Confidentiality Requested:
☐ Yes ☑ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1283786

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 # 33453
Name: Jones, Stephen C.
Address 1: 2332 W NEW ORLEANS
Address 2:
City: BROKEN ARROW State: OK Zip: 74011 + __ __ __ __
Contact Person: Steve Jones
Phone: (918) 286-1499
CONTRACTOR: License # 32548
Name: Kan-Drill, Inc.
Wellsite Geologist: Trent Christiansen
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
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer

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

09/28/2015 Spud Date or Recompletion Date
10/25/2015 Date Reached TD
10/30/2015 Completion Date or Recompletion Date

API No. 15 - 15-031-24177-01-00
Spot Description:
NW SW SE NW Sec. 28 Twp. 22 S. R. 14 ☑ East ☐ West
2100 Feet from ☑ North / ☐ South Line of Section
1490 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: Coffey
Lease Name: J Birk Well #: 8A
Field Name:
Producing Formation: Upper Squirrel Sand
Elevation: Ground: 1119 Kelly Bushing: 1124
Total Vertical Depth: 1486 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 40 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: 10000 ppm Fluid volume: 1000 bbls
Dewatering method used: Evaporated

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**
☐ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** NAOMI JAMES **Date:** 02/12/2016

[redacted] 1283786

Operator Name: Jones, Stephen C. Lease Name: J Birk Well #: 8A

Sec. 28 Twp. 22 S. R. 14 ☑ East ☐ West County: Coffey

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:

Dual Induction
Density Neutron

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

Name	Top	Datum
Squirrel Sand	1386	Logs

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
Surface	14.25	10.75	27	40	Class A	50	Calcium Chl 95#
Intermediate	12	7	23	1200	pozmix 60/40	285	Gel 1110# pheno sea

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: 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:
☐ 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:
_____
_____

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Jones, Stephen C.
Well Name	J Birk 8A
Doc ID	1283786

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	14.25	10.75	27	40	Class A	50	Calcium Chl 95#
Intermediate	12	7	23	1200	pozmix 60/40	285	Gel 1110# pheno sea

Tucker ENERGY SERVICES

BOREHOLE VOLUME

CALIPER LOG

Company STEPHEN C. JONES
Well J BIRK #8A
Field WILDCAT
County COFFEY
State KANSAS
Country USA
API No. 15-031-24177-01-00

File No : TUL-60728
Company : STEPHEN C. JONES
Well : J BIRK #8A
Field : WILDCAT
County : COFFEY
State : KANSAS
Country : USA
API No : 15-031-24177-01-00

Location :
2100' FNL 1490' FWL
NW SW SE NW

LSD : **Sect :** 28 **Twp :** 22S **Rge :** 14E

Permanent Datum:	GL	Elevations:			Services:
Drilling Measured From:	GL	KB	0.00	Ft	CNT PIT
Log Measured From:	GL	DF	0.00	Ft	LDT
Above Permanent Datum:	0.00 Ft	GL	1119.00	Ft	MLT

Date	09-24-2015			
Run Number	1			
Depth--Driller	1486.0	Ft		
Depth--Logger	1486.0	Ft		
First Reading	1454.0	Ft		
Last Reading	40.0	Ft		
Casing--Driller	40.0	Ft		
Casing--Logger	40.0	Ft		
Bit Size	9.875	In		
Casing Size	10.750	In		
Hole Fluid Type	WBM			
Density	9.4			
Fluid Loss	11.8			
PH/Viscosity	10.2	46.0		
Sample Source	MEASURED			
RM@Measured Temp.	2.000	@ 75 F		
RMF@Measured Temp	1.600	@ 75 F		
RMC@Measured Temp.	2.400	@ 75 F		
Source RMF/RMC	CALCULATED	CALCULATED		
RM@BHT	0.000	@ 88 F		
Time Circulation Stopped	09-24-2015 17:30			
Max Recorded Temp.	88	F		
Equipment/Base	1022	TULSA, OK		
Recorded By	SHELDON TYLER			
Witnessed By				

Bitsize Intervals

Size (In)	Bottom (Ft)
9.875	1486.00

Casing Strings

Size (In)	Weight (Lbs)	Bottom (Ft)	Top (Ft)
10.750	40.00	32.00	0.00

Run Number	1
Date	09-24-2015
Date/Time On Bottom	09-24-2015 20:30
Depth to Fluid	0.0 Ft
Salinity	680.000
RMF@BHT	0.000 @ 88 F
RMC@BHT	0.000 @ 88 F

Run Number 1

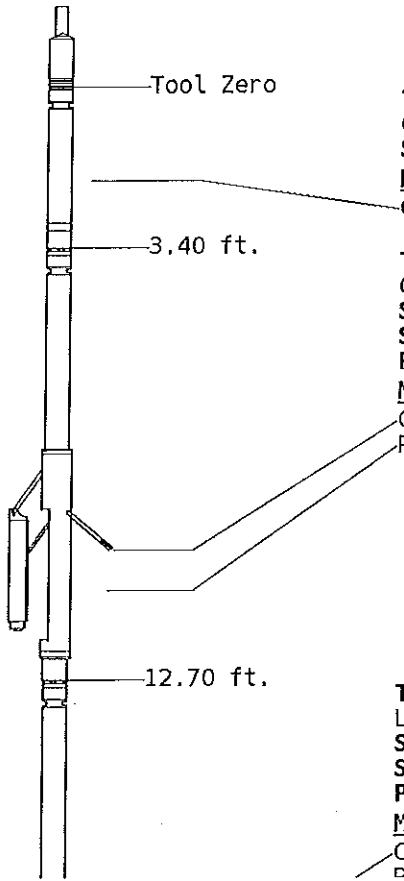
GRT, CNT, LDT, CST, MLT AND PIT RUN IN COMBINATION
CALIPERS ORIENTED ON X-Y AXIS
2.71 G/CC USED TO CALCULATE POROSITY
ANNULAR HOLE VOLUME CALCULATED USING 7.0" PRODUCTION CASING
PHIN IS CALIPER CORRECTED

GRT: GRP, GRX
CST: PORS, CDTF, TTIPF, TT2PF, TT3PF, TT4PF, ITT
CNT: PHIN, CLCNIN, PHXN
LDT: PORL, LCORN, PECLN, LDENN, PORLLS, CLLDIN, PRXL, PECLX, LDENNX, LCORX
MLT: NOR_RF, INV_RF, MSCLPIN
PIT: ILD, ILM, SPU, SFLAEC, CIRD

OPERATORS:
B.BROWN
J.McCANN

Tool String Schematic

Total Tool Length - 53.15 **ft.**
Maximum Outside diameter - 6.00 **in.**
Net Weight in Air - 943.00 **lbs.**



Tool: GRT-B **Length:** 3.40 **ft.** **O.D.** 3.60 **in.**
Gamma Ray Controller
Sonde ID :GRT-BA-121

