

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Form ACO-1
September 1999
Form Must Be Typed

ORIGINAL

Operator: License # 6471
 Name: R. C. Banks
 Address: P. O. Box 242
 City/State/Zip: Midland, TX 79701
 Purchaser: Duke Energy
 Operator Contact Person: T. Maxwell
 Phone: (432) 682-8296
 Contractor: Name: Cheyenne Drilling
 License: 5382
 Wellsite Geologist: N/A
 Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, 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./SWD
 Plug Back _____ Plug Back Total Depth _____
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

<u>10-07-03</u>	<u>10-09-03</u>	<u>10-31-03</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

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MAR 12 2004

KCC WICHITA

API No. 15 - 071-20773 - 00 - 00
 County: Greeley
 E/2 NE NW NE Sec. 29 Twp. 17 S. R. 40 East West
360 feet from S / N (circle one) Line of Section
1500 feet from E / W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Ro Well #: 3
 Field Name: Byerley
 Producing Formation: lower Winfield, Upper Ft. Riley
 Elevation: Ground: 3605 Kelly Bushing: 3611
 Total Depth: 3050 Plug Back Total Depth: 3048
 Amount of Surface Pipe Set and Cemented at 281 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set _____ Feet
 If Alternate II completion, cement circulated from 3048
 feet depth to 1150 wt. 525 sx cml.
Drilling Fluid Management Plan *AK 11 W 3-31-04*
 (Data must be collected from the Reserve Pit)
 Chloride content 89,000 ppm Fluid volume 200 bbls
 Dewatering method used evaporation
 Location of fluid disposal if hauled offsite: _____
 Operator Name: _____
 Lease Name: _____ License No.: _____
 Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
 County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: Terry W Maxwell
 Title: Consultant Date: 03-10-04
 Subscribed and sworn to before me this 10 day of March
 20 04
 Notary Public: Robin S. Louderback
 Date Commission Expires: 10-17-06

KCC Office Use ONLY

Letter of Confidentiality Attached
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

ROBIN S. LOUDERBACK
 Notary Public - State of Kansas
 My Appt. Expires 10-17-06

X

Operator Name: R. C. Banks Lease Name: Roe Well #: 3
 Sec. 29 Twp. 17 S. R. 40 East West County: Greeley

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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

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
 (Submit Copy)

Log Formation (Top), Depth and Datum Sample
 Name Top Datum
 Stone Corral 2580 1031
 L. Winfield 2921 690

List All E. Logs Run:

Neutron, Cement Bond, Gamma Ray & Collar log

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CASING RECORD <input checked="" type="checkbox"/> New <input checked="" 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. / FL	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4	8 5/8"	24	281	Class C	175	1/4# Celco, 3% Cacl
Production	7 7/8	4 1/2"	10.5	3049	ALHD	550	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate				
<input checked="" type="checkbox"/> Protect Casing	1250'	C	75	4% gel and 1/2#/sk celoflake
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone	1520'	C	75	

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type	Acid, Fracture, Shot, Cement Squeeze Record	Depth
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	
2	2928-32, 2935-45, 2947-57, 2962-72	500G 15% Hcl; gelled H2O sand frac	2928-72
3	1300, 1520	75sx appr Steve Durrant	

TUBING RECORD		Size	Set At	Packet At	Liner Run
		2 3/8	2940		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Entr.			Producing Method		
11-05-03			<input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		105	4		

Disposition of Gas Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If vented, Submit ACO-18.) Other (Specify) _____

ALLIED CEMENTING CO., INC.

