

Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

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

Gas  DH  EOR

OG  GSW

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 EOR  Conv. to SWD

Plug Back  Liner  Conv. to GSW  Conv. to Producer

Commingled Permit #: \_\_\_\_\_

Dual Completion Permit #: \_\_\_\_\_

SWD Permit #: \_\_\_\_\_

EOR Permit #: \_\_\_\_\_

GSW Permit #: \_\_\_\_\_

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: \_\_\_\_\_

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  Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

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](mailto: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 Geologist Report / Mud Logs <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
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
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>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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# RADIATION GUARD LOG

Company: HABIT PETROLEUM, LLC  
 Well: K LEIKER #4  
 Field: DEGENHARDT SOUTHEAST  
 County: ELLIS  
 State: KANSAS

Company: HABIT PETROLEUM, LLC  
 Well: K LEIKER #4  
 Field: DEGENHARDT SOUTHEAST  
 County: ELLIS  
 State: KANSAS

Location: API #: 15-051-26960-00-00  
 3000' FNL & 2970' FEL  
 SEC 23 TWP 15S RGE 17W  
 Permanent Datum: GROUND LEVEL Elevation 1960'  
 Log Measured From: KELLY BUSHING  
 Drilling Measured From: KELLY BUSHING  
 Other Services: NONE  
 Elevation: K.B. 1965', D.F. N/A, G.L. 1960'

Date	7/25/2019
Run Number	ONE
Depth Driller	3558'
Depth Logger	3558'
Bottom Logged Interval	3557'
Top Log Interval	200'
Casing Driller	8.625" @ 218'
Casing Logger	217'
Bit Size	7.875"
Type Fluid in Hole	CHEMICAL
Salinity, ppm CL	35,000
Density / Viscosity	9.4 40
pH / Fluid Loss	8.0 16.0
Source of Sample	FLOWLINE
Rm @ Meas. Temp	.10 @ 73
Rmt @ Meas. Temp	.08 @ 73
Rmc @ Meas. Temp	.14 @ 73
Source of Rmf / Rmc	CHARTS
Rm @ BHT	.07 @ 112
Operating Rig Time	2 HOURS
Max Rec. Temp. F	112 DEGF
Equipment Number	P-108
Location	HAYS
Recorded By	J. HENRICKSON
Witnessed By	JERRY GREEN

<<< Fold Here >>>

All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services, LLC will not 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.

Comments

N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.  
  
 HAYS KANSAS  
 SOUTH TO CHETOLA GOLD, EAST TO 320 ROAD, 1/2 SOUTH  
 EAST INTO THROUGH CATTLE GUARD

Log Measured From: KELLY BUSHING      Ft. Above Permanent Datum

THANK YOU FOR USING PIONEER ENERGY SERVICES  
[www.pioneerenergy.com](http://www.pioneerenergy.com)      785-625-3858

Your Pioneer Energy Services Crew	This Log Record Was Witnessed By
Engineer: J. HENRICKSON	Primary Witness: JERRY GREEN
Operator:	Secondary Witness:
Operator:	Secondary Witness:
Operator:	Secondary Witness:



# Log Variables

DatabaseC:\ProgramData\Warrior\Data\habit\_k\_leiker\_4.db  
 Dataset field/well/RAG/pass3.1/\_vars\_

## Top - Bottom

AIR_HOLE? No	BOREID in 7.875	BOTTEMP degF 112	CASEOD in 5.5	CASETHCK in 0	MudWgt lb/gal 9.5	NPORSEL Limestone	PERFS 0
SPSHIFT mV 2525	SRFTEMP degF 52	TDEPTH ft 3558					

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GR	14.50		GR-M&W (89-M&W)	3.00	3.50	50.00
LGRD	11.00		LGRD-M&W (49) Simlec Long Guard	3.50	3.50	40.00
SCAL	5.10		SWN-M&W-SP (139-130)	10.50	4.00	190.00
SWN	4.45					