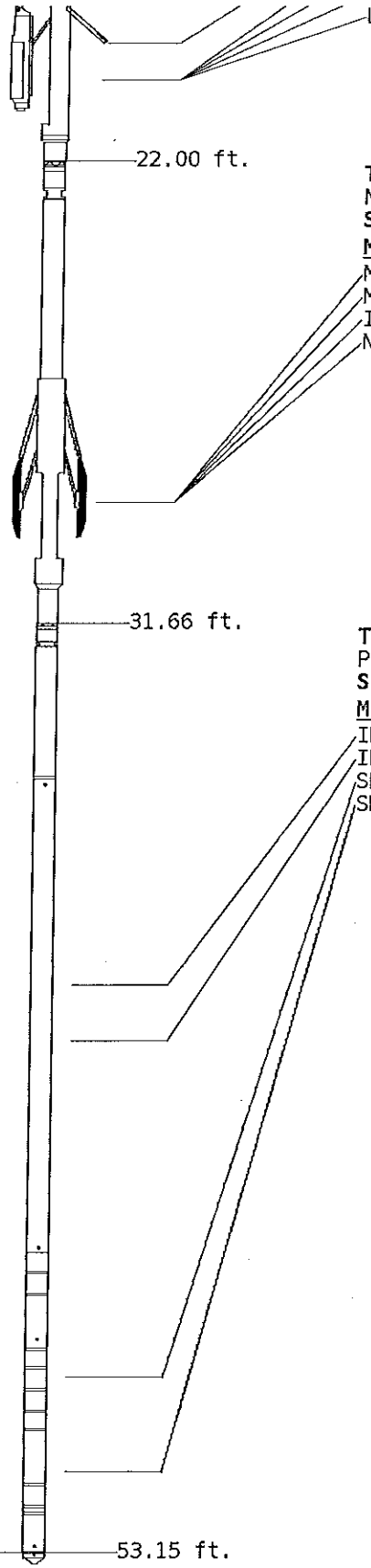
Measure Point	Tool Offset	Stack Offset	Bottom Offset
GRP	2.00	2.00	51.15

Tool: CNT-AA **Length:** 9.30 **ft.** **O.D.** 4.36 **in.**
Compensated Neutron A Pad on NDT-A
Sonde ID :NDT-BB-122
Source ID :N-1044
Pad ID :CNP-AA-115

Measure Point	Tool Offset	Stack Offset	Bottom Offset
CLCN	6.00	9.40	43.75
PHIN	6.80	10.20	42.95

Tool: LDT-DA **Length:** 9.30 **ft.** **O.D.** 4.80 **in.**
Litho Density D Pad on NDT-A
Sonde ID :PDT-GA-426
Source ID :CSV-587
Pad ID :LDP-DA-065

Measure Point	Tool Offset	Stack Offset	Bottom Offset
CLLD	6.00	18.70	34.45
PEL	7.00	19.70	33.45



LCOR	7.20	19.90	33.25

Tool: MST-DA **Length:** 9.66 **ft.** **O.D.** 6.00 **in.**
Micro Spherically Focused (IC)
Sonde ID :MLT-DA-21

Measure Point	Tool Offset	Stack Offset	Bottom Offset
MSFL	7.60	29.60	23.55
MSCLP	7.60	29.60	23.55
INV	7.60	29.60	23.55
NOR	7.60	29.60	23.55

Tool: PIT-CA **Length:** 21.49 **ft.** **O.D.** 3.62 **in.**
Phased Dual Induction w/ RM & D
Sonde ID :PIT-CA-075

Measure Point	Tool Offset	Stack Offset	Bottom Offset
ILD	8.92	40.58	12.56
ILM	10.10	41.76	11.39
SFLU	17.49	49.15	4.00
SP	20.60	52.26	0.88

Well File: JJ_LATERAL_BIRK_8A_SEP24_MSTK **Scale:** 1:240 **Format:** CAL-24(
Segment: V1.D1.S5 Reprocess of MAIN **Acquired:** 2015-09/24 21:01 3.4.0-1348
Reference: 0 **Processed:** 2015-09/24 21:41 3.4.0-1348

BIT SIZE INCHES (IN)	
6	16
Y CALIPER	

X CALIPER
INCHES (IN)

16 26
6 16

TENSION
LBS

10000 0

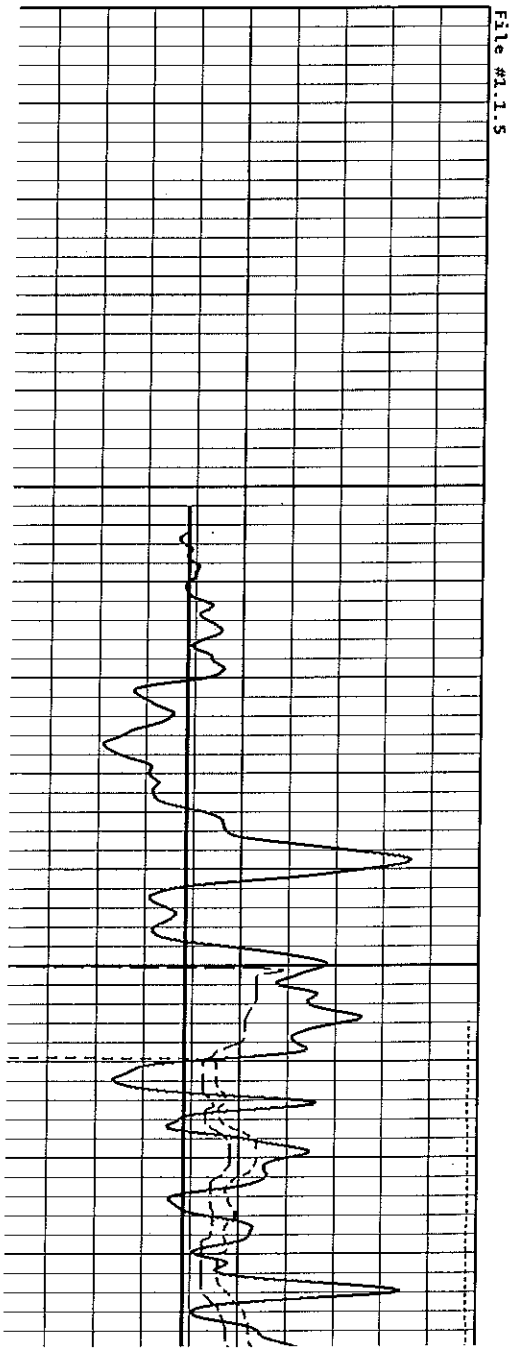
GAMMA RAY
API UNITS

150 300
0 150

BOREHOLE VOLUME
CU.FT

ANNULAR HOLE VOLUME
CU.FT.

