



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
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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: _____



1048050

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
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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				

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
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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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Ryersee 1-SW2
Doc ID	1048050

Tops

Name	Top	Datum
Anhydrite	1361	+799
Heebner	3598	-1438
Lansing	3643	-1483
BKC	3960	-1800
Pawnee	4048	-1888
Ft. Scott	4108	-1948
Cherokee	4124	-1964
Mississippian	4193	-2033
LTD	4211	-2051



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc
 P O Box 399
 Garden City Ks 67846
 ATTN: Cecil O'Brate

Ryersee #1-SW2
2-19s-21w Ness
 Job Ticket: 37157 **DST#: 1**
 Test Start: 2010.01.20 @ 22:28:55

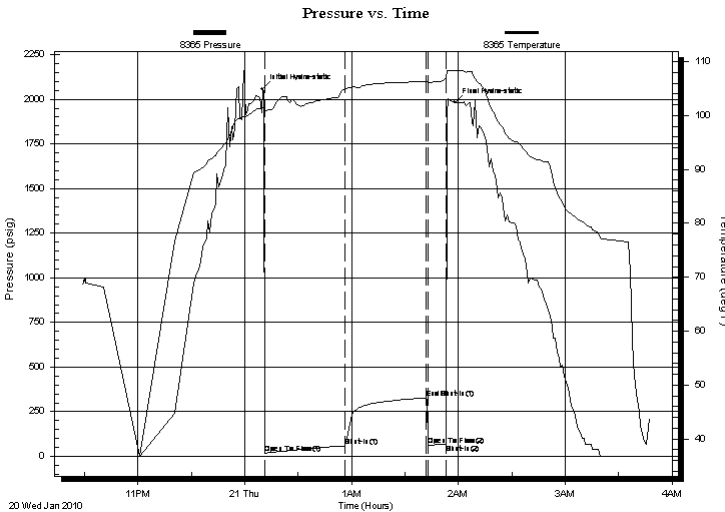
GENERAL INFORMATION:

Formation: **Cher Sd**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:11:20
 Time Test Ended: 03:47:19
 Interval: **4090.00 ft (KB) To 4145.00 ft (KB) (TVD)**
 Total Depth: 4145.00 ft (KB) (TVD)
 Hole Diameter: 7.85 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: Ray Schwager
 Unit No: 42
 Reference Elevations: 2160.00 ft (KB)
 2154.00 ft (CF)
 KB to GR/CF: 6.00 ft

Serial #: 8365 Inside
 Press @ Run Depth: 58.78 psig @ 4124.01 ft (KB) Capacity: 8000.00 psig
 Start Date: 2010.01.20 End Date: 2010.01.21 Last Calib.: 2010.01.21
 Start Time: 22:28:55 End Time: 03:47:19 Time On Btm: 2010.01.21 @ 00:09:50
 Time Off Btm: 2010.01.21 @ 01:57:50

TEST COMMENT: IFP-w k bl thru-out 1/4" to 1 1/2" bl
 FFP-no bl to surface bl
 Times 45-45-10- out
 no bl on shut-in

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2057.47	101.52	Initial Hydro-static
2	17.18	100.99	Open To Flow (1)
47	58.78	104.96	Shut-In(1)
92	327.34	106.35	End Shut-In(1)
93	61.93	106.29	Open To Flow (2)
103	68.69	106.90	Shut-In(2)
108	1981.47	108.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
115.00	MW 40%M60%W w /show of oil	0.57

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
P O Box 399
Garden City Ks 67846
ATTN: Cecil O'Brate

Ryersee #1-SW2
2-19s-21w Ness
Job Ticket: 37157 **DST#: 1**
Test Start: 2010.01.20 @ 22:28:55

Mud and Cushion Information

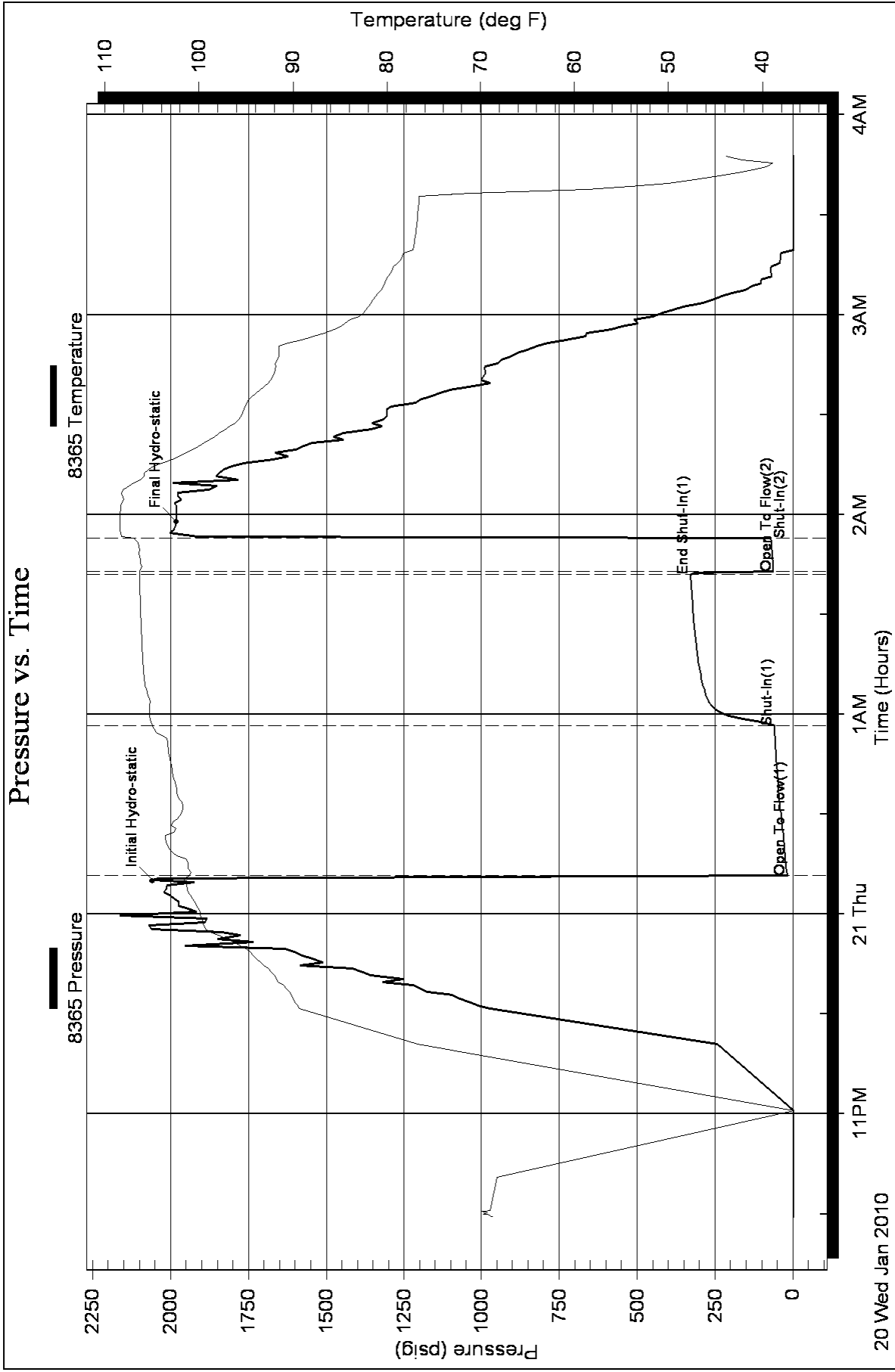
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	32000 ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.96 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4700.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
115.00	MW 40%M60%W w/show of oil	0.566

Total Length: 115.00 ft Total Volume: 0.566 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: RW .3 @ 50F





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior Inc
 P O Box 399
 Garden City Ks 67846
 ATTN: Cecil O'Brate

Ryersee #1-SW2
2-19s-21w Ness
 Job Ticket: 37158 **DST#: 2**
 Test Start: 2010.01.21 @ 14:59:01

