



KANSAS CORPORATION COMMISSION 1044927
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009

Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33168
Name: Woolsey Operating Company, LLC
Address 1: 125 N MARKET STE 1000
Address 2: _____
City: WICHITA State: KS Zip: 67202 + 1729
Contact Person: DEAN PATTISSON
Phone: (316) 267-4379
CONTRACTOR: License # 5822
Name: Val Energy, Inc.
Wellsite Geologist: BILLY KLAVER
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: DNB DRILLING INC
Well Name: SCHOOLEY 1

Original Comp. Date: 07/26/1978 Original Total Depth: 5170

- 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 #: D-30644
 ENHR Permit #: _____
 GSW Permit #: _____

<u>06/01/2010</u>	<u>06/08/2010</u>	<u>07/15/2010</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-007-20640-00-01

Spot Description: _____
SW NE NE SW Sec. 4 Twp. 35 S. R. 11 East West
1,990 Feet from North / South Line of Section
2,015 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Barber

Lease Name: SCHOOLEY A Well #: 1 SWD

Field Name: _____

Producing Formation: N/A

Elevation: Ground: 1361 Kelly Bushing: 1370

Total Depth: 5862 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 265 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: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: WOOLSEY OPERATING COMPANY

Lease Name: SWARTZ 2 SWD License #: 33168

Quarter NE Sec. 1 Twp. 34 S. R. 11 East West

County: BARBER Permit #: D-30567

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: Deanna Garrison Date: 07/14/2011



1044927

Operator Name: Woolsey Operating Company, LLC Lease Name: SCHOOLEY A Well #: 1 SWD
 Sec. 4 Twp. 35 S. R. 11 East West County: Barber

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 checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Compensated Density/Comp Neutron PE Dual Induction	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Attached Attached Attached
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CASING RECORD <input checked="" 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
PRODUCTION	7.875	5.5	15.5	5519	60/40 POZMIX	50	1/4# CELLOFLAKE, 4% GEL
PRODUCTION	7.875	5.5	15.5	5519	CLASS H	175	10% salt, 10% Gypseal, 6# Kolseal, 1/4#

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	5439-5440	CLASS H	125	5% SALT

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
4	5439-5440		

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____		Liner Run: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. 08/01/2010		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (Explain) <u>SWDW</u>	
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 checked="" 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 (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Woolsey Operating Company, LLC
Well Name	SCHOOLEY A 1 SWD
Doc ID	1044927

Tops

CHASE	1846	-476
DOUGLAS	3777	-2407
HERTHA	4506	-3136
PAWNEE	4655	-3285
MISSISSIPPIAN	4780	-3410
VIOLA	5115	-3745
SIMPSON	5252	-3882
ARBUCKLE	5463	-4093

ALLIED CEMENTING CO., LLC. 042057

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

SERVICE POINT:
Medicine Lodge

DATE <u>6-9-2010</u>	SEC <u>4</u>	TWP. <u>3S</u>	RANGE <u>11</u>	CALLED OUT	ON LOCATION	JOB START <u>5:20 PM</u>	JOB FINISH <u>6:05 PM</u>
LEASE <u>Schooly A-1</u>	WELL #	LOCATION <u>281 + Kiowa Jct</u>			COUNTY <u>Barber</u>	STATE <u>Ks.</u>	
OLD OR (NEW) (Circle one)		<u>2 1/2 east N/S</u>					

CONTRACTOR Vol #3 OWNER Woolsey Operating

TYPE OF JOB <u>Production</u>	CEMENT
HOLE SIZE <u>7 7/8</u>	AMOUNT ORDERED <u>Clappr 13 Gals</u>
CASING SIZE <u>5 1/2"</u>	<u>85 sx 40:40:4 + 1/4" Floreal</u>
TUBING SIZE	<u>175 sx H+10% byp 10% salt 6 Floreal 80 HHO 1/2" Thick</u>
DRILL PIPE	COMMON <u>H 175 sx @ 16.75 = 2931.25</u>
TOOL	POZMIX <u>34 sx @ 8.00 = 272.00</u>
PRES. MAX <u>1500</u>	GEL <u>3 sx @ 20.00 = 60.00</u>
MEAS. LINE	CHLORIDE <u>A 51 @ 15.45 = 787.95</u>
CEMENT LEFT IN CSG.	ASS <u>6 Floreal 17 sx @ 29.20 = 496.40</u>
PERFS.	<u>Salt 19 sx @ 12.00 = 228.00</u>
DISPLACEMENT <u>133 Bbls 2% KCL water</u>	<u>Floreal 108 @ -89 = 9592.00</u>
EQUIPMENT	<u>FF-160 131 @ 13.35 = 1748.85</u>
PUMP TRUCK CEMENTER <u>Carl Betting</u>	<u>Floreal 44 @ 2.50 = 110.00</u>
# <u>360-265</u> HELPER <u>Matt Thimesch</u>	<u>Clappr 13 Gals @ 13.35 = 173.55</u>
BULK TRUCK	
# <u>363-251</u> DRIVER <u>Alvin (SA)</u>	
BULK TRUCK	
#	

WELL FILE	
Regulatory Correspondence	Workovers
Drig/Comp	Operations
REMARKS / Meters	

T.D. 5862' Run 5519' casing break circulation, Drop ball + circulate to open packer shoe.
Plug Bat + Mouse w/ 75 sx 20:40:4 + 1/4" Floreal
Mix + pump 50 sx 40:40:4 + 1/4" Floreal (sawyer)
+ 175 sx H+10% byp 10% salt 6" Floreal .8"
FF-160 + 1/4" Floreal. wash pump + lines + release plug. Displace w/ 133 Bbls 2% KCL water. + land plug. Release pressure + float hole.