1:240 MAIN SECTION



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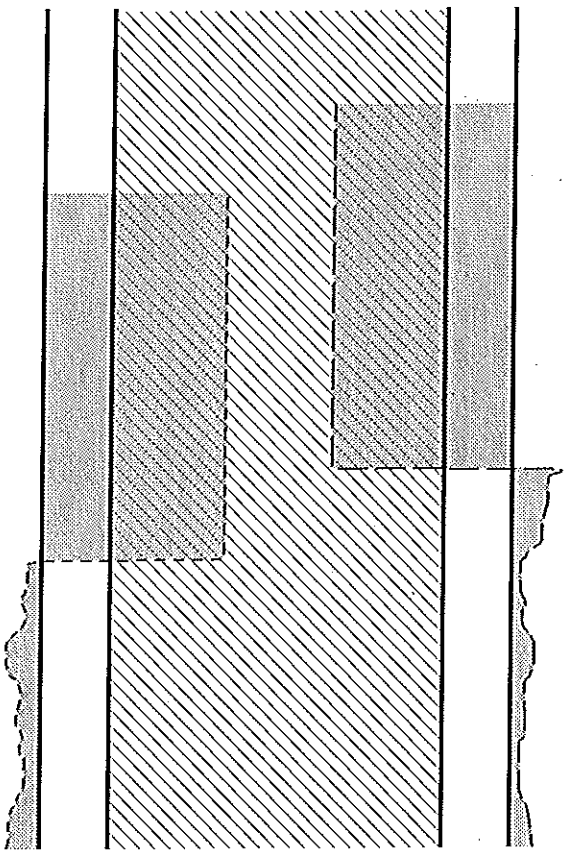
