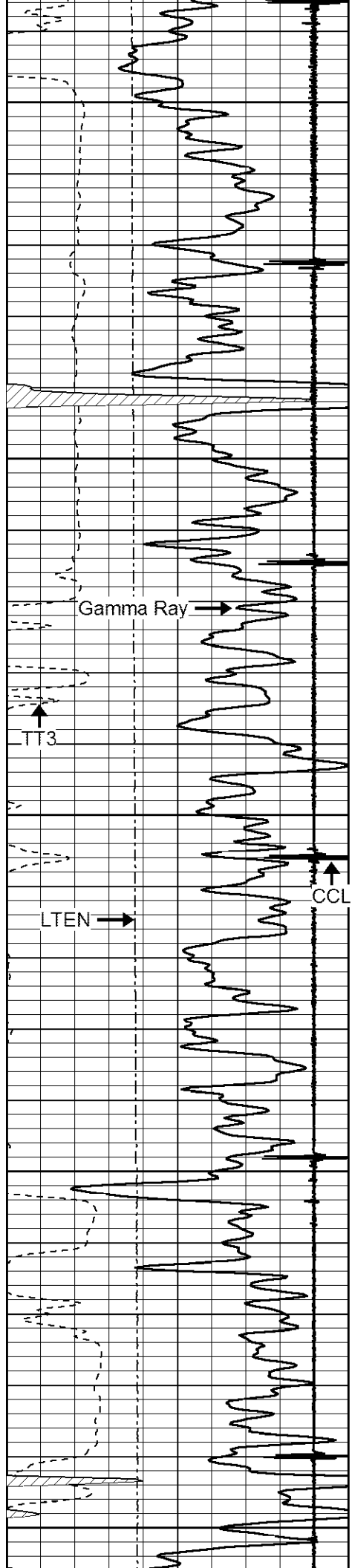
2700

2750

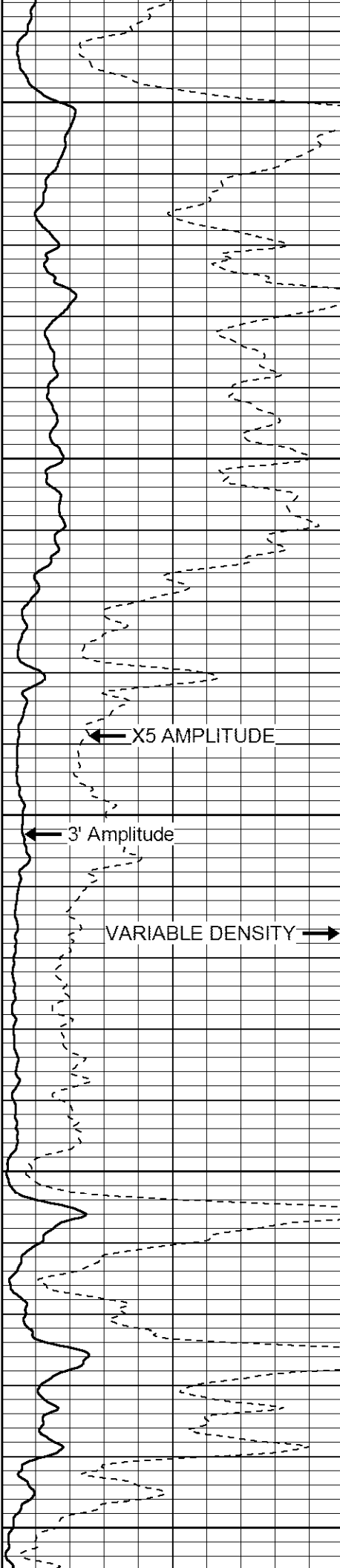
2800

2850

