



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1081094
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
-----------------------------------	-----------------	-----------------------------------------

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: _____

1081094

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
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:				

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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

MTM Petroleum Inc

6-31S-7W Kingman

PO Box 391
Kingman, KS 67068

Maloney M 2

Job Ticket: 45772

DST#: 1

ATTN: Renee Husted

Test Start: 2012.03.20 @ 12:55:27

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:16:12

Time Test Ended: 20:31:42

Test Type: Conventional Bottom Hole (Initial)

Tester: Leal Cason

Unit No: 45

Interval: 4400.00 ft (KB) To 4418.00 ft (KB) (TVD)

Reference Elevations: 1651.00 ft (KB)

Total Depth: 4418.00 ft (KB) (TVD)

1641.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 6798 Inside

Press @ Run Depth: 102.38 psig @ 4401.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.03.20

End Date: 2012.03.20

Last Calib.: 2012.03.20

Start Time: 12:55:28

End Time: 20:31:42

Time On Btm: 2012.03.20 @ 15:10:12

Time Off Btm: 2012.03.20 @ 18:10:12

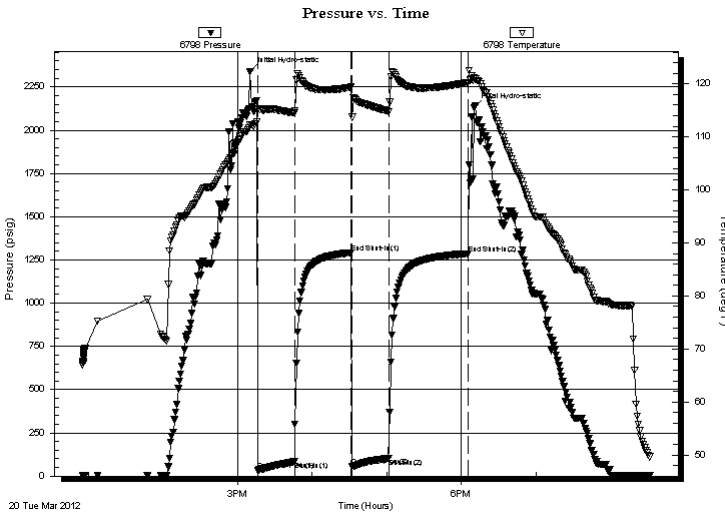
TEST COMMENT: IF: Strong Blow , BOB in 10 seconds, GTS in 13 minutes, Gauged Gas & Caught Sample

IS: No Blow Back

FF: Strong Blow , BOB & GTS Immediate, Gauged Gas

FS: Weak Surface Blow Back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2340.48	112.29	Initial Hydro-static
6	33.47	115.04	Open To Flow (1)
36	84.74	114.53	Shut-In(1)
81	1291.72	119.41	End Shut-In(1)
82	57.51	113.72	Open To Flow (2)
112	102.38	114.79	Shut-In(2)
176	1286.83	120.27	End Shut-In(2)
180	2131.04	121.15	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	4235 GIP	0.00
62.00	SOMCW 2%O 44%M 54%W	0.30
88.00	SGOCM 2%G 2%O 98%M	0.72

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	22.00	57.90
Last Gas Rate	0.25	42.00	89.63
Max. Gas Rate	0.25	42.00	89.63



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

MTM Petroleum Inc

6-31S-7W Kingman

PO Box 391
Kingman, KS 67068

Maloney M 2

Job Ticket: 45772

DST#: 1

ATTN: Renee Husted

Test Start: 2012.03.20 @ 12:55:27

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:	36000 ppm
Viscosity: 43.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2000.00 ppm			
Filter Cake: 0.20 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	4235 GIP	0.000
62.00	SOMCW 2%O 44%M 54%W	0.305
88.00	SGOCM 2%G 2%O 98%M	0.715

Total Length: 150.00 ft Total Volume: 1.020 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: RW w as .25 @ 55 degrees



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

MTM Petroleum Inc

6-31S-7W Kingman

PO Box 391
Kingman, KS 67068

Maloney M 2

Job Ticket: 45772

DST#: 1

ATTN: Renee Husted

Test Start: 2012.03.20 @ 12:55:27

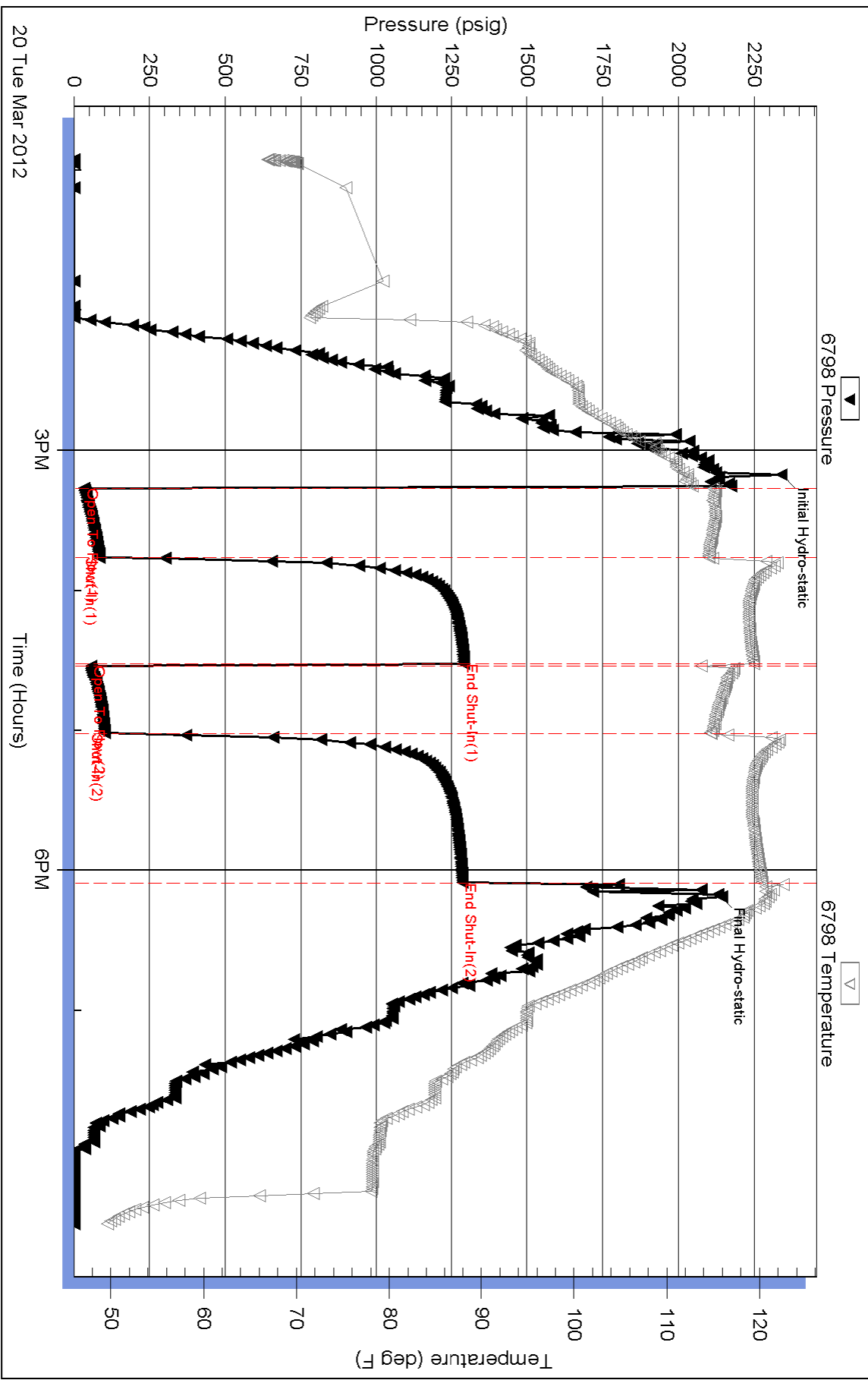
Gas Rates Information

Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
1	15	0.25	22.00	57.90
1	20	0.25	29.00	69.01
1	30	0.25	36.00	80.11
2	10	0.25	30.00	70.59
2	20	0.25	40.00	86.46
2	30	0.25	42.00	89.63