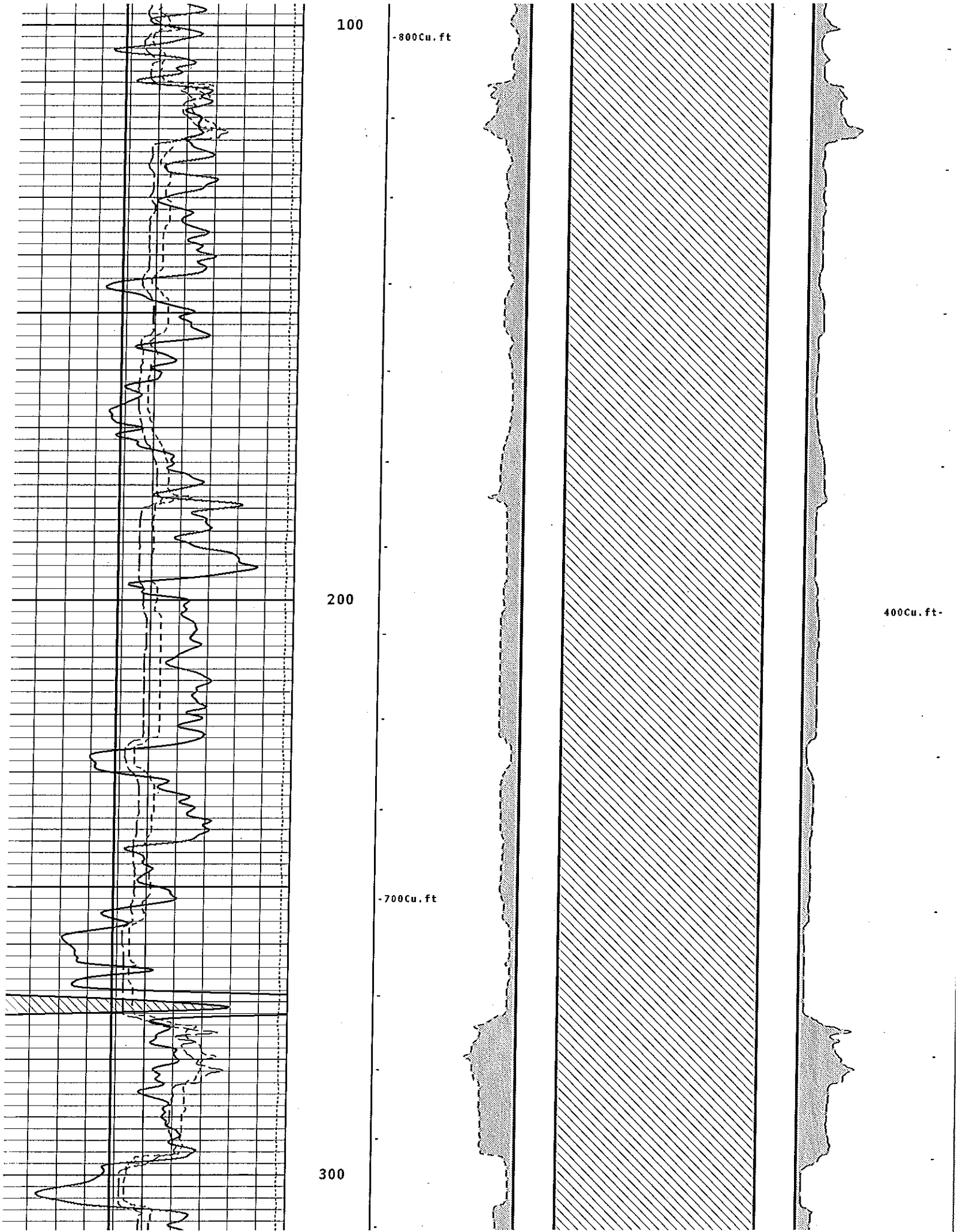
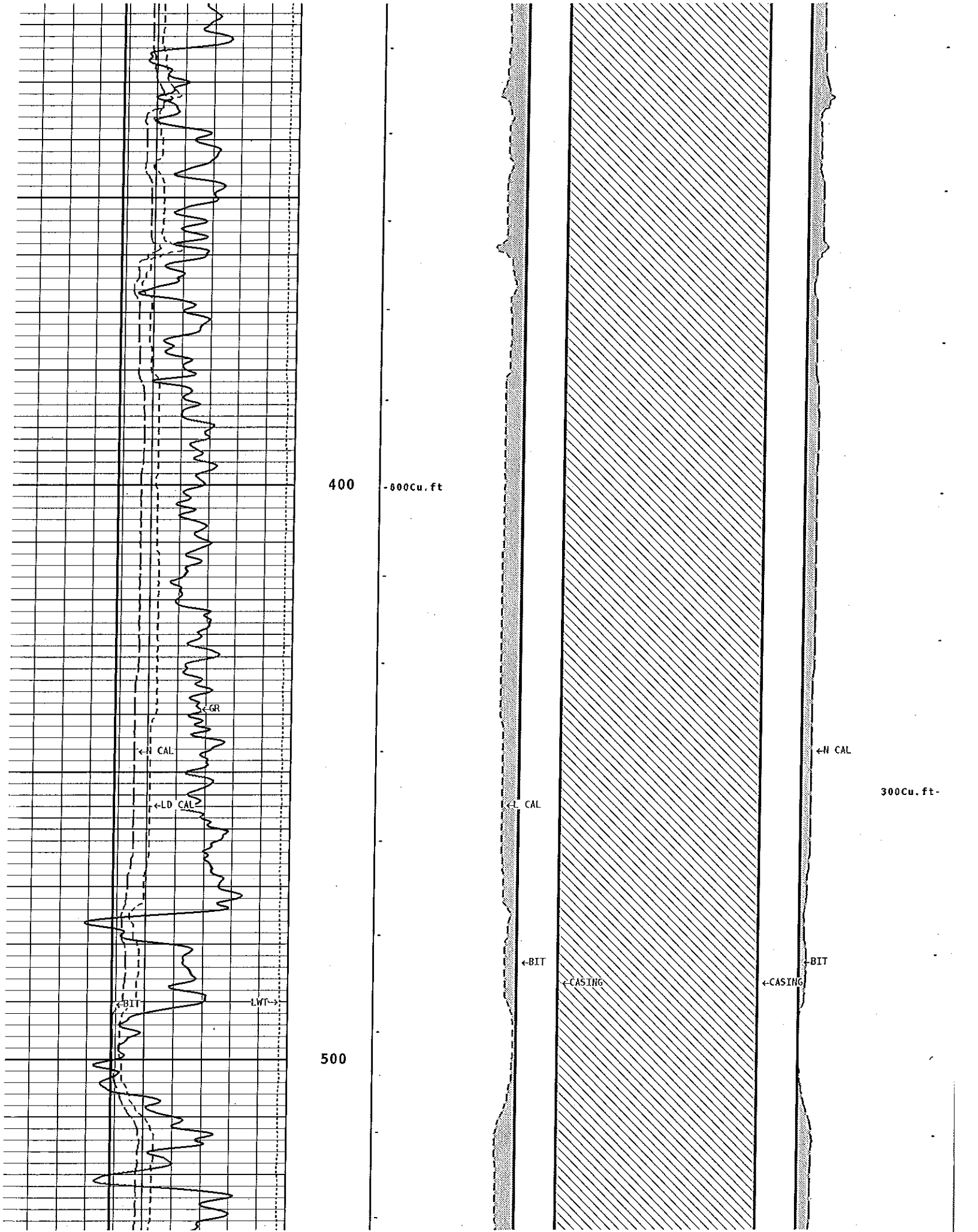