14254
ORIGINAL

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Dakley

DATE 10-16-03	SEC 29	TWP 17S	RANGE 40W	CALLED OUT	ON LOCATION 8:30 AM	JOB START 9:00 AM	JOB FINISH 5:30 PM
LEASE Roe	WELL# 3	LOCATION Tribune 6N-14W			COUNTY Greely	STATE Kan	
OLD OR NEW (Circle one)							

CONTRACTOR None	OWNER Same
TYPE OF JOB Squeeze	
HOLE SIZE _____ T.D. _____	CEMENT _____
CASING SIZE 4 1/2 DEPTH _____	AMOUNT ORDERED 200 SKS ALHD, 1/4 Fl-Seal
TUBING SIZE _____ DEPTH _____	50 SKS COM, 2%CC
DRILL PIPE _____ DEPTH _____	Used 50 COM, 2%CC, 50 SKS ALHD
TOOL _____ DEPTH _____	
PRES. MAX _____ MINIMUM _____	COMMON 30 SKS @ 8.35 417.50
MEAS. LINE _____ SHOE JOINT _____	POZMIX _____ @ _____
CEMENT LEFT IN CSG. _____	GEL _____ @ _____
PERFS. D 1520'	CHLORIDE 2 SKS @ 30.00 60.00
DISPLACEMENT _____	ALHD 50 SKS @ 12.20 610.00
	Fl-Seal 13# @ 1.40 18.20

EQUIPMENT

PUMP TRUCK CEMENTER Walt
102 HELPER Walt
BULK TRUCK
347 DRIVER Lonnale
BULK TRUCK
_____ DRIVER _____

HANDLING 250 SKS @ 1.15 287.50
MILEAGE 54.725 SKMILE 937.30

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TOTAL **2,330.70**

MAR 12 2004

SERVICE

KCC WICHITA

REMARKS:
Pumped into Perfs (1520') D
1 1/2 BPM @ 800# mixed 25 SKS
COM, 2%CC, Displaced 23 3/4 BBL
Squeeze to 1000#
Perf D 1350' mixed 50 SKS ALHD
+ 25 SKS COM, 2%CC, Displaced 19 3/4 BBL
Squeeze to 1000# shot in
2 1/4" / 1/2"

DEPTH OF JOB _____	
PUMP TRUCK CHARGE _____	850.00
EXTRA FOOTAGE _____ @ _____	
MILEAGE 75-miles @ 3.50 262.50	
PLUG _____ @ _____	
_____ @ _____	
_____ @ _____	

TOTAL **1112.50**

CHARGE TO: **R.C. Banks**

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

_____ @ _____	
_____ @ _____	
_____ @ _____	
_____ @ _____	
_____ @ _____	

TOTAL _____

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE **Terry Maxwell**

PRINTED NAME _____

ALLIED CEMENTING CO., INC. ORIGINAL

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: Oakley

DATE: <u>10-9-03</u>	SEC: <u>29</u>	TWP: <u>17s</u>	RANGE: <u>40W</u>	CALLED OUT	ON LOCATION: <u>10:15 AM</u>	JOB START: <u>2:50 PM</u>	JOB FINISH: <u>4:00 PM</u>
LEASE: <u>Roe</u>	WELL#: <u>3</u>	LOCATION: <u>Tribune 6W W5</u>			COUNTY: <u>Greeley</u>	STATE: <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR: Cheyenne Drilling Rig 8
 TYPE OF JOB: 4 1/2" Production string
 HOLE SIZE: 7 7/8" T.D.: 3050'
 CASING SIZE: 4 1/2" 10.5" DEPTH: 3051'
 TUBING SIZE: _____ DEPTH: _____
 DRILL PIPE: _____ DEPTH: _____
 TOOL: _____ DEPTH: _____
 PRES. MAX: 800' MINIMUM: 500'
 MEAS. LINE: _____ SHOE JOINT: _____
 CEMENT LEFT IN CSG: _____
 PERFS: _____
 DISPLACEMENT: 48 1/2 Bbls
 EQUIPMENT: _____
 PUMP TRUCK CEMENTER: Dean
 # 373-281 HELPER: Andrew
 BULK TRUCK # 361 DRIVER: W917
 BULK TRUCK # _____ DRIVER: _____

OWNER: Same
 CEMENT AMOUNT ORDERED: 450 SKS ALHD 3/4" Flt Seal
 ALHD _____ @ _____
 POZMIX _____ @ _____
 GEL _____ @ _____
 CHLORIDE _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING _____ @ _____
 MILEAGE _____
 RECEIVED _____
 _____ TOTAL _____
 MAR 12 2004
 KCC WICHITA SERVICE