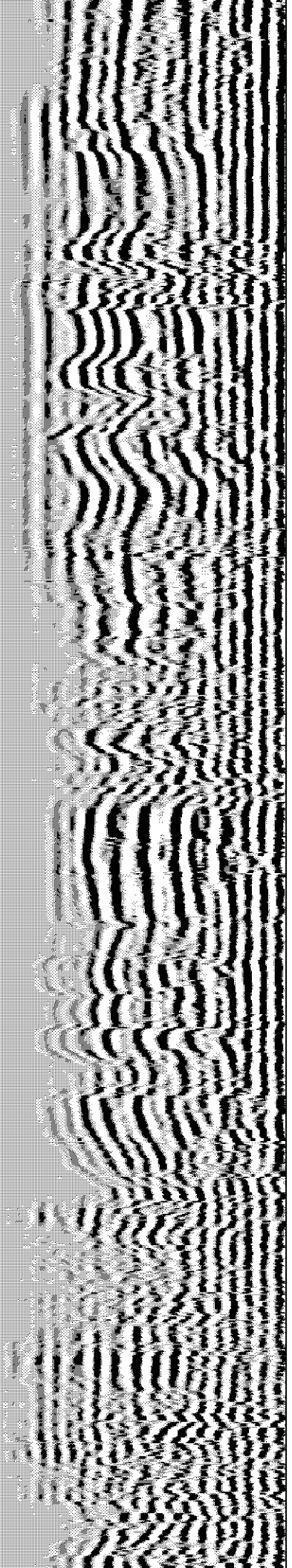


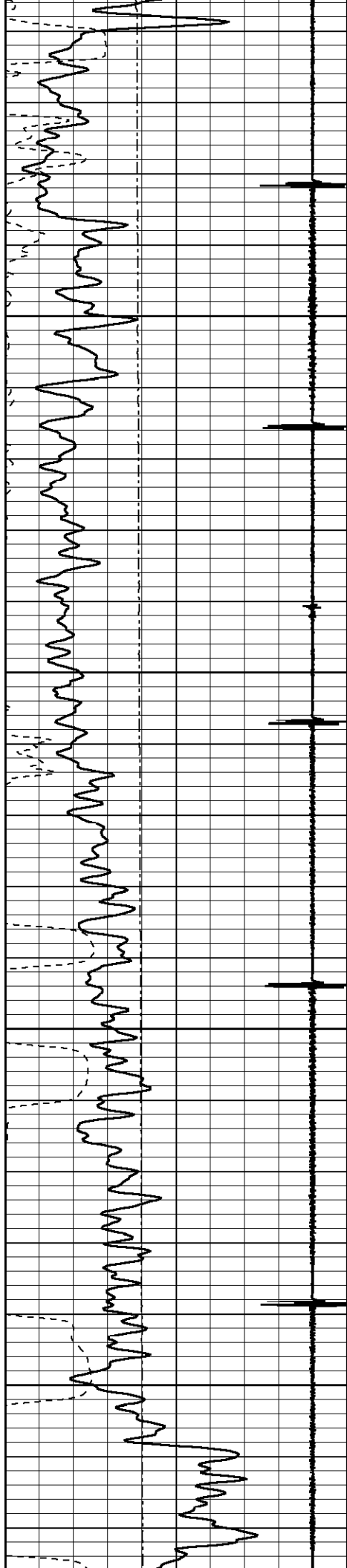


2900  
2950  
3000  
3050  
3100



X5 AMPLITUDE  