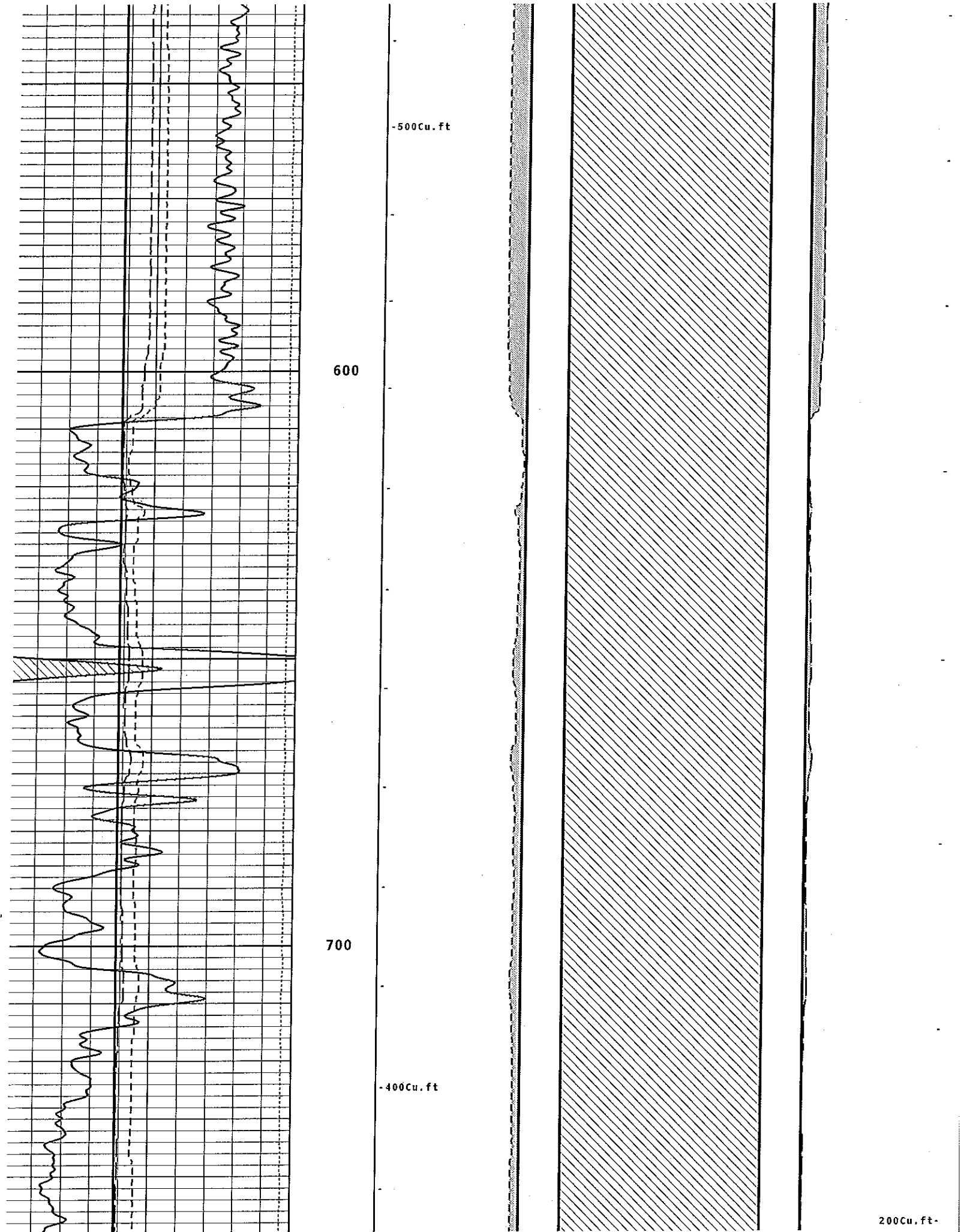
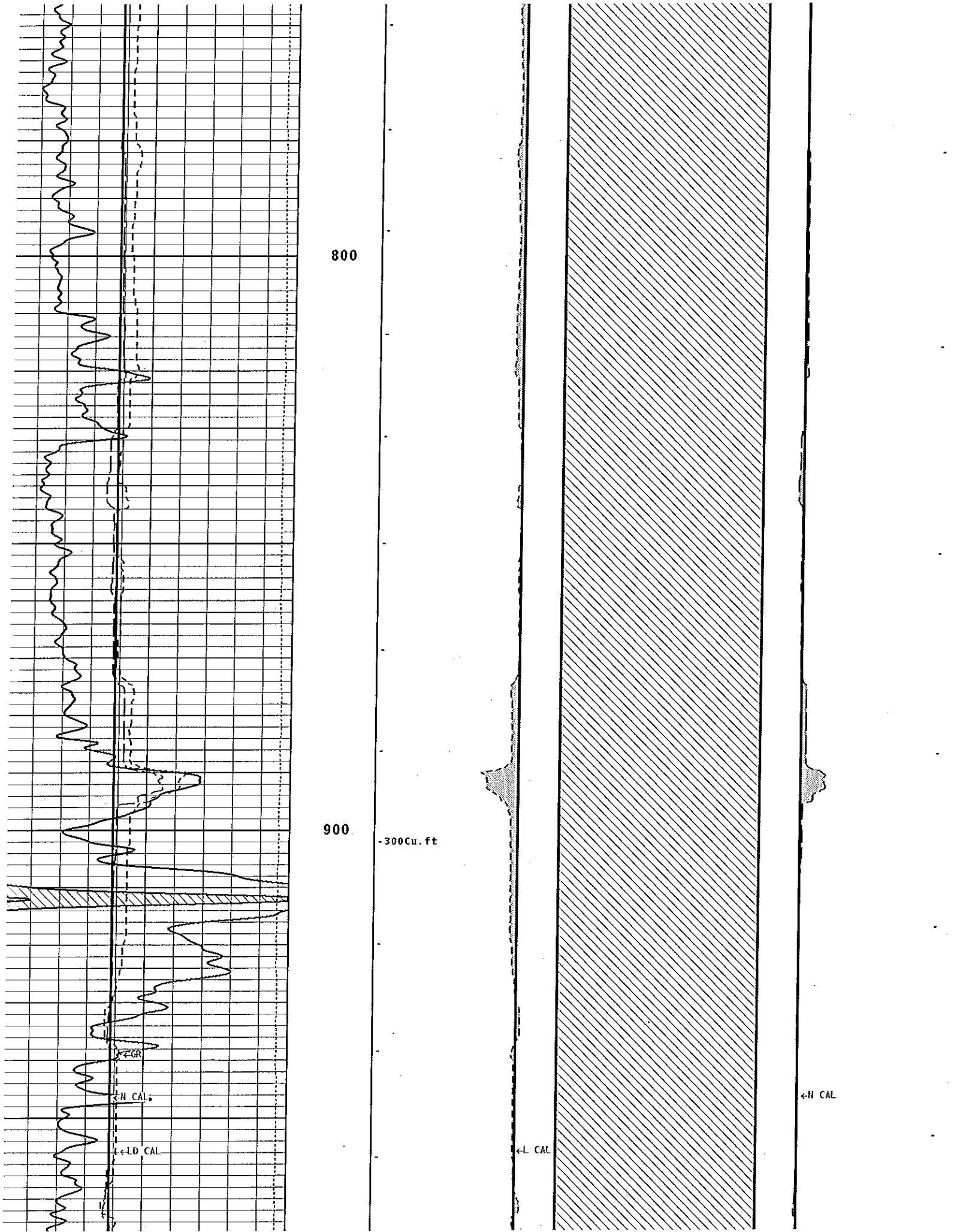
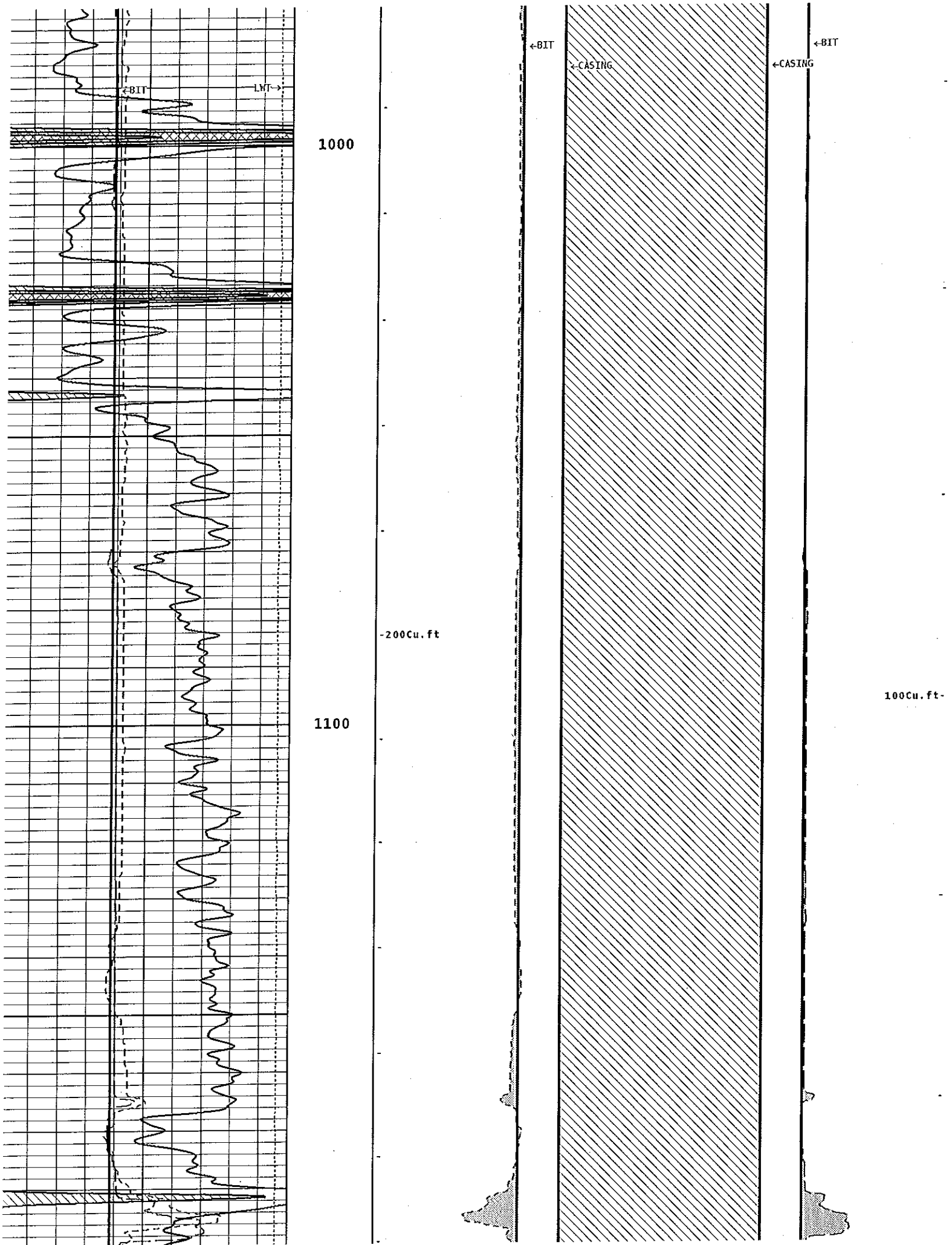