REMARKS:
Cement did not circulate ✓
Plug landed
Float held
Max press pumping 500', Plug landed 800'
Thank you

DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____
 EXTRA FOOTAGE _____ @ _____
 MILEAGE: 75 miles @ _____
 PLUG: 4 1/2" Rubber @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____

CHARGE TO: R C Banks
 STREET: _____
 CITY: _____ STATE: _____ ZIP: _____

_____ TOTAL _____
4 1/2" FLOAT EQUIPMENT
AFU Float shoe @ _____
5 - Centralizers @ _____
2 - BASKETS @ _____
 _____ @ _____
 _____ @ _____

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE: Terry Maxwell

PRINTED NAME _____

ALLIED CEMENTING CO., INC

11165
ORIGINAL

REMIT TO: P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Oakley

DATE <i>10/7/03</i>	SEC <i>29</i>	TWP <i>17</i>	RANGE <i>40N</i>	CALLED OUT	ON LOCATION <i>3:00 PM</i>	JOB START <i>3:45 PM</i>	JOB FINISH <i>4:50 PM</i>
LEASE <i>Roe</i>	WELL# <i>3</i>	LOCATION <i>Tribune Co W/S</i>			COUNTY <i>Greene</i>	STATE <i>KS</i>	
OLD OR NEW (Circle one)							

CONTRACTOR *Cheyenne #8*

TYPE OF JOB *CHT 92 SURFACE*

HOLE SIZE *12 1/4* T.D. *2841*

CASING SIZE *5 1/2* DEPTH *2941*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX *200* MINIMUM *5'*

MEAS. LINE SHOE JOINT *36*

CEMENT LEFT IN CSG. *3'*

PERFS.

DISPLACEMENT *16 MFL*

OWNER *SADCO*

CEMENT AMOUNT ORDERED *175 lbs. Cem + 22 gal. 3% ca*

COMMON @

POZMIX @

GEL @

CHLORIDE @

HANDLING @

MILEAGE @

RECEIVED

MAR 12 2004

TOTAL

EQUIPMENT

PUMP TRUCK CEMENTER *Max*

373 291 HELPER *Andrew*

BULK TRUCK DRIVER *LARRY*

319

BULK TRUCK DRIVER

REMARKS:

*CHT 92 Surface Co with 175 lbs
Cem. Displace 16 MFL. Close in
Cem. Cement did circulate*

KCC WICHITA SERVICE

DEPTH OF JOB *2841*

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE *11* @

PLUG @

TOTAL

CHARGE TO *R.C. Banks*

STREET

CITY STATE ZIP

FLOAT EQUIPMENT

@

@

@

@

TOTAL

To Allied Cementing Co., Inc.
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TAX