3' Amplitude  
VARIABLE DENSITY



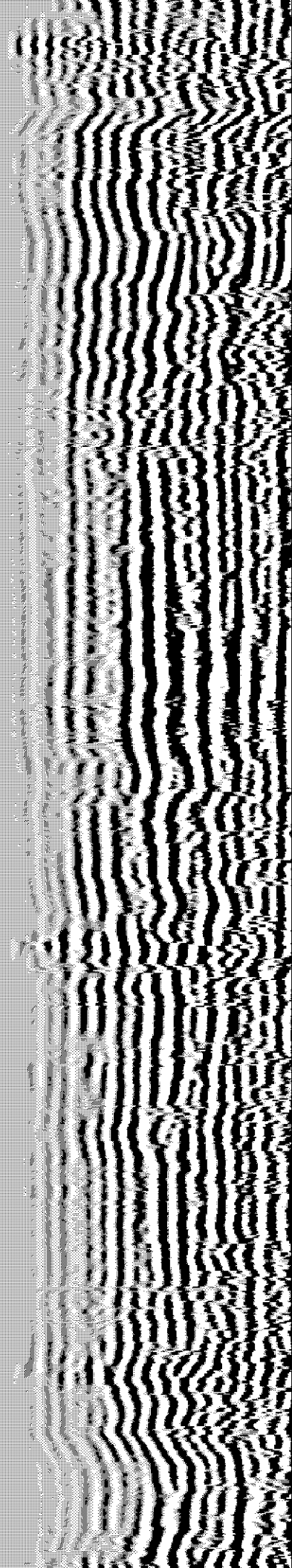
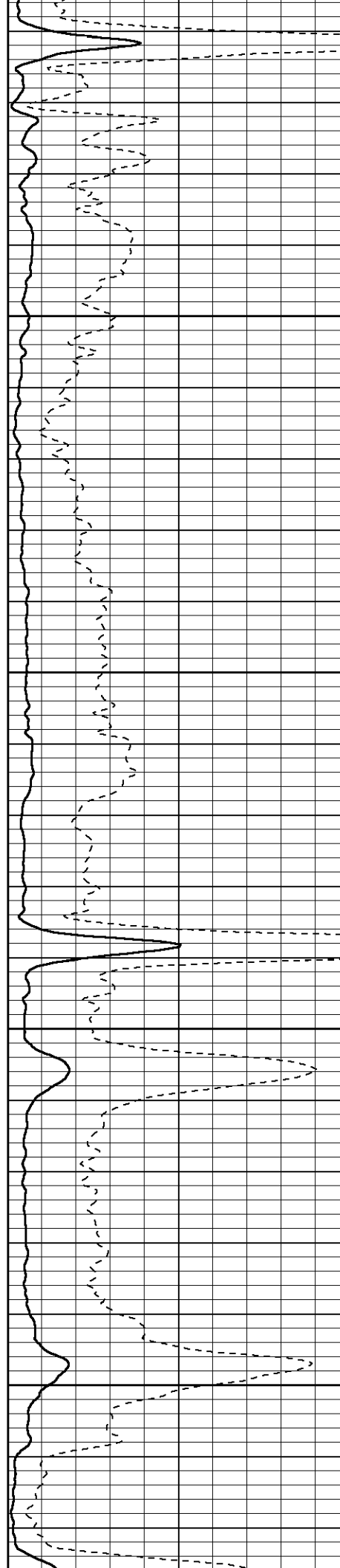


