



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1238781
OIL & GAS CONSERVATION DIVISION

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 # _____

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
- Plug Back Conv. to GSW Conv. to Producer
- 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

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical 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

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1238781

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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 <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 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
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> 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 <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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	RMR Operating, LLC
Well Name	Stalcup 1
Doc ID	1238781

All Electric Logs Run

CDNL
DLL
Micro
Radiation Guard



QUALITY OILWELL CEMENTING, INC.
 PO Box 32 - 740 West Wichita Ave, Russell KS 67665
 Phone: 785-324-1041 fax: 785-483-1087
 Email: cementing@ruraltel.net

Date: 8/27/2014
 Invoice # 335

P.O.#:

Due Date: 9/26/2014
 Division: Russell

Invoice RECEIVED
 SEP 02 2014

BY:

Contact:
 RED MOUNTAIN RESOURCES
Address/Job Location:
 RED MOUNTAIN RESOURCES
 2515 MCKINNEY AVENUE
 STE 900
 DALLAS TX 75201

Reference:
 STALCUP 1 10-16-18

Description of Work:
 PROD STRING

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 1,530.82	No	Bulk Truck Mileage-Job to Nearest Bulk Plant	37	\$241.50	No
Common-Class A	225	\$ 3,772.06	Yes				
Gilsonite	1057	\$ 1,772.03	Yes				
5 1/2" Basket	3	\$ 1,153.41	Yes				
Bulk Truck Matl-Material Service Charge	254	\$ 567.76	No				
5 1/2" Turbolizer	8	\$ 518.59	Yes				
Mud Clear	500	\$ 413.53	Yes				
Pump Truck Mileage-Job to Nearest Camp	37	\$ 412.70	No				
Auto Fill Float Shoe, 5 1/2"	1	\$ 342.00	Yes				
Salt (Fine)	19	\$ 296.44	Yes				
Latch Down Plug & Baffle, 5 1/2"	1	\$ 250.35	Yes				

SubTotal: \$ 11,271.20

Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice: \$ (1,690.68)

SubTotal for Taxable Items: \$ 7,240.65

SubTotal for Non-Taxable Items: \$ 2,339.87

Total: \$ 9,580.52

Tax: \$ 445.30

6.15% Rush County Sales Tax

Amount Due: \$ 10,025.82

Applied Payments:

Balance Due: \$ 10,025.82

Thank You For Your Business!

Past Due Invoices are subject to a service charge (annual rate of 24%)
 This does not include any applicable taxes unless it is listed.
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QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

No. 335

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

Date	8-27-14	Sec.	10	Twp.	16	Range	18	County	Rush	State	KS	On Location	1.30 AM	Finish	5.30 AM
								Location	Rush Center 2 N Ord						

Lease	Stalcup	Well No.	7	Owner	3/4 E Ninto
Contractor	Val		6	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.	

Type Job	Long String	Charge To	RMR Operating
Hole Size	7 7/8	T.D.	3920
Csg.	5 1/2	Depth	3919.20

Tbg. Size		Depth		City		State	
Tool		Depth		The above was done to satisfaction and supervision of owner agent or contractor.			
Cement Left in Csg.	42.13	Shoe Joint	42.13	Cement Amount Ordered	225	10% Salt	

Meas Line		Displace	97.4 BBL	5% Gilsonte	Yeflow
EQUIPMENT			Common	225	
Pumptrk	20	No.		Cementer	Not
Bulktrk	15	No.		Helper	
Bulktrk	pu	No.		Driver	Nick
				Driver	Chad

JOB SERVICES & REMARKS			Hulls	
Remarks:			Salt	19
Rat Hole	30 S/S		Flowseal	
Mouse Hole	15 S/S		Kol-Seal	1057 #
Centralizers	1-3-7-10-13-15-18-23		Mud CLR 48	Seagol
Baskets	2-11-21		CFL-117 or CD110 CAF 38	
D/V or Port Collar			Sand	
	Dropped Ball Circulated		Handling	254
	1 hour Run mud flush		Mileage	5 1/2
	plug Rat and mouse hole		FLOAT EQUIPMENT	
	mixed 150 down		Guide Shoe	
	hole displaced with		Centralizer	8 turbos
	water		Baskets	3

			AFU Inserts	
			Float Shoe	1
			Latch Down	1
			Double plug	

	Lift 700	PSI	Pumptrk Charge	prod string
	Land 1600	PSI	Mileage	37

X	Signature		Tax	
			Discount	
			Total Charge	



QUALITY OILWELL CEMENTING, INC.
 PO Box 32 - 740 West Wichita Ave., Russell KS 67665
 Phone: 785-324-1041 fax: 785-483-1087
 Email: cementing@ruraltel.net

Date: 8/20/2014
 Invoice # 378

P.O.#:

Due Date: 9/19/2014
 Division: Russell

Invoice

RECEIVED
 AUG 25 2014

BY:

Contact:
 RED MOUNTAIN RESOURCES
Address/Job Location:
 RED MOUNTAIN RESOURCES
 2515 MCKINNEY AVENUE
 STE 900
 DALLAS TX 75201

Reference:
 STAKOP 1 10-18-18

Description of Work:
 LONG SURFACE JOB

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 1,020.55	No				
Common-Class A	315	\$ 5,280.88	Yes	8.5/8" Top Rubber Plug	1	\$118.47	Yes
Bulk Truck Matl-Material Service Charge	475	\$ 1,061.76	No	Baffle Plate Aluminum, 8.5/8"	1	\$100.59	Yes
Calcium Chloride	16	\$ 995.33	Yes				
POZ Mix-Standard	135	\$ 950.56	Yes				
Pump Truck Mileage-Job to Nearest Camp	37	\$ 412.70	No				
8.5/8" Basket	1	\$ 353.18	Yes				
Flo Seal	112	\$ 250.35	Yes				
Bulk Truck Mileage-Job to Nearest Bulk Plant	37	\$ 241.50	No				
8.5/8" Centralizer	3	\$ 214.59	Yes				
Premium Gel (Bentonite)	9	\$ 163.76	Yes				

SubTotal: \$ 11,164.22

Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice: \$ (1,674.63)

SubTotal for Taxable Items: \$ 7,163.55

SubTotal for Non-Taxable Items: \$ 2,326.04

Total: \$ 9,489.59

Tax: \$ 440.56

6.15% Rush County Sales Tax

Amount Due: \$ 9,930.15

Applied Payments:

Balance Due: \$ 9,930.15

Thank You For Your Business!

Past Due Invoices are subject to a service charge (annual rate of 24%)
 This does not include any applicable taxes unless it is listed.
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QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 378

Date	8-20-14	Sec.	10	Twp.	18	Range	18	County	Rush	State	KS	On Location		Finish	6:30 p.m.
Location								Rush Center 20 3/4 E N into							

Lease	Stackop	Well No.	1	Owner	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Contractor	Val #6			Charge To	Red Mountain Resources
Type Job	Surface			Street	
Hole Size	12 1/4	T.D.	1237	City	
Csg.	8 5/8	Depth	1237	State	
Tbg. Size		Depth		The above was done to satisfaction and supervision of owner agent or contractor.	
Tool		Depth		Cement Amount Ordered	450 70/30 3/CC 2/CEL
Cement Left in Csg.	42'	Shoe Joint	42'		1/4 #4
Meas Line		Displace	76 B/L		

EQUIPMENT

Pumptrk	20	No.	Cement Helper	Common	315
Bulktrk		No.	Driver	Poz. Mix	135
Bulktrk	21	No.	Driver	Gel.	9
		No.	Driver	Calcium	16

JOB SERVICES & REMARKS

Remarks:		Hulls	
Rat Hole		Salt	
Mouse Hole		Flowseal	112#
Centralizers		Kol-Seal	
Baskets		Mud CLR 48	
D/V or Port Collar		CFL-117 or CD110 CAF 38	
	8 5/8 on bottom. Est. Circulation Mix	Sand	
	450 SK + Displace Plug	Handling	435
		Mileage	

FLOAT EQUIPMENT

	Cement Circulated.	Guide Shoe	8 5/8
	Plug Landlog 1000#.	Centralizer	3
	Shut in @ 200#.	Baskets	1
		AFU Inserts	Bottle Pate
		Float Shoe	Rubber Plug
		Latch Down	