TOTAL CHARGE

DISCOUNT IF PAID IN 30 DAYS

SIGNATURE *[Signature]*

PRINTED NAME

RECEIVED
MAR 12 2004
KCC WICHITA

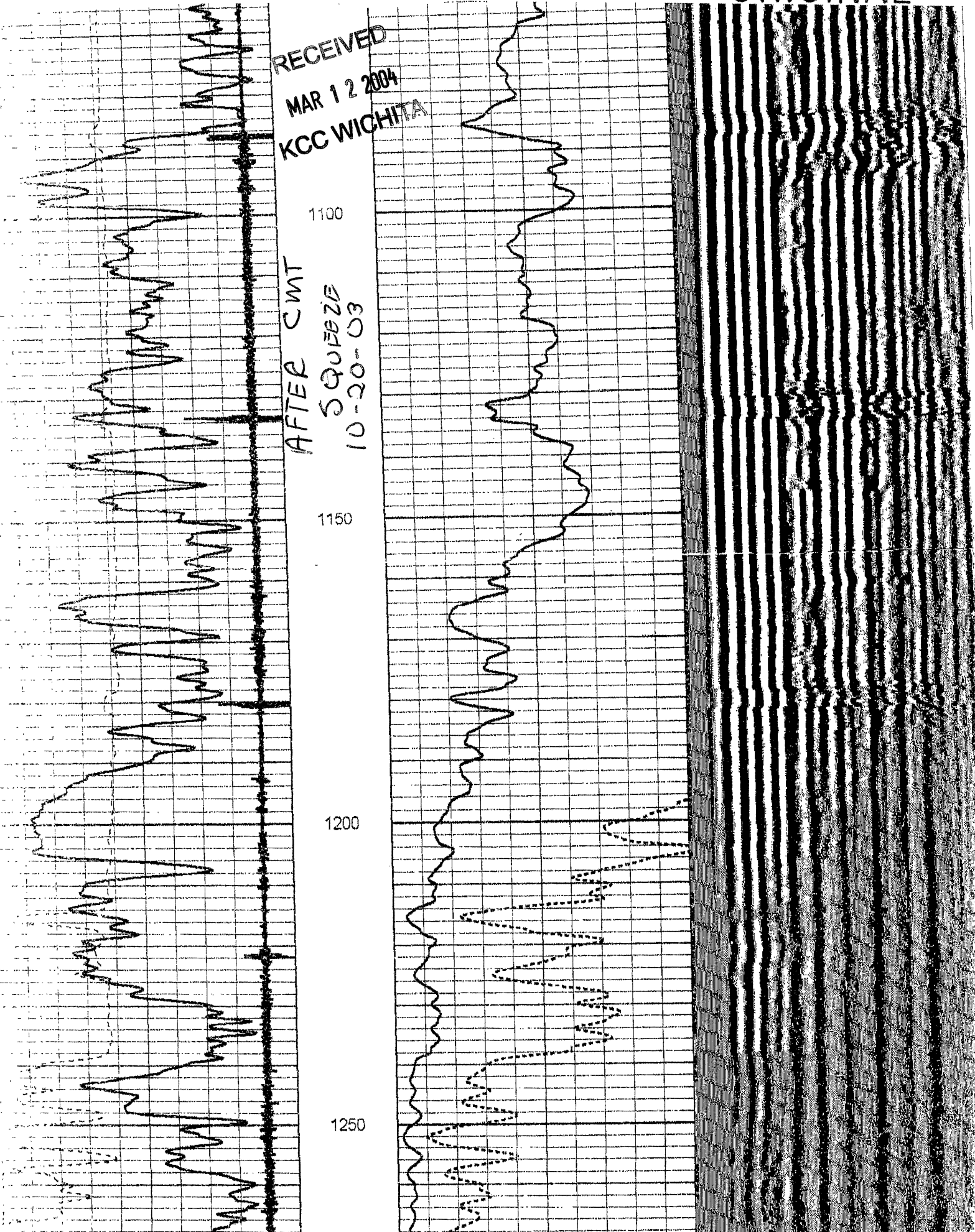
AFTER CMT
SQUEEZE