CHARGE TO: Woolsey Operating

STREET _____

CITY _____ STATE _____ ZIP _____

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) 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 and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME MIKE TARR

SIGNATURE [Signature]

HANDLING <u>260</u>	@ <u>2.40</u>	<u>624.00</u>
MILEAGE <u>260/10/15</u>		<u>390.00</u>
TOTAL		<u>8158.00</u>

SERVICE		
DEPTH OF JOB <u>5519'</u>		
PUMP TRUCK CHARGE	<u>2295'</u>	
EXTRA FOOTAGE	@	
MILEAGE <u>15</u>	@ <u>7.00</u>	<u>105.00</u>
MANIFOLD	@	
TOTAL		<u>2400.00</u>

PLUG & FLOAT EQUIPMENT		
<u>1 Packer shoe</u>	@	<u>931.00</u>
<u>1 Hatch Down plug</u>	@	<u>163.00</u>
<u>1 Basket</u>	@	<u>161.00</u>
<u>7 Turbalizers</u>	@ <u>40.00</u>	<u>284.00</u>
TOTAL		<u>1540.00</u>

SALES TAX (If Any) _____

TOTAL CHARGES [scribble]

DISCOUNT [scribble] IF PAID IN 30 DAYS

ALLIED CEMENTING CO., LLC. 042064

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

SERVICE POINT: Medicine Lodge

DATE <u>6-27-10</u>	SEC <u>4</u>	TWP <u>35</u>	RANGE <u>11</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>10:00 AM</u>
Woolsey LEASE	WELL # <u>A-1 SWD</u>	LOCATION <u>201 + Kiowa Tct</u>			COUNTY <u>Barber</u>	STATE <u>Kansas</u>	
OLD OR NEW (Circle one) <u>NEW</u>				<u>2 1/2 East N/S</u>			

CONTRACTOR Pratt Well Service
 TYPE OF JOB Retainer Squeez
 HOLE SIZE T.D.
 CASING SIZE 5 1/2 - 15.5 DEPTH
 TUBING SIZE 2 7/8 DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX 1500 MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG.
 PERFS.
 DISPLACEMENT 31 Bbls

OWNER Woolsey Operating
 CEMENT
 AMOUNT ORDERED 125 5x Class H + 5x soft
 COMMON H 125 5x @ 16⁷⁵ 2093⁷⁵
 POZMIX @
 GEL @
 CHLORIDE @
 ASC @
Sat 7.5x @ 12⁰⁰ 84⁰⁰
 WELL FIT @
 Regulatory Correspondence @
 Drig (Comp) Work @s
 tests / meters Operations
 @
 @
 @
 @
 HANDLING 125 @ 2.40 300⁰⁰
 MILEAGE 125/25.10 (Min) 32⁰⁰
 TOTAL 2789⁷⁵

EQUIPMENT
 PUMP TRUCK CEMENTER Carl Balding
 # 360-265 HELPER Matt Thumach
 BULK TRUCK
 # 364 DRIVER Dave West
 BULK TRUCK
 # DRIVER

REMARKS:
Parts 5439-40 Retainer 5408'
load annular - 500 psi w/ 1 Bbls
loop tubing 400 psi establish inj
Rate 4 BPM 500 psi Mix 125 5x
Class H + 5x soft + have circulation
to surface (lets ex on Displace
with 31 Bbls string out + reverse
with 40 Bbls water. Thank you!

CHARGE TO: Woolsey Operating
 STREET
 CITY STATE ZIP

JUL 29 2010
 SERVICE
 DEPTH OF JOB 5440'
 PUMP TRUCK CHARGE 2011⁰⁰
 EXTRA FOOTAGE @
 MILEAGE 15 @ 7⁰⁰ 105⁰⁰
 MANIFOLD @
 @
 @
 TOTAL 2116⁰⁰

To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) 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 and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PLUG & FLOAT EQUIPMENT
 @
 @
 @
 @
 @
 TOTAL

PRINTED NAME
 SIGNATURE Don T. Peterson

SALES TAX (If Any)
 TOTAL CHARGES
 DISCOUNT [scribble] IF PAID IN 30 DAYS



Woolsey Operating Company, LLC

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

Well Name: Schooley A-1 OWWO SWD
Location: Approx. C NE SW
License Number: 15-007-20640-00-01
Spud Date: June 1, 2010
Surface Coordinates: 1990' FSL & 2015' FWL Sec 4 Twp35S-Rge 11W
Region: Barber Co, KS
Drilling Completed: June 8, 2010

Bottom Hole Coordinates: Verticle Hole

Ground Elevation (ft): 1360' K.B. Elevation (ft): 1370'
Logged Interval (ft): Surface To: 5552' Total Depth (ft): 5862'
Formation: Total Depth in Arbuckle
Type of Drilling Fluid: Chemical Displaced at old TD of 5170'

Printed by WellSight Log Viewer from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Woolsey Operating Company,LLC
Address: 125 N. Market, Suite 1000
Wichita, KS 67202

GEOLOGIST

Name: Billy G. Klaver
Company: Woolsey Operating Co. LLC
Address: 125 N. Market, Wichita Kansas, 67202

COMMENTS

Surface Casing: Existing casing of 10 3/4", was set at 255' KB.
Production Casing: 5 1/2' X 12.50#

Deviation Surveys: 1 degree at 5575' (rotary), 5552' (logger)

Pipe Strap .20' short to the board, no correction made.

WOC Bit Record:

#1 7 7/8' JZ RR in at surface, out at 5575'

#2 7 7/8" Reed HS 884 in at 5575', out at 5862'

Gas Detector: Woolsey Operating Co. Gas Trailer #2

Mud System: Mud Co. Brad Bortz, Engineer

DSTs: No Tests

OH Logs: Halliburton, Dual Induction Microlog w/SP-GR, CNL-FDC w/PE, GR and caliper, DiPole Sonic w/GR.
Todd Bridgeman, Logging Engineer.

DSTs/Remarks


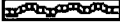




No formation tests were ran.







E-logs tops were 21' high to rotary depths. Pipe strap taken at logging depth measured .20' short to the board. No obvious errors could be found when the board was refigured. Original rotary and loggers depths were 5170' when drilled in 1978. Val Energy Rig #3 wash down total depth was 5184'. The 21' drilling depth difference remains a mystery.