Pumptrk Charge	Long Surface
Mileage	37

Tax	
Discount	
Total Charge	

X Signature *Pang D. Monte*

Serial #: 8524

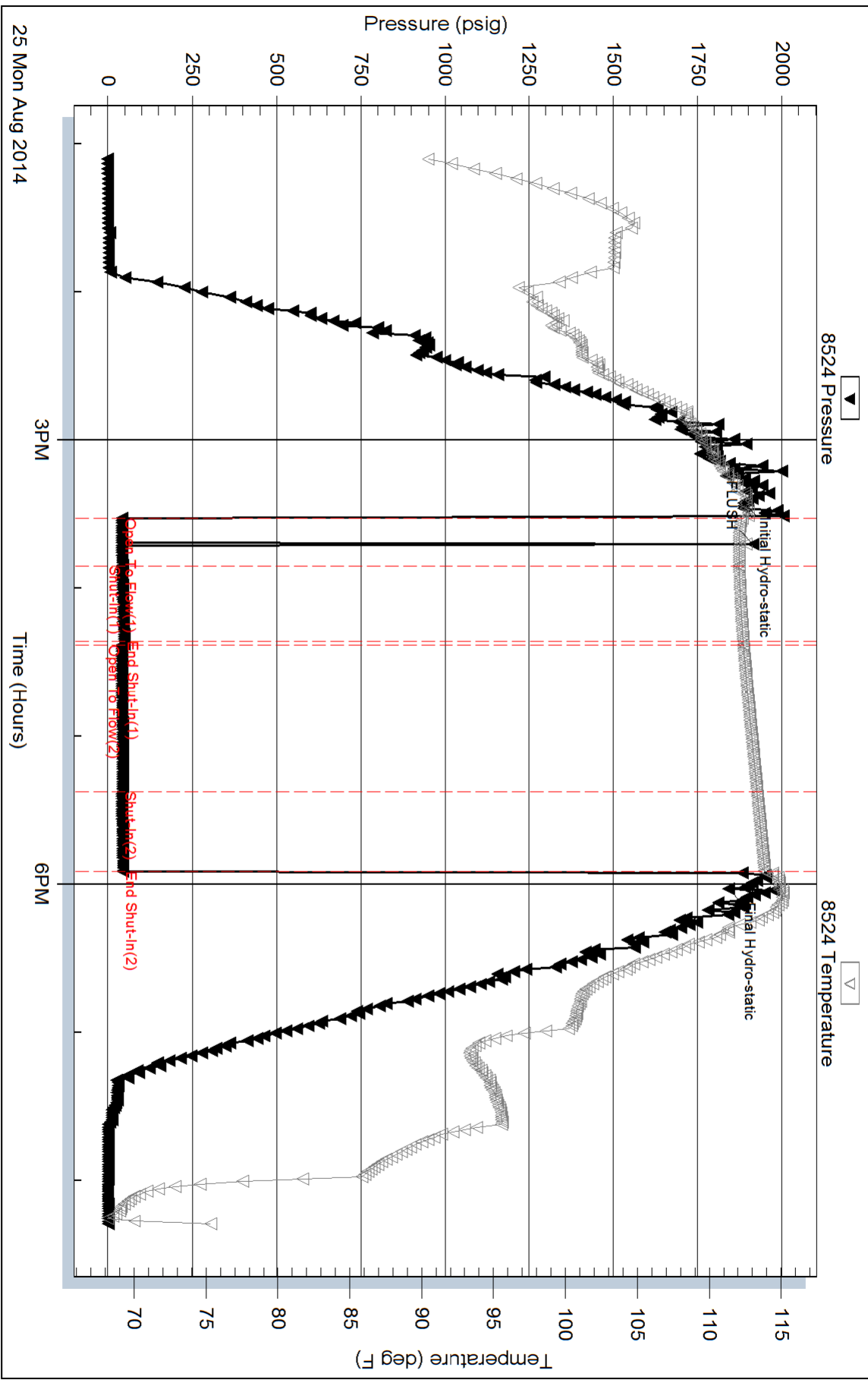
Inside

RMR Operating LLC

Statcup #1

DST Test Number: 1

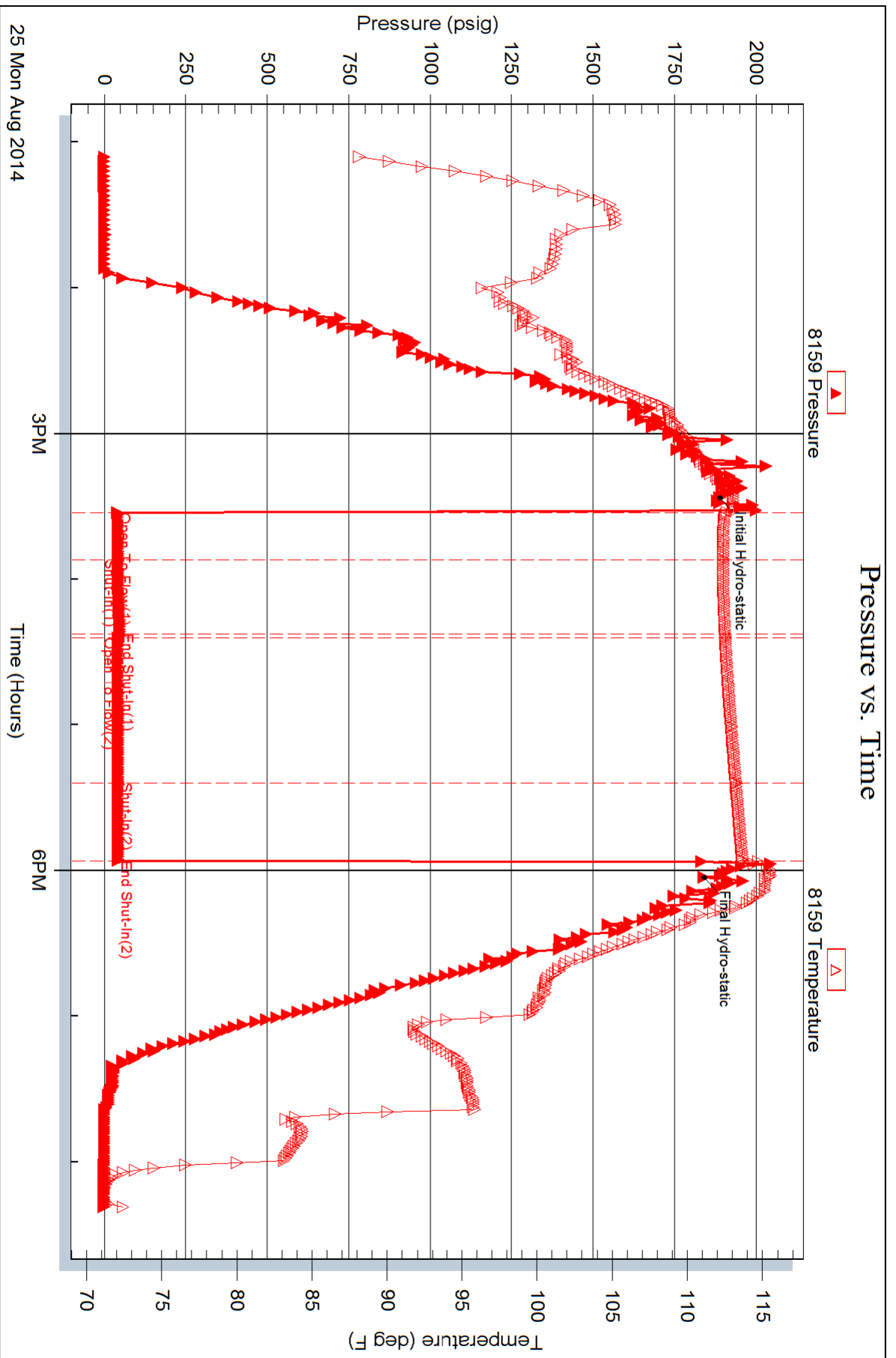
Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 60343

Printed: 2014.08.25 @ 21:06:19





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

RMR Operating LLC
2515 McKinney AVE. Suite 900
Dallas Tx, 75201
ATTN: Dick Jackson

10/18s/18w/Rush
Stalcup #1
Job Ticket: 58397 **DST#: 2**
Test Start: 2014.08.26 @ 10:07:39

Mud and Cushion Information

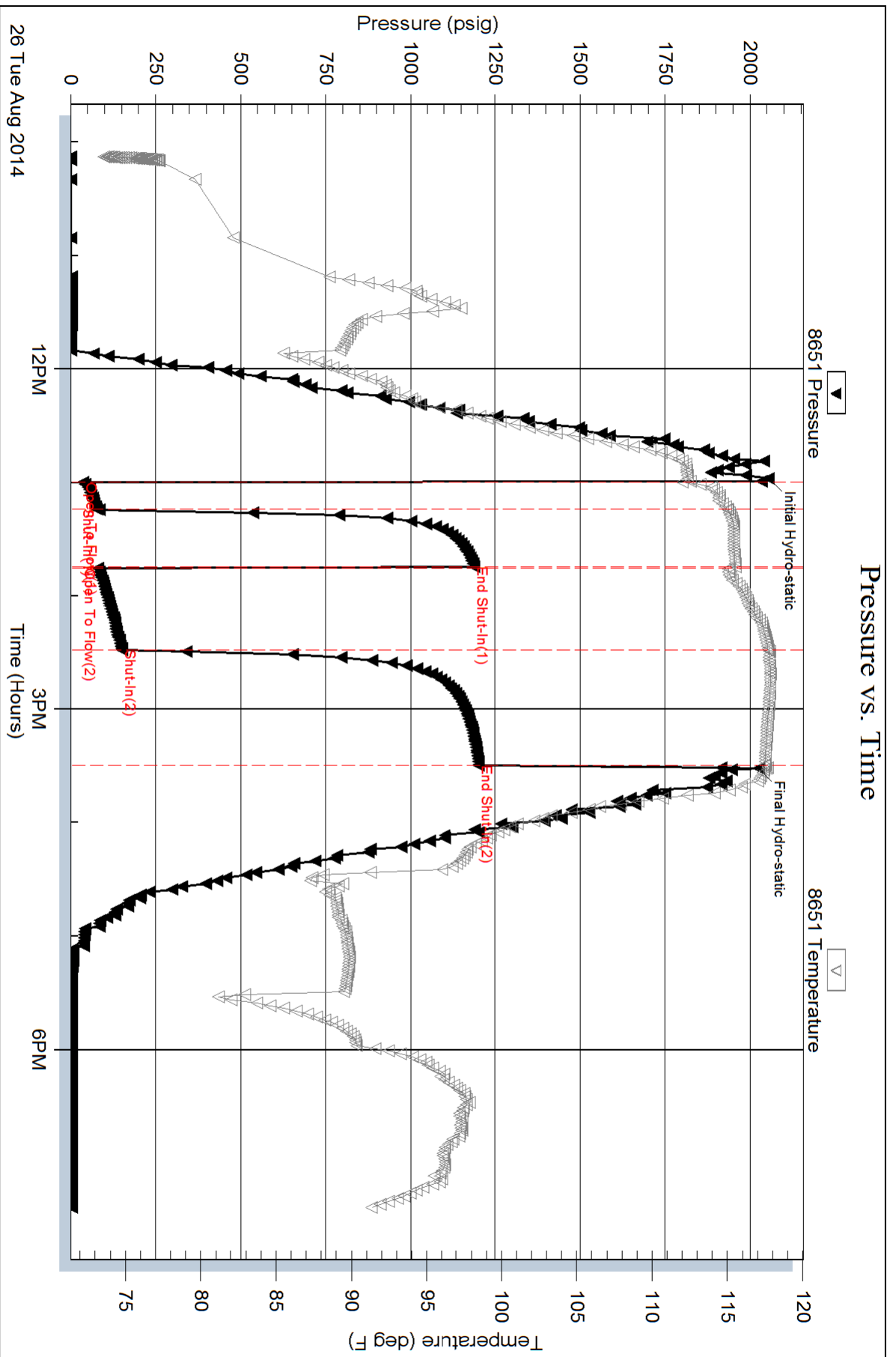
Mud Type: Gel Chem	Cushion Type:	Oil API: 32 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl	
Water Loss: 8.79 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 5000.00 ppm		
Filter Cake: inches		

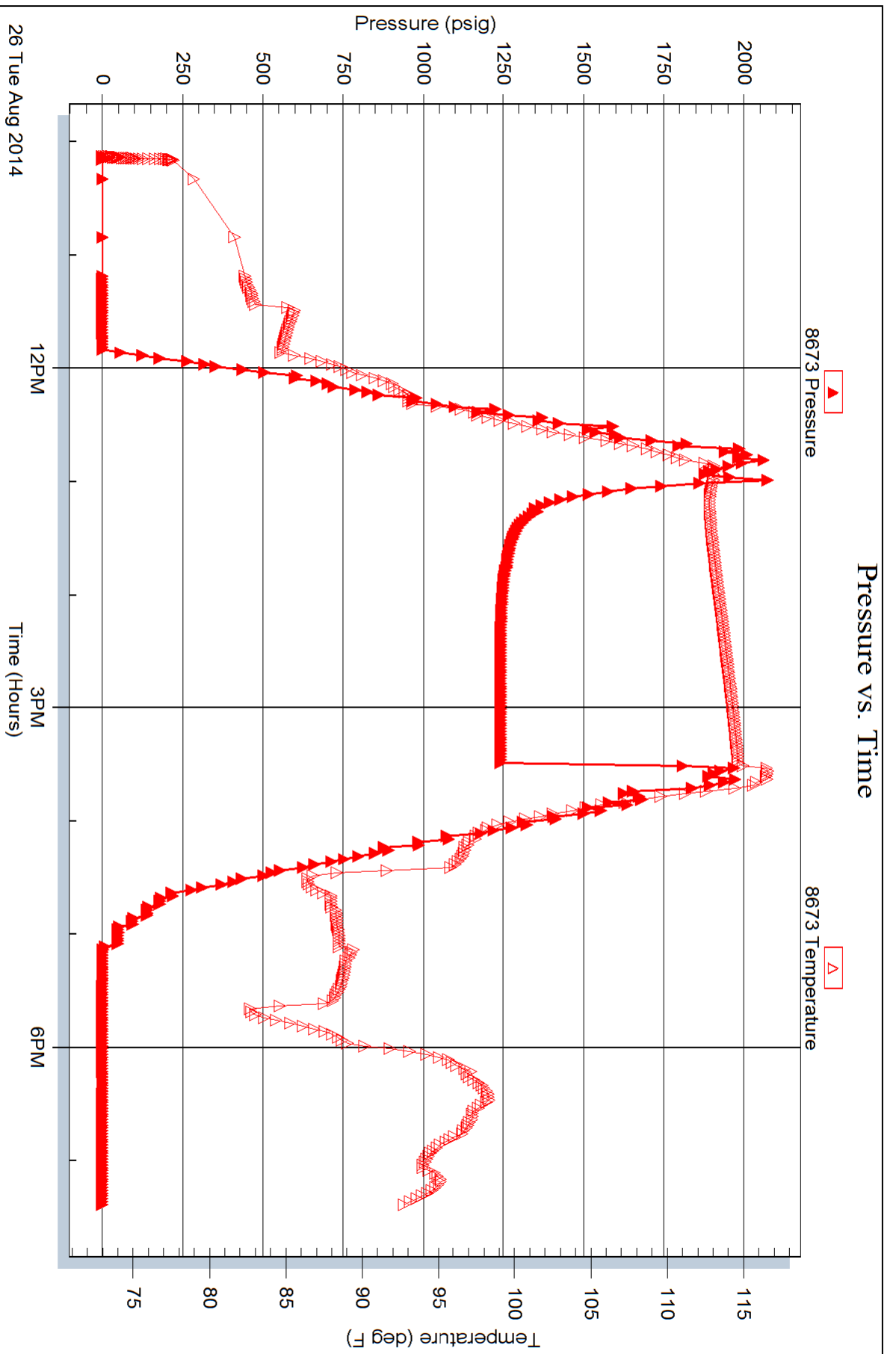
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
125.00	GO, 10%G 90%O	1.708
215.00	SGHOCM, 5%G 40%O 55%M	2.937
0.00	95' GIP	0.000

Total Length: 340.00 ft Total Volume: 4.645 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:



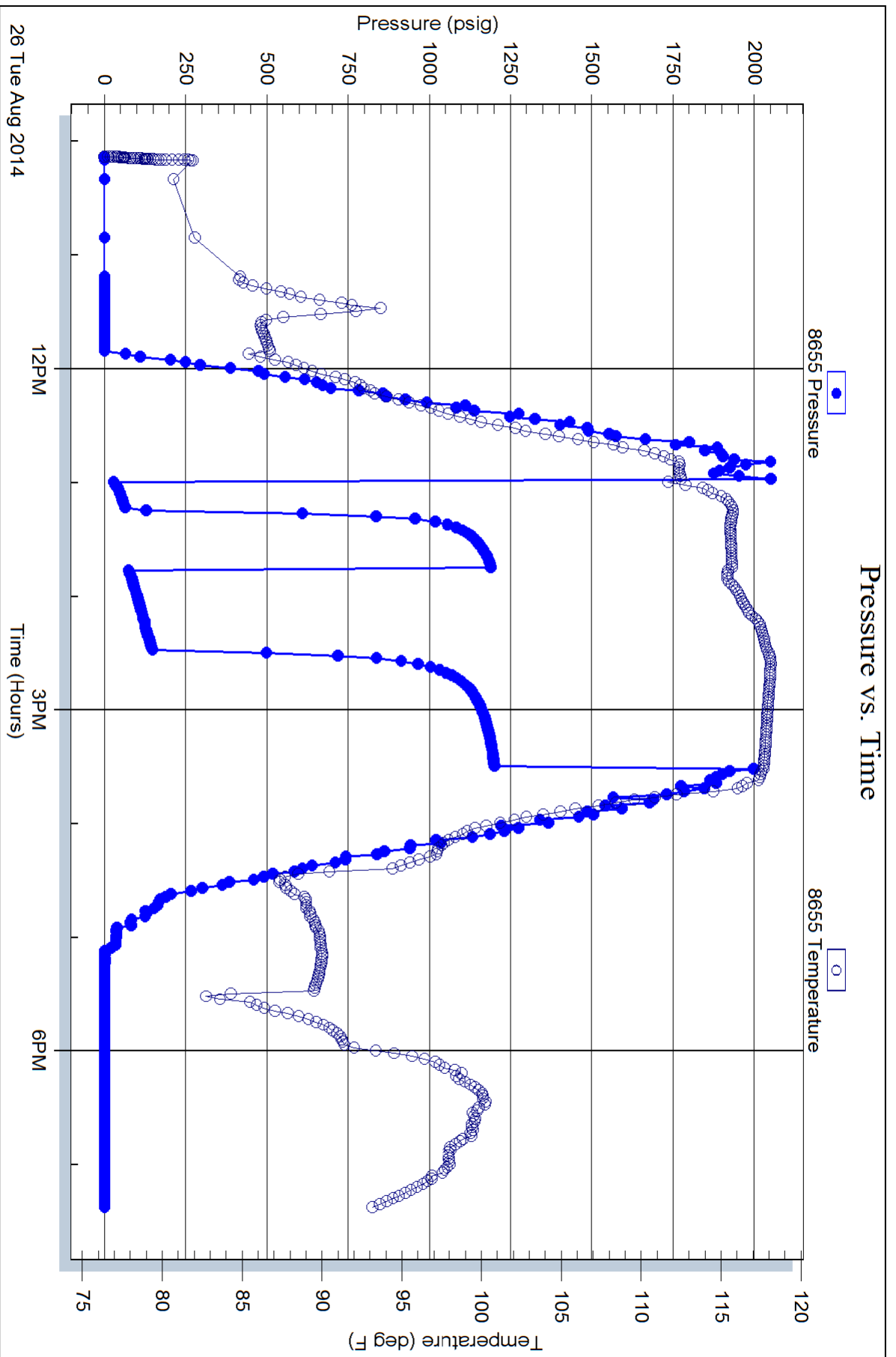


Serial #: 8655

Outside RMR Operating LLC

Stalcup #1

DST Test Number: 2





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

Well Name: RMR STALCUP #1
Well Id:
Location: SEC 10 T18S R18W RUSH CO., KS
License Number: API 1516522089
Spud Date: 8-19-14
Surface Coordinates: 2310'FNL & 1810'FEL OF SEC
Region:
Drilling Completed: 8-26-14
Bottom Hole AS ABOVE
Coordinates:
Ground Elevation (ft): 2069' K.B. Elevation (ft): 2079'
Logged Interval (ft): 200' To: 3920' Total Depth (ft): 3920'
Formation: ALLUVIUM-ARBUCKLE
Type of Drilling Fluid: NATIVE-FRESH CHEM

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

OPERATOR

Company: RMR
Address: 2515 MCKINNEY AVE
SUITE 900
DALLAS, TX. 75201

GEOLOGIST

Name: DICK JACKSON
Company: RMR
Address:

Comments

VAL RIG 6 SAMPLES
 GEODYNAMIC WELL LOGGING UNIT 16
 LOGGER-SPENCER CORRELL

ROCK TYPES

	Anhy		Congl		Mrlst		Ss
	Bent		Dol		Salt		Till
	Brec		Gyp		Shale		sdy sh
	Cht		Igne		Shcol		calc sh
	Clyst		Lmst		Shgy		shale
	Coal		Meta		Sltst		carb sh

ACCESSORIES

MINERAL		Minxl		Crin		Gyp	
	Anhy		Nodule		Echin		Ls
	Arggrn		Phos		Fish		Mrlst
	Arg		Pyr		Foram		Sltstrg
	Bent		Salt		Fossil		Ssstrg
	Bit		Sandy		Gastro		
	Brecfrag		Silt		Oolite	TEXTURE	
	Calc		Sil		Ostra		Boundst
	Carb		Sulphur		Pelec		Chalky
	Chtdk		Tuff		Pellet		Cryxln
	Chtlt				Pisolite		Earthy
	Dol	FOSSIL			Plant		Finexln
	Feldspar		Algae		Strom		Grainst
	Ferrpel		Amph				Lithogr
	Ferr		Belm	STRINGER			Microxln
	Glau		Bioclst		Anhy		Mudst
	Gyp		Brach		Arg		Packst
	Hvymin		Bryozoa		Bent		Wackest
	Kaol		Cephal		Coal		
	Marl		Coral		Dol		

OTHER SYMBOLS

POROSITY TYPE		Well		Angular	INTERVALS		Core	
	Fenest		Moderate	OIL SHOWS		Dst		
	Fracture		Poor					
	Inter	ROUNDING						
	Moldic		Rounded				EVENTS	
	Organic		Subrnd					Rft
	Pinpoint		Subang					Sidewall
	Vuggy							

Curve Track 1

ROP (min/ft)

Gamma (API)

————

- - - - -

TG, C1-C5

TG (units)

C1 (units)

C2 (units)

C3 (units)

C4 (units)

C5 (units)

————

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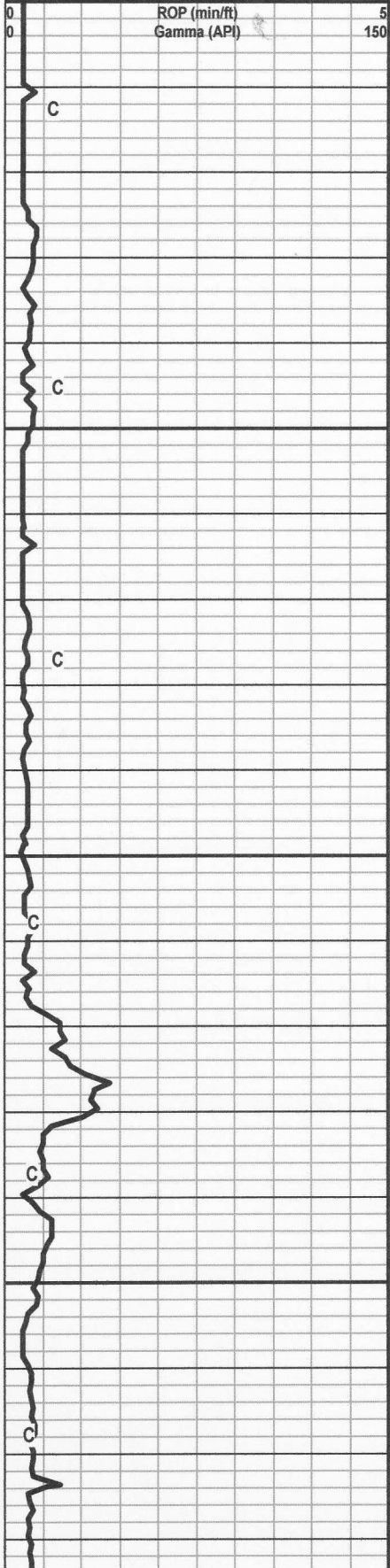
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Depth
% Lithology