10-20-03

1100

1150

1200

1250



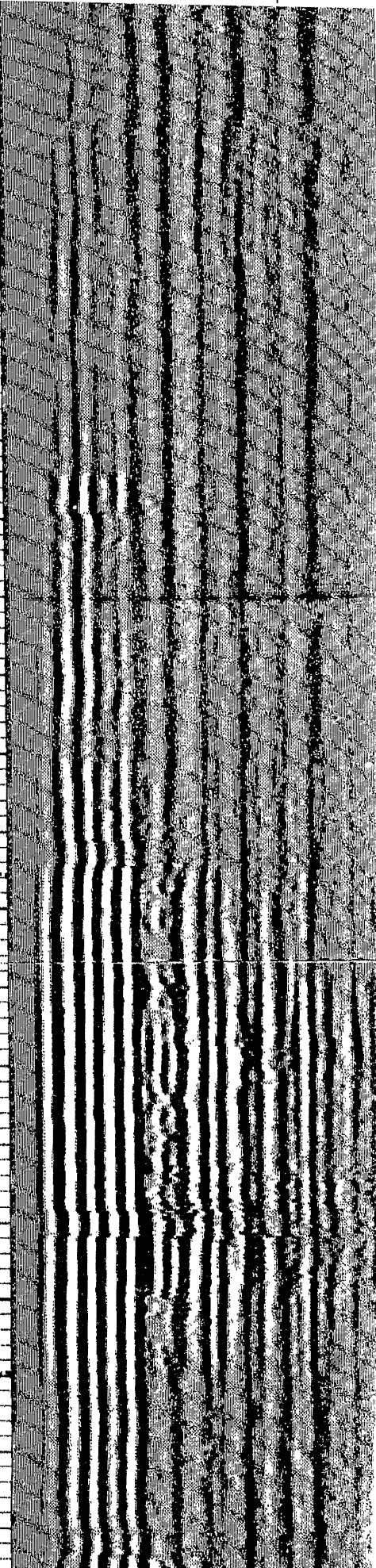
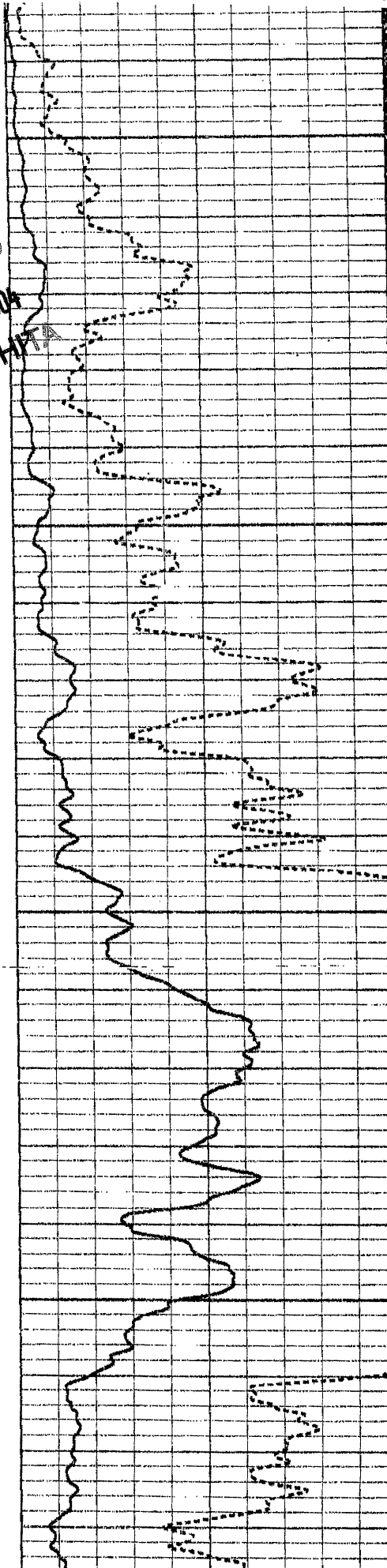
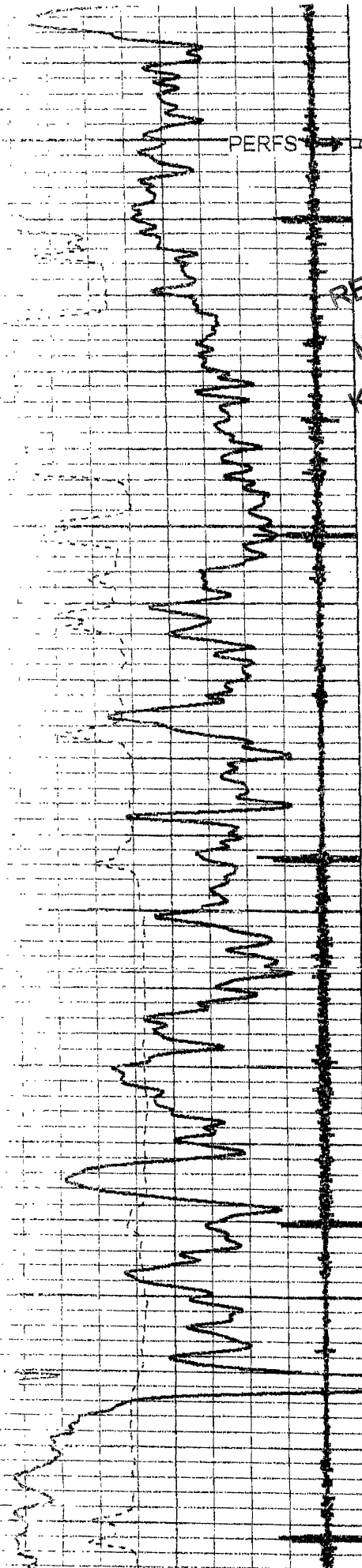
PERFS → 1300