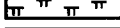

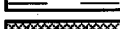


CREWS



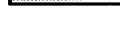
Jerry Davidson, Toolpusher
Josh Holloway, Days
Michael Cavender, Evening
Edward Raney, Morning

ROCK TYPES

 Anhy
 Bent
 Brec
 Cht
 Clyst
 Coal

 Congl
 Sdy dolo
 Shy dolo
 Dol
 Gyp
 Sdy lmst

 Lmst
 Mrlst
 Salt
 Shale
 Sltst
 Ss

 Black sh
 Gry sh
 Shale
 Shyslts
 Sltys

ACCESSORIES

MINERAL

- Anhy
- Arg
- Bent
- Bit
- Brecfrag
- Calc
- Carb
- Chtdk
- Chtit
- Dol
- Ferrpel
- Ferr
- Glau
- Gyp
- Marl
- Nodule
- Phos
- Pyr
- Salt
- Sandy
- Silt

- Chlorite
- Dol
- Sand
- Sltly

FOSSIL

- Algae
- Amph
- Belm
- Bioclst
- Brach
- Bryozoa
- Cephal
- Coral
- Crin
- Echin
- Fish
- Foram
- Fossil
- Gastro
- Oolite
- Ostra

- Pelec
- Pellet
- Pisolite
- Plant
- Strom
- Fuss
- Oomoldic

STRINGER

- Anhy
- Arg
- Bent
- Coal
- Dol
- Gyp
- Ls
- Mrst
- Sltstrg
- Ssstrg
- Carbsh
- Clystn
- Dol

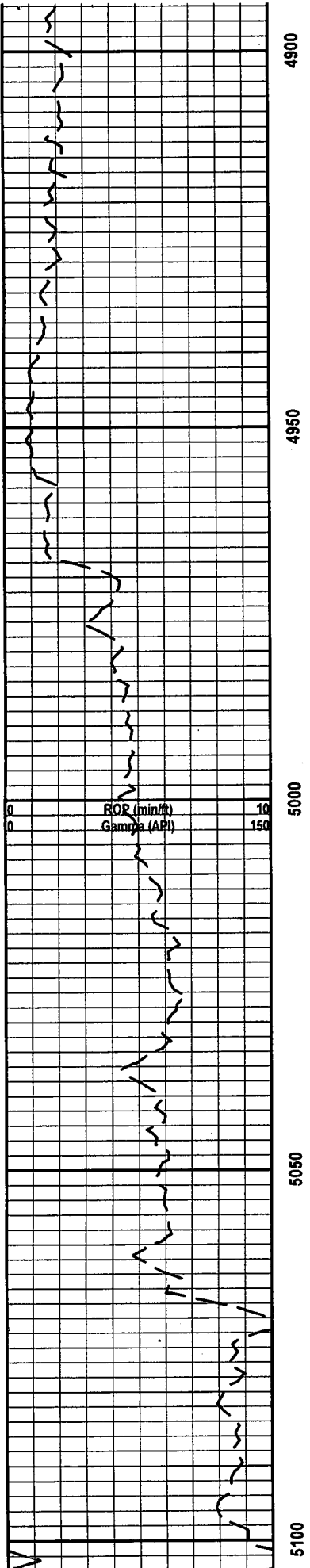
- Grysh
- Gryslt
- Lms
- Sandylms
- Sh
- Sltstn

TEXTURE

- Boundst
- Chalky
- Cryxln
- Earthy
- Finexln
- Grainst
- Lithogr
- Microxln
- Mudst
- Packst
- Wackest

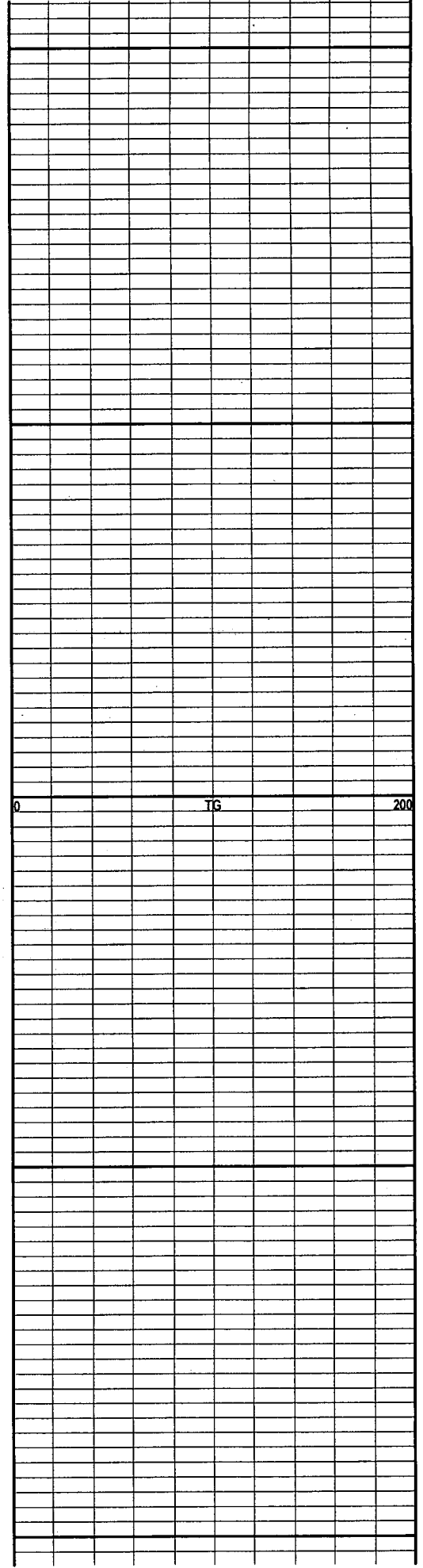
Curve Track 1		Depth	Lithology	Geological Descriptions	TG, C1-C5					
ROP (min/ft)	Gamma (API)				TG (units)	C1 (units)	C2 (units)	C3 (units)	C4 (units)	C5 (units)
0	0	48		Reference wells: Molz Oil, Roark #1 OWWO SWD, NW NW SW, 10-35S-11W. Aurora Gasoline Co. Gudeman #1, NW NW NE 10-35S-10W.	0					200
		4850		<p>10' samples were collected from old rotary total depth of 5170' to total depth. One minute drill time was recorded over the same interval. All samples were requested by and delivered to the survey.</p> <p>7 am Daily Progress: June 1, 2010 MIRT/SPUD June 2, 2010 Washing down at 1320' June 3, 2010 Lost circulation at 4510' June 4, 2010 Washing down at 5040' June 5, 2010 Washing down at 5120' June 6, 2010 Logging at 5575' June 7, 2010 Drilling at 5707' June 8, 2010 Lost returns at 5823' June 9, 2010 Finish 2 am TD 5862'</p>						