Oil Shows

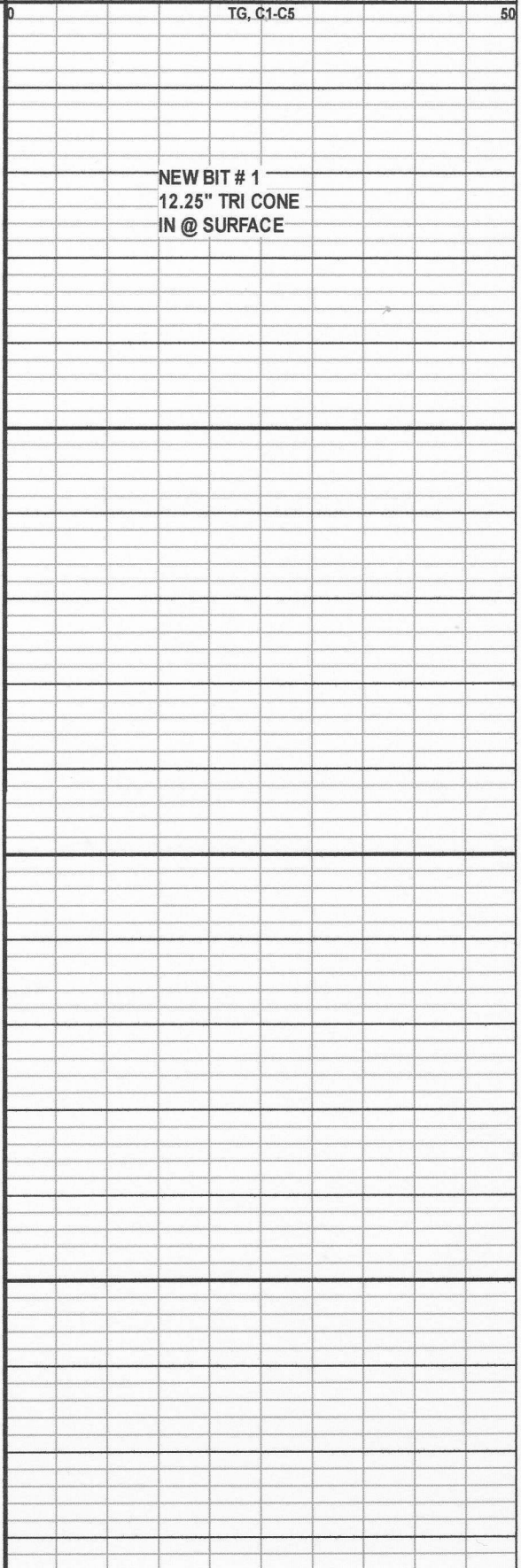
Geological Descriptions

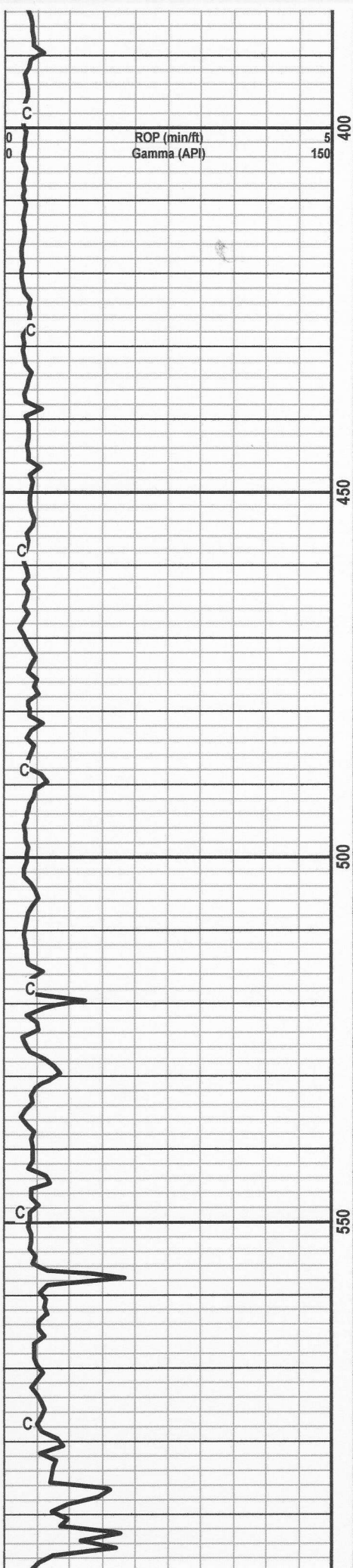


SPUD 8-19-14 BEGIN ONE MAN LOGGING OPERATIONS @ 200' 8-19-14

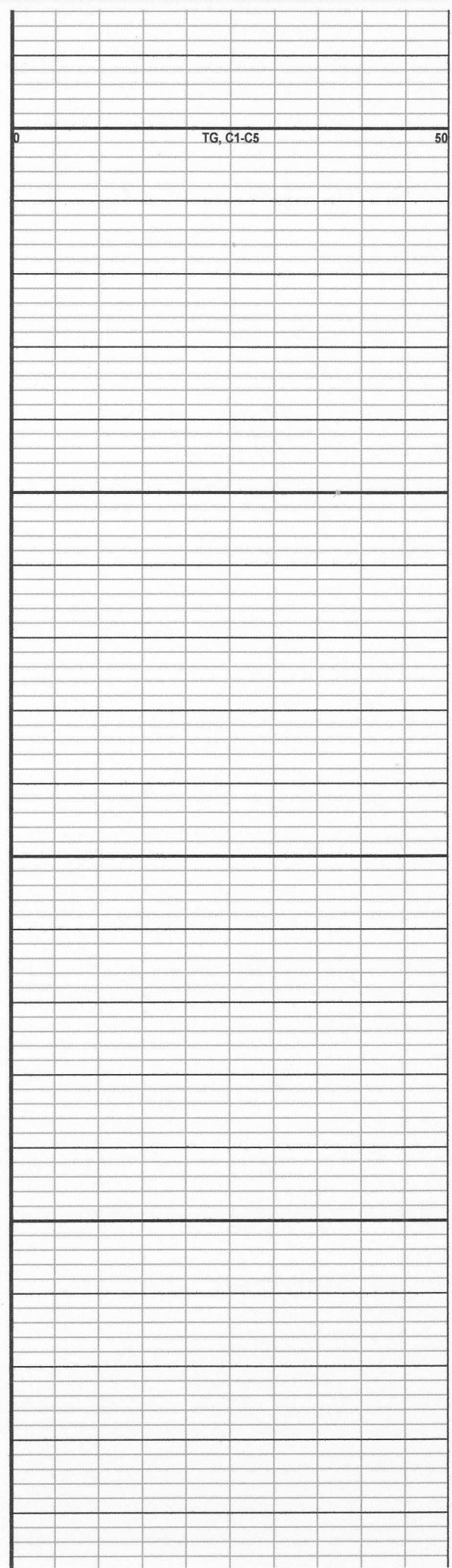
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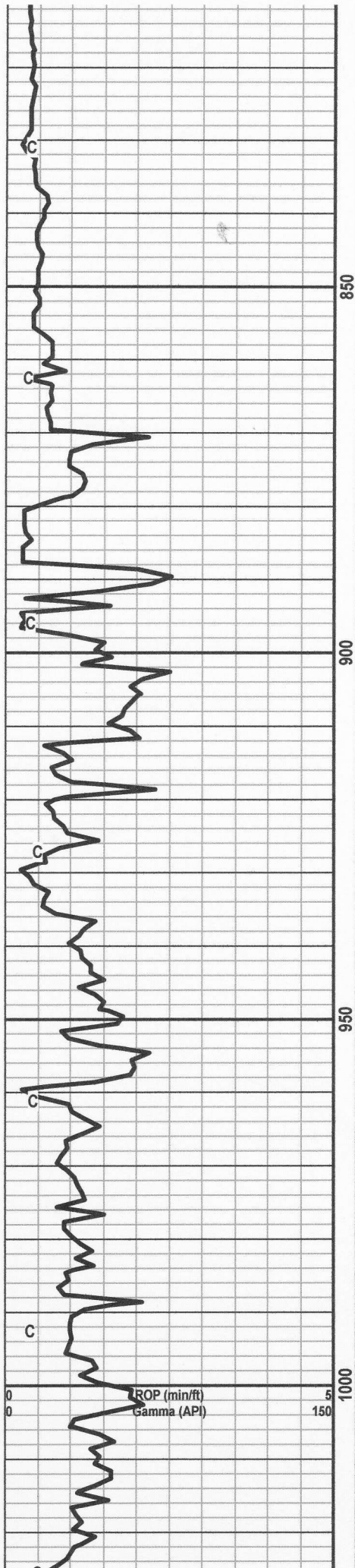
NEW BIT # 1
12.25" TRI CONE
IN @ SURFACE



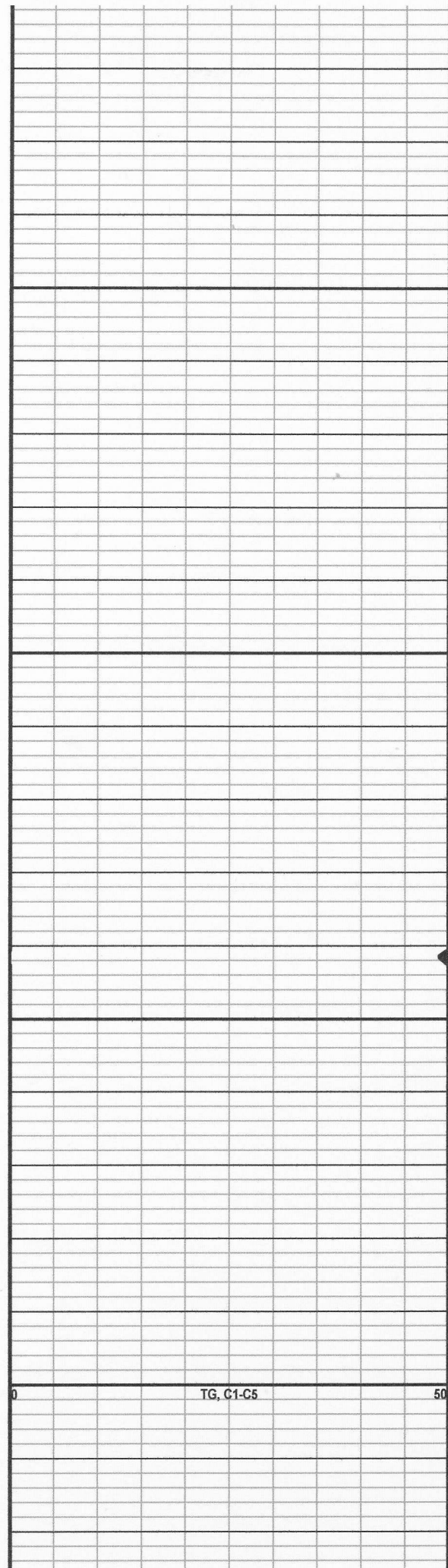


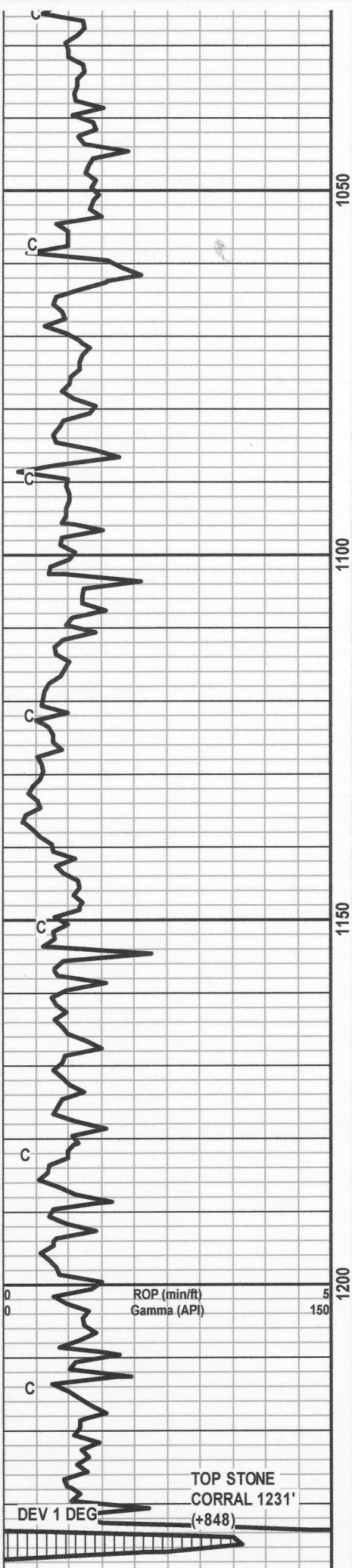
NO SAMPLES/NO LAGGED GAS
DEPTH ROP ONLY





NO SAMPLES/NO LAGGED GAS
DEPTH ROP ONLY



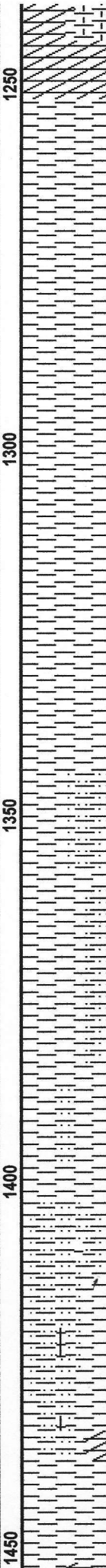
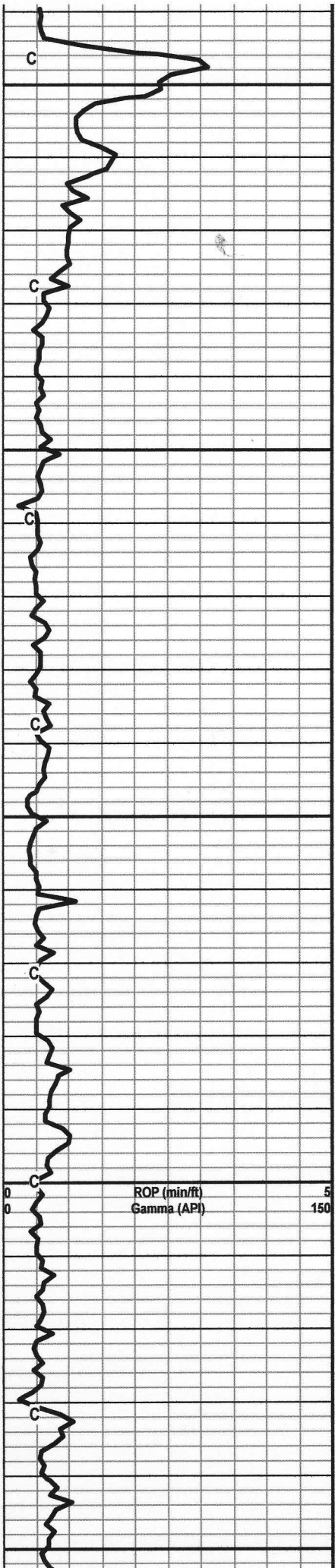


NO SAMPLES/NO LAGGED GAS
DEPTH & ROP ONLY

TD FOR SURFACE CASING @ 1237'
RAN 8 5/8" CASING TO 1237'

TG, C1-C5

12:01 AM 8-21-14



ANHY-CRM, OPA, FN XLN, DNS, NO FLU

SH-RD, FN TXT, SME DK RD, SLI PLTY, BLKY

SH-AAB

SH-DK RD, RD, FN TXT, TR MED TXT, SLI SLTY IP, BLKY, PLTY

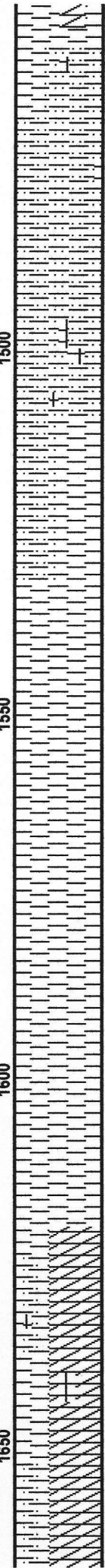
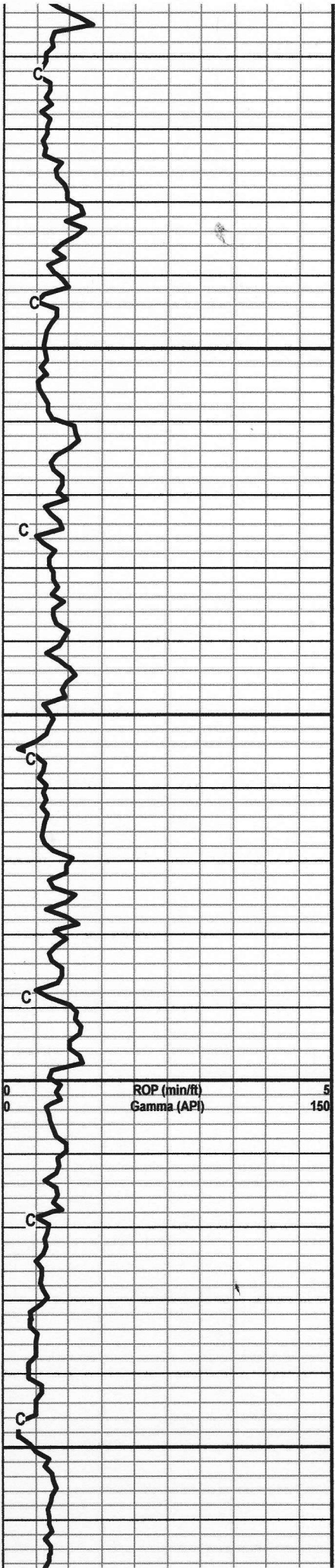
SH-RD, DK RD, FN TXT, SME SLTY TXT, GRDNG TO SHLY SLTST IP, TR SLTST/SS, SME VVF LSE QTZ GRNS, TR IMBDD HALITE X-TALS IN SLTST, BLKY, PLTY