RECEIVED
MAR 12 2004
KCC WICHITA

1350

1400

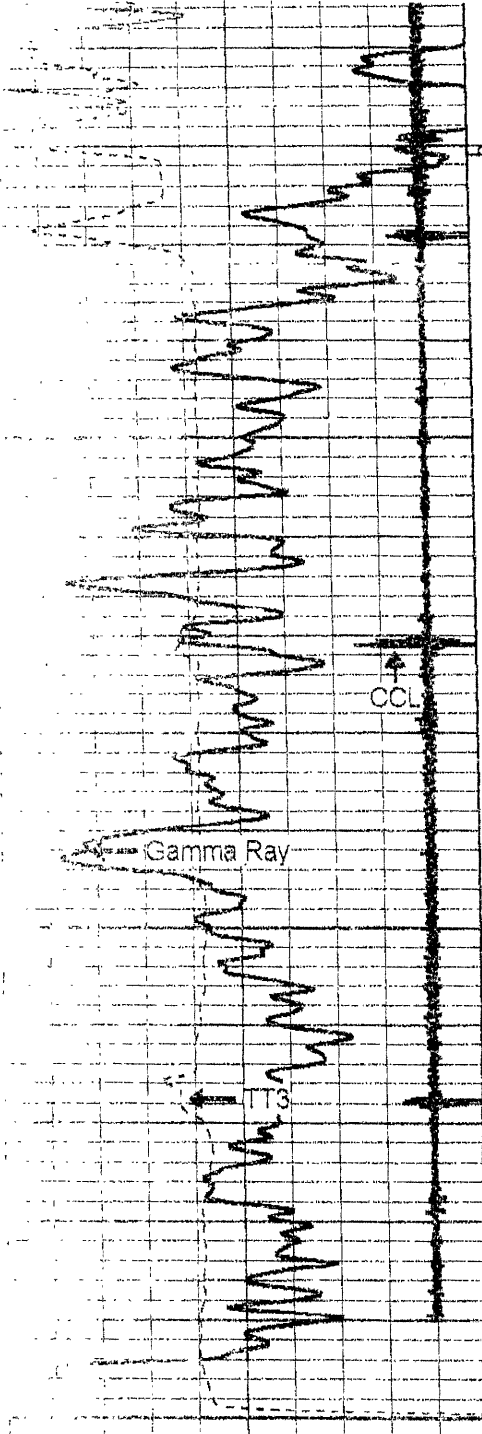
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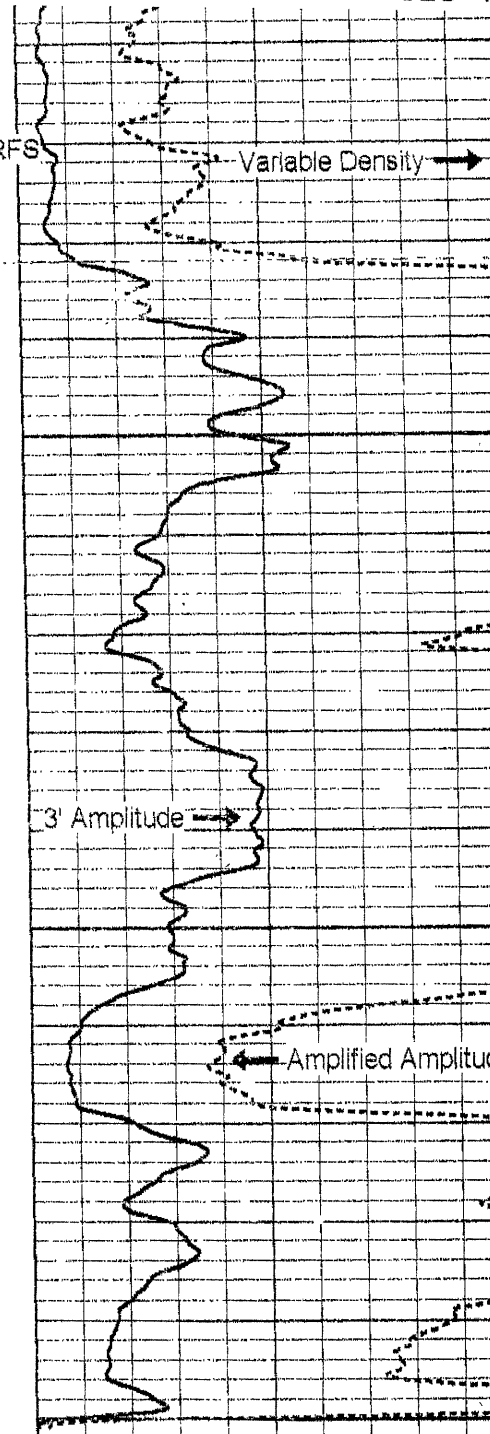
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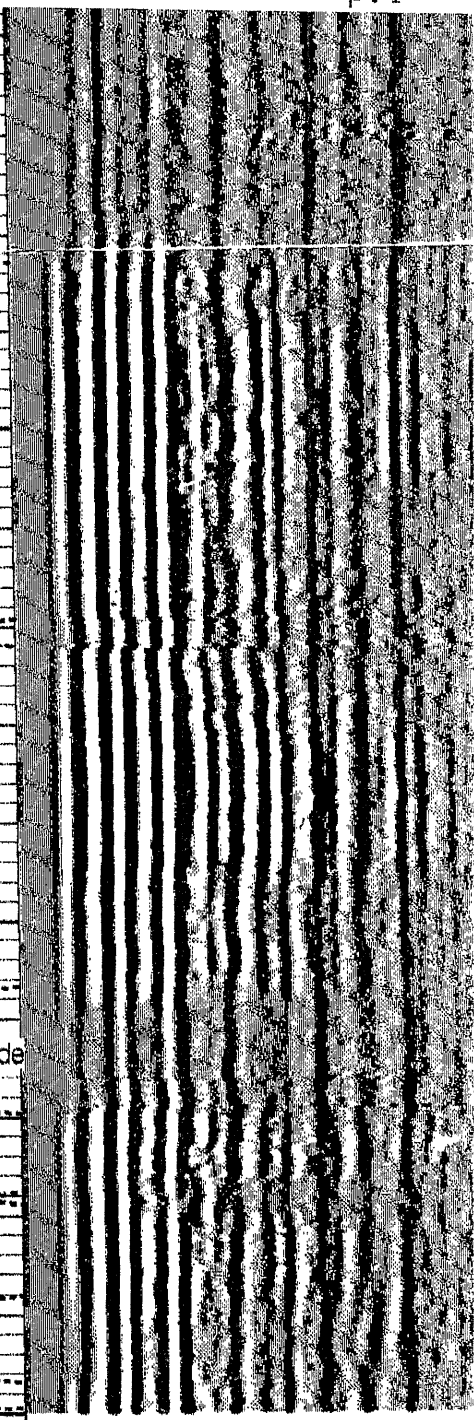
1650



Variable Density

3' Amplitude

Amplified Amplitude



Collar Locator -1

Gamma Ray (GAPI) 150

TT3 (usec) 120

GR (GAPI) 300

GR (GAPI) 300

0 - Amplified Amplitude (mV) 20 150

0 - Amplitude (mV) 100

Variable Density 14

LOG-TECH

of Kansas Inc.

AFTER SQUEEZE