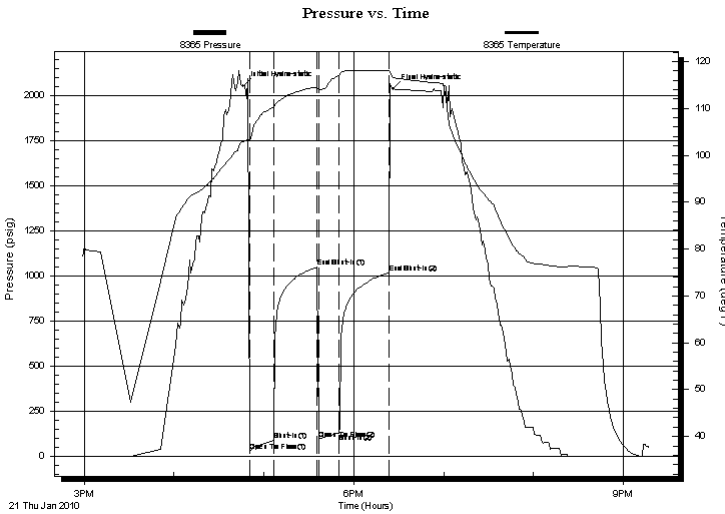
GENERAL INFORMATION:

Formation: **Miss**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 16:50:26
 Time Test Ended: 21:17:55
 Interval: **4196.00 ft (KB) To 4210.00 ft (KB) (TVD)**
 Total Depth: 4210.00 ft (KB) (TVD)
 Hole Diameter: 7.85 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: Ray Schwager
 Unit No: 42
 Reference Elevations: 2160.00 ft (KB)
 2154.00 ft (CF)
 KB to GR/CF: 6.00 ft

Serial #: 8365 Inside
 Press @ Run Depth: 130.05 psig @ 4197.01 ft (KB) Capacity: 8000.00 psig
 Start Date: 2010.01.21 End Date: 2010.01.21 Last Calib.: 2010.01.21
 Start Time: 14:59:01 End Time: 21:17:55 Time On Btm: 2010.01.21 @ 16:46:26
 Time Off Btm: 2010.01.21 @ 18:26:26

TEST COMMENT: IFP-w k to strg in 7 min
 FFP-w k to strg in 9 min
 Times 15-30-15-30
 ISIP-1"bl bk , FSIP-1/4"bl bk

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2051.18	103.01	Initial Hydro-static
4	26.21	103.18	Open To Flow (1)
20	87.88	110.23	Shut-In(1)
49	1048.03	114.51	End Shut-In(1)
50	96.46	114.12	Open To Flow (2)
64	130.05	117.08	Shut-In(2)
97	1018.10	118.07	End Shut-In(2)
100	2035.44	116.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	360'GIP	0.00
205.00	CO	1.78
100.00	MGO 15%G10%M75%O	1.40
25.00	O&GCM 10%G25%O65%M	0.35

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
P O Box 399
Garden City Ks 67846
ATTN: Cecil O'Brate

Ryersee #1-SW2
2-19s-21w Ness
Job Ticket: 37158 **DST#: 2**
Test Start: 2010.01.21 @ 14:59:01

Mud and Cushion Information

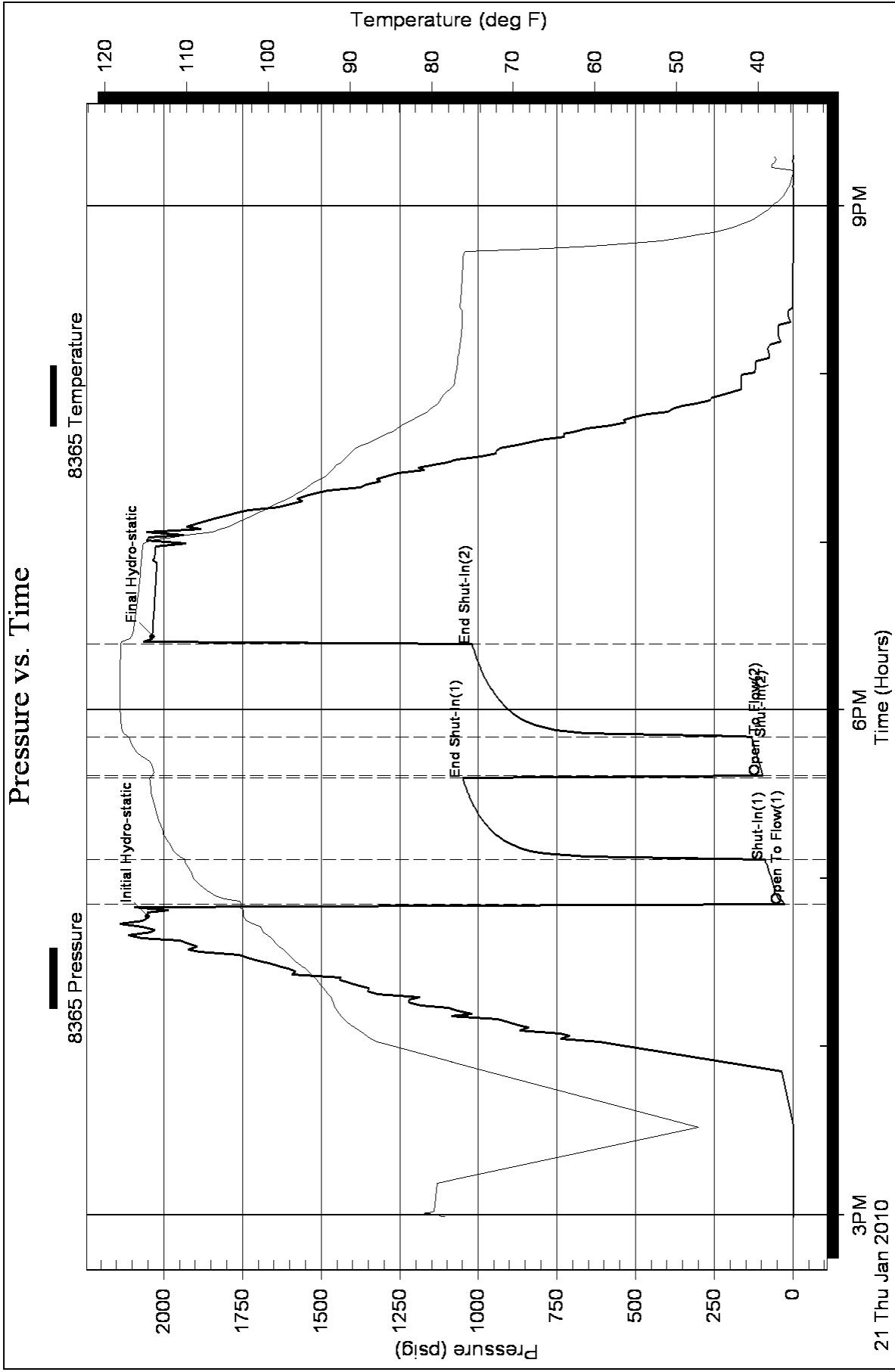
Mud Type: Gel Chem	Cushion Type:	Oil API: 38 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 56.00 sec/qt	Cushion Volume: bbl	
Water Loss: 8.36 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 4800.00 ppm		
Filter Cake: 2.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	360'GIP	0.000
205.00	CO	1.782
100.00	MGO 15%G10%M75%O	1.403
25.00	O&GCM 10%G25%O65%M	0.351

Total Length: 330.00 ft Total Volume: 3.536 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:



Geological Report

American Warrior, Inc.
Ryersee #1-SW2
2570' FNL & 1650' FWL
Sec. 2 T19s R21w
Ness County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Ryersee #1-SW2
2570' FNL & 1650' FWL
Sec. 2 T19s R21w
Ness County, Kansas
API # 15-135-245015-0000

Drilling Contractor: Petromark Drilling, LLC Rig #1

Geologist: Jason Alm

Spud Date: January 14, 2009

Completion Date: January 22, 2009

Elevation: 2154' Ground Level
2160' Kelly Bushing

Directions: Bazine KS, East on Hwy 96 to HH road, 2½ mi.
South on HH road, East into location.

Casing: 214' 8 5/8" surface casing
4210' 5 1/2" production casing

Samples: 10' wet and dry, 3500' to RTD

Drilling Time: 3500' to RTD

Electric Logs: Log-Tech, Inc. "Kenyon Bange"
CNL/CDL, DIL

Drillstem Tests: Two, Trilobite Testing, Inc. "Tyson Flax"

Problems: None

Remarks: During DST #1 of the Cherokee Sand, very weak
blow resulted in the test being pulled during Final
Flow.

Formation Tops

Formation	American Warrior, Inc.
	Ryersee #1-SW2
	Sec. 2 T19s R21w
	2570' FNL & 1650' FWL
Anhydrite	1361', +799
Base	1393', +767
Heebner	3598', -1438
Lansing	3643', -1483
BKc	3960', -1800
Pawnee	4048', -1888
Fort Scott	4108', -1948
Cherokee	4124', -1964
Mississippian	4193', -2033
RTD	4210', -2050
LTD	4211', -2051

Sample Zone Descriptions

Cherokee Sand “A” (4142’, -1982): **Covered in DST #1**
 SS – Quartz, Clear, slightly frosted, fine grained, well rounded, poor cementation, well sorted, with fair inter-granular porosity, light scattered oil stain and saturation, slight show of free oil when broken, no odor, dull yellow fluorescents, 8 units hotwire.