SH-RD, FN TXT, W/TR CRM ANHY

NEW BIT #2 7 7/8"
TYPE 25 TRI
CONE IN @ 1237'

ROP (min/ft)
Gamma (API)

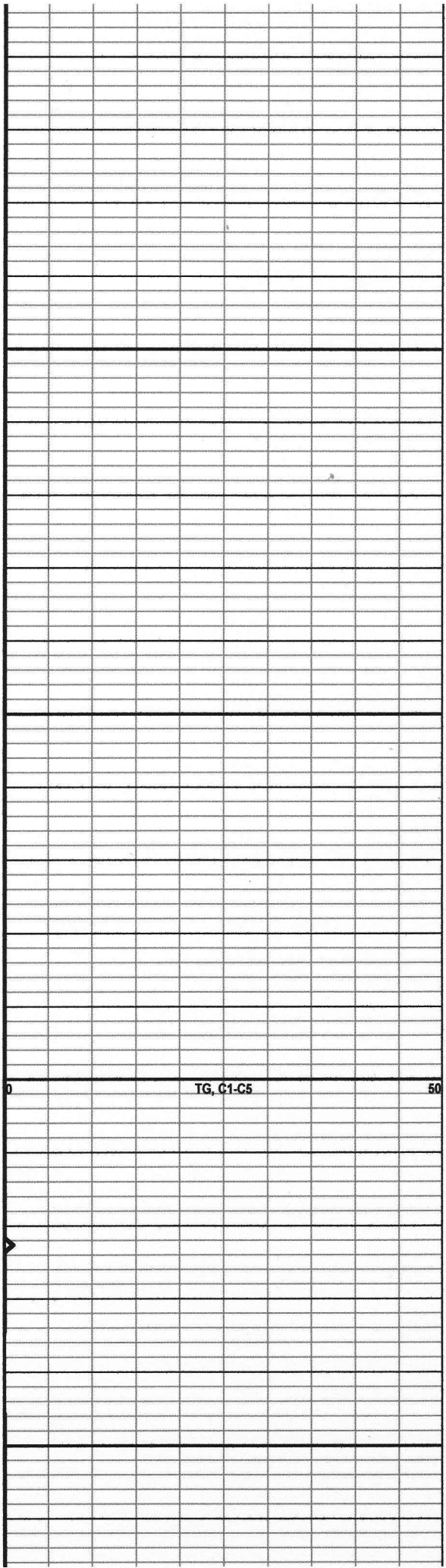
TG, C1-C5

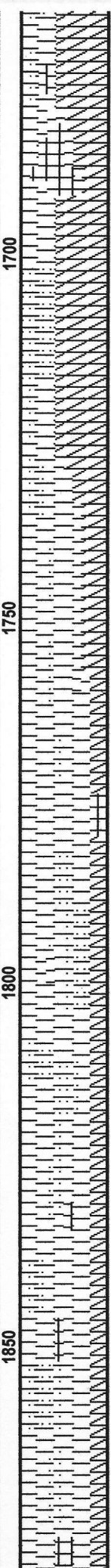
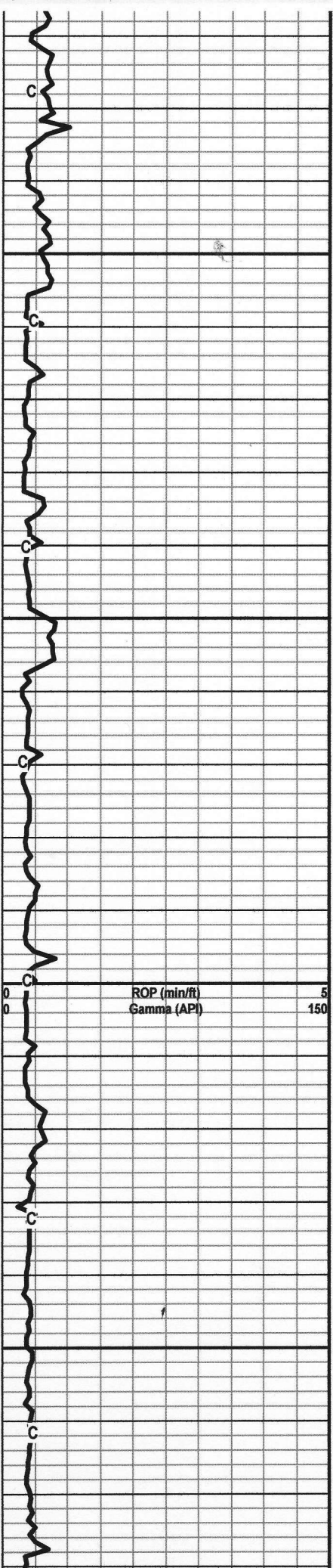


SLTST-RD, OFF WHT, SHLY IP, W/RD SH

SH-RD, LT RD, FN TXT, BLKY

ANHY-OPA, CRM, OFF WHT, FN XLN, W/RD SH, TR SLT,

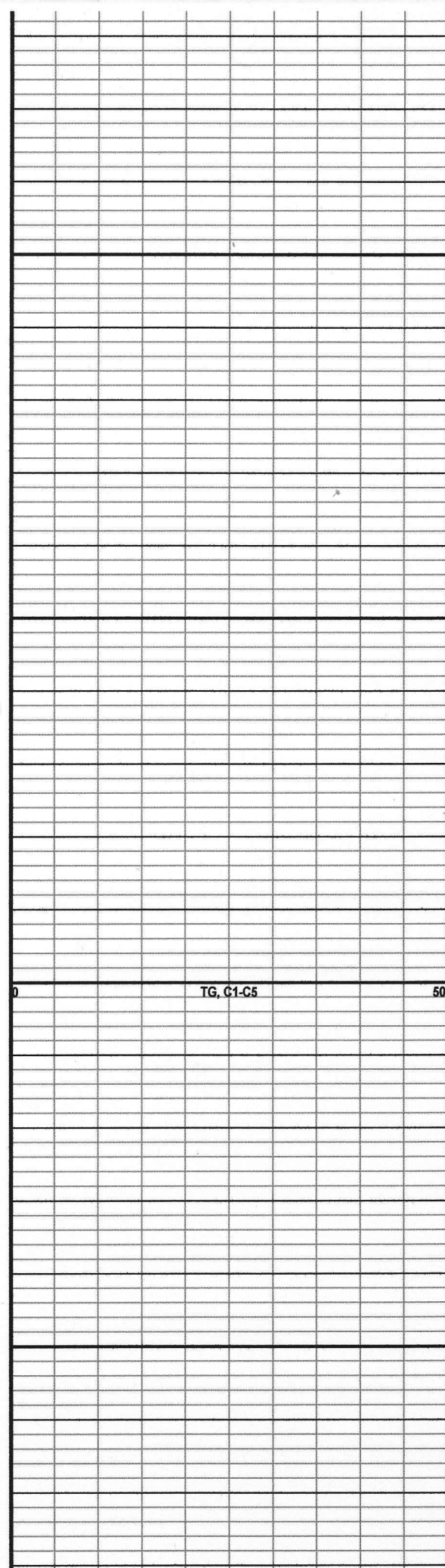




ANHY/SH-AAB, TR LSE VVF QTZ
GRNS,

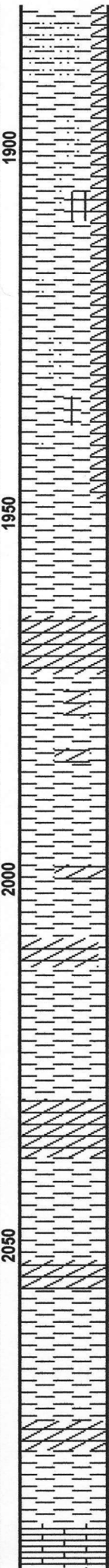
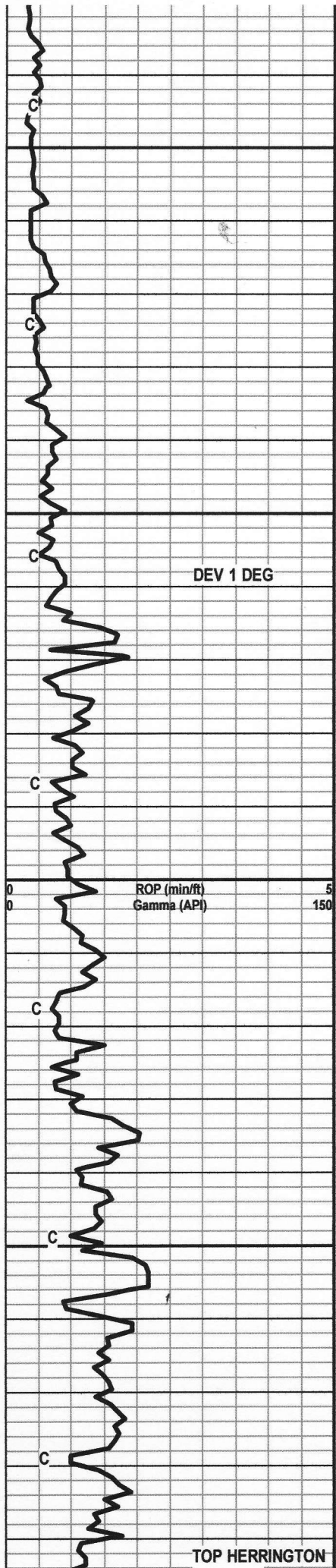
SH-RD, LT GY, FN TXT, SME OPA TO
LT GY ANHY, TR SLTST, NO FLU

SH/ANHY/SLTST-AAB



TG, C1-C5

50



SH-LT GY, RD, DK RD, FN TO SLTY
 TXT, SME GRDNG TO ANHYDRITIC
 SLTST, SME VVF IMBDD HALITE
 X-TALS, NO FLU

ANHY-CRM, OFF WHT, TR LT GY, FN
 XLN, SLI MOTT, NO FLU

SH-DK RD, LT GY, GY, FN TXT, SLI
 ANHYDRITIC, SME LT GY TO SLI
 OPA ANHY, TR CRM ANHY, NO FLU

SH/ANHY-AAB

LS-CRM. LT TN. FN XLN. SLI

TRIP FOR
 PLUGGED BIT JET

TG, C1-C5

TOP HERRINGTON

2090' (-11)

DOLO'IC, SME SLI MOTT, SME DULL
YELLOW MINERAL FLU

SH-GY, FN TXT, SLI CALC, SME
V/CALC, SLI PLTY

TOP WINFIELD
2138' (-59)

LS-CRM, LT TN, FN XLN, MOTT IP,
SME V/DOLO'IC, GRDNG TO DOLO,
SME DULL YELLOW MINERAL FLU

LS-LT TN, CRM, FN XLN, SME
GRDNG DOLO'IC IP, SME DULL
YELLOW MINERAL FLU

ROP (min/ft)
Gamma (API)