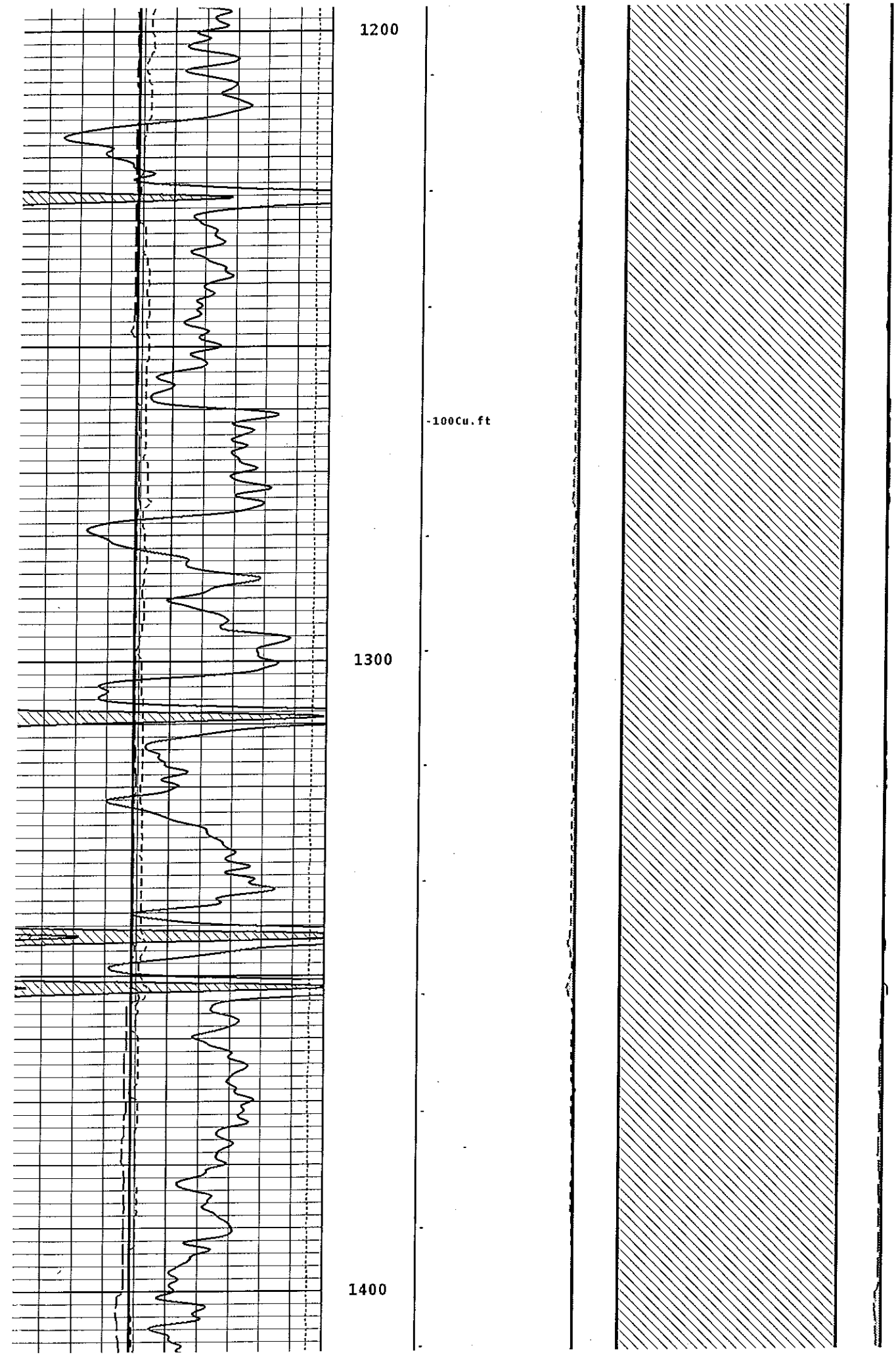

100
-800Cu.ft
200
400Cu.ft-
-700Cu.ft
300

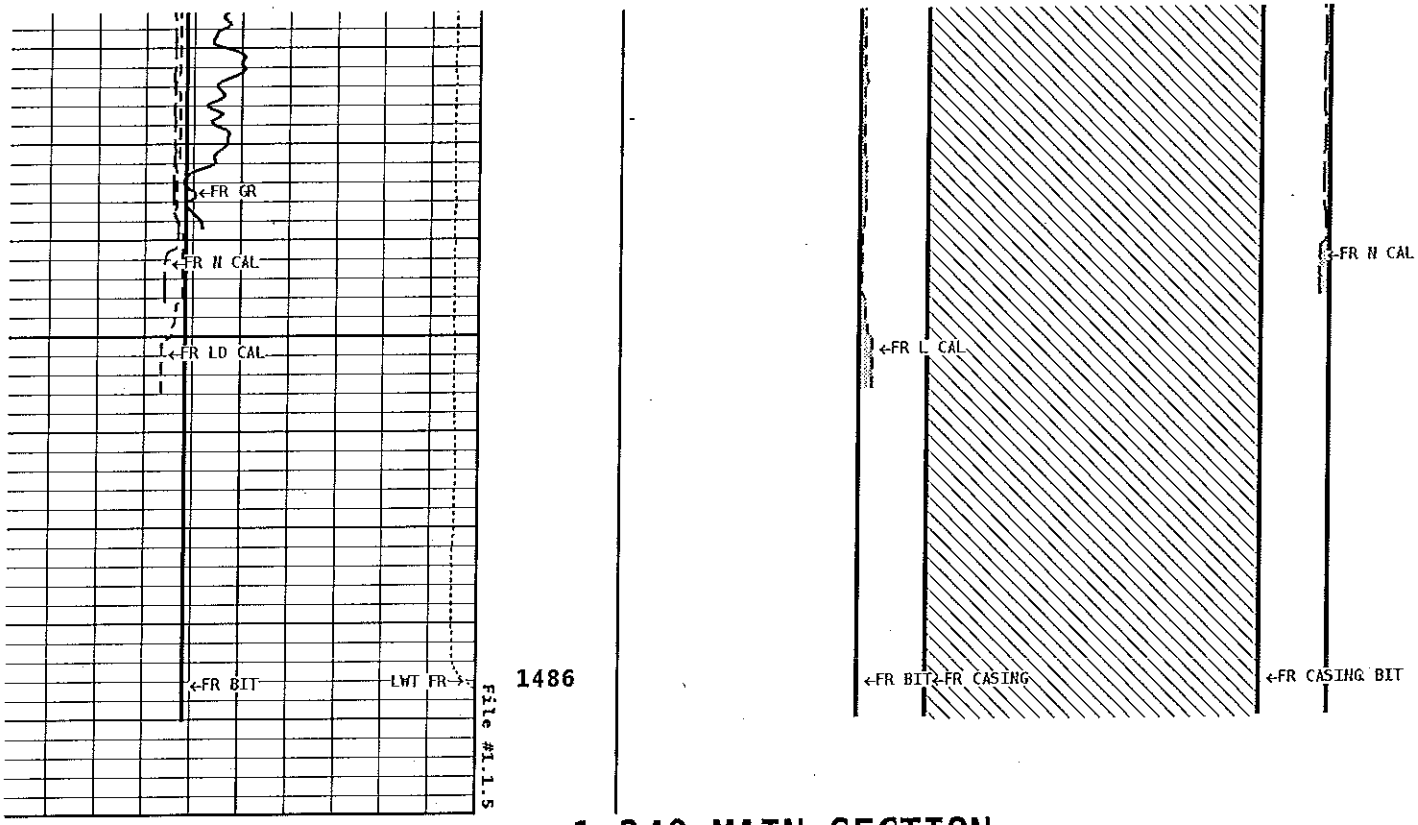

400
-600Cu.ft
←GR
←N CAL
←LD CAL
←BIT
LWT→
500
←L CAL
←BIT
←CASING
←N CAL
300Cu.ft-
←BIT
←CASING


-500Cu.ft
600
700
-400Cu.ft
200Cu.ft-


800
900
-300Cu.ft
←GR
←N CAL
L←LD CAL
←L CAL
←N CAL


←BIT
LWT→
1000
1100
-200Cu.ft
←BIT
←CASING
←CASING
←BIT
100Cu.ft-


1200
-100Cu.ft
1300
1400



1:240 MAIN SECTION

GAMMA RAY
API UNITS
150 300
0 150

TENSION
LBS
10000 0

X CALIPER
INCHES (IN)
16 26
6 16

Y CALIPER
INCHES (IN)
16 26
6 16

BIT SIZE
INCHES (IN)
6 16

BOREHOLE VOLUME CU.FT	ANNULAR HOLE VOLUME CU.FT.

* Borehole Zone Factors *

Zone 1 99999.0 to 0.0 Feet

Drill Bit Size	9.875 in
Casing Diameter	7.000 in

* Calibration Summary *

Performed : 19-May-2015 Time : 11:16
Sensor Suite : GR-GR5 ID : GRT-BA-121

	Measured Background	Measured Jig	Units	Calibrated Jig	Units
GR	43	343	CPS	175	GRAPI

Shop Calibration
CNT-AA

Performed : 14-SEP-2015 Time : 09:52
Sensor Suite : CALI-BCN ID : NDT-BB-122

	Jig - Measured Ring#1	Jig - Measured Ring#2	Jig - Calibrated Ring#1	Jig - Calibrated Ring#2	Units
CL # 1	8.9	13.6	6.0	12.0	IN.

Shop Calibration
LDT-DA

Performed : 14-SEP-2015 Time : 10:39
Sensor Suite : CALI-LTH ID : PDT-GA-426

	Jig - Measured Ring#1	Jig - Measured Ring#2	Jig - Calibrated Ring#1	Jig - Calibrated Ring#2	Units
CL # 1	7.8	11.5	6.0	12.0	IN.

Tucker ENERGY SERVICES

Company: STEPHEN C. JONES
Well: J BIRK #8A
Location: 2100' FNL 1490' FWL
Logged: 09-24-2015
K.B. Elev: 0.0 Ft

Elite Cementing & Acidizing of KS, LLC

810 E 7th, PO Box 92
Eureka, KS 67045

Date	Invoice #
9/28/2015	2550

Bill To
J&J Lateral Corp Steve Jones 2332 West New Orleans St. Broken Arrow, OK 74011

Customer ID#	1058

Job Date	9/25/2015
Lease Information	
J.Birk 8A	
County	Coffey
Foreman	RL

			Terms	Net 30
Item	Description	Qty	Rate	Amount
C102	Cement Pump-Longstring	1	1,050.00	1,050.00
C107	Pump Truck Mileage (one way)	40	3.95	158.00