Cherokee Sand “B” (4171’, -2011): **Not Tested**
 SS – Quartz, clear, fine to coarse grained, fairly sorted, sub-rounded, poorly cemented with fair to good inter-granular porosity, light to fair oil stain and saturation in porosity, good show of free oil, good cut fluorescents, no odor, 10 units hotwire.

Mississippian Osage (4193’, -2033): **Covered in DST #2**
 Dolo – Δ – Fine sucrosic crystalline with fair vuggy porosity, heavy triptolitic chert, heavily weathered, with good vuggy porosity, light to heavy oil stain and saturation, good show of free oil, bright yellow fluorescents, 65 units hotwire.

Drill Stem Tests
Trilobite Testing, Inc.
"Tyson Flax"

DST #1

Cherokee Sand "A"

Interval (4090' – 4145') Anchor Length 25'

IHP	– 2010 #	
IFP	– 45" – Built to 1½ in.	17-58 #
ISI	– 45" – Dead	327 #
FFP	– 10" – W.S.B.	61-68 #
FHP	– 1981 #	
BHT	– 106°F	

Recovery: 115' Oil spotted muddy water

DST #2

Mississippian Osage

Interval (4196' – 4210') Anchor Length 14'

IHP	– 2181 #	
IFP	– 15" – B.O.B. 7 min.	26-87 #
ISI	– 30" – Built to 1 in.	1048 #
FFP	– 15" – B.O.B. 9 min.	96-130 #
FSI	– 30" – Built to ¼ in.	1018#
FHP	– 2035 #	
BHT	– 123°F	

Recovery: 360' GIP
205' CGO
100' MGO 75% Oil
25' OGCM 25% Oil

Structural Comparison

	American Warrior, Inc. Ryersee #1-SW2 Sec. 2 T19s R21w 2570' FNL & 1650' FWL	John Jay Darrah Ryersee B #1 Sec. 2 T19s R21w C SE NW		Imperial Oil Company Ryersee #2 Sec. 2 T19s R21w NW SW NW	
Formation					
Anhydrite	1361', +799	NA	NA	1378', +799	FL
Base	1393', +767	NA	NA	1412', +765	(+2)
Heebner	3598', -1438	3584', -1441	(+3)	3623', -1446	(+8)
Lansing	3643', -1483	3628', -1485	(+2)	3666', -1489	(+6)
BKc	3960', -1800	NA	NA	NA	NA
Pawnee	4048', -1888	NA	NA	4077', -1900	(+12)
Fort Scott	4108', -1948	4098', -1955	(+7)	4138', -1961	(+13)
Cherokee	4124', -1964	4111', -1968	(+4)	4154', -1977	(+13)
Mississippian	4193', -2033	4182', -2039	(+6)	4231', -2054	(+17)

Summary

The location for the Ryersee #1-SW2 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. Two drill stem tests were conducted one of which recovered commercial amounts of oil from the Mississippian Osage Formation. After all gathered data had been thoroughly examined the decision was made to run 5½ inch production casing to further evaluate the Ryersee #1-SW2 well.

Recommended Perforations

Primary:

Mississippian Osage **(4193' – 4205')** **DST #2**

Secondary:

Cherokee "B" Sand **(4171' – 4178')** **Not Tested**

Respectfully Submitted,

Jason Alm
Hard Rock Consulting, Inc.

Company AMERICAN WARRIOR, INC.
Well RYERSEE NO. 1-SW2
Field RYERSEE
County NESS
State KANSAS

Company AMERICAN WARRIOR, INC.
Well RYERSEE NO. 1-SW2
Field RYERSEE
County NESS
State KANSAS

Location: 2570' FNL & 1650' FWL
API #: 15-135-25,015-00-00
Other Services
Permanent Datum GROUND LEVEL Elevation 2154
Log Measured From KELLY BUSHING 6' A.G.L.
Drilling Measured From KELLY BUSHING
Elevation
K.B. 2160
D.F.
G.L. 2154

Date	FEB. 9, 2010						
Run Number	ONE						
Depth Driller	4210						
Depth Logger	4209.5						
Bottom Logged Interval	4208						
Top Log Interval	2900						
Open Hole Size	WATER						
Type Fluid	WATER						
Density / Viscosity	120F						
Max. Recorded Temp.	3090						
Estimated Cement Top							
Time Well Ready							
Time Logger on Bottom	PT-06						
Equipment Number	HAYS						
Location	BOB KLAUS						
Recorded By	MR. SCOTT CORSAIR						
Witnessed By							
Borehole Record							
Run Number	Bit	From	To	Size	Weight	From	To
ONE	12.25	00	214				
TWO	7.875	214	4210				
Casing Record			Tubing Record				
Surface String	Size	Wgt/Ft	Top	Bottom			
Production String	8 5/8	23#	00	214			
Liner	5 1/2	15.5#	00				

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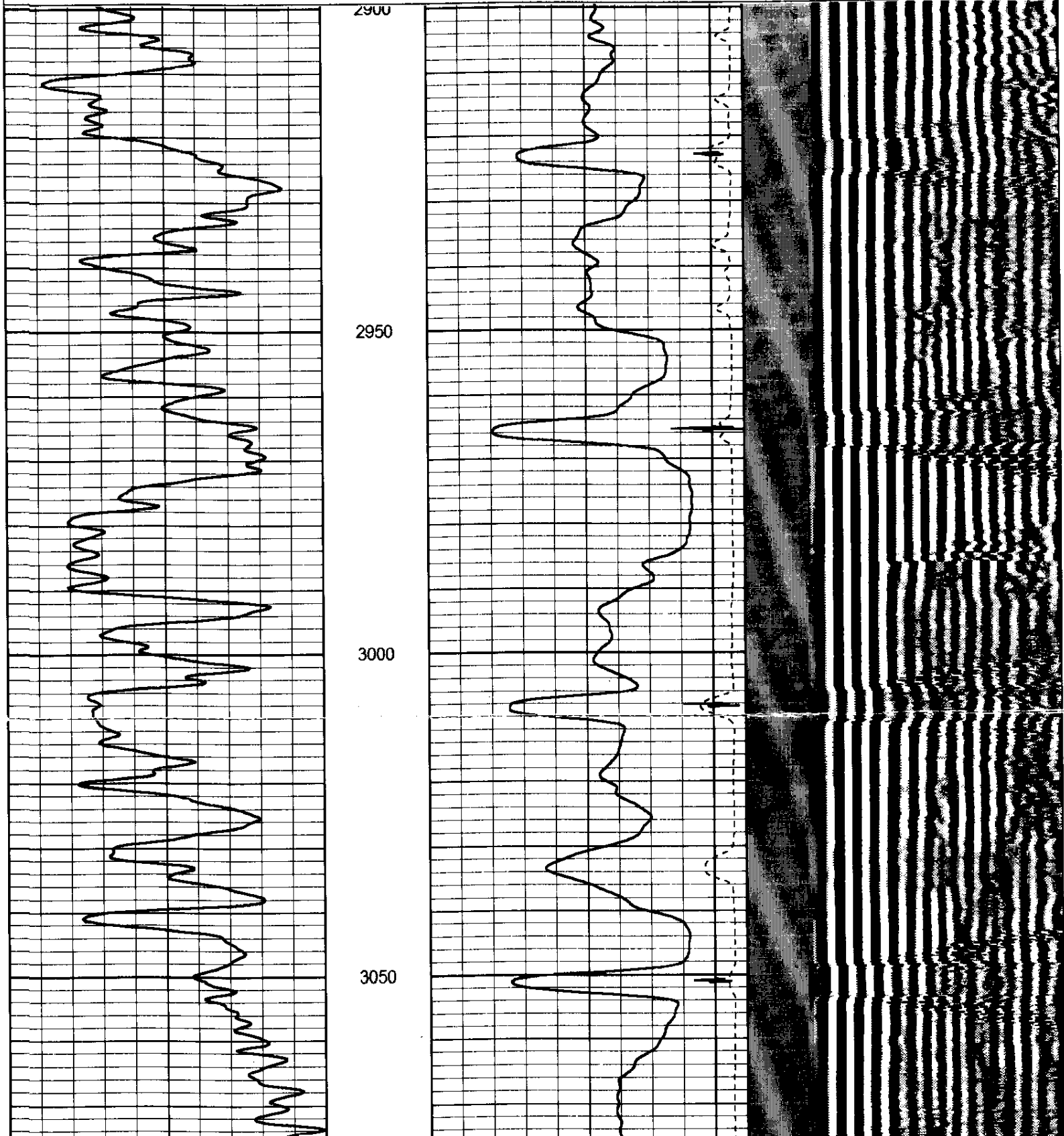
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