TG, C1-C5

DOLO-CRM, LT TN, FN XLN, SME
SUCROSIC, TR POSS DEAD STN,
SME DULL YELLOW MINERAL FLU

DOLO-AAB

SH-LT GY, FN TXT, CALC, PLTY

2100

2150

2200

2250

2300

C

C

C

C

C

C

C

0

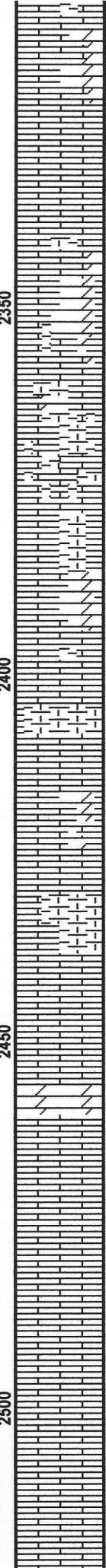
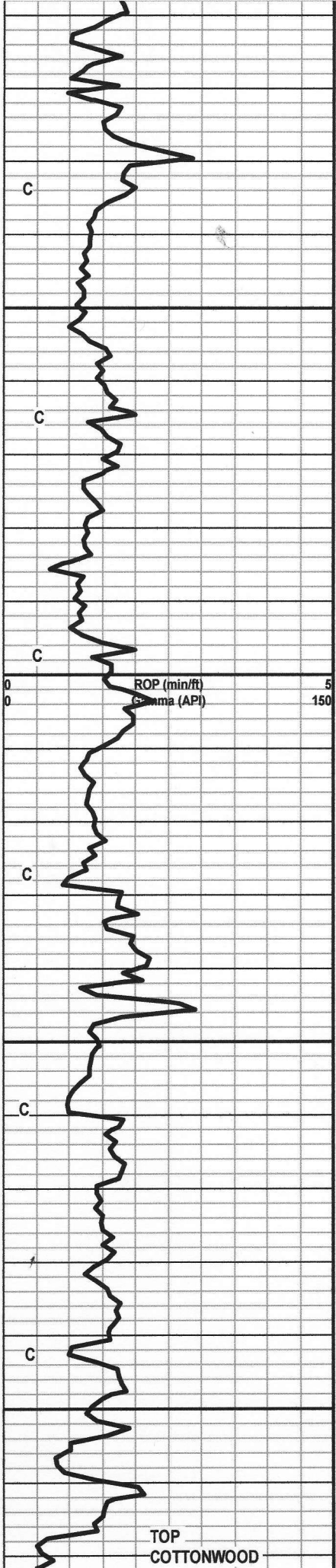
0

5

150

0

50



LS-CRM, OFF WHT, FN XLN, SLI DOLO'IC IP, ABUND ANHY CVNGS

LS-LT GY, TN, FN XLN, MOTT, SHLY IP, GRDNG TO DNS CALC SH IP, MSTLY NO FLU

LS-LT TN, CRM, TR LT GY, FN XLN, MOTT IP, GRDNG TO CALC DOLO IP, SME DULL YELLOW MINERAL FLU (ABUND CAVINGS)

DOLO-CRM, LT TN, FN XLN, CALC IP, SME SLI SUCROSIC, SME DULL YELLOW MINERAL FLU

LS-CRM, WHT, OFF WHT, FN XLN, SME DOLO'IC, TR SUCROSIC DOLO, SME SUB CHLKY, TR SUB CHLKY W/BRIGHT YELLOW MINERAL FLU, NO STN, NO ODOR, SME SCAT DULL YELLOW MINERAL FLU

SH-DK RD, GY, FN TXT, BLKY (POSS CAVINGS)

DOLO-CRM, WHT, TR SLI OPA, MED XLN, SUCROSIC, NO FLU

LS-CRM, WHT, FN XLN, SME SUB CHLKY, W/RD TO GY SH, SME DULL YELLOW MINERAL FLU

LS-CRM, FN XLN, SLI FOSS, SUB

TG, C1-C5

50

2517' (-438)

CHLKY TO CHLKY, SME SLI DOLO'IC, ABUND SH CAVINGS, SME DULL YELLOW MINERAL FLU, TR CHLKY LS W/MOD BRIGHT YELLOW MINERAL FLU, NO CUT

MUD WT 10 FV 27
CK 1

LS-CRM, LT GY, OFF WHT, FN XLN, SME SLI MOTT, SME GY TO DK RD SH, MSTLY NO FLU

WOB 35-38K
RPM 80-100
PP 550
PS 60

LS-WHT, CRM, FN XLN, DNS, MSTLY NO FLU

ROP (min/ft) 5
Gamma (API) 150

TOP NEVA 2607'
(-528)

TG, C1-C5 50

TOP RED EAGLE
2639' (-560)

LS-LT GY, TN, FN XLN, SLTY, GRDNG TO V/CALC SLTST IP, SME SLI DOLO'IC, TR POSS DEAD STN, NO ODOR, MSTLY NO FLU

TRIP PIPE FOR
LEAK IN DRILL
STRING @2652'
LAYED DOWN 3
JOINTS,
PICKED UP 3
JOINTS

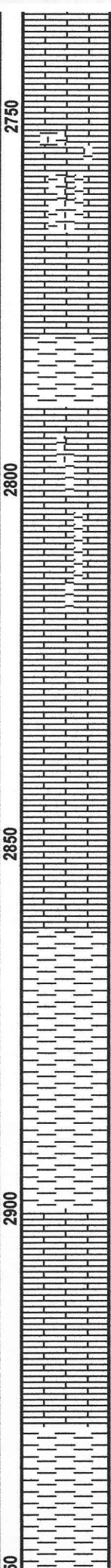
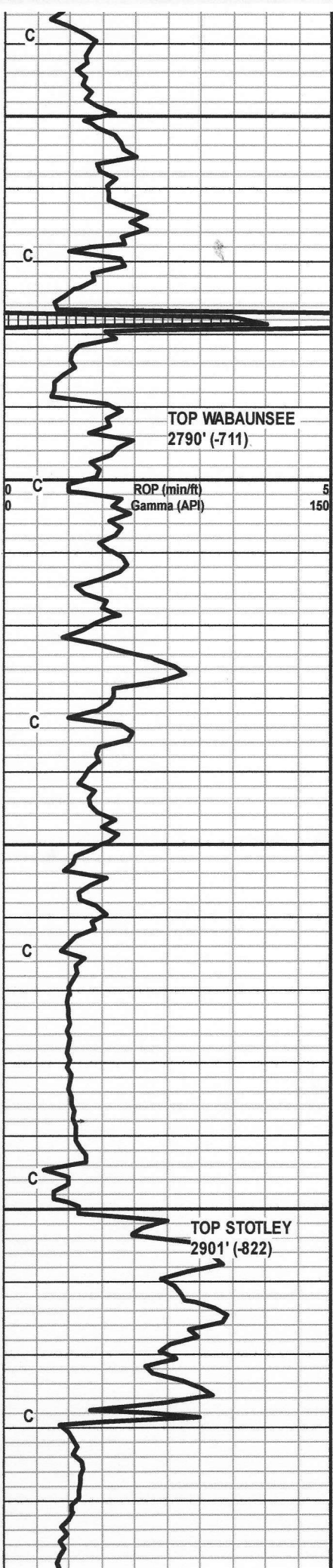
WOB 35-38K
RPM 80-100
PP 750-800
PS 60

SH-RD, LT GY, FN TXT, SME SLI SLTY, CALC, BLKY, W/LT TN SLI SLTY LS

TOP ADMIRE 2721'
(-642)

ABUND CAVINGS

LS-LT GY, CRM, LT TN, FN XLN, SLI SLTY TXT IP, SME SHLY, MOTT IP, MSTLY NO FLU



LS-CRM, LT TN, LT GY, SLI MOTT IP, SME SHLY IP, GRDNG TO LT GY CALC SH IP, SME WSLI SLTY TXT IP, MSTLY NO FLU

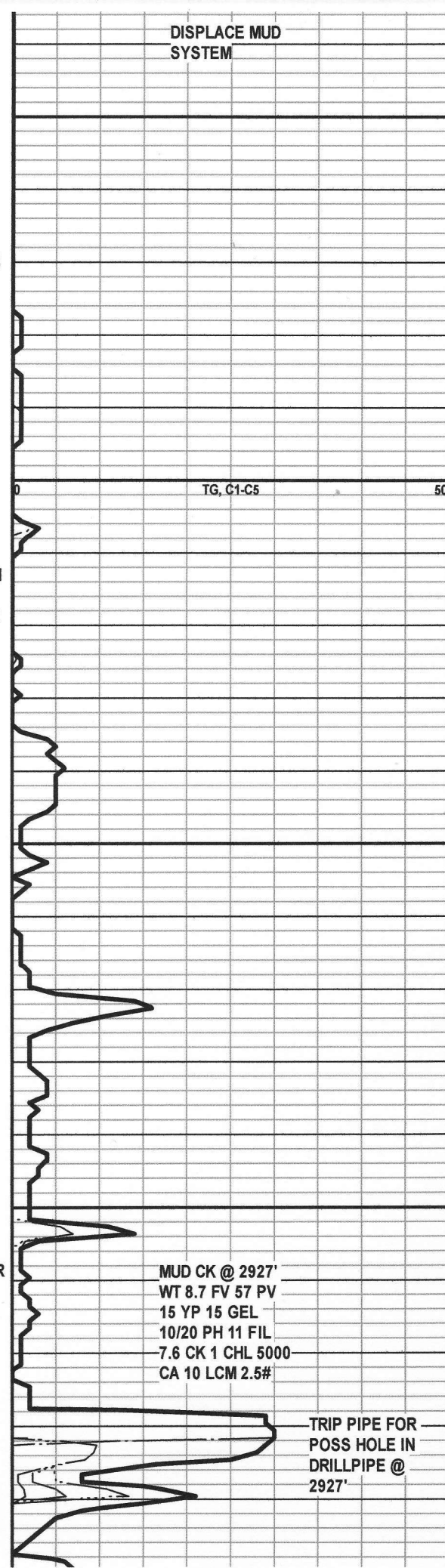
LS-OFF WHT, CRM, LT GY, LT TN, FN XLN, SLI SHLY IP, SME SLI SLTY TXT IP, SME GY CALC SH, SCAT TR DULL YELLOW MINERAL FLU

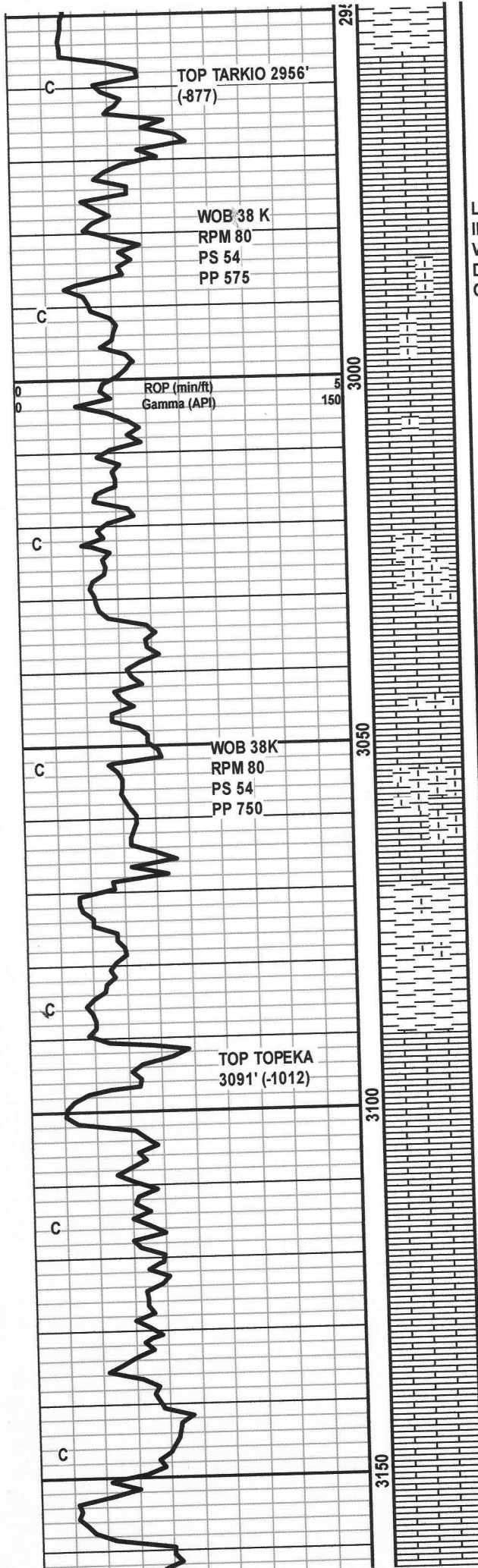
LS-AAB, TR SUB CHLKY, SME YELLOW MINERAL FLU