Pressure vs. Time

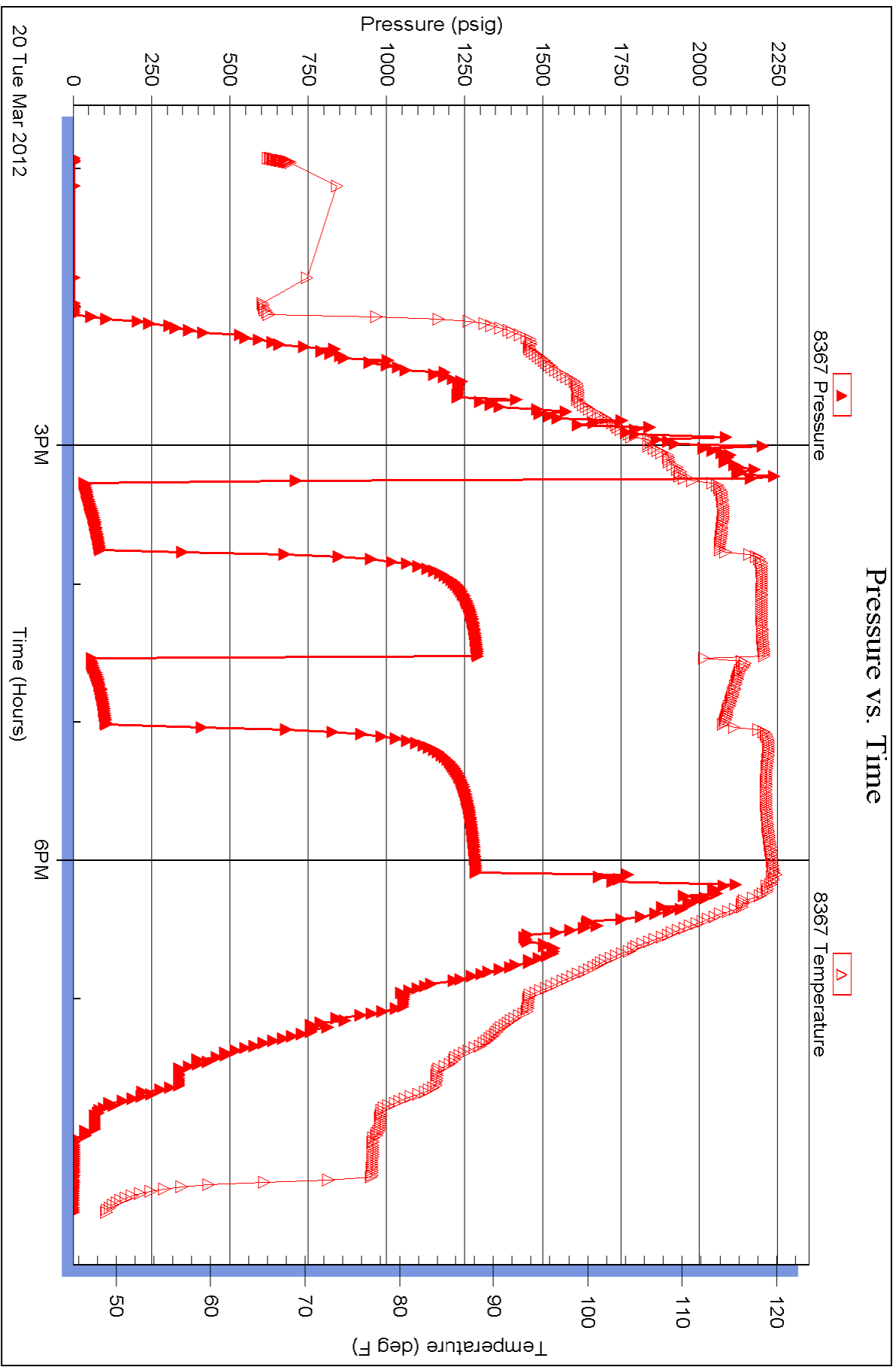


Serial #: 8367

Outside MTM Petroleum Inc

Maloney M2

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 45772

Printed: 2012.03.21 @ 06:50:42



DIGITAL LOG (785) 625-3858

Dual Induction Log

15-077-21,828-00-00

API No.

Company MTM Petroleum, Inc.

Well Maloney "W" No. 2

Field Washbon

County Harper State Kansas

Location W2 SW SE 660' FSL & 2310' FEL

Sec: 6 Twp: 31 S Rge: 7 W

Permanent Datum Ground Level Elevation 1641

Log Measured From Kelly Bushing 10 Ft. Above Perm. Datum

Drilling Measured From Kelly Bushing

Other Services CNL/CDL

Elevation K.B. 1651 D.F. G.L. 1641

Date 3/21/2012

Run Number One

Depth Driller 4500

Depth Logger 4504

Bottom Logged Interval 4503

Top Log Interval 3600

Casing Driller 8.625 @ 223

Casing Logger 223

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 3000

Density / Viscosity 9.3 44

pH / Fluid Loss 11.0 9.6

Source of Sample Flowline

Rm @ Meas. Temp 1.22 @ 52

Rmf @ Meas. Temp .92 @ 52

Rmc @ Meas. Temp 1.65 @ 52

Source of Rmf / Rmc Charts

Rm @ BHT .52 @ 121

Operating Rig Time 3 Hours

Max Rec. Temp. F 121

Equipment Number 17

Location Hays

Recorded By D. Martin

Witnessed By Marvin Miller

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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

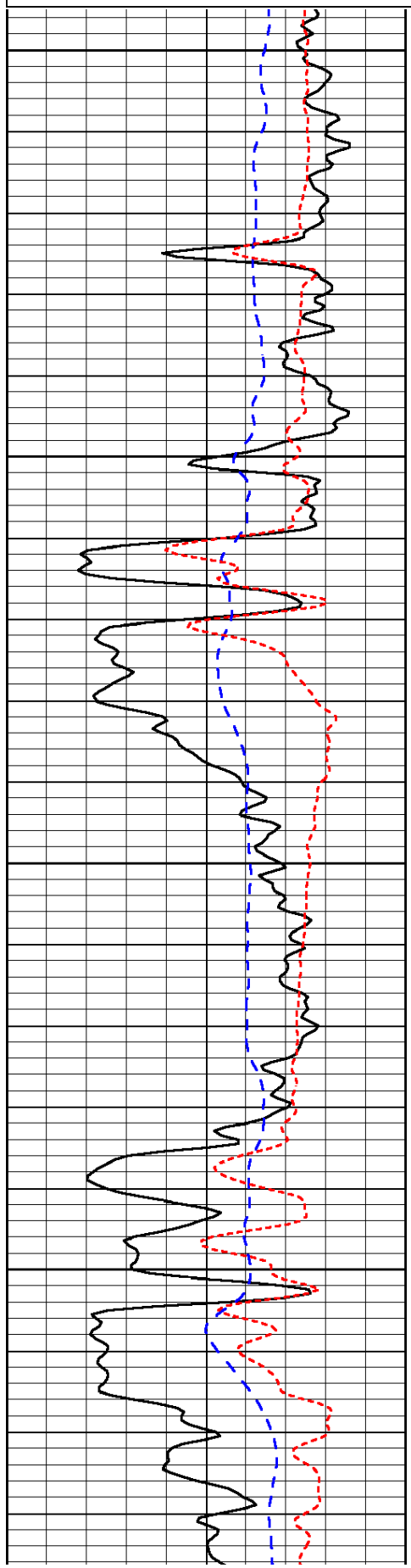
Thank you for using Log-Tech, Inc. (785) 625-3858 Kingman, KS S to County Line on Hwy 14, 1 S to Ridge Rd., 2 1/2 W, N Into

Database File: c:\warrior\data\mtm_maloney m no. 2\mtmhd.db Dataset Pathname: DIL\mtmstk Presentation Format: dil Dataset Creation: Wed Mar 21 05:13:58 2012 Charted by: Depth in Feet scaled 1:240

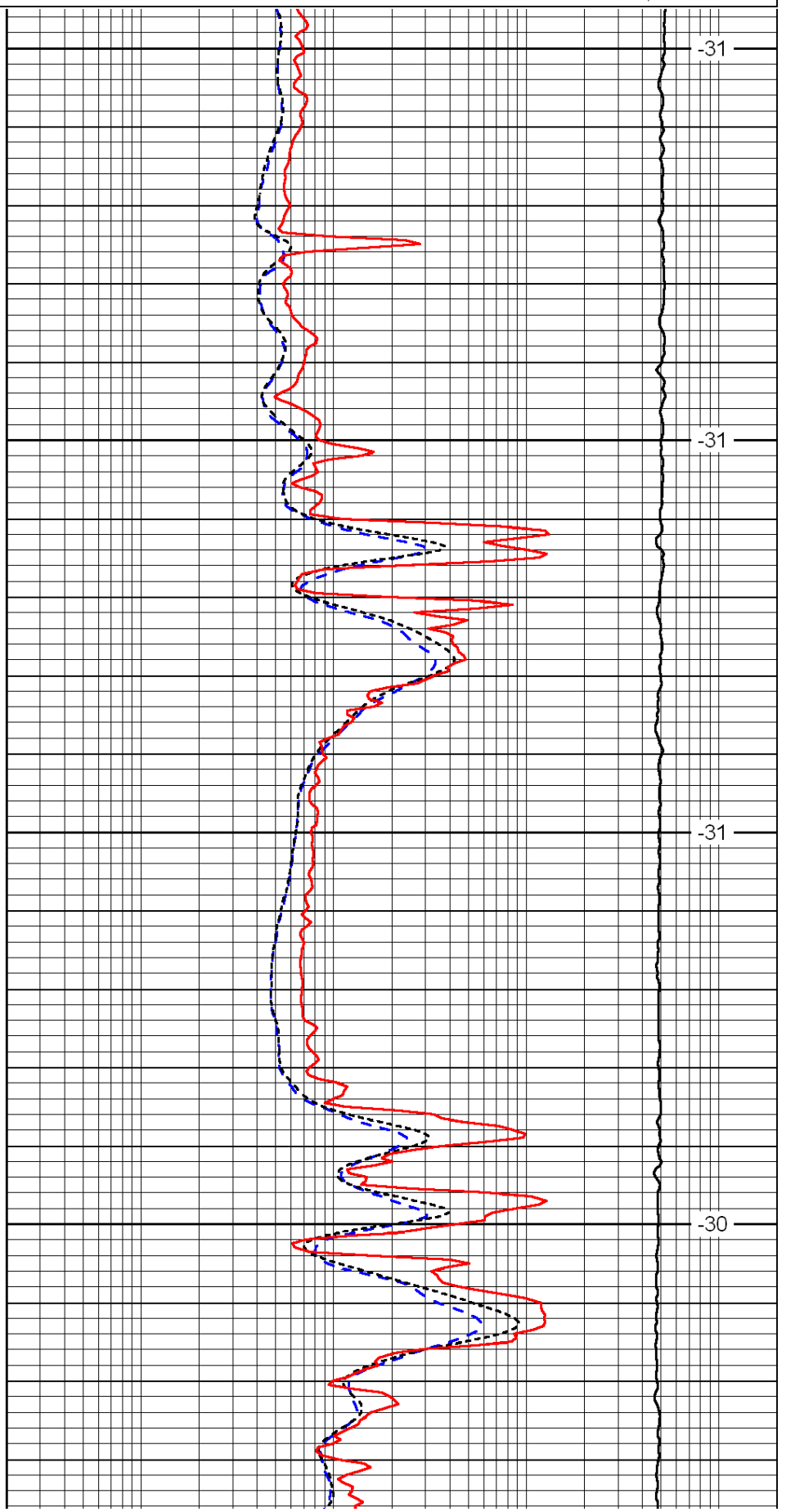
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-200	SP (mV)	0
-160	Rxo / Rt	40