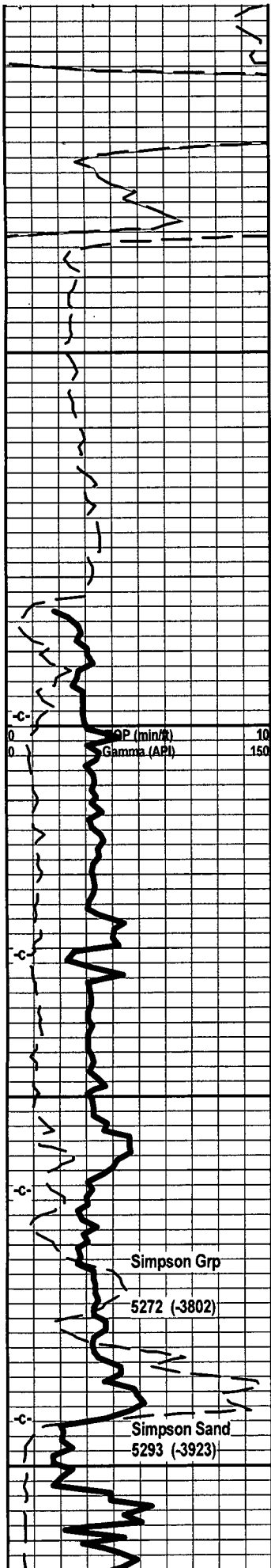
Bill Klaver
Geologist



E-Log Tops:

- Herington 1846 (-476)
- Onaga 2698 (-1328)
- Wabunsee 2763 (-1393)
- LeCompton 3478 (-2108)
- Kanwaka 3500 (-2130)
- Elgin Sand 3513 (-2143)
- Heebner 3742 (-2372)
- Toronto 3753 (-2383)
- Douglas Grp 3777 (-2407)
- Haskell 3992 (-2622)
- Stalnaker 4053 (-2683)
- Quindaro 4303 (-2933)
- KC 'Iola' 4334 (-2964)
- KC 'Dennis' 4424 (-3054)
- Stark Shale 4457 (-3087)
- KC 'Swope' 4473 (-3103)
- Hushpuckney 4492 (-3122)
- KC 'Hertha' 4505 (-3135)
- B/Kansas City 4544 (-3174)
- Pawnee 4654 (-3284)
- Cherokee Grp 4698 (-3328)
- Mississippi 4780 (-3410)
- C3 4780 (-3410)
- C2A 4793 (-3423)
- C2 4858 (-3488)
- C1 4956 (-3586)
- Osage 5012 (-3642)
- Kinderhook 5045 (-3675)
- Woodford 5090 (-3720)
- Maquoketa 5114 (-3744)
- Viola 5162 (-3792)
- Simpson Grp 5252 (-3882)
- Wilcox Sand 5275 (-3905)
- McLish Shl 5326 (-3956)
- McLish Sand 5427 (-4057)
- Arbuckle 5462 (-4092)





5200' spl was junk

lst wht off wht f sli med xln blk ang flky pcs, tr sub chiky foss frags ool, tr lt brn stain gas bubs, chrt wht shrp frsh fos

lst wht off wht, tr gry tint, f sli med xln blk flky tr sub chiky tr foss frags, chrt wht shrp frsh foss

lst tr dolo, wht tan tr gry tint f xln blk ang dns hrd, chrt dull tan shrp frsh foss opa

lst tr dolo off wht tan tr lt gry, f xln blk dns ang hrd tr foss mic foss, chrt tan dull gry tan shrp frsh foss opa

lst tr dolo, wht tan tr lt gry f xln blk ang hrd dns chrt, chrt dull tan gry shrp frsh foss opa

lst off wht lt gry tan f vf xln blk ang hrd dns micro foss, chrt, chrt dull tan/gry shrp frsh blk opa

lst/dolo crm tan f vf xln dns hrd blk tr foss, chrt, chrt dull tan gry shrp frsh

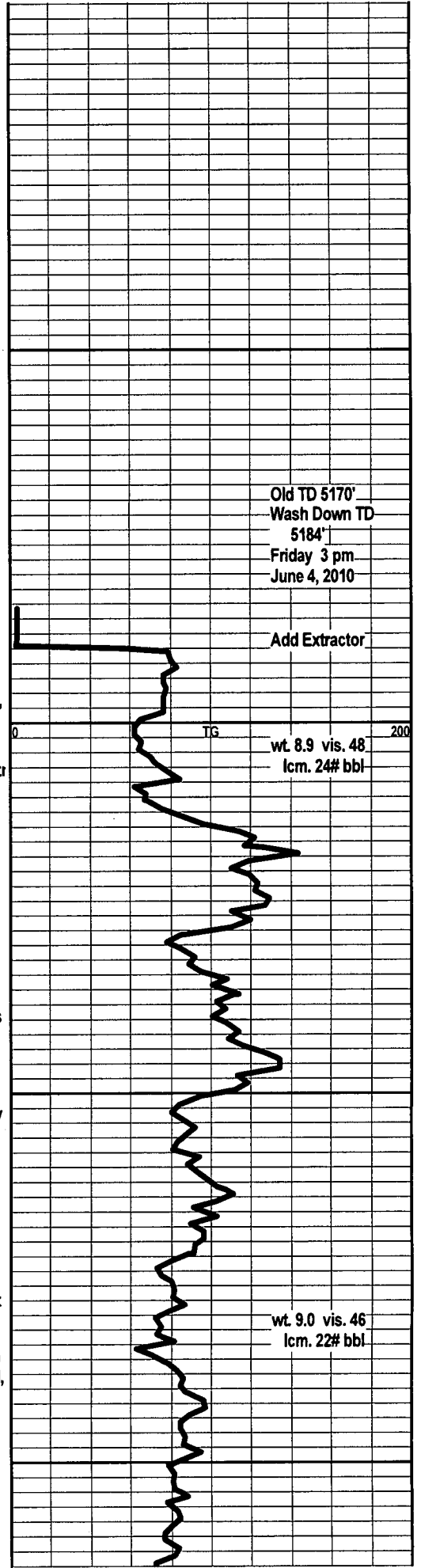
shl gry gry/green silty, slick grsy gritty, lst tan lt brn vf xln blk ang hrd dns chrt