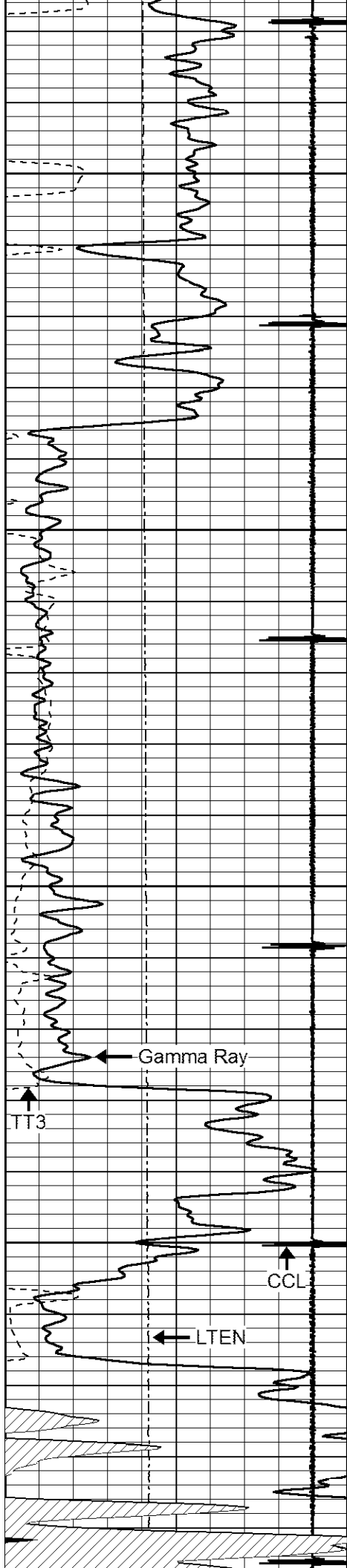
3150

3200

3250

3300



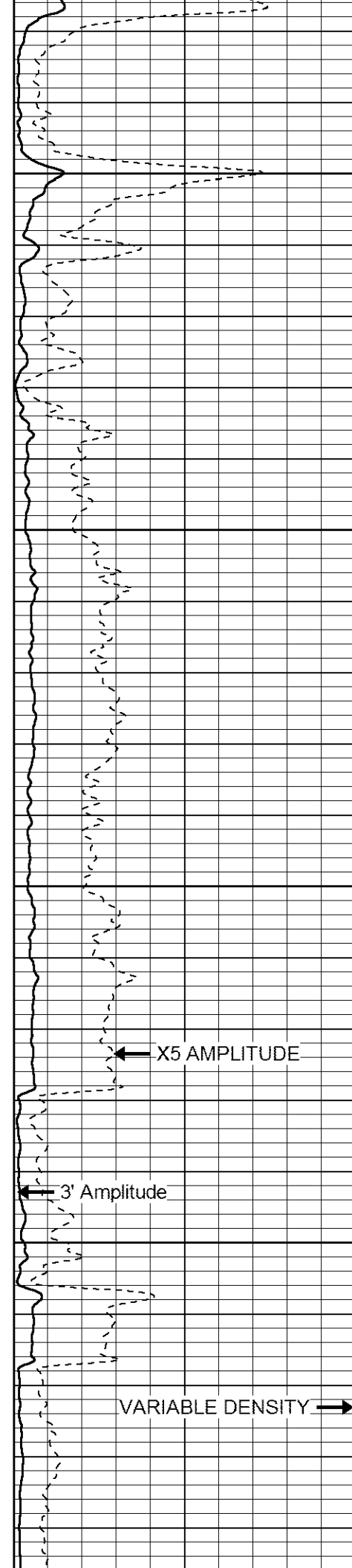


3350

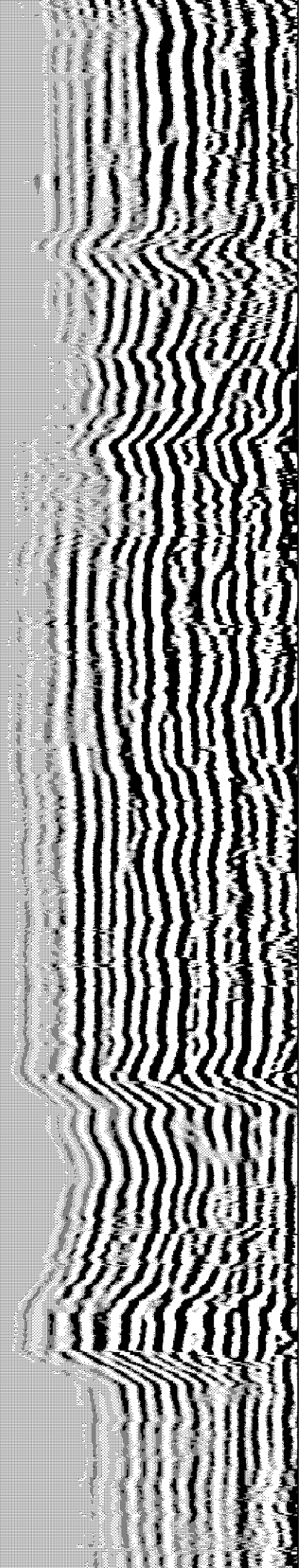
3400

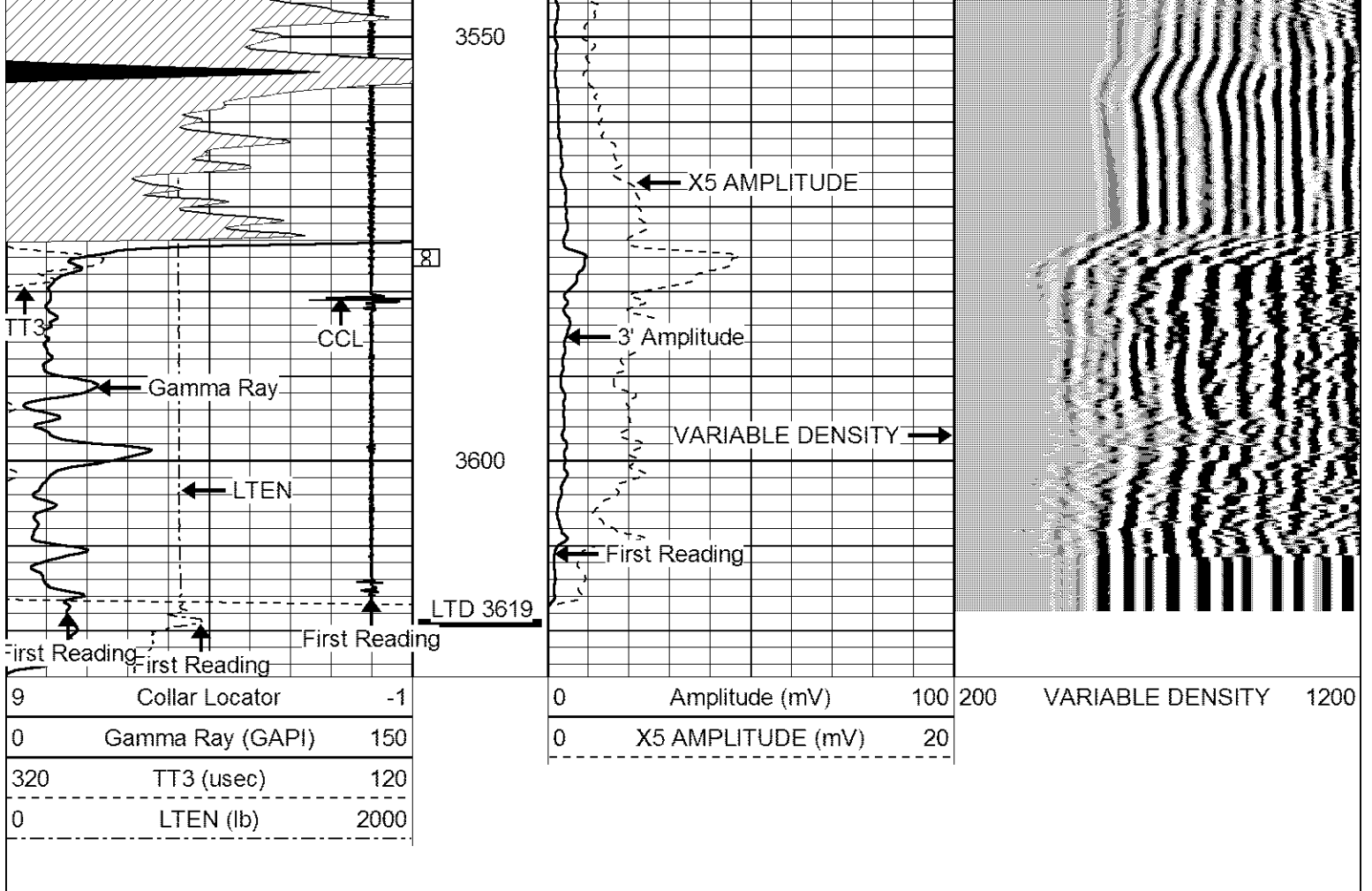
3450

3500



VARIABLE DENSITY →