SH-LT GY, GY, FN TXT, SLI CALC, SLI GUMMY, BLKY

LS-CRM, OFF WHT, FN XLN, DNS, TR V/SLI FOSS, SME DULL YELLOW MINEAL FLU

SH-LT GY, GY, FN TXT, SLI CALC, MOD SFT, SLI GUMMY, BLKY, SLI PLTY





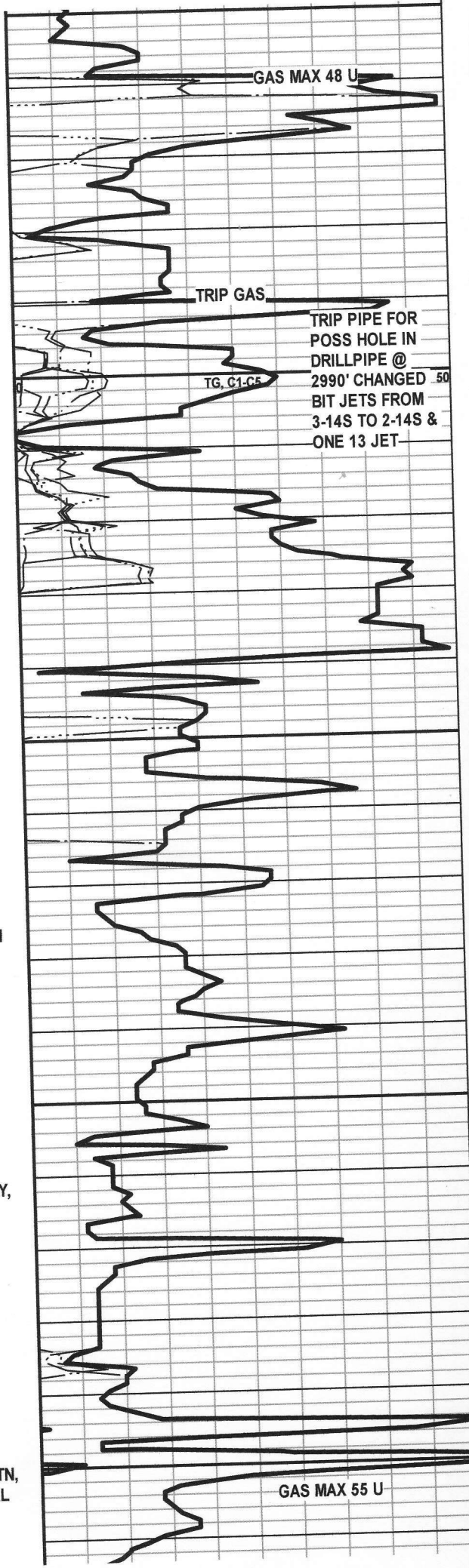
LS-LT GY, CRM, FN, FN XLN, MOTT
 IP, SME MOD SHLY, GRDNG TO
 V/CALC SH IP, MOD DNS, SCAT
 DULL YELLOW MINERAL FLU, NO
 CUT

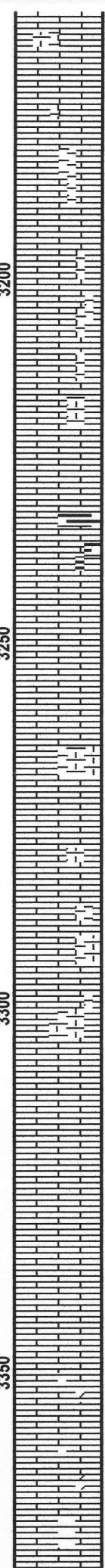
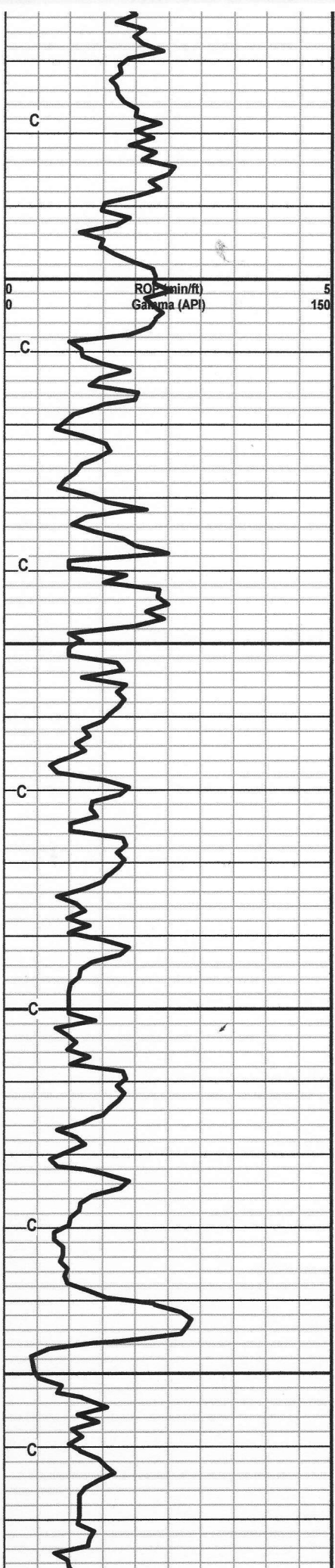
SH-GY, FN TXT, CALC, W/CRM TO
 OFF WHT MOD DNS LS, SME
 YELLOW MINERAL FLU

SH-LT GY, GY, DK GY, FN TXT, SLI
 CALC IP, TR SLI CARB, BLKY

LS-WHT, CRM, SME V/LT GY, FN
 XLN, SME SUB CHLKY TO CHLKY,
 MSTLY DNS, SME SCAT DULL
 YELLOW MINERAL FLU

LS-WHT, FN XLN, CHLKY, NO STN,
 MOD BRIGHT YELLOW MINERAL
 FLU





LS-WHT, CRM, OFF WHT, SME LT GY,
 FN XLN, TR SLI MOTT, SHLY IP, SME
 CLN, DNS, TR CHLKY, NO STN,
 SCAT DULL YELLOW MINERAL FLU

LS-V/LT GY, CRM, FN XLN, SLI MOTT
 IP, SME GRDNG TO V/CALC SH,
 MSLTY DNS, TR SUB CHLKY, SME
 DULL YELLOW MINERAL FLU

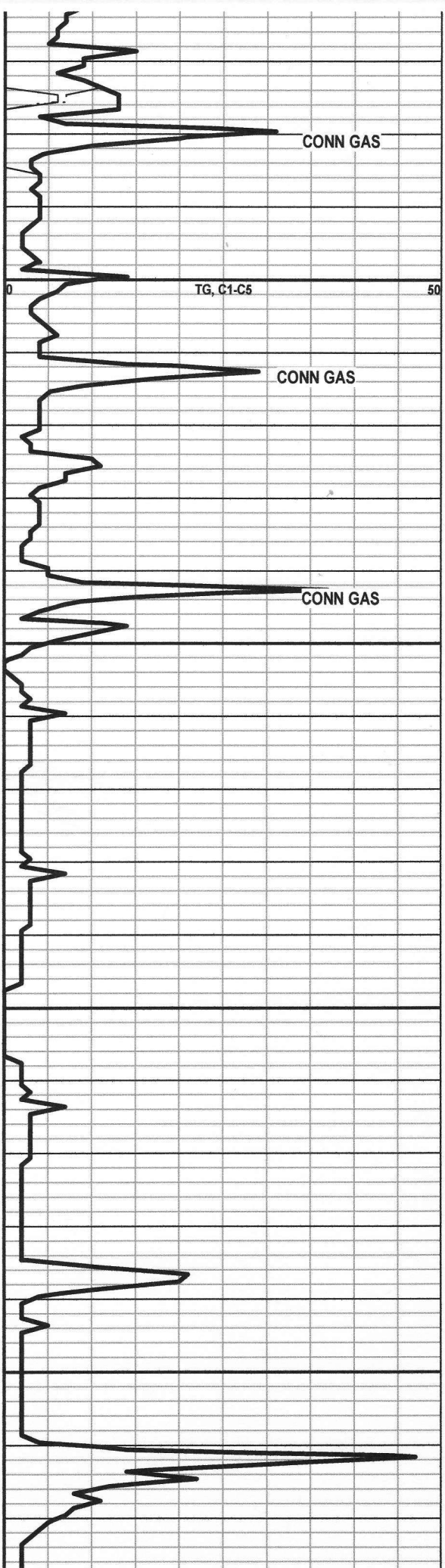
SH-GY, DK GY, FN TXT, SLI CARB,
 SLI CALC, PLTY

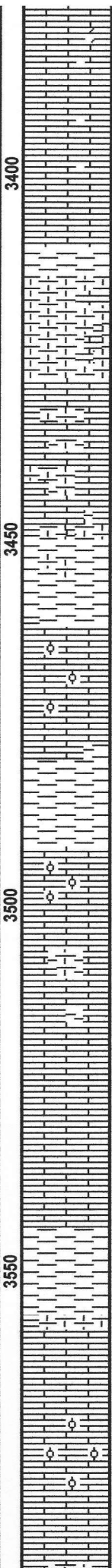
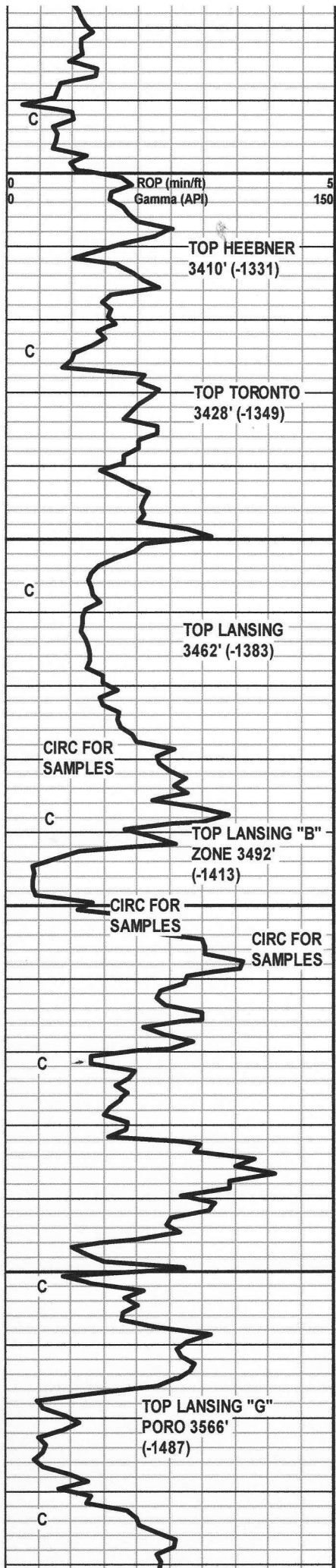
LS-CRM, LT GY, OFF WHT, TR V/LT
 TN, FN XLN, SLI SHLY IP, MSLTY
 DNS, SME SCAT DULL YELLOW
 MINERAL FLU

LS-CRM, OFF WHT, FN XLN, SME SLI
 DOLO'IC, MSTLY SUB CHLKY, TR
 SLI FOSS, W/LT GY CALC SH, NO
 STN, NO ODOR, SCAT DULL
 YELLOW MINERAL FLU

LS-AAB, INCR CHLKY

LS-CRM, OFF WHT, V/LT TN, FN XLN,
 SUB CHLKY, SME SLI DOLO'IC, FAIR
 VIS INT XLN PORO IP, SME DULL
 YELLOW MINERAL FLU





SH-DK GY, BLK, FN TXT, SLI CARB, BLKY

LS-LT TN, FN XLN, SLI MOTT IP, TR IMBDD CARB MAT/TAR, TR QZ GRNS W/TAR STN, NO ODOR, NO STN, SME DULL YELLOW MINERAL FLU

SH-GY, RD, FN TXT, MED TXT, SME RD SH W/IMBDD FN LS FRAGS, SME GY SH CALC, BLKY

LS-CRM, WHT, OFF WHT, LT TN, FN XLN, TR SLI OOLCASTIC, SLI FOSS, SUB CHLKY TO CHLKY IP, NO ODOR, NO STN, SME DULL YELLOW MINERAL FLU, NO CUT