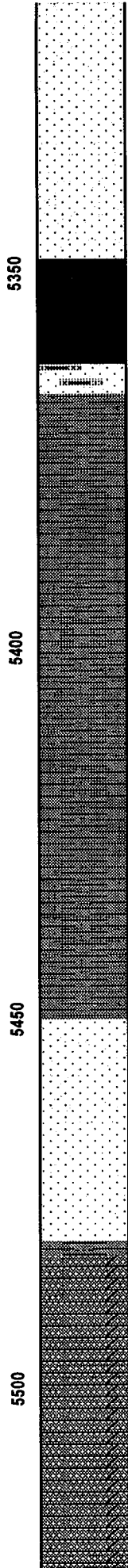
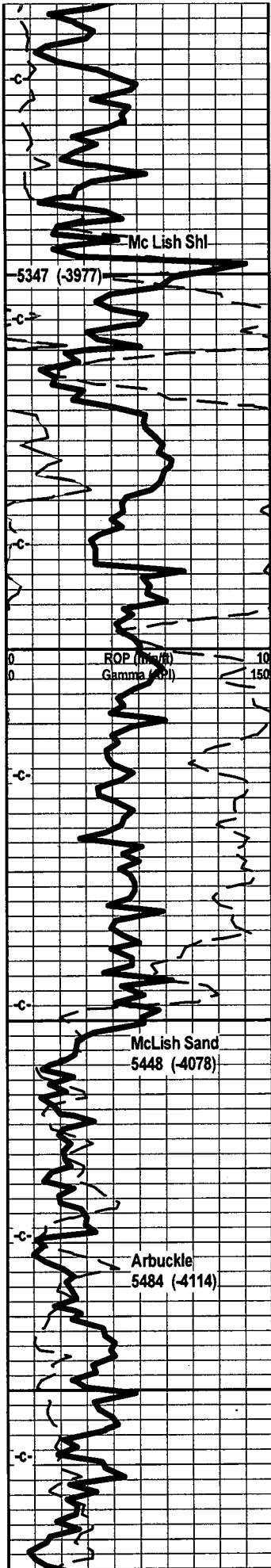
shl gry gry green silty, tr glau, flood of Viola wht flky lst, chrt wht shrp frsh

shl green lt teal green, silty gritty, fn, clr snd grm inclu, tr sst gry green vf grnd sub rded, prly srted, w/cem, silic xln fill hvy clay/green shl fill

sst clr wht tan clstrs, f grnd sub ang/sub rded grns, prly srted sub fria to tite, w/cem, dolo in prt, tr clay fill, pyritic fill

sst wht clr lt gry clstrs f grnd sub rded, tr sub ang, fairly srted, sub fria to tite, tr fria, tr dolo, tr dead flky stain, tr gas bubs





sst clr wth clstrs, f grnd, sub rded, tr sub ang, w/srtd, sub fria, w/cem, mstly hrd blk ang clstrs, tr dolo, tr dead blk flky stain

aa, poor spl, mstly lcm

sst wht clr tr tan clstrs, f grnd sub rded tr ang, w/srtd, w/cem to sub fria, blk clstrs, tr clay/min fill, tr dolo

shl gry green silty sndy gritty, sst aa

sst wht lt green clstrs vf grnd sub ang tr rded, w/srtd, blk hrd tite, glau, shl drk gry/green silty sndy

shl gry green, teal green silty sndy gritty, sst aa, poor spls. msly lcm

shl green silty sndy gritty, sst aa

shl gry green teal green silty sndy, grsy wxy

shl gry green teal green silty sndy gritty pyritic beds, grsy wxy, slick

shl drk gry green silty sndy gritty, tr sst green fn grnd sub ang grms hvy glau clay fill

shl gry gry/green silty sndy gritty, sst gry tan vf grnd sug ang blk ang tite clstrs, glau

aa, shls gry drk gry green silty sndy gritty, glau, sst gry tan clstrs fn grnd sub ang blk ang tite clstrs glau

shl gry med gry/green silty sndy gritty, snd gm inclu, pyritic, glau

shl aa, sst tan gry clstrs, f vf grnd sub ang, w/srtd sub fria to tite, blk ang shrp clstrs, tr glau, tr pyritic fill, min fill

sst wht clr and gry clstrs, f grnd sub ang tr sub rded, w/srtd, tr prly srtd, sub fria to tite, glau, tr min fill, mstly w/cem, silic cem, tr vit, tr dolo, msly blk ang hrd clstrs. abun loose clr rded fn grnd grains in spl tray

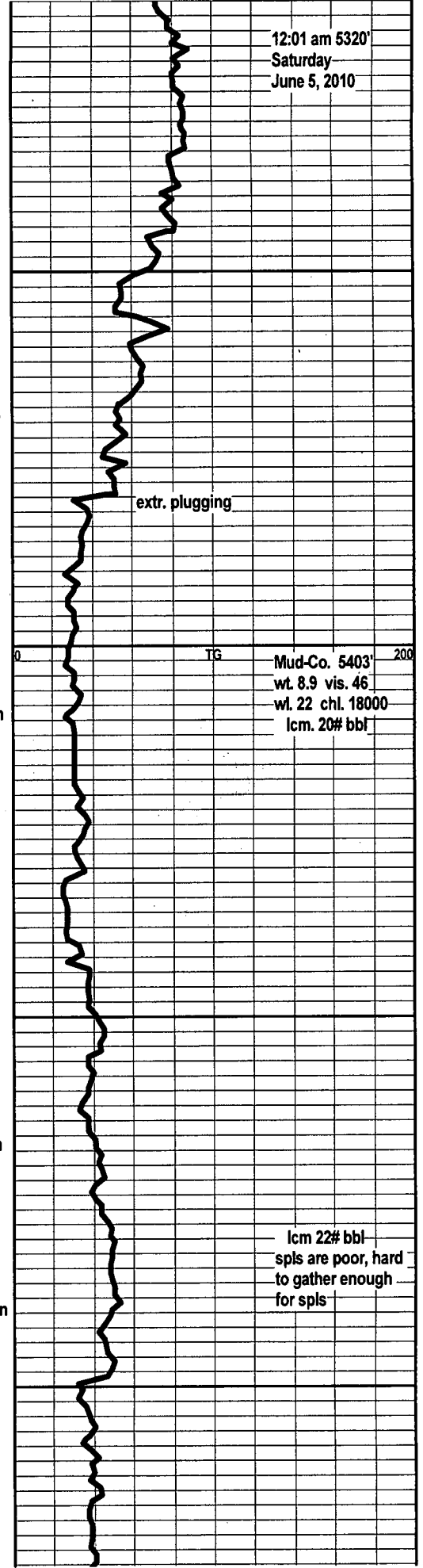
dolo tan buff lt brn f vf xln blk ang gran tr sucr text, tr sndy