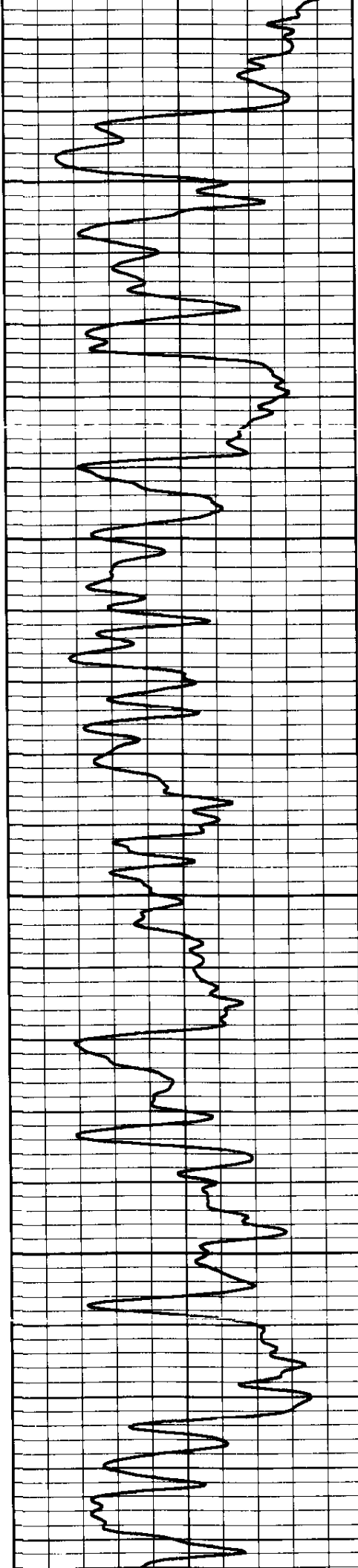
Comments

THANK YOU FOR USING
PERF-TECH WIRELINE SERVICES, INC.
785-628-3969

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Dataset Pathname: pass3
Presentation Format: 3x5
Dataset Creation: Tue Feb 09 08:30:44 2010 by Log Std Casedhole 07081
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150	0	3' AMPLITUDE (mV)	100	200	5' Variable Density	1100
			775	3' TRAVEL TIME (usec)	275			
			9	Collar Locator	-1			





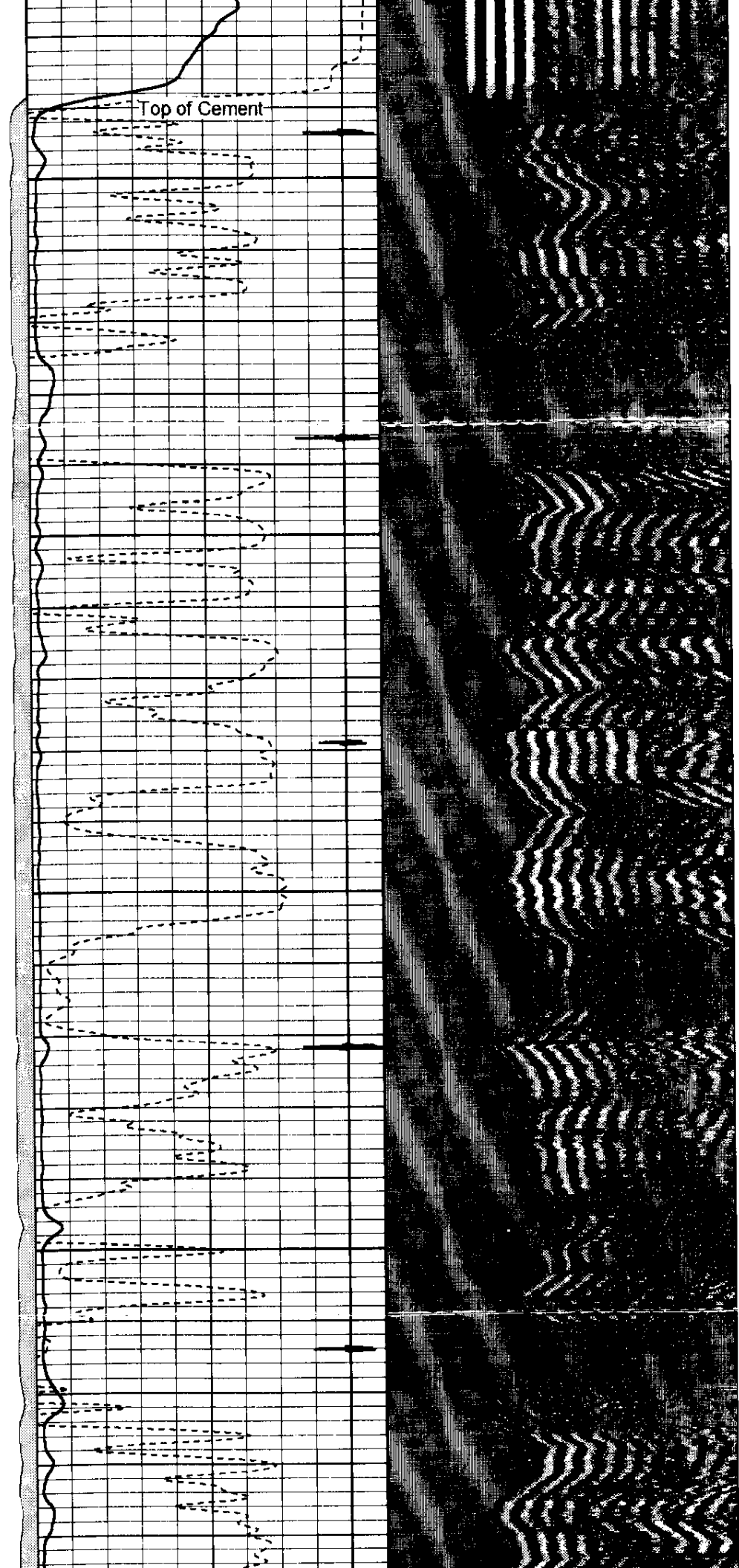
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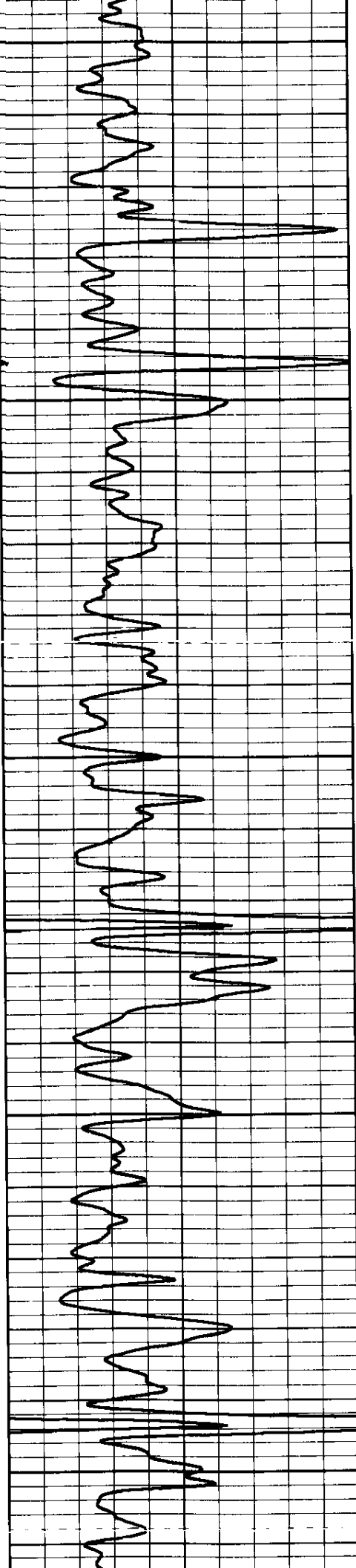
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3200