C203	Pozmix Cement 60/40	215	12.75	2,741.25T
C206	Gel Bentonite	1,110	0.20	222.00T
C208	Pheno Seal	215	1.25	268.75T
C202	OWC Cement	60	19.15	1,149.00T
C208	Pheno Seal	120	1.25	150.00T
C108A	Ton Mileage (min. charge)	2	345.00	690.00
C692	7" Guide Shoe	1	265.00	265.00T
C113	80 Bbl Vac Truck	4	85.00	340.00
C224	City Water	3,000	0.01	30.00T
C405	7" Top Rubber Plug	1	83.00	83.00T
C505	7" Centralizer	3	53.00	159.00T
C605	7" Cement Basket	1	257.00	257.00T
C675	7" AFU Float Collar	1	450.00	450.00T

We appreciate your business!

Phone #	Fax #	E-mail
620-583-5561	620-583-5524	rene@elitecementing.com

Send payment to:
Elite Cementing & Acidizing of KS, LLC
PO Box 92
Eureka, KS 67045

Subtotal	$8,013.00
Sales Tax (6.5%)	$375.38
Total	$8,388.38
Payments/Credits	$0.00
Balance Due	$8,388.38

Longstring 7" casing

Elite Cementing & Acidizing of KS, LLC

810 E 7th, PO Box 92
Eureka, KS 67045

Date	Invoice #
9/28/2015	2546

Bill To
J&J Lateral Corp Steve Jones 2332 West New Orleans St. Broken Arrow, OK 74011

Customer ID#	1058

Job Date	9/21/2015
Lease Information	
J.Birk 8A	
County	Coffey
Foreman	RL

			Terms	Net 30
Item	Description	Qty	Rate	Amount
C101	Cement Pump-Surface	1	840.00	840.00
C107	Pump Truck Mileage (one way)	40	3.95	158.00
C200	Class A Cement-94# sack	50	15.00	750.00T
C205	Calcium Chloride	95	0.60	57.00T
C108A	Ton Mileage (min. charge)	1	345.00	345.00

We appreciate your business!

Phone #	Fax #	E-mail
620-583-5561	620-583-5524	rene@elitecementing.com

Send payment to:
Elite Cementing & Acidizing of KS, LLC
PO Box 92
Eureka, KS 67045

Subtotal	$2,150.00
Sales Tax (6.5%)	$52.46
Total	$2,202.46
Payments/Credits	-$1,421.61
Balance Due	$780.85

Surface Casing
Cement 10 3/4" casing

Precision Survey Report

Client	Steve Jones	**MWD Operator**	M. Barger
Well Name	J Birk #8A	**Rig Name**	Kan Rig #1
Location	Coffey County, Kansas	**End Date**	
Start Date	10/20/2015	**Proposed Direction**	315
North Reference	GRID	**Declination**	**1.24**