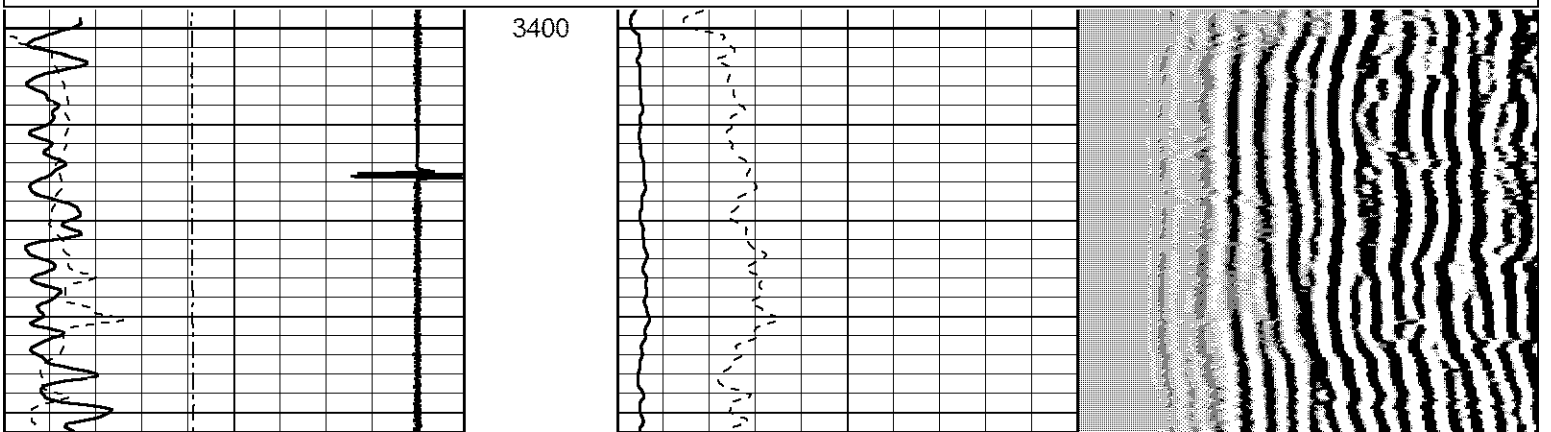


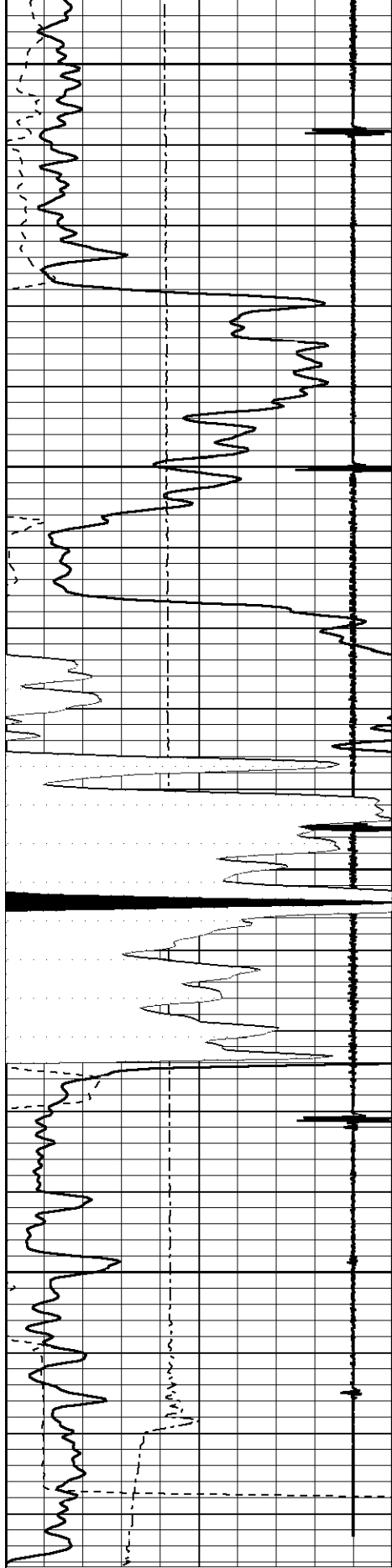
**LOG-TECH**  
*of Kansas*  
 Inc.  
 GREAT BEND, KANSAS

# REPEAT SECTION

Database File: lester1.db  
 Dataset Pathname: pass2  
 Presentation Format: cbl02  
 Dataset Creation: Tue Aug 16 09:56:12 2011 by Log Std Casedhole 07122  
 Charted by: Depth in Feet scaled 1:240

9	Collar Locator	-1	0	Amplitude (mV)	100	200	VARIABLE DENSITY	1200
0	Gamma Ray (GAPI)	150	0	X5 AMPLITUDE (mV)	20			
320	TT3 (usec)	120						
0	LTEN (lb)	2000						