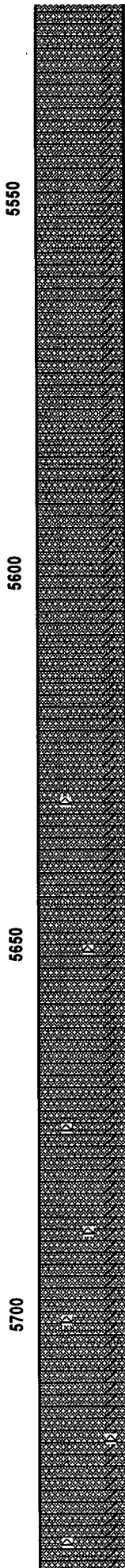
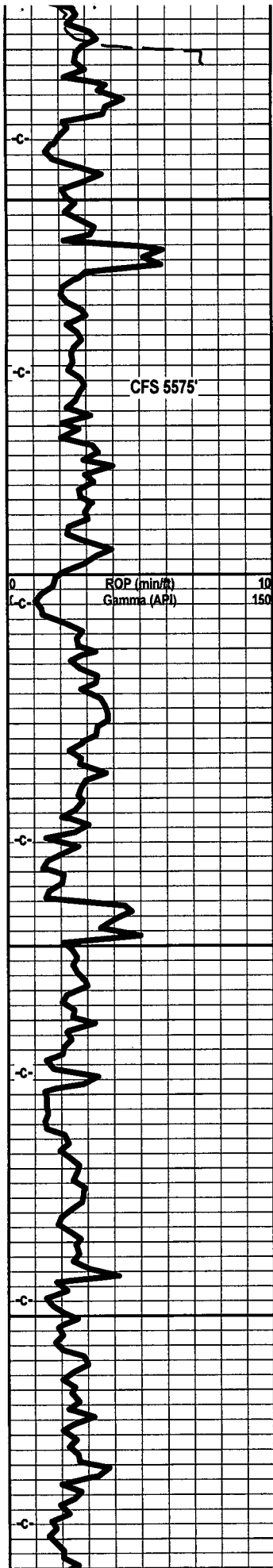
dolo tan buff lt brn f vf xln dns hrd blk ang gran tr sucr text, tr mic foss, inter xln por

dolo tan buff brn f vf xln gran dns blk hrd tr sucr text, vis inter xln por

dolo tan buff brn f vf xln gran blk ang dns hrd, tr sucr text, inter xln por

dolo crm buff tan f xln gran blk ang pcs, fair inter xln por, tr sucr text tr micro foss





dolo crm buff lt brn f vf xln dns hrd blk ang
gran suc in prt tr nodular, inter xln por tr mic
foss frags

dolo tan off wht buff f vf xln dns hrd blk gran sli
sucr, micro foss frags, tr sndy gritty, vis inter xln
por

dolo crm buff lt brn f vf xln gran blk ang hrd, sli
sucr text, tr foss frags, fair inter xln por

dolo tan buff brn f vf xln blk ang dns hrd tr
foss, suc text in prt, inter xln por tr nodular
(small)

dolo tan buff lt brn f xln gran suc text, gd vis
inter xln por,

dolo wht tan lt brn f vf xln blk ang suc sndy
blk dns

dolo tan buff lt brn, tr drkr brn f vf xln blk ang
dns hrd pcs, sli suc/silic text, f/gd inter xln por

dolo tan buff lt brn tr drkr brn f vf xln hrd gran
ang blk pcs, silic sli suc text, f/gd inter xln por

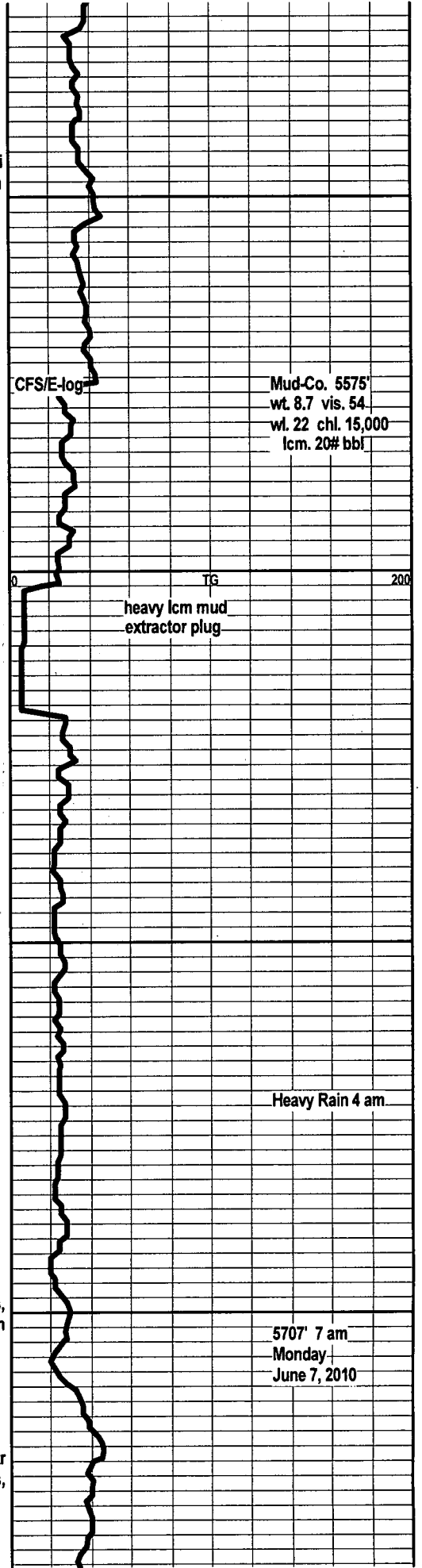
dolo lt tan off wht drk tan f vf xln gran blk ang
pcs, sndy suc text, tr sndy, inter xln por

dolo lt tan off wht drkr tan f vf xln gran ang blk
pcs, snd suc text, suc silic text, vis inter xln
por,

dolo tan buff f vf xln gran ang blk pcs, suc
text, small nod text, inter xln por, tr small rhom
xstls

dolo off wht tan buff f xln gran blk ang dns pcs,
suc silic text, small nodular rhom xstls, inter xln
por, tr chrt wht shrp frsh

dolo off wht tan buff, fvf xln gran blk ang hrd, tr
suc sndy text, fair vis inter xln por, tr foss frags,
tr xln edge, tr rhom xln, tr wht opag chrt