SUR NUM	MD ft	INC º	AZM º	TVD ft	N-S ft	E-W ft	SECT ft	DLS º/100'
TIE IN	1206	5.4	96.9	1202.00	0.00	0.00	0.00	0.0
1	1217	6.9	100.6	1212.94	-0.18	1.16	-0.95	14.1
2	1227	7.6	100.9	1222.86	-0.42	2.40	-2.00	7.0
3	1238	7.9	100.6	1233.76	-0.70	3.86	-3.22	2.8
4	1248	2.6	92.8	1243.71	-0.83	4.76	-3.96	53.4
5	1258	4.7	284.8	1253.70	-0.74	4.59	-3.77	72.6
6	1270	9.5	281.3	1265.61	-0.42	3.15	-2.52	40.1
7	1280	18.4	280.0	1275.30	0.02	0.78	-0.54	89.0
8	1290	25.8	286.2	1284.56	0.90	-2.87	2.67	77.5
9	1301	29.5	292.9	1294.31	2.62	-7.67	7.28	43.9
10	1311	34.2	305.7	1302.81	5.22	-12.23	12.34	82.1
11	1333	36.4	313.4	1320.77	13.32	-22.00	24.97	22.5
12	1343	38.1	315.0	1328.73	17.54	-26.33	31.03	19.6
13	1353	40.5	314.7	1336.47	22.01	-30.82	37.36	24.1
14	1365	42.3	314.0	1345.47	27.56	-36.50	45.29	15.5
15	1375	45.1	313.4	1352.70	32.33	-41.49	52.20	28.3
16	1385	47.4	312.4	1359.61	37.24	-46.79	59.42	24.1
17	1396	49.4	312.0	1366.92	42.77	-52.88	67.63	18.4
18	1406	55.8	313.3	1372.99	48.15	-58.72	75.57	64.8
19	1412	59.7	314.3	1376.19	51.66	-62.38	80.64	66.5
20	1428	68.0	315.5	1383.23	61.80	-72.54	94.99	52.3
21	1438	76.2	315.5	1386.30	68.58	-79.20	104.50	82.0
22	1448	82.4	316.6	1388.16	75.65	-86.02	114.32	62.9
23	1460	85.4	317.5	1389.44	84.38	-94.15	126.24	26.1
24	1475	89.2	319.1	1390.14	95.57	-104.11	141.19	27.5
25	1491	89.7	319.8	1390.30	107.72	-114.51	157.14	5.4
26	1523	89.4	320.6	1390.55	132.31	-135.00	189.01	2.7
27	1555	87.3	320.6	1391.47	157.02	-155.30	220.84	6.6
28	1587	87.6	320.8	1392.89	181.76	-175.55	252.65	1.1

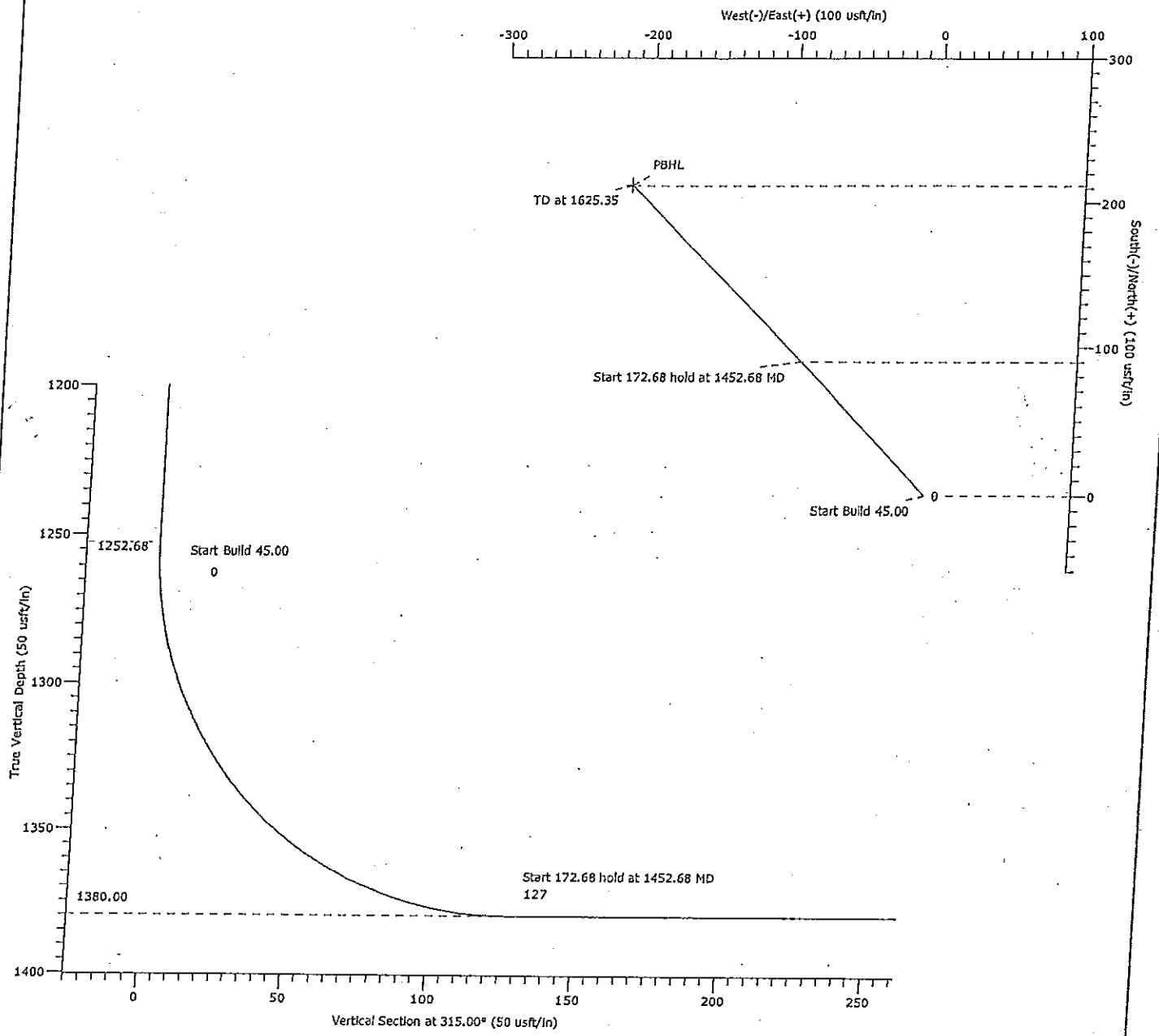
Precision Survey Report

Client	Steve Jones	**MWD Operator**	M. Barger
Well Name	J Birk #8A	**Rig Name**	Kan Rig #1
Location	Coffey County, Kansas	**End Date**	
Start Date	10/20/2015	**Proposed Direction**	315
North Reference	GRID	**Declination**	**1.24**

SUR NUM	MD ft	INC º	AZM º	TVD ft	N-S ft	E-W ft	SECT ft	DLS º/100'
29	1619	87.8	320.6	1394.18	206.50	-195.80	284.47	0.9
30	1650	88.2	320.1	1395.26	230.36	-215.57	315.32	2.1
31	1682	88.7	319.6	1396.12	254.81	-236.19	347.19	2.2
32	1714	89.6	320.1	1396.60	279.26	-256.82	379.07	3.2
PTB	1755	89.6	320.1	1396.88	310.72	-283.12	419.91	0.0

STEPHEN C. JONES
Project: Coffey County
Site: J Birk
Well: #8A
Wellbore: Original Hole
Design: Plan #1

Precision Directional Services



WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W
PBHL	1380.00	212.13	-212.13

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	1252.68	0.00	0.00	1252.68	0.00	0.00	0.00	0.00	0.00	
3	1452.68	90.00	315.00	1380.00	90.03	-90.03	45.00	315.00	127.32	
4	1625.35	90.00	315.00	1380.00	212.13	-212.13	0.00	0.00	300.00	PBHL

Plan: Plan #1 (#8A/Original Hole)
Created By: Tony LeRoux Date: 12:57, July 17 2015