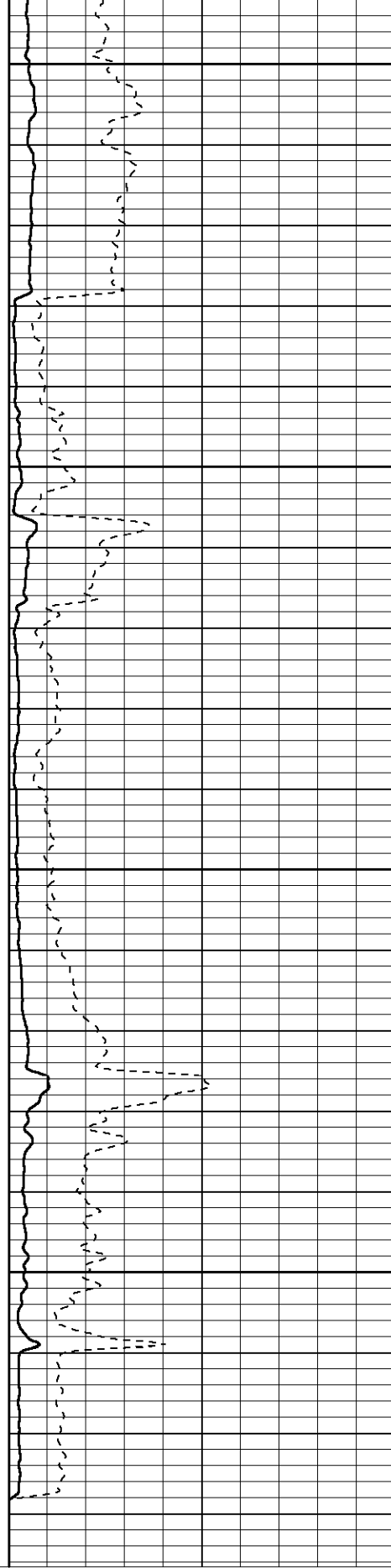
9	Collar Locator	-1
0	Gamma Ray (GAPI)	150
320	TT3 (u sec)	120
0	LTEN (lb)	2000

3450

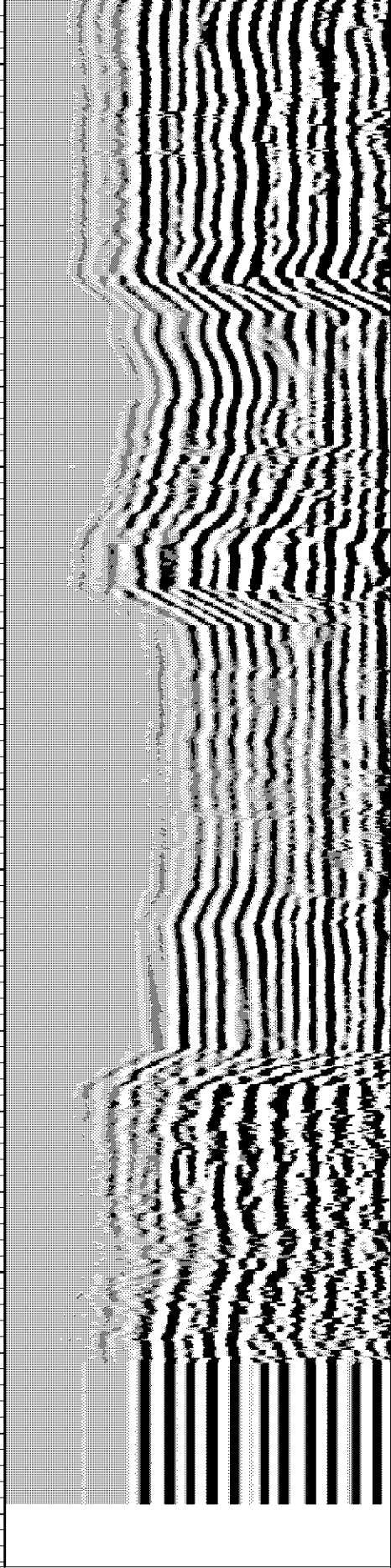
3500

3550

3600



0	Amplitude (mV)	100
0	X5 AMPLITUDE (mV)	20



200 VARIABLE DENSITY 1200

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)	
			STNDRD Standard Cable Head	1.00	1.69	10.00	
WVF3	8.76		CBL-probecbl (probecbl1) probe cbl	8.75	2.75	92.00	
WVF5	7.76						
CCL	3.69		CCL-probe (cclpr) probe ccl	1.55	2.75	30.00	
GR	0.90		GR-probegr (progr1) probe gamma ray	3.02	2.75	20.00	

Dataset: lester1.db: field/well/run1/pass3  
 Total Length: 14.32 ft  
 Total Weight: 152.00 lb



O.D.

2.75 in