3250

Top of Cement





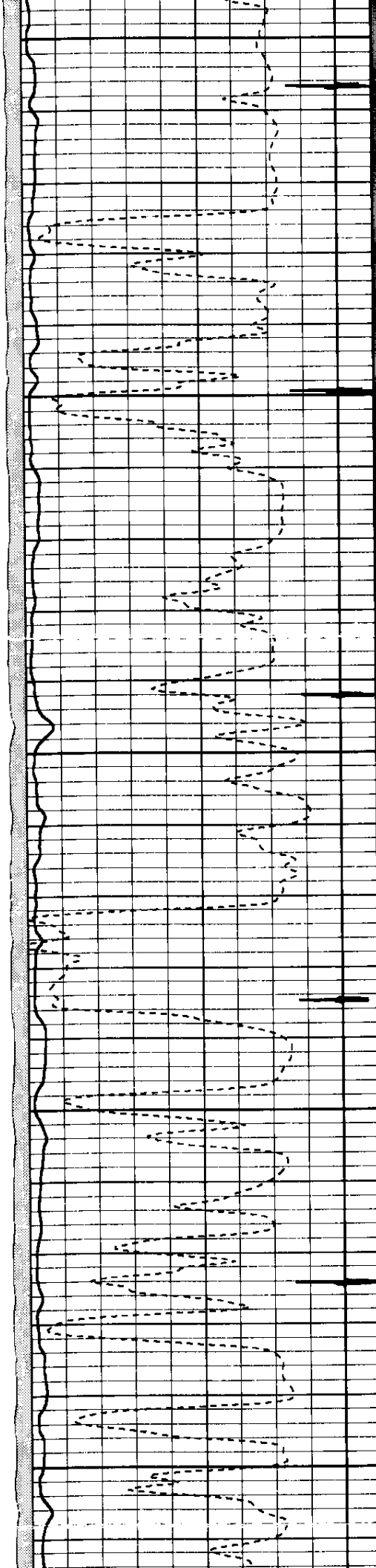
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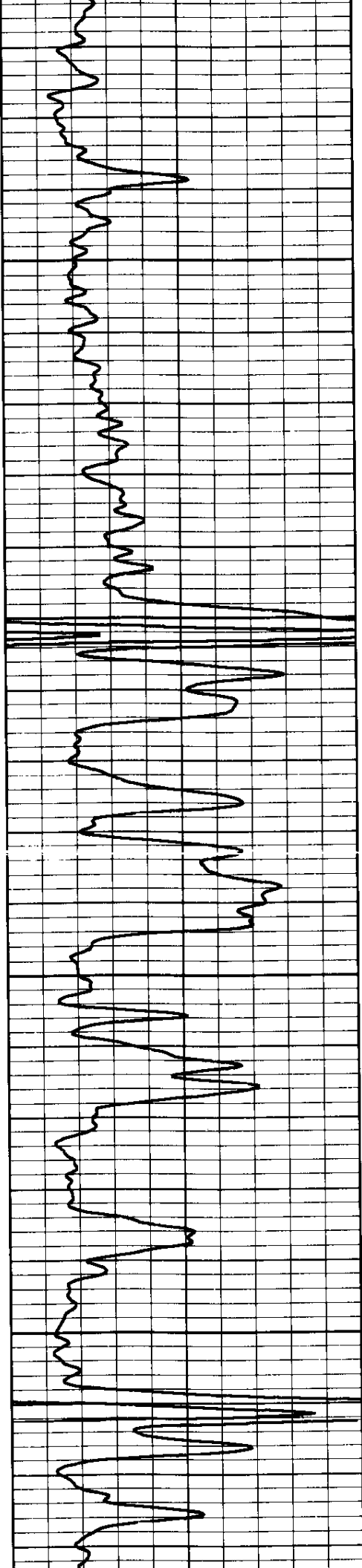
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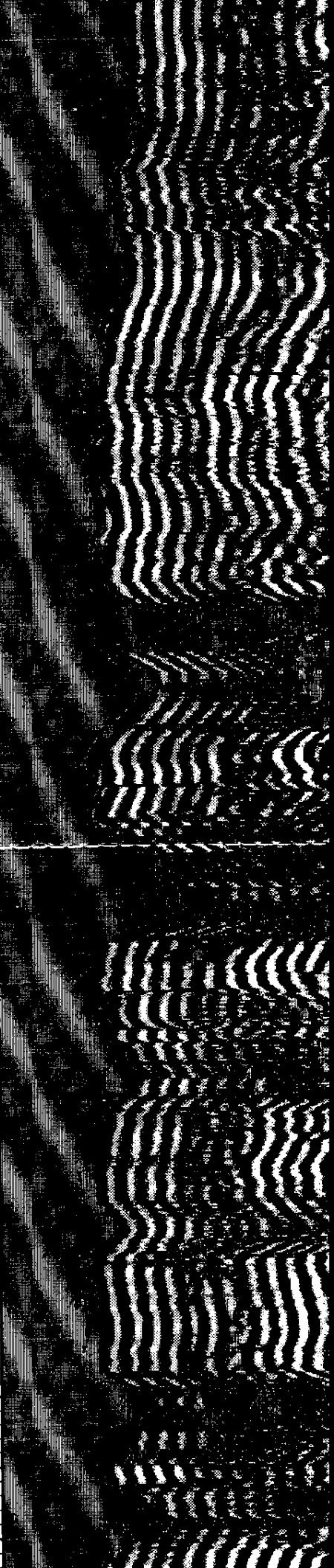
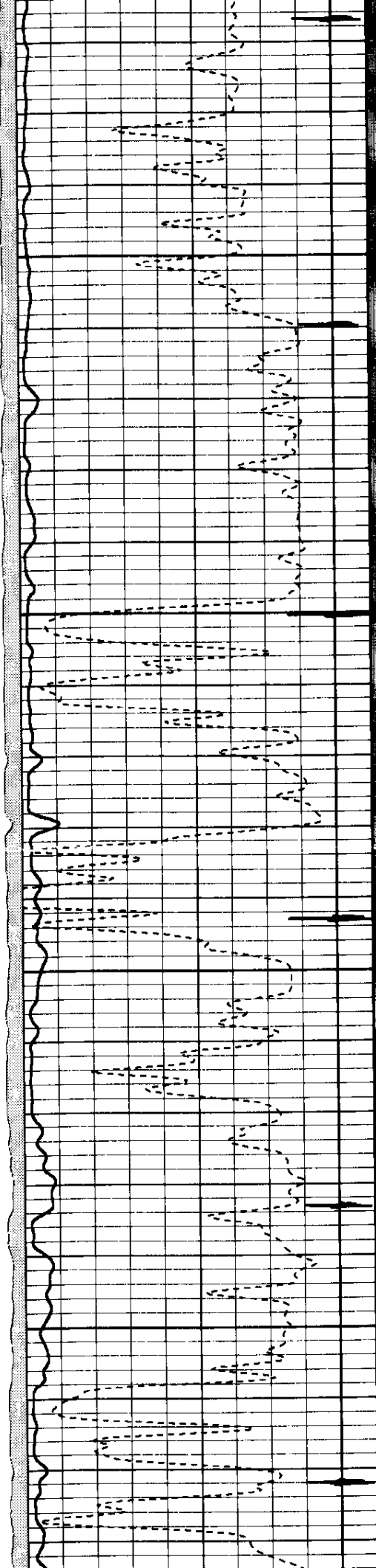


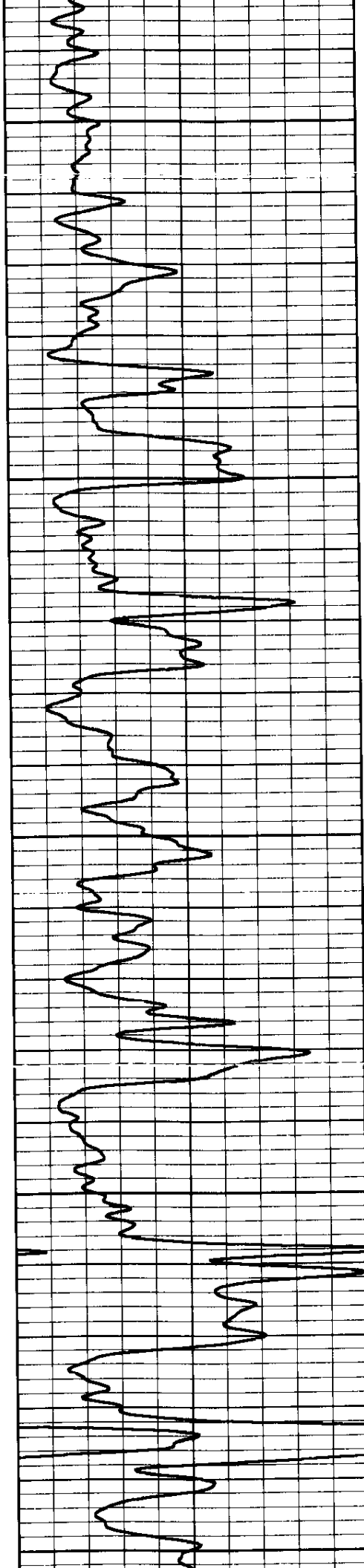
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3700