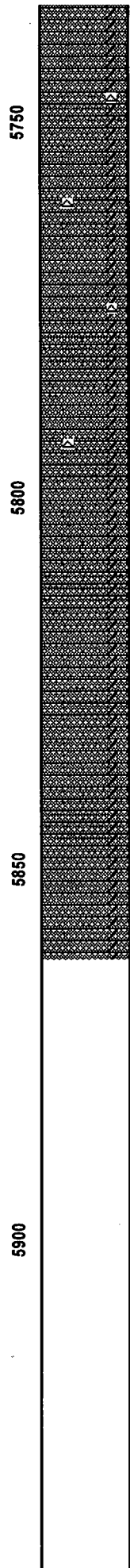
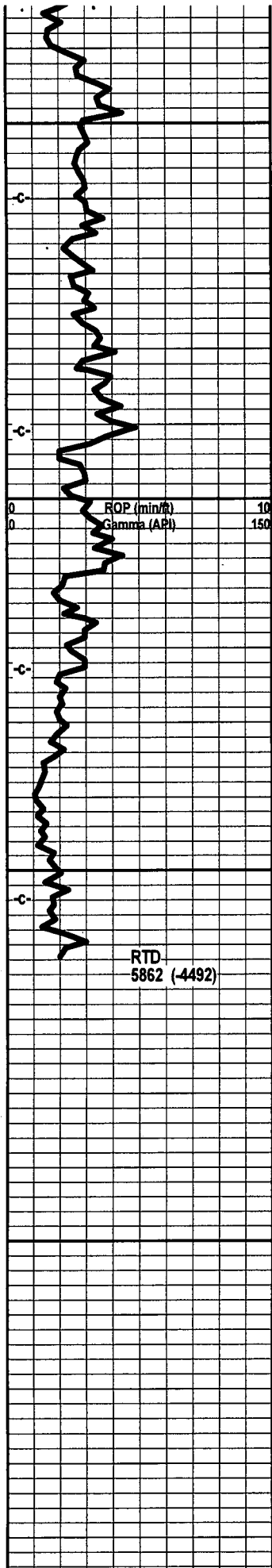


Mud-Co. 5575'
wt. 8.7 vis. 54
wt. 22 chl. 15,000
lcm. 20# bb

heavy lcm mud
extractor plug

Heavy Rain 4 am

5707' 7 am
Monday
June 7, 2010



dolo off wht tan buff f xln gran blk y ang sm rhom
xln text, silic text, f/gd inter xln por, chrt wht
opaq shrp frsh

dolo off wht buff tan f xln fnly rhom xln test, silic
in prt, blk y ang pcs, f/gd inter xln por, chrt wht
shrp opa

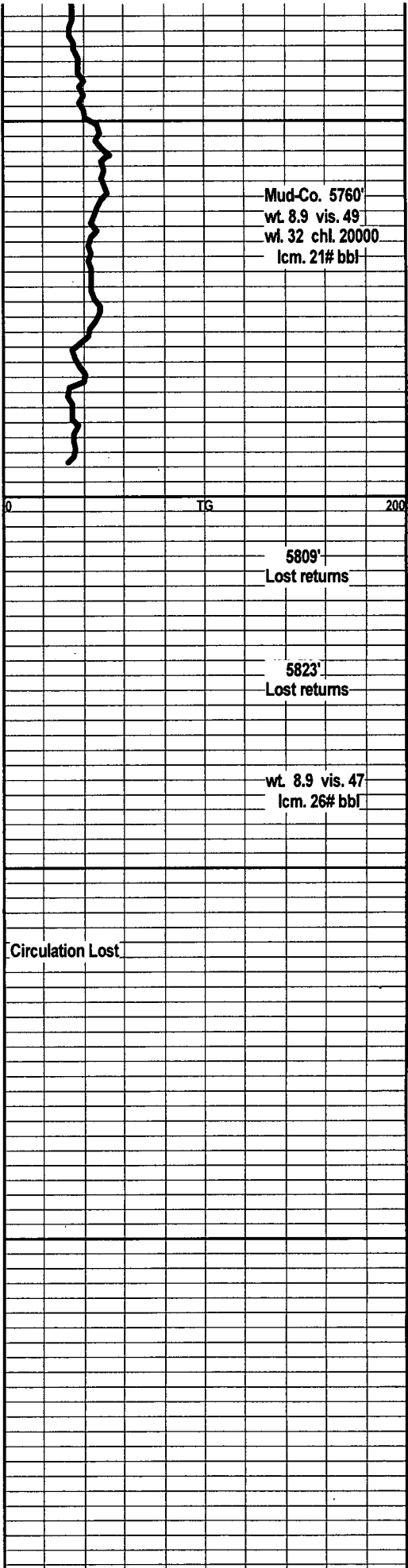
dolo tan buff off wht f tr sli med xln, small rhom
xln text, silic, tr sucr text, blk y ang pcs, f/gd inter
por, pyritic min dep, chrt wht shrp frsh opa