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0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
15000	Line Tension	0

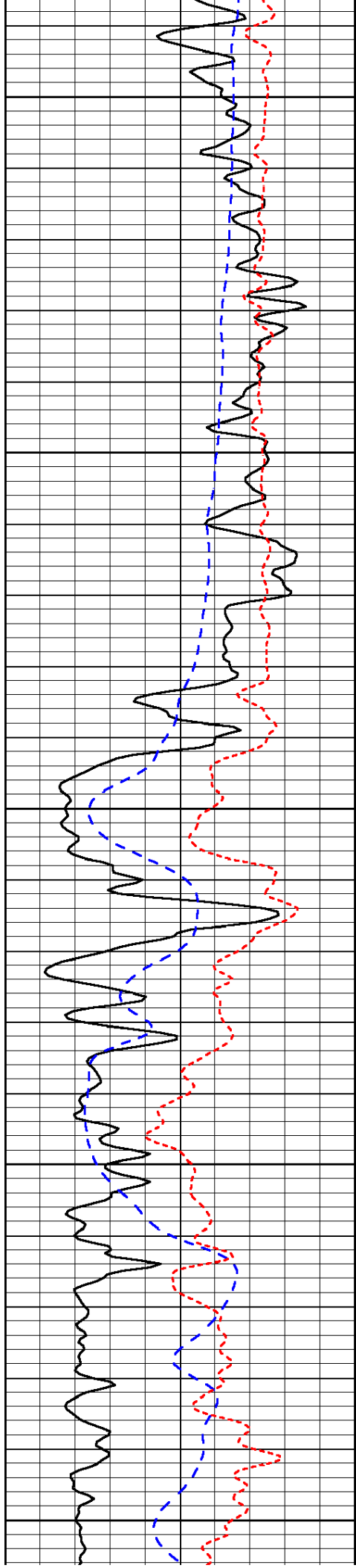
LSPD



3600
3650
3700
3750



-31
-31
-31
-30



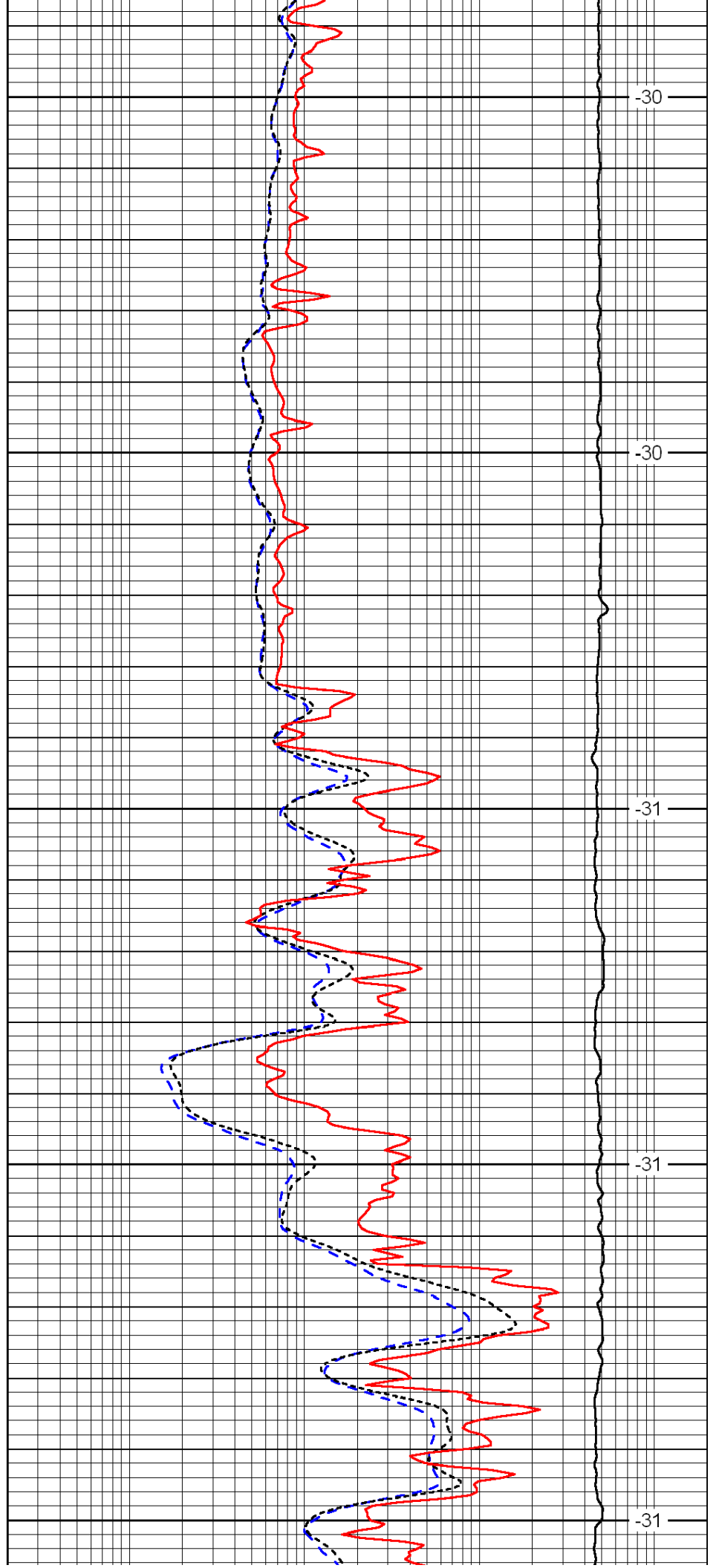
3800

3850

3900

3950

4000



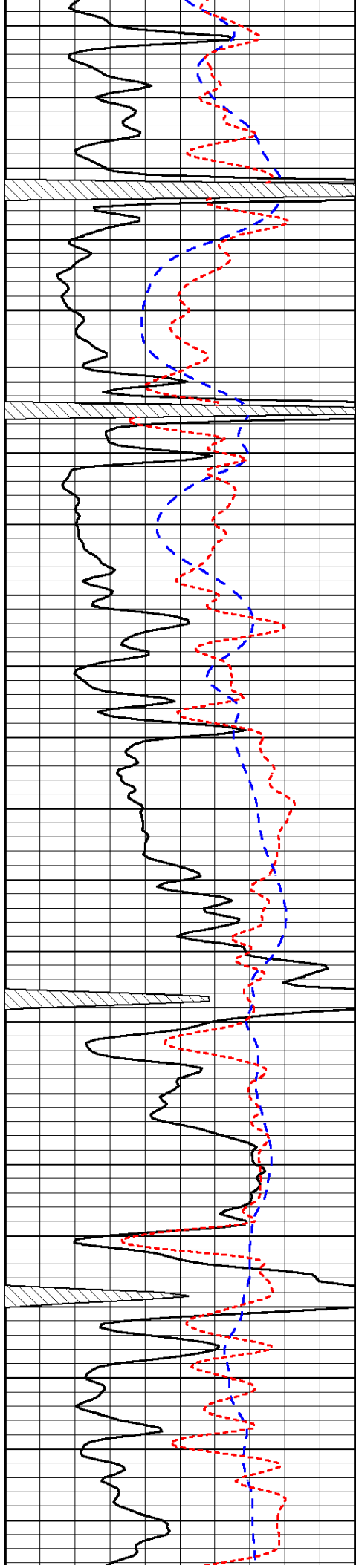
-30

-30

-31

-31

-31

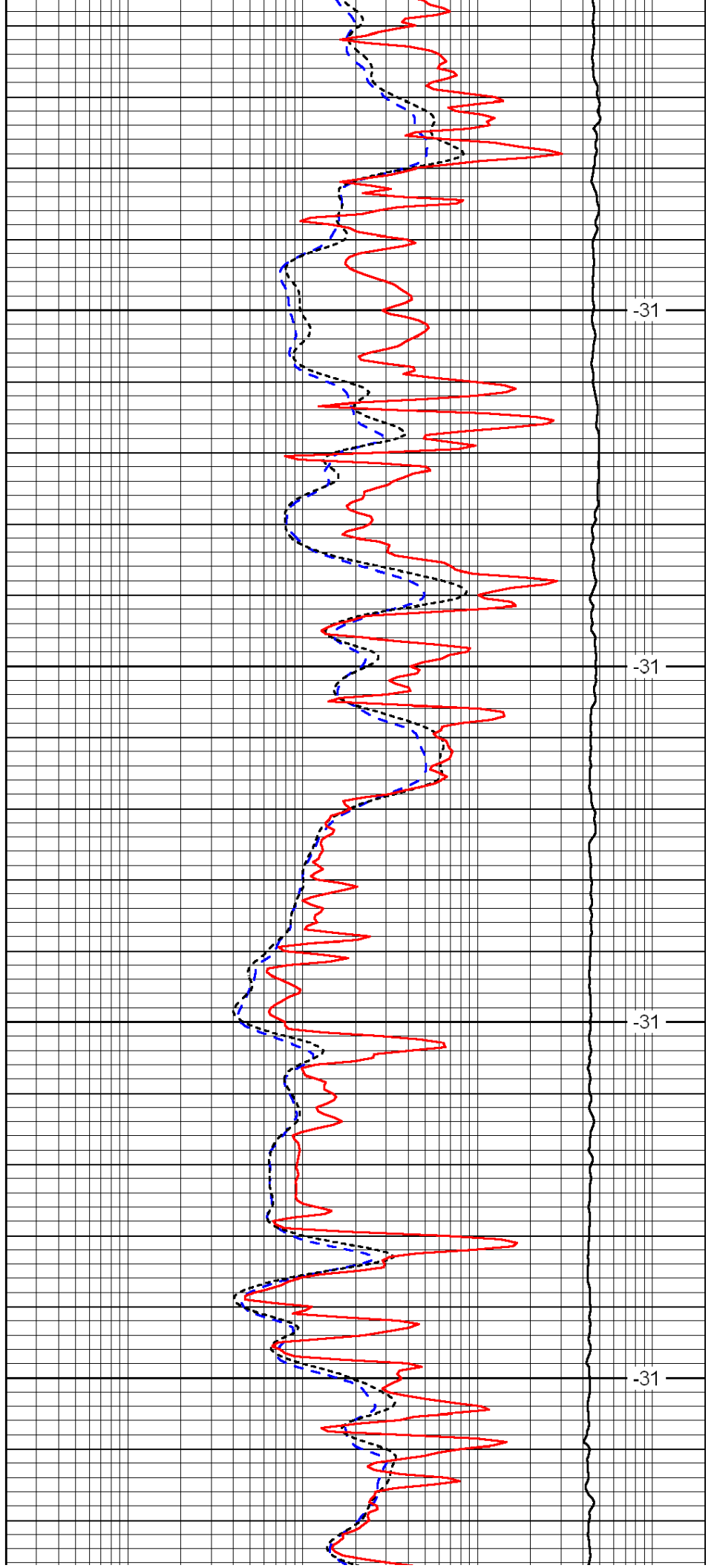


4050

4100

4150

4200

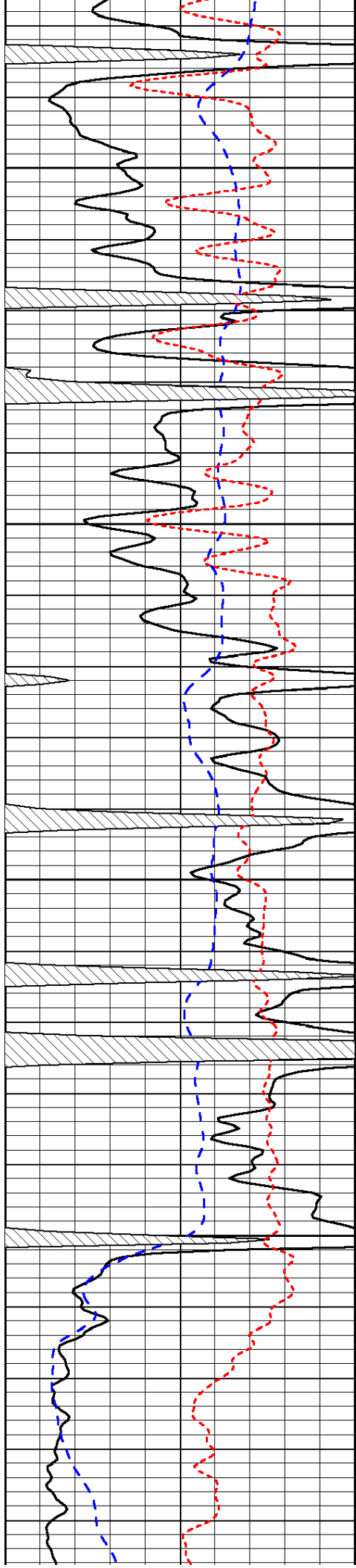


-31

-31

-31

-31

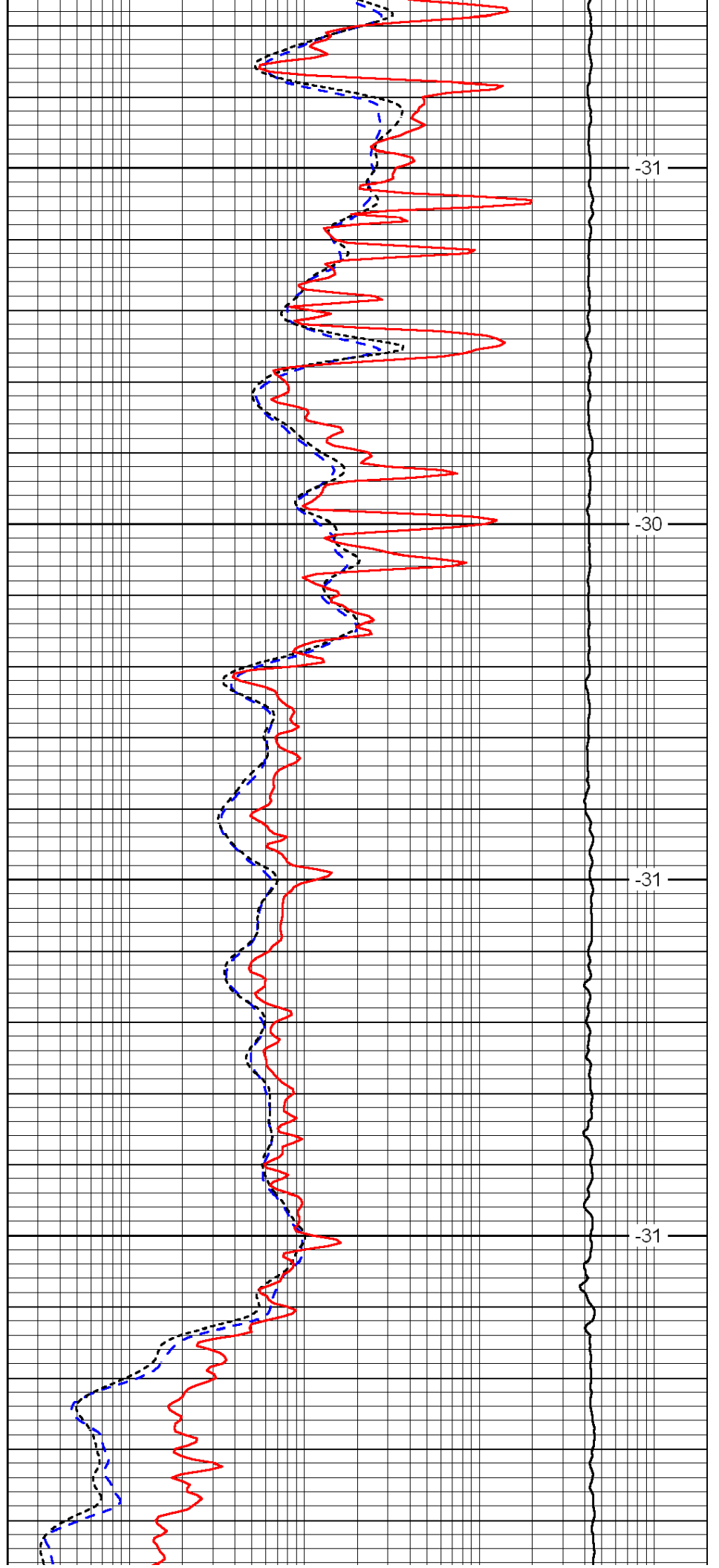


4250

4300

4350

4400

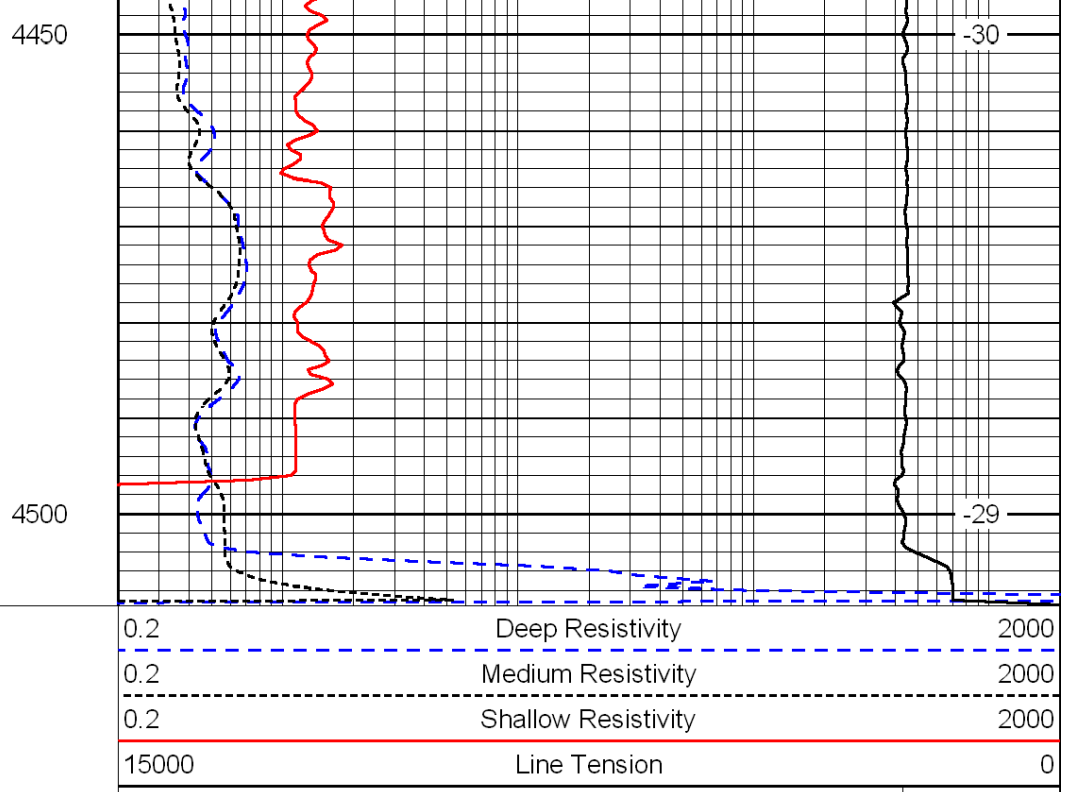
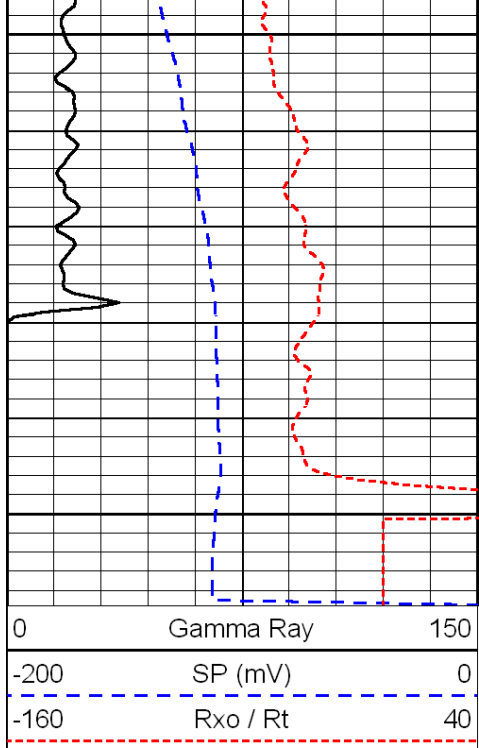


-31

-30

-31