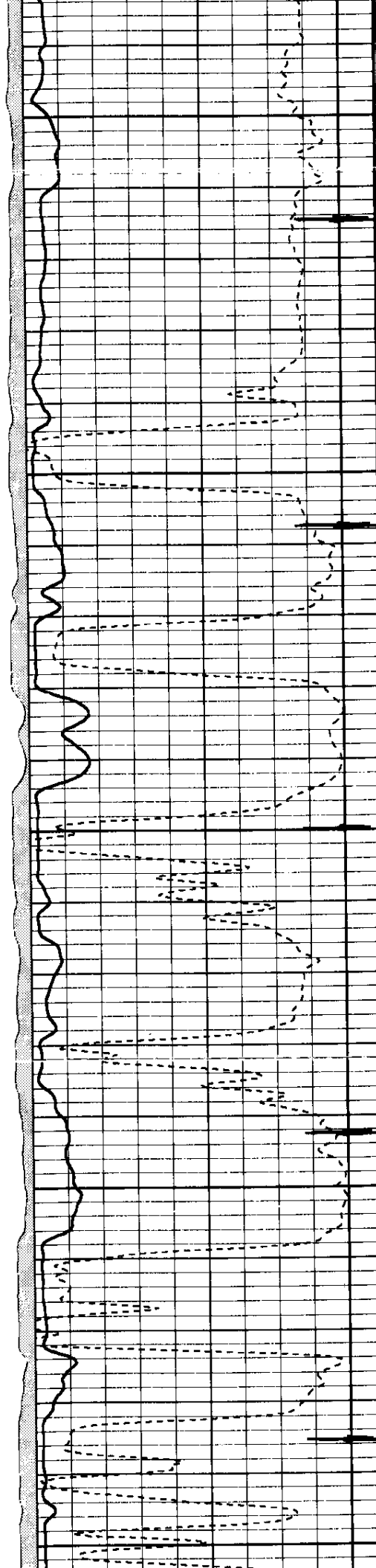
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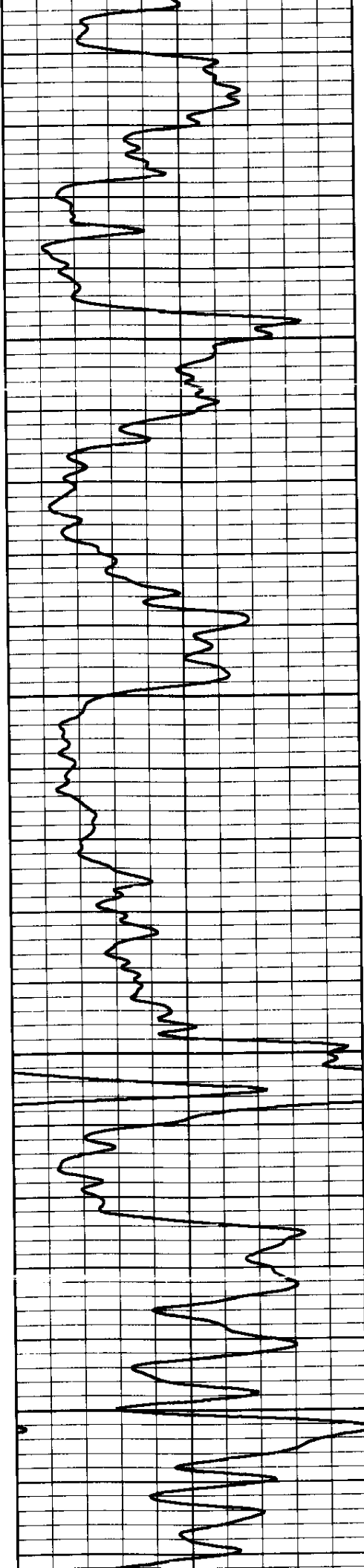
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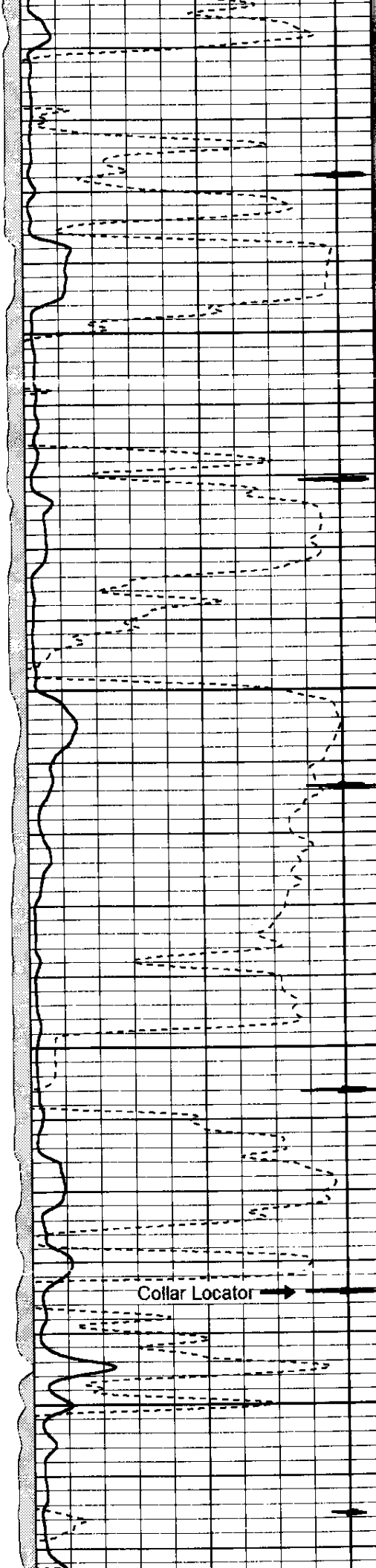


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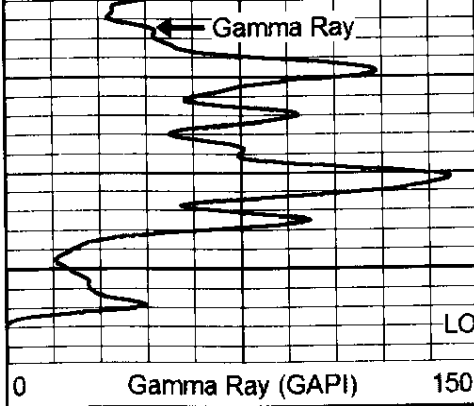
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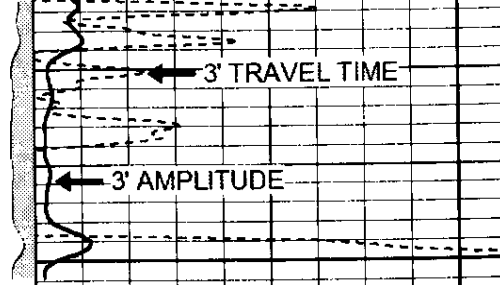


Collar Locator →





LOGGED TD 4209.5'



0	3' AMPLITUDE (mV)	100
775	3' TRAVEL TIME (usec)	275
9	Collar Locator	-1

200 5' Variable Density

Perf-Tech
Wireline Services

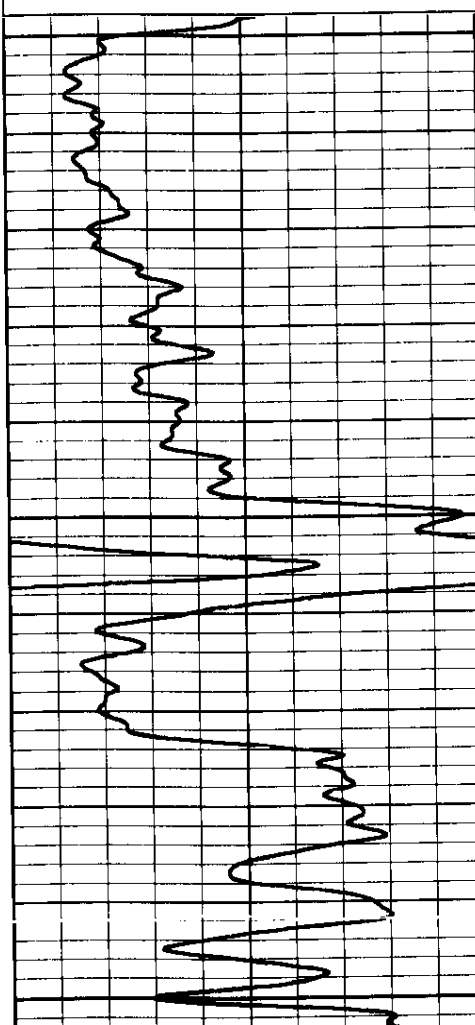
REPEAT SECTION

Database File: feb91006.db
 Dataset Pathname: pass2
 Presentation Format: 3x5
 Dataset Creation: Tue Feb 09 08:23:12 2010 by Log Std Casedhole 07081
 Charted by: Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150
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0	3' AMPLITUDE (mV)	100
775	3' TRAVEL TIME (usec)	275
9	Collar Locator	-1