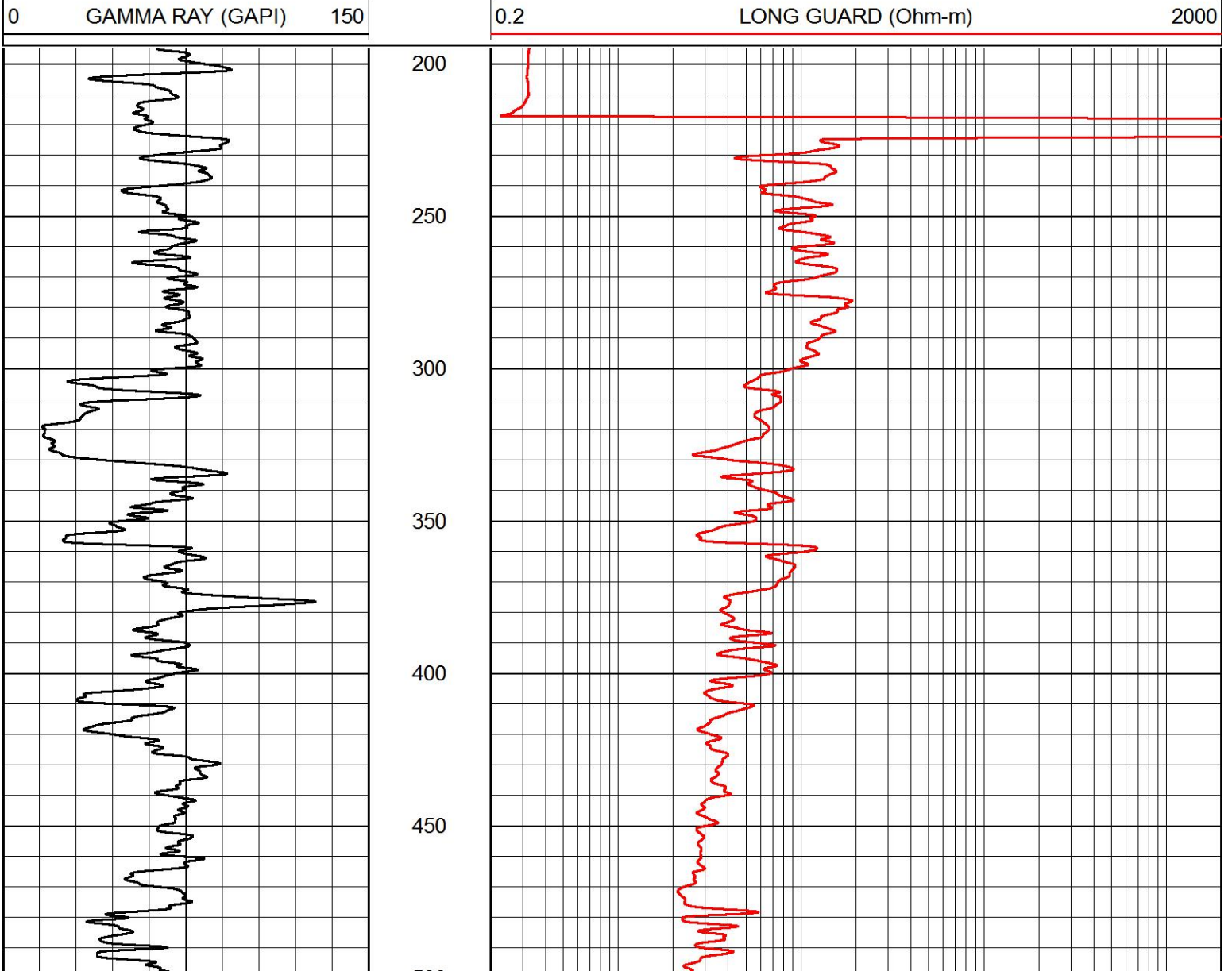
SP 0.20

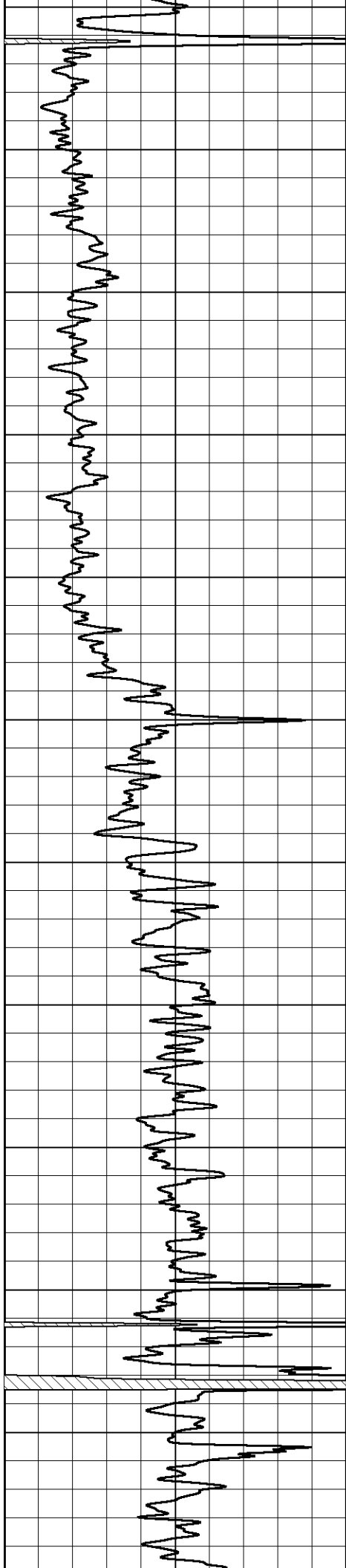
Dataset: habit\_k\_leiker\_4.db: field/well/RAG/pass3.1  
Total length: 17.00 ft  
Total weight: 280.00 lb  
O.D.: 4.00 in



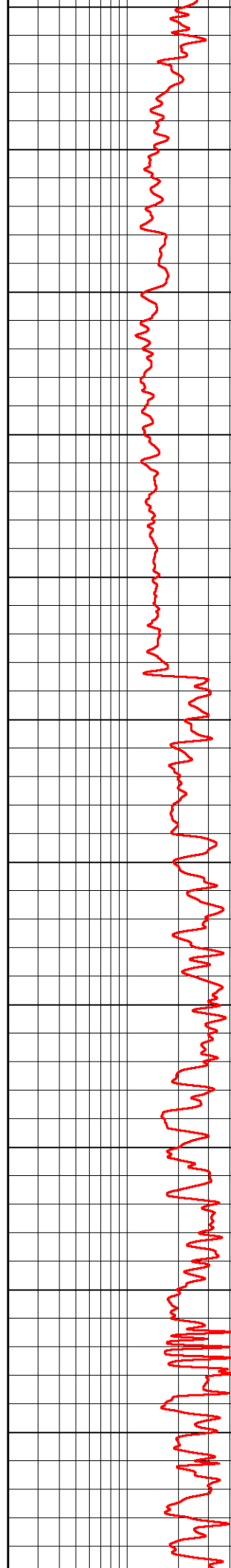
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