-31



LSPD



DIGITAL LOG (785) 625-3858

Dual Compensated Porosity Log

15-077-21,828-00-00

API No. 15-077-21,828-00-00

Company MTM Petroleum, Inc.
 Well Maloney "W" No. 2
 Field Washbon
 County Harper State Kansas

Location W2 SW SE
 660' FSL & 2310' FEL

Sec: 6 Twp: 31 S Rge: 7 W

Other Services DIL

Elevation K.B. 1651
 D.F. 1641
 G.L. 1641

Permanent Datum Ground Level Elevation 1641
 Log Measured From Kelly Bushing 10 Ft. Above Perm. Datum
 Drilling Measured From Kelly Bushing

Date	3/21/2012	
Run Number	One	
Type Log	CNL / CDL	
Depth Driller	4500	
Depth Logger	4504	
Bottom Logged Interval	4483	
Top Logged Interval	3600	
Type Fluid In Hole	Chemical	
Salinity, PPM CL	3000	
Density	9.3	
Level	Full	
Max. Rec. Temp. F	121	
Operating Rig Time	3 Hours	
Equipment -- Location	17 Hays	
Recorded By	D. Martin	
Witnessed By	Marvin Miller	

Borehole Record				Casing Record			
Run No.	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	223	8.625	24#	00	223
2	7.875	223	4500				

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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

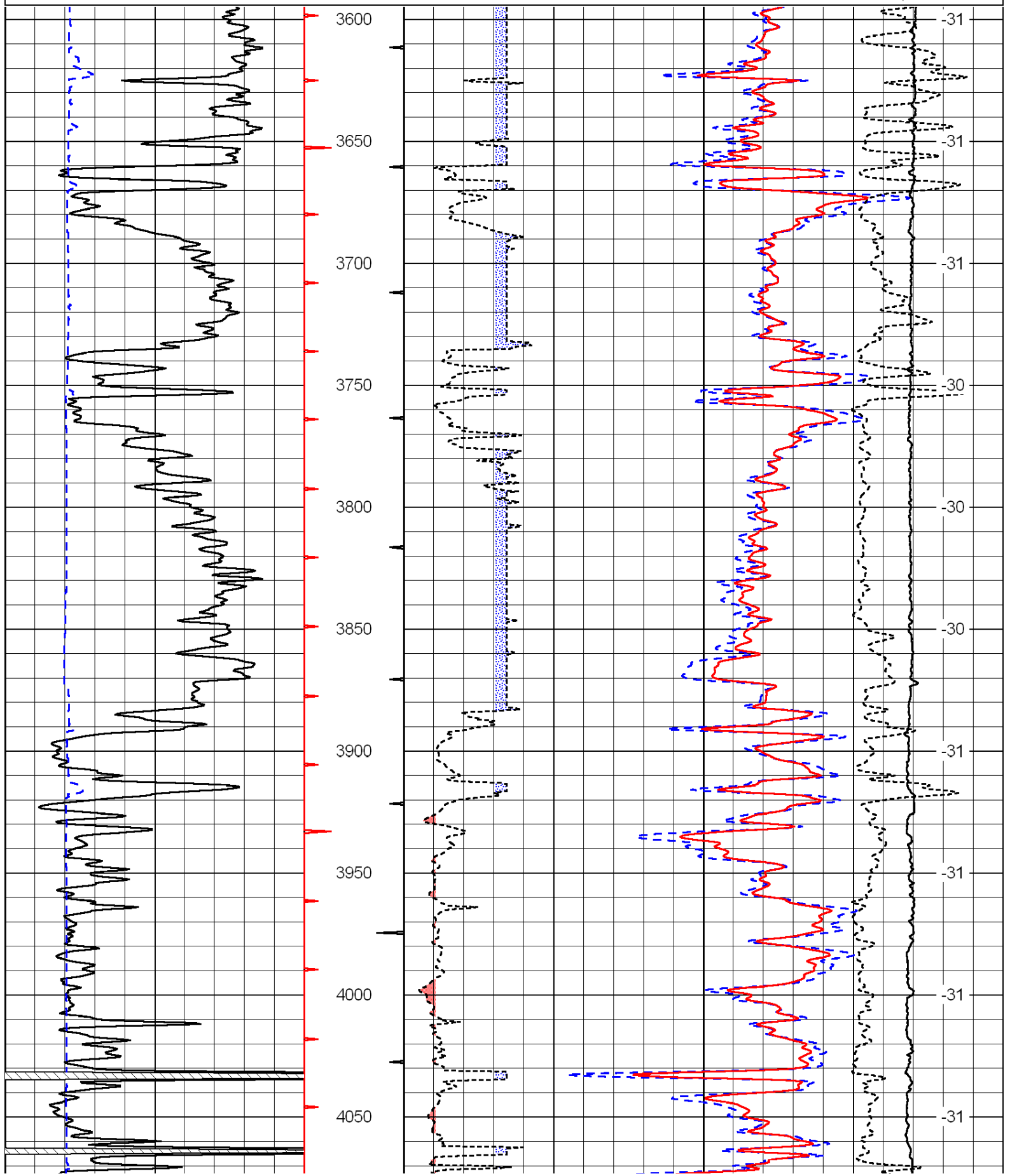
Thank you for using Log-Tech, Inc.
 (785) 625-3858

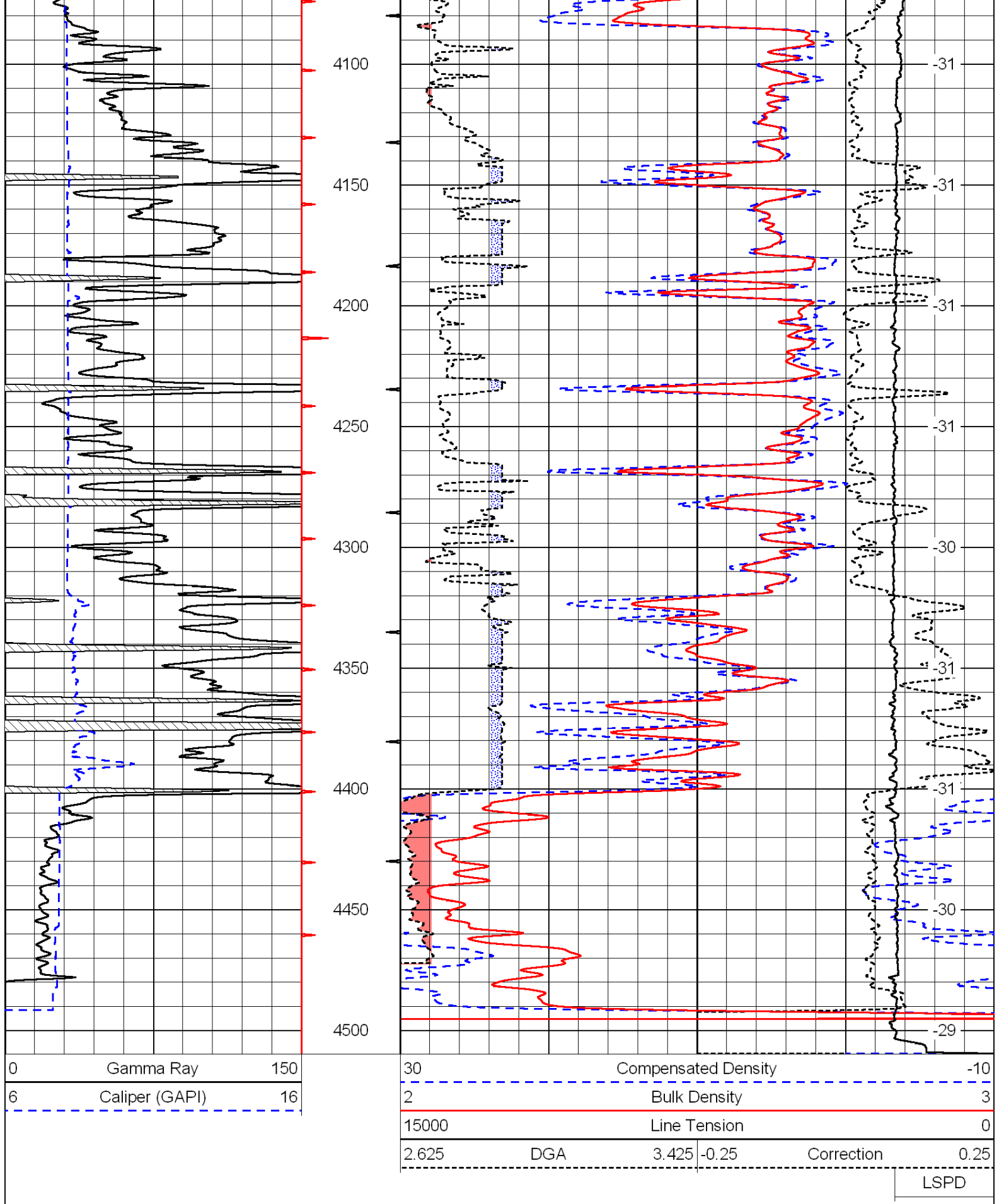
Kingman, KS
 S to County Line on Hwy 14,
 1 S to Ridge Rd., 2 1/2 W, N Into

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 Dataset Pathname: DIL\mtmstk
 Presentation Format: cdl
 Dataset Creation: Wed Mar 21 05:13:58 2012
 Charted by: Depth in Feet scaled 1:600

0	Gamma Ray	150
6	Caliper (GAPI)	16

30	Compensated Density		-10
2	Bulk Density		3
15000	Line Tension		0
2.625	DGA	3.425	-0.25
			Correction
			0.25
LSPD			



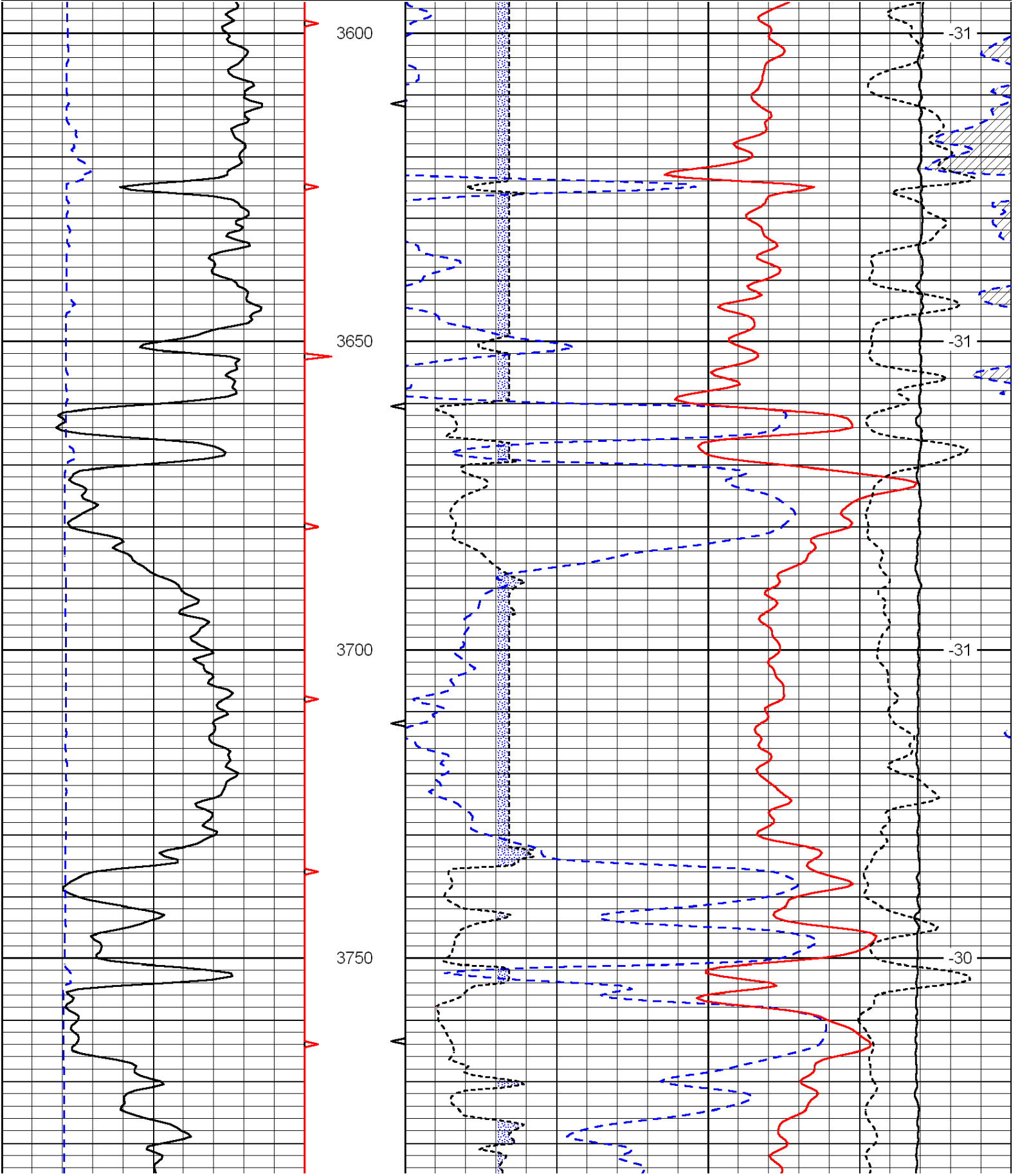