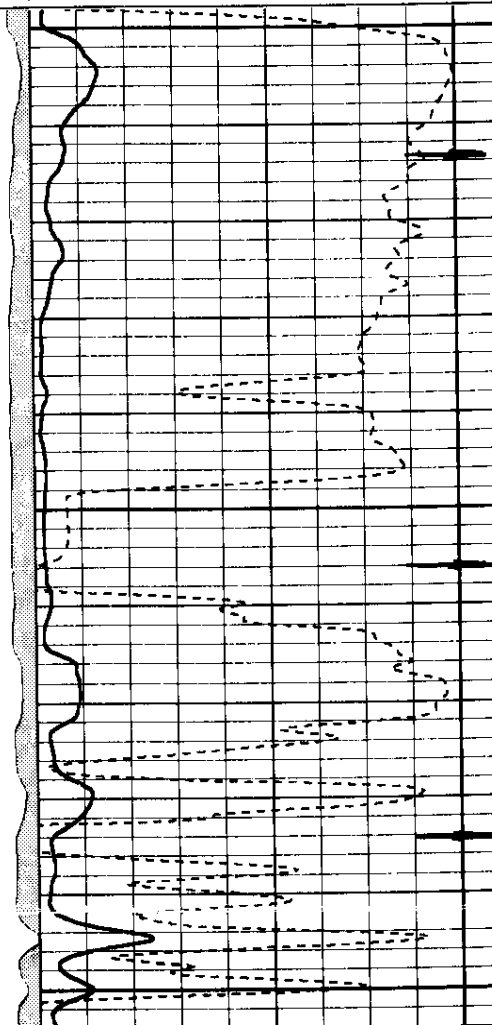
200 5' Variable Density

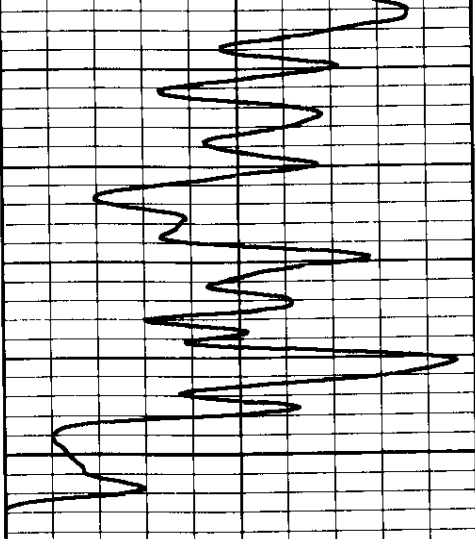


4050

4100

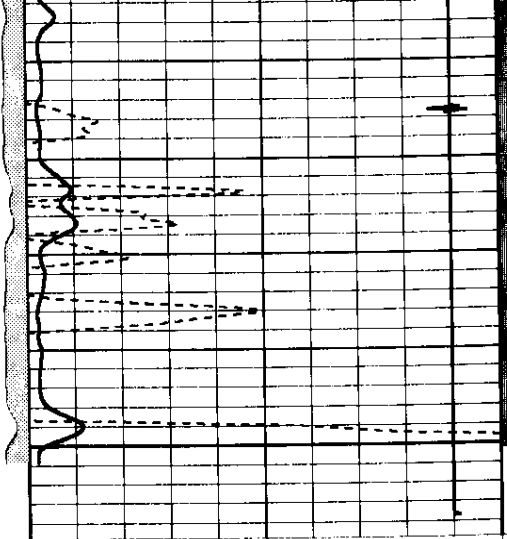
4150





0 Gamma Ray (GAPI) 150

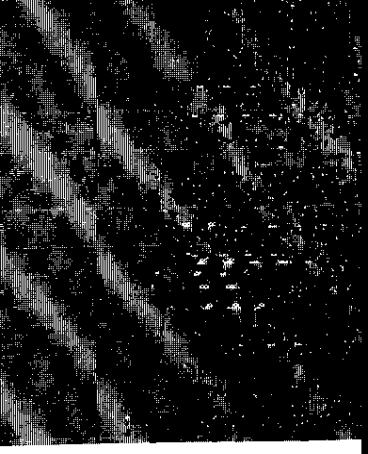
4200



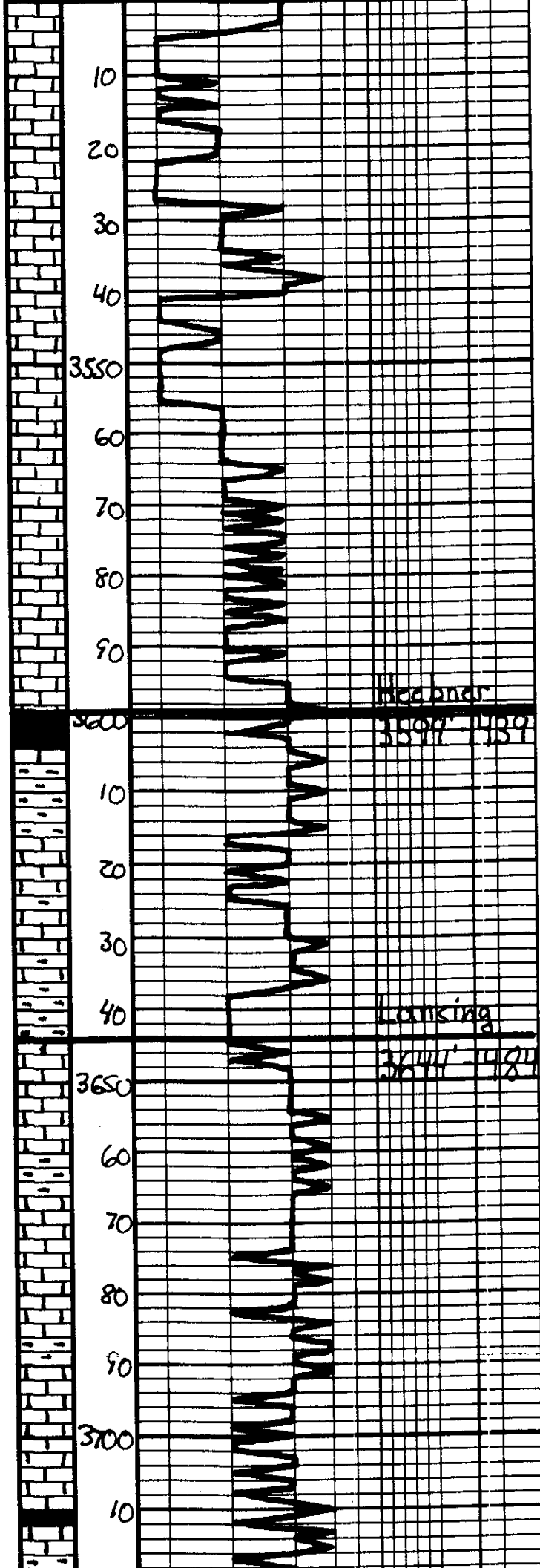
0 3' AMPLITUDE (mV) 100

775 3' TRAVEL TIME (usec) 275

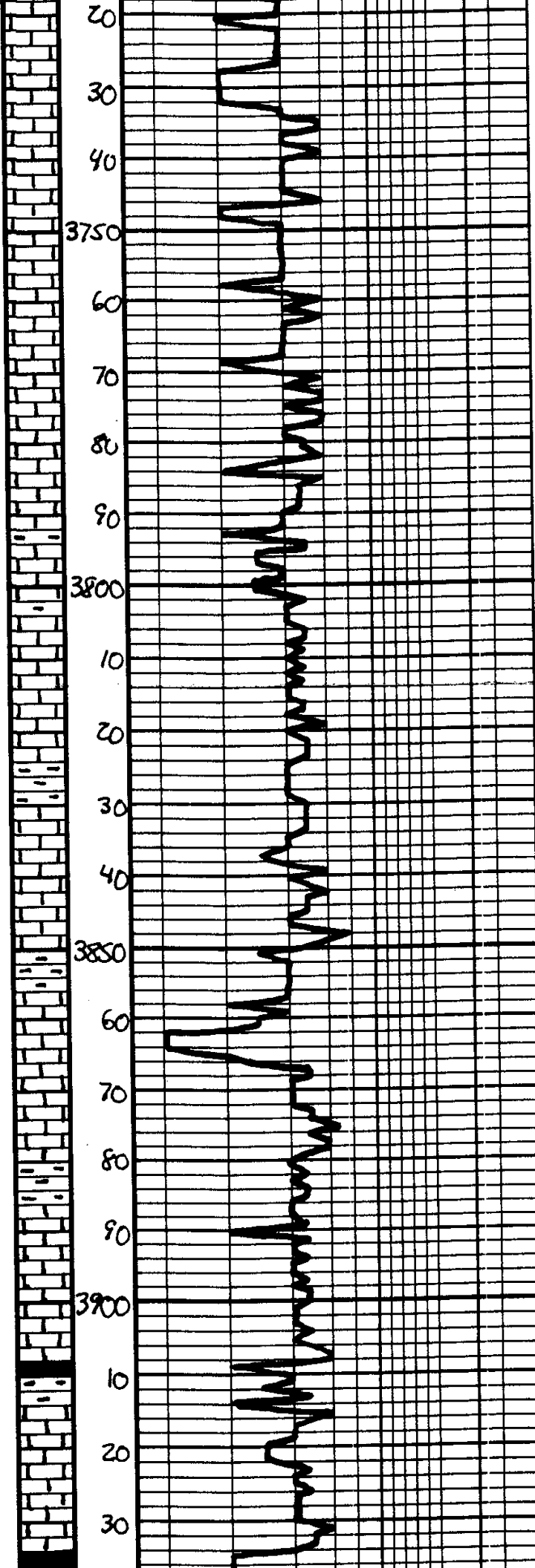
9 Collar Locator -1



200 5' Variable Density



LS: Tan-lt grey, Ex. al., Fossil Barren, Sl. Chalky	Geo on location 7:30 p.m. 1-19-10
LS-ala	
LS: Tan-lt. grey - Mottled Ex al., fossil, Mostly DNS	
LS: Tan-lt grey - Mottled Ex. al. Fossil, Barren, Chalky	
LS-ala	
LS-ala	
LS-ala	
Sh-Blk Gsch, Fossil	Mud Vis. S1 Wt. 8.8
Sh-Gry-Ben-Gra	
LS: Tan-Offwhite, Ex x la w/ grapp at intervals and pore wst; φ, Barren	
LS-ala, DNS	
Sh-Gry-Ben-Gra	
LS: Tan-lt. grey, Ex-Subscl. Fossil only, w/ grapp at some Barren, Mostly DNS	
Sh-Gry-Ben	
LS: Tan-lt. grey, Ex x la, Fossil ool. w/ Fair bar φ, Barren	
Sh-Gry-Ben	
LS: Offwhite-lt. grey, Ex x la, Fossil only, w/ pore - fair bar φ, Barren, A. Whit-Gry	Mud Vis. 50 Wt. 9.1
LS-ala	
Sh-Drk Gry-Blk	



Ls - Tan - Lt. Gray, Foss. L. ool.
w/ Marc. Forc. oom. fr. Barran

Ls - Tan - Lt. Gray, Foss. Substr.
Sl. Fossil out. DNS

Ls - Tan - Lt. Gray, Foss. L. ool.
Fossil out. w/ Marc. oom. fr. Barran

Ls - ala.

Ls - Tan - Lt. Gray, Foss. Substr.
DNS

Ls - ala

Ls - ala

Mud
Vis. 52
Wt. 9.1

Ls - Tan - Lt. Gray, Substr.
DNS

Ls - ala

Sh - Gray - Ben