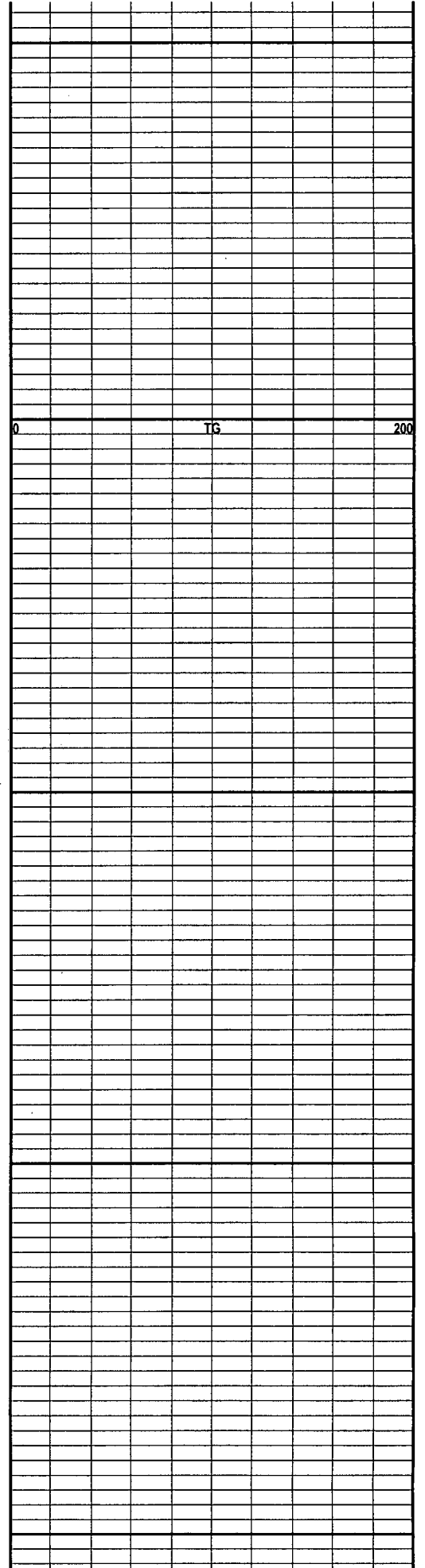
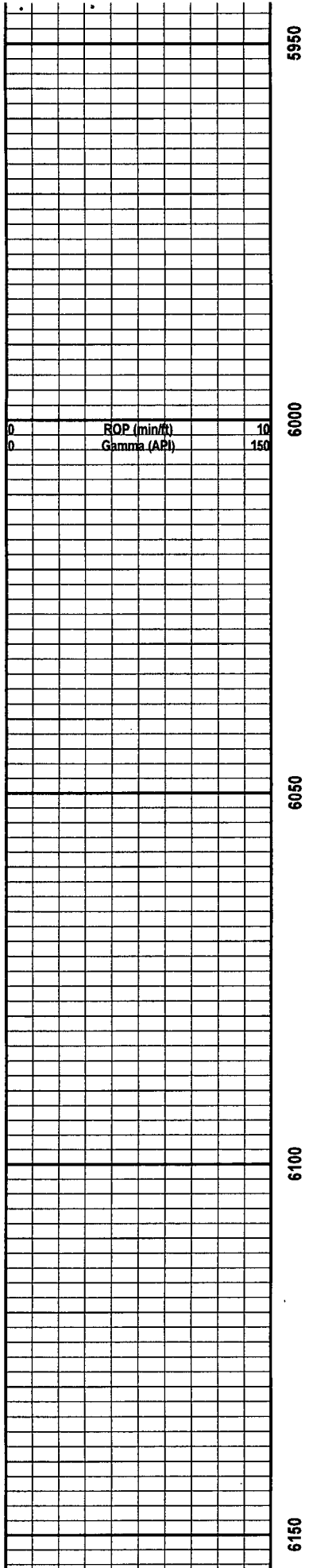
Sample of no value, losing fluid and lost returns

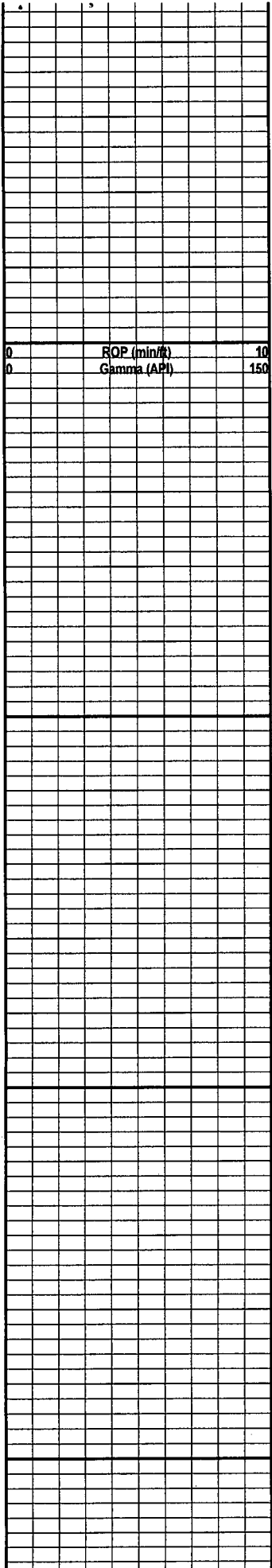
Minimal returns.....

Estimate total loss of 1700 bbls.

E-log tops were 21' high to rotary depths, pipe
strap was .20' short to the board. No obvious
errors could be found when the board was
re-added. Original rotary and loggers total depth
when drilled in 1978 was 5170'. Val Energy Rig #3
wash down total depth was 5184'. 21' drilling
depth difference remains a mystery.





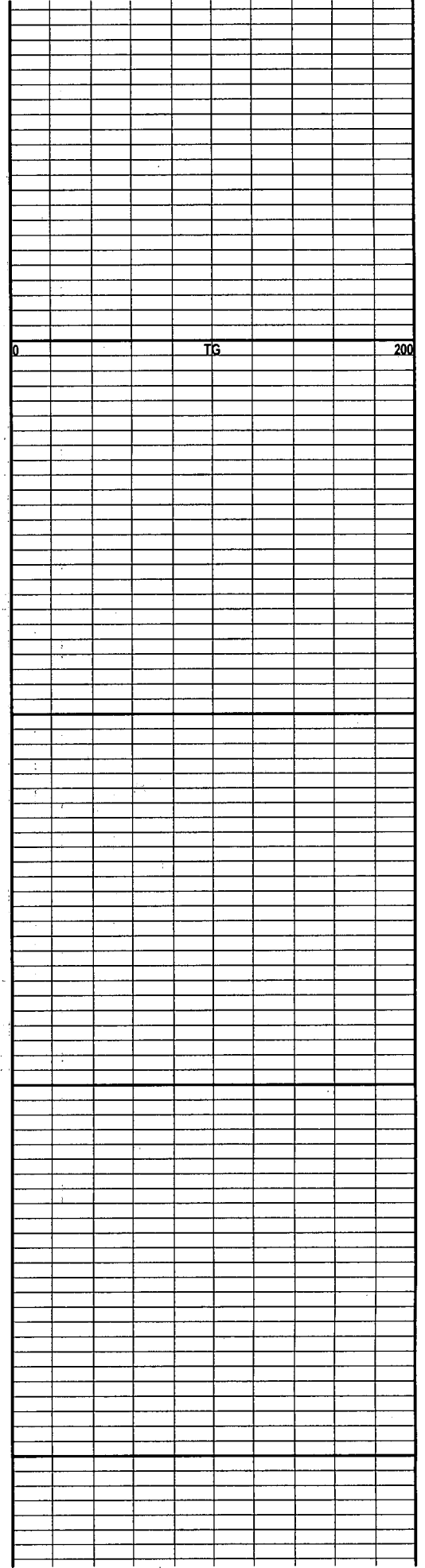


6200

6250

6300

6350



6200

TG

200

6250

6300

6350