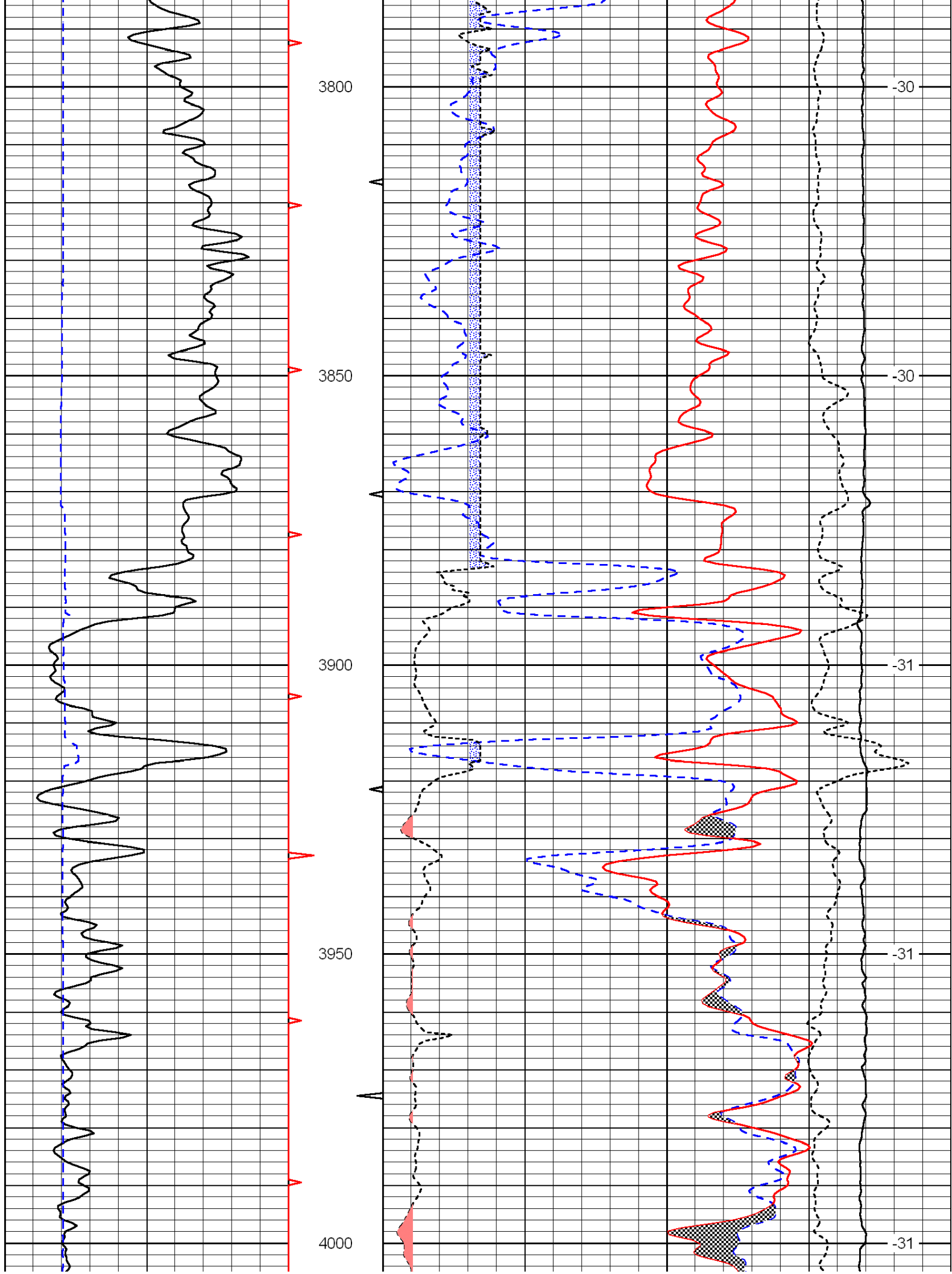
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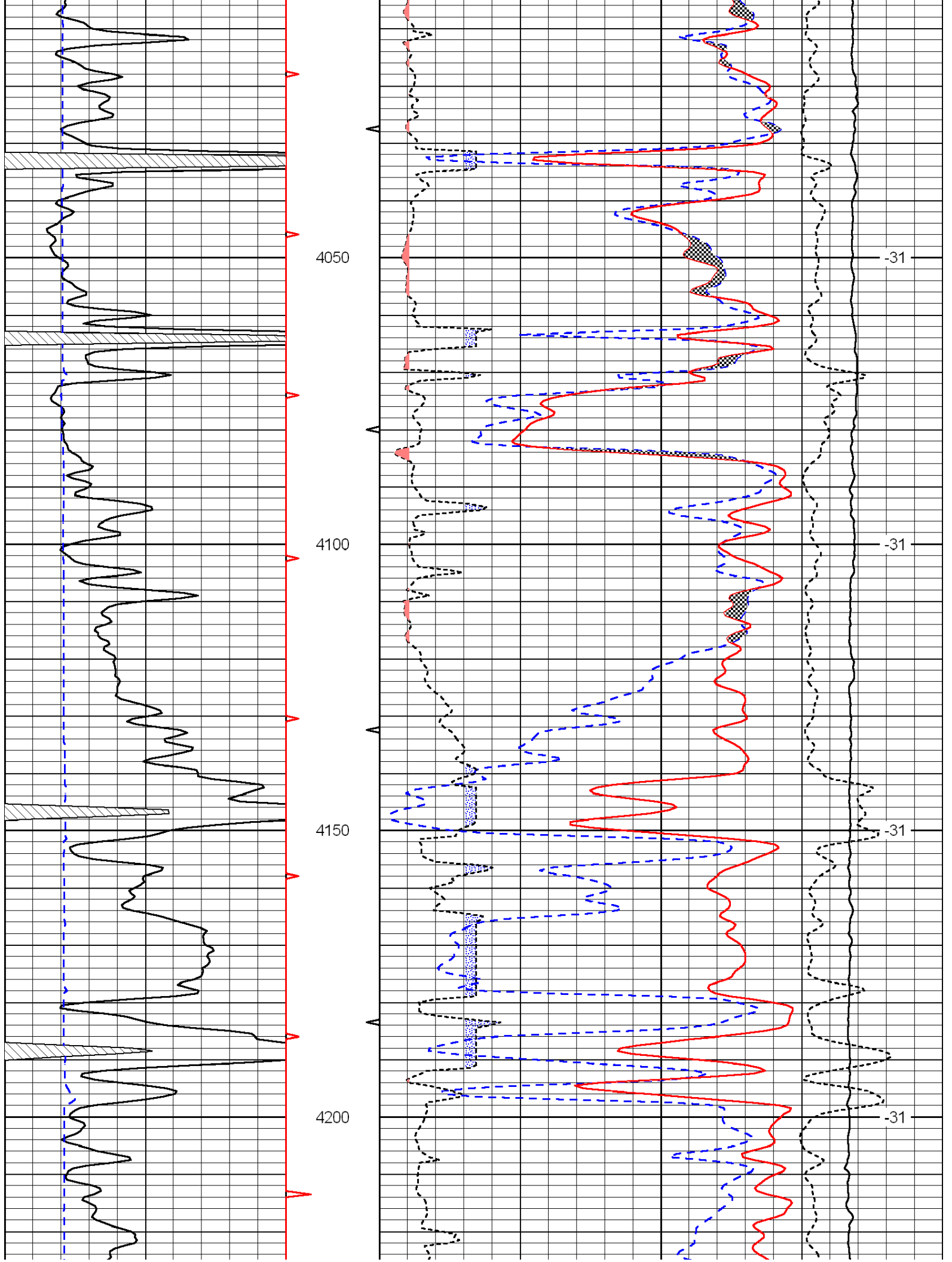
0	Gamma Ray	150
6	Caliper (GAPI)	16

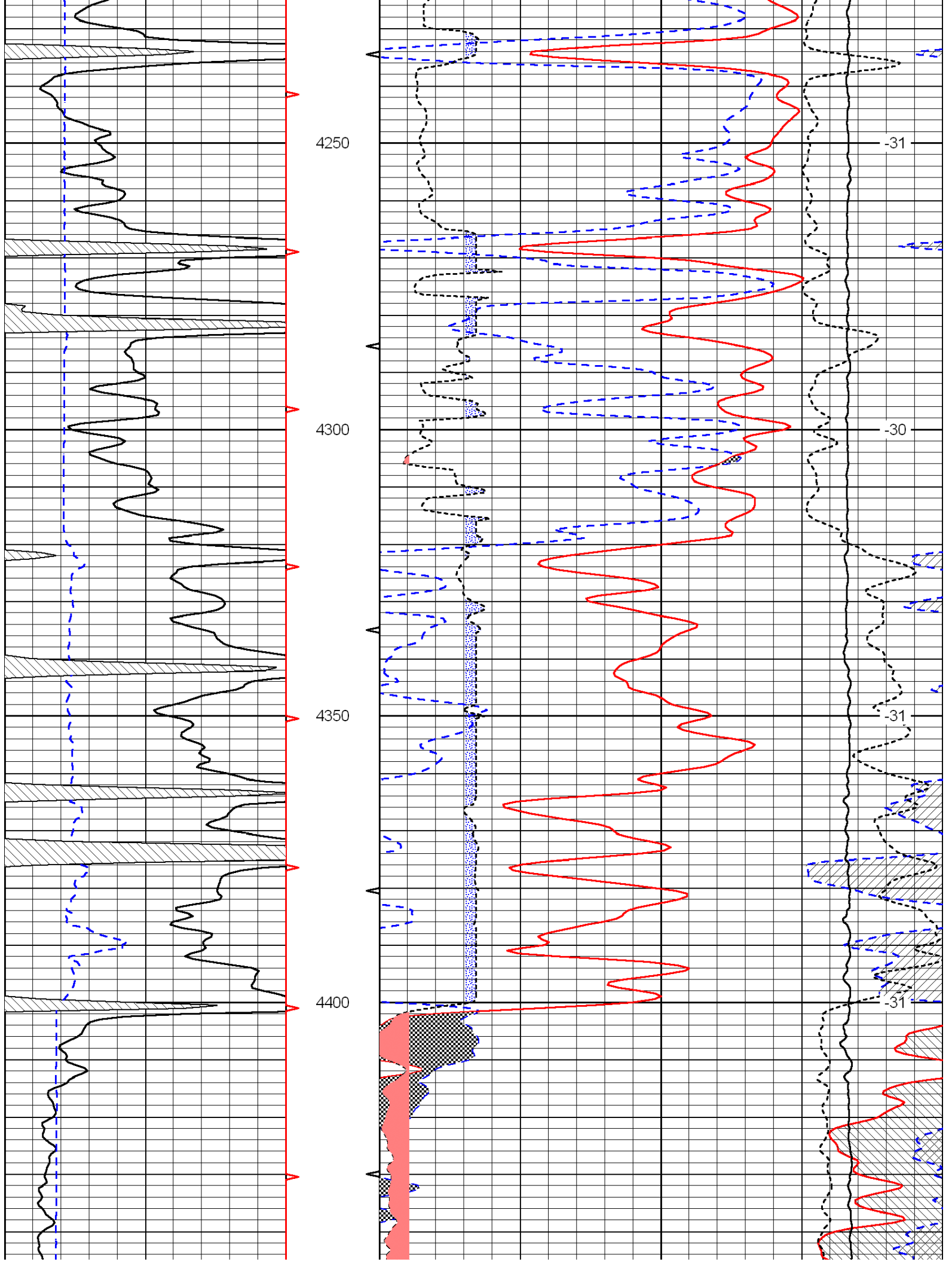
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30	Compensated Density (Limestone)			-10	
2.625	DGA	3.425	-0.25	Correction	0.25
15000	Line Tension			0	

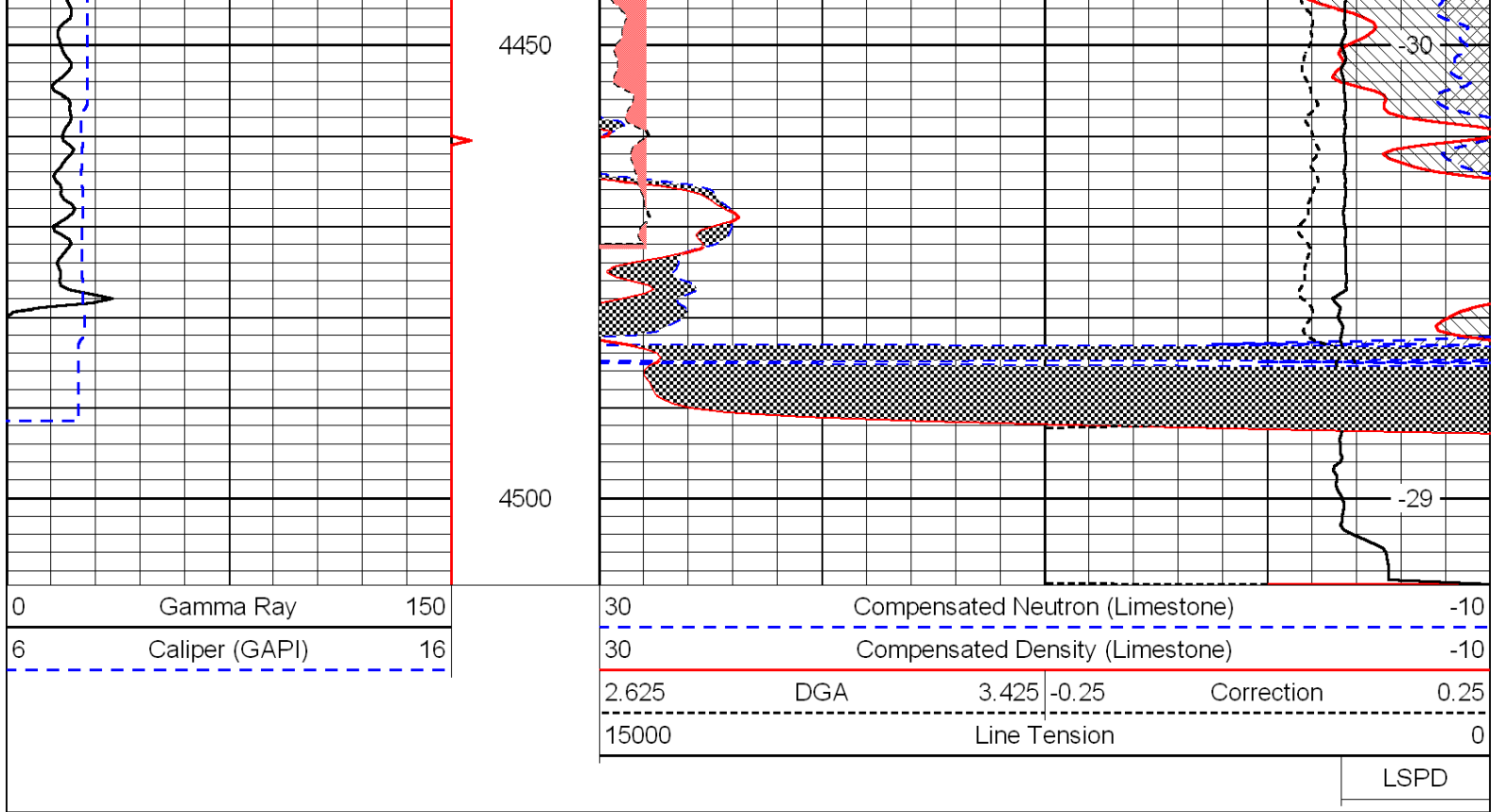
LSPD











Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



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

Mark Sievers, Chairman
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

May 11, 2012

Nick Miler
MTM Petroleum, Inc.
2370 S State Road 14
PO BOX 391
KINGMAN, KS 67068-0391

Re: ACO1
API 15-077-21828-00-00
Maloney 'M' 2
SE/4 Sec.06-31S-07W
Harper County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Nick Miler

ALLIED OIL & GAS SERVICES, LLC 054006

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Medicine Lodge

DATE <i>3-15-12</i>	SEC. <i>6</i>	TWP. <i>31s</i>	RANGE <i>7w</i>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <i>Malone #1</i> WELL # <i>2</i>						COUNTY <i>Harper</i>	STATE <i>Ks</i>
LOCATION <i>N of Attica, to Mag Plant, E</i>							
OLD OR NEW (Circle one)							

CONTRACTOR *Hardt #1*

TYPE OF JOB *Surface*

HOLE SIZE *12 1/4* T.D. *223*

CASING SIZE *8 5/8* DEPTH

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. *20'*

PERFS.

DISPLACEMENT *13 1/8 Bls*

EQUIPMENT

PUMP TRUCK CEMENTER *Brett / Matt T.*

360-265 HELPER *Adam M.*

BULK TRUCK

381-250 DRIVER *Brett G.*

BULK TRUCK

_____ DRIVER

REMARKS:

*Break Circulation, Pump 3 Ahead
Mix 22.5sx of 60:40 12% gel + 3% cc
Displace with 13 1/8 H₂O Fresh
Cement Did Circulate Shut In*

CHARGE TO: *MTM*

STREET _____

CITY _____ STATE _____ ZIP _____

To: Allied Oil & Gas Services, 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 _____

SIGNATURE *Scott Adkins*

OWNER *MTM*

CEMENT

AMOUNT ORDERED *22.5sx 60:40 12% gel + 3% cc*

COMMON <i>Class A 135x @ 16.25</i>	<i>2193.75</i>
POZMIX <i>90sx @ 8.50</i>	<i>765.00</i>
GEL <i>4sx @ 21.25</i>	<i>85.00</i>
CHLORIDE <i>75x @ 5.820</i>	<i>407.40</i>
ASC @	
@	
@	
@	
@	
@	
@	
@	
HANDLING <i>236 @ 2.25</i>	<i>531.00</i>
MILEAGE <i>236x .11x .35</i>	<i>908.60</i>
TOTAL	<i>2910.75</i>

SERVICE

DEPTH OF JOB *223'*

PUMP TRUCK CHARGE *1,125.00*

EXTRA FOOTAGE @

MILEAGE *35 @ 7.00* *245.00*

MANIFOLD @ *200.00*

light Vch. 35 @ 4.00 *140.00*

@

TOTAL *1,710.00*

PLUG & FLOAT EQUIPMENT

None

@

@

@

@

@

TOTAL _____

SALES TAX (If Any) _____

TOTAL CHARGES *#4620.75*

DISCOUNT _____ IF PAID IN 30 DAYS



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 04322 A

6-315-7W

DATE _____ TICKET NO. _____

DATE OF JOB: 3-21-12		DISTRICT: Pratt, Kansas		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:					
CUSTOMER: M T M Petroleum, Inc.		LEASE: Maloney "M"		WELL NO. 2					
ADDRESS:		COUNTY: Harper		STATE: Kansas					
CITY:		STATE:		SERVICE CREW: C. Messick; M. Mattal; J. McCortney					
AUTHORIZED BY:		JOB TYPE: C.N.W. - Logging							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM/PM	TIME
37216	75						3-21-12	AM	8:00
						ARRIVED AT JOB		AM	12:00
19903-19905	75					START OPERATION		AM	3:50
						FINISH OPERATION		AM	4:35
19960-19918	75					RELEASED	3-21-12	AM	5:15
						MILES FROM STATION TO WELL			50

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 105	AA2 Cement	ct	110		
CP 103	60/40 Poz Cement	ct	30		
CC 105	C-41P	Lb	21		
CC 111	Salt	Lb	550		
CC 115	C-44	Lb	104		
CC 129	FLA-322	Lb	52		
CC 201	Gilsonite	Lb	550		
CF 606	Latch Down Plug and Baffle 4 1/2"	ea	1		
CF 1250	Auto Fill Float Shoe 4 1/2"	ea	1		
CF 1650	Turbolizer, 4 1/2"	ea	4		
C 704	Claymax	Gal	4		
CC 155	Super Flush II	Gal	1000		

CHEMICAL / ACID DATA:

SUB TOTAL

SERVICE & EQUIPMENT %TAX ON \$
MATERIALS %TAX ON \$

TOTAL

SERVICE REPRESENTATIVE: _____

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: _____

FIELD SERVICE ORDER NO.

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

Customer M.M. Petroleum, Inc.	Lease No.	Date 3-21-12
Lease Maloney "M"	Well # 2	
Field Order # 4322	Station Pratt, Kansas	Casing 7 1/2 10.5Lb.
Type Job C.N.W. - Longstring	Formation	Depth 4,503 Feet
		County Harper
		State Kansas
		Legal Description 6-315-7W

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 7 1/2	Tubing Size	Shots/Ft	110 sacks	Acid	AA2 with 5% FLA	RATE	PRESS	ISIP
Depth 4,503 Feet	Depth	From	To 1025	Pre Pad	5Lb/st. Gilsonite			5 Min.
Volume 68.4 Bbl.	Volume	From	To 15Lb	Pad	5.96 Gal./st.	Min		10 Min.
Max Press 1,500 PSI	Max Press	From	To	Flac		Avg		15 Min.
Well Connection Flycatcher	Annulus Vol.	From	To 30 sacks	60/40 Poztop		HHP Used		Annulus Pressure
Plug Depth 4,403 Feet	Packer Depth	From	To	Flush	71 Bbl. 2% HCL	Gas Volume		Total Load

Customer Representative Mick Miller	Station Manager David Scott	Treater Clarence R. Messitt
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Service Units	37,216	19,903	19,905	19,960	19,918				
Driver Names	Messitt	Ma Hal	McCaskey						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
11:00					Cement and Float Equipment on location
12:00					Trucks on location and held safety meeting
1:15					Hardt Drilling start to run Auto-Fill Float Shoe. Shoe Joint with Latch Down Baffle screwed in collar and a total of 111 Joints new 10.5Lb/ft 4 1/2 casing. A Turbolizer was installed on collars # 1, 2, 4 and # 5
3:00					Casing in well. Circulate for 45 minutes
3:51		3000			Shut in well. Pressure Test. Open Well.
3:53	300			6	Start Fresh water Pre-Flush
			20	6	Start Super Flush II.
			44	5	Start Fresh water spacer.
4:00	400		47	5	Start mixing 110 sacks AA-2 cement.
	0		75		stop pumping. Shut in well. Wash pump and lines. Release Latch Down Plug. Open Well.
4:09	100			6.5	Start 2% clay max Displacement.
			54	5	Start to lift cement.
4:21	600		71		Plug down.
	500				Pressure up.
	0				Release pressure. Float Shoe held.
	0		7	3	Plug Rat Hole.
					Wash up pump truck.
5:15					Job Complete.
					Thank You Clarence, Mike, Jeffery