Ls - Tan - Lt. Gray, Foss. Substr.
Fossil out. w/ Marc. oom. fr. Barran

Ls - ala, DNS

Ls - Tan - Lt. Gray, Foss. L. ool.
Fossil out. w/ Marc. oom. fr. Barran

Ls - Tan - Lt. Gray, Substr.
Sl. Fossil out. DNS

Sh - Gray - Ben

Ls - Tan - Lt. Gray, Substr.
DNS

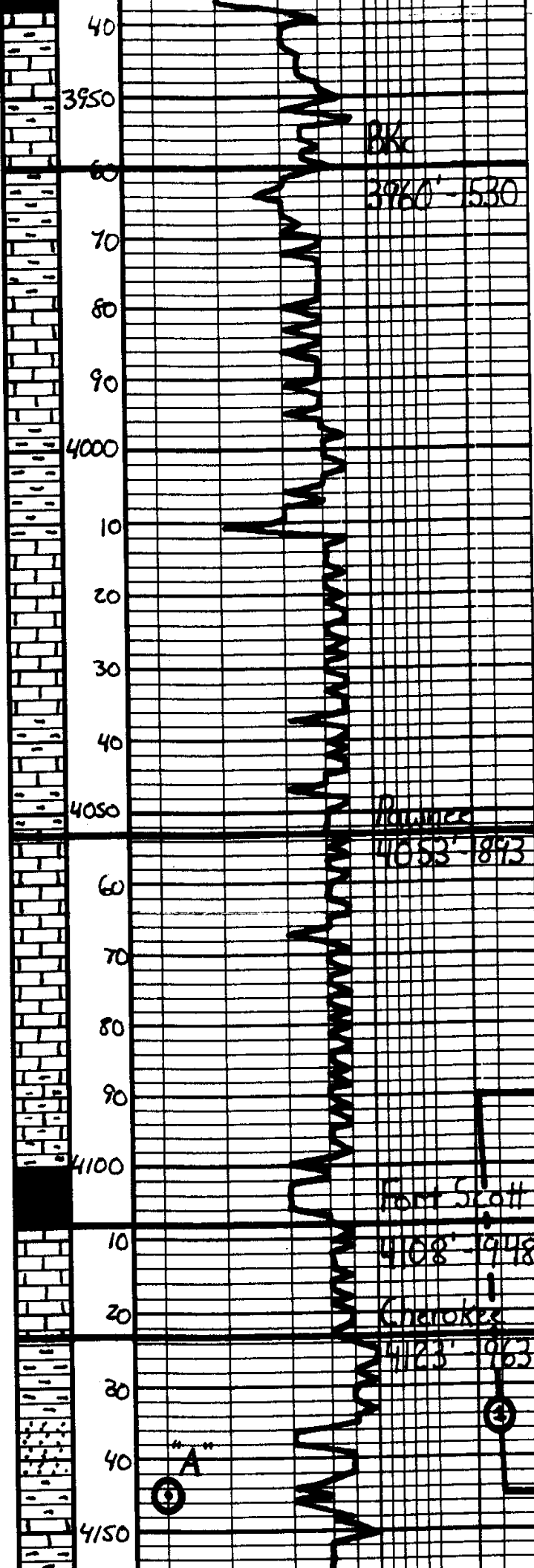
Mud
Vis. 44
Wt. 9.1

Sh - Dk Gray - Blk

Ls - Tan - Lt. Gray, Foss. L. ool.
Fossil out. w/ Marc. oom. fr. Barran
Mostly DNS

Ls - ala

Sh - Blk, Dk Gray



Sh. Gray - Bea
 L.S. Tan. Gray, Substa. DNS
 Sh. Gray - Bea - Beck
 Sh. Gray - Bea
 L.S. Tan - Lt. Gray, Substa. DNS
 L.S. - gla
 Sh. Gray - Dark Gray - Bea
 L.S. Tan - Lt. Gray, Fa - Substa. DNS, Sl. d. - White
 L.S. - gla
 Sh. Gray - Bea
 Sh. - gla, Sl. SS - Barren, "Dirty"
 L.S. - Gray, Substa. DNS
 L.S. - gla
 L.S. - gla, Sl. Shaly - Dark Gray
 Sh. - Blk, Carb.
 L.S. - Dark, Lt. Bea, Fa - Substa. with Pimpant intercal. waxy & Lt. Fine gr. sl. w/ Scot. Lt. Sec. Sl. SD when broken, No Oolite, small 501 Fluc, Mostly DNS
 Sh. - Dark Gray - Bea
 SS - Gr. Clay, Sl. Earthy, Fa (or) well rounded, Beach, Laminated, Well sorted w/ fine detritage, Lt. oil st. in it. 4520 Dirty Drill Sl. Co. Fluc
 L.S. Tan - Gray, Substa. Mottled DNS

Mud
 Vis. 50
 Wt. 9.2

DST #1

Cherokee Sand "M"
 4090' - 4145'
 45° 45' 10"

IH 2010#
 IF 17.58#
 Built to 1 1/2 in.
 ISI 327#
 Deacl
 FF 61.68#
 1 1/2 in.
 FH 1981#
 BHT 106°F

Recovery!
 115' Oil Spotted Mud

DST #2

Mississippian
 4196' - 4210'
 15° 20' 15" 20"