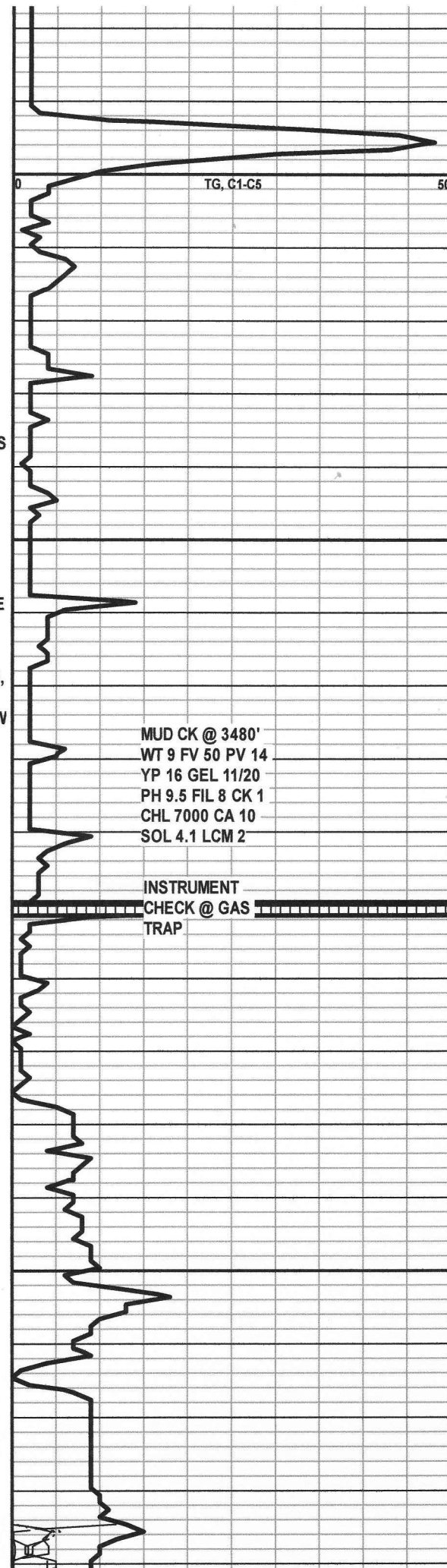
SH-GY, FN TXT, CALC IP, BLKY, SLI PLTY

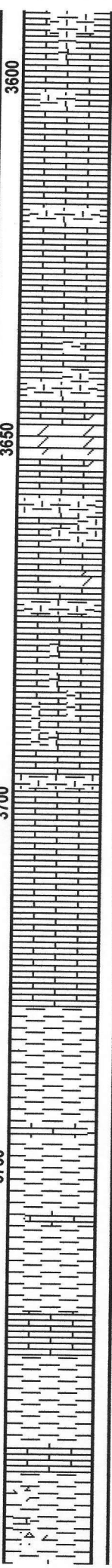
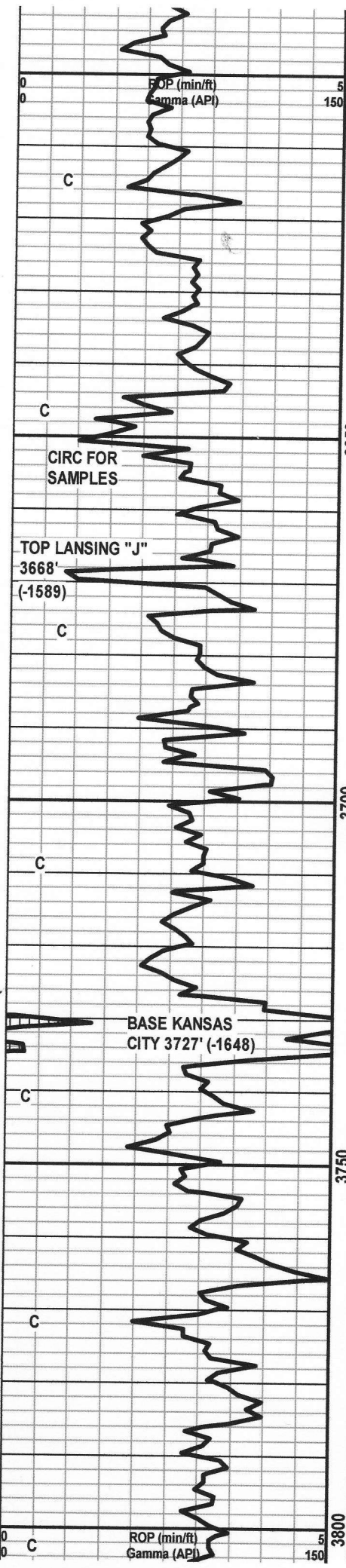
LS-LT TN, FN XLN, OOLCASTIC, OOLMOLDIC, FAIR ODOR, ONE PIECE SLO BLDG OIL W/STRONG FLASH CUT, REST NO CUT

LS-WHT, CRM, FN XLN, SLI FOSS, SME DULL YELLOW MINERAL FLU

SH-GY, FN TXT, SLI CALC, BLKY, PLTY

LS-LT TN, CRM, FN XLN, OOLITIC, OOLMOLDIC, TR POSS STN, SME DULL YELLOW MINERAL FLU





LS-CRM, WHT, OFF WHT, TR LT GY,
FN XLN, SLI MOTT IP, MSTLY CLN,
DNS, TR SUB CHLKY TO CHLKY,
SME DULL YELLOW MINERAL FLU

DOLO-LT TN, FN XLN, SME IMBDD
RE-WRKD LS FRAGS, SME MOD
BRIGHT YELLOW TO GOLD FLU, NO
CUT

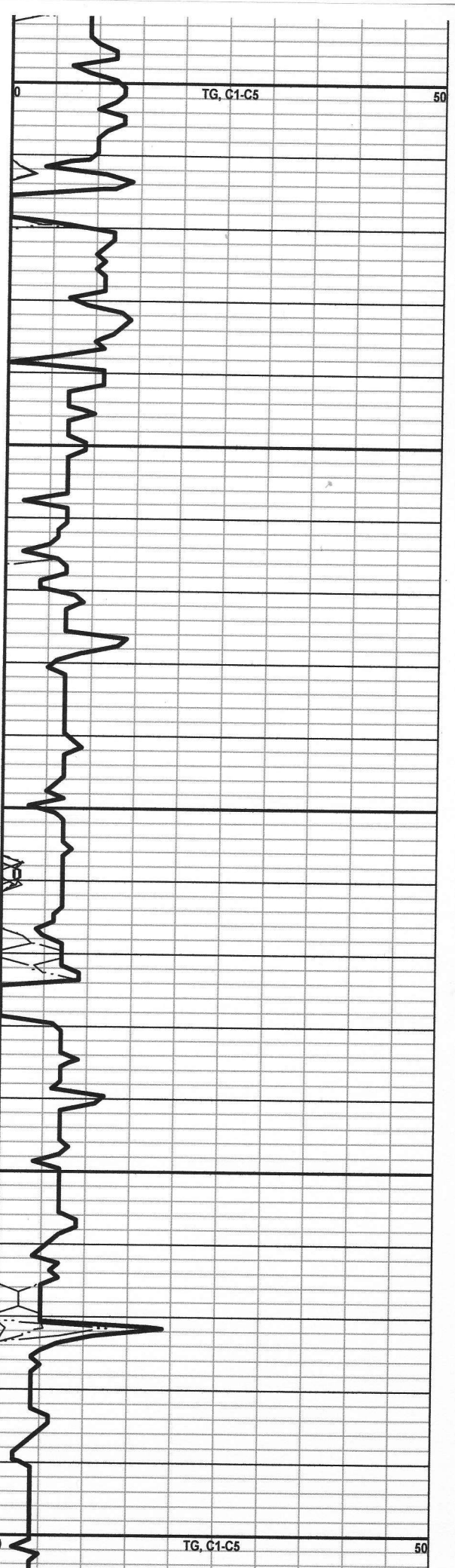
LS-CRM, OFF WHT, LT TN, TR LT GY,
FN XLN, SME SUB CHLKY IP, MSTLY
DNS, NO STN, TR SLI FOSS, NO
ODOR, SCAT DULL YELLOW
MINERAL FLU

LS-AAB

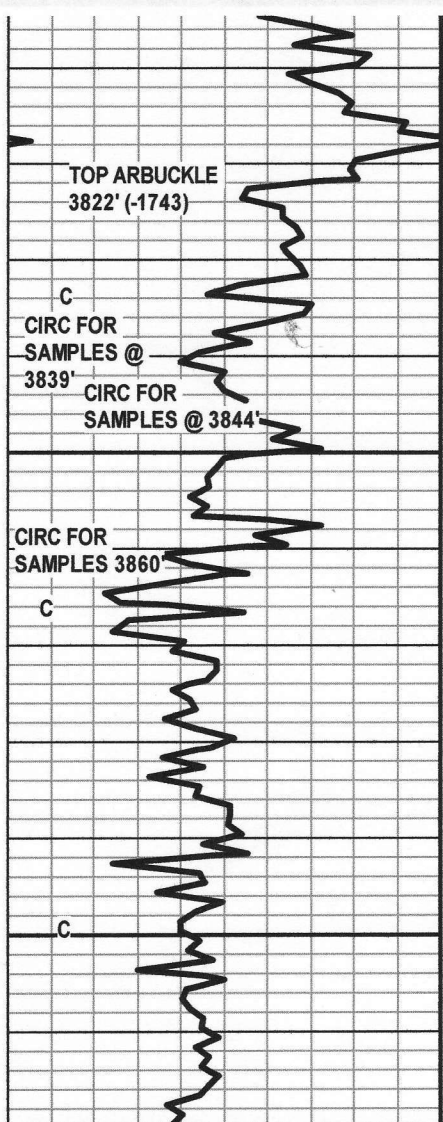
SH-DK RD, RD, GY, FN TXT, SME
W/IMBDD CHRT/LS FRAGS, SME
CRM DNS CHRTLY LS, BLKY

SH-AAB, W/CRM DNS SLI CHRTY LS

SH-DK GY, GY, TR RD, FN TXT, SLI
CALC SME CRM CHRT BLKY



CALC, SME CRM CRT, BLAT,



TOP ARBUCKLE
3822' (-1743)

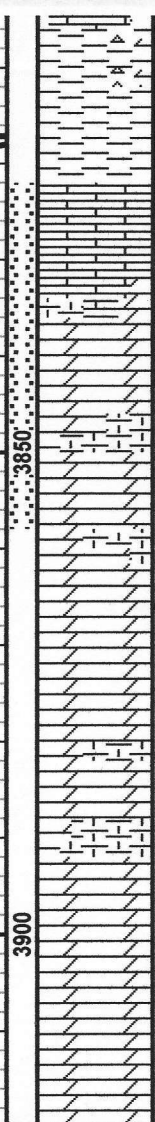
C
CIRC FOR
SAMPLES @
3839'

CIRC FOR
SAMPLES @ 3844'

CIRC FOR
SAMPLES 3860'

C

C



3850'

3900'

LS-CRM, FN XLN, TR V/SLI DOLO'IC,
MSTLY DNS, SLI SILICOUS, SME
MOD BRIGHT YELLOW FLU, NO CUT

DOLO-CRM, OFF WHT, FN TO MED
XLN, SME SLI SUCROSIC, SME
RHOMBIC, NON-VUGGY, TR ODOR,
SME FAIR ODOR, SME SPOTTY
SPECKLED BRIGHT YELLOW FLU,
SME RAPID MILKY CUT
W/V/STRONG RES RNG & BOWL
CUT, TR GY SH

DOLO-CRM, WHT, OFF WHT, FN XLN,
SME MED XLN, TR GLAUC, SLI
SUCROSIC, TR RHOMBIC, NO
VUGS, DECR FLU & CUT

DOLO-WHT, FN XLN, SLI SUCROSIC,
SME YELLOW FLU, MSTLY NO CUT,
TR GY SH

TD 3920' 8-26-14 PREPARE FOR
OPEN HOLE LOGS THANKS FOR
USING GEODYNAMIC WELL
LOGGING PH 580-689-2272
LOGGER SPENCER CORRELL

DST #1 3803-3844'
OP 20 MIN SI 30
MIN OP 1 HR SI 30
MIN REC 5' DRLG
MUD

GAS SHOW MAX
42 U

DST #2 STRADDLE TEST
3832'-3859' IHP
2055# FHP 2025#
IO 15MIN IFP 38#
SI 30 MIN ISIP
1188# FF 45 MIN
FFP 151# FSIP
1202# REC 125' 32
GRAV OIL REC
215' SGCHOC MUD

Conservation Division
266 N. Main St., Ste. 220
Wichita, KS 67202-1513



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

Shari Feist Albrecht, Chair
Jay Scott Emler, Commissioner
Pat Apple, Commissioner

Sam Brownback, Governor

January 15, 2015

Alan Barksdale
RMR Operating, LLC
2515 MCKINNEY AVE
SUITE 900
DALLAS, TX 75201

Re: ACO-1
API 15-165-22089-00-00
Stalcup 1
NE/4 Sec.10-18S-18W
Rush County, Kansas

Dear Alan Barksdale:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 8/20/2014 and the ACO-1 was received on January 14, 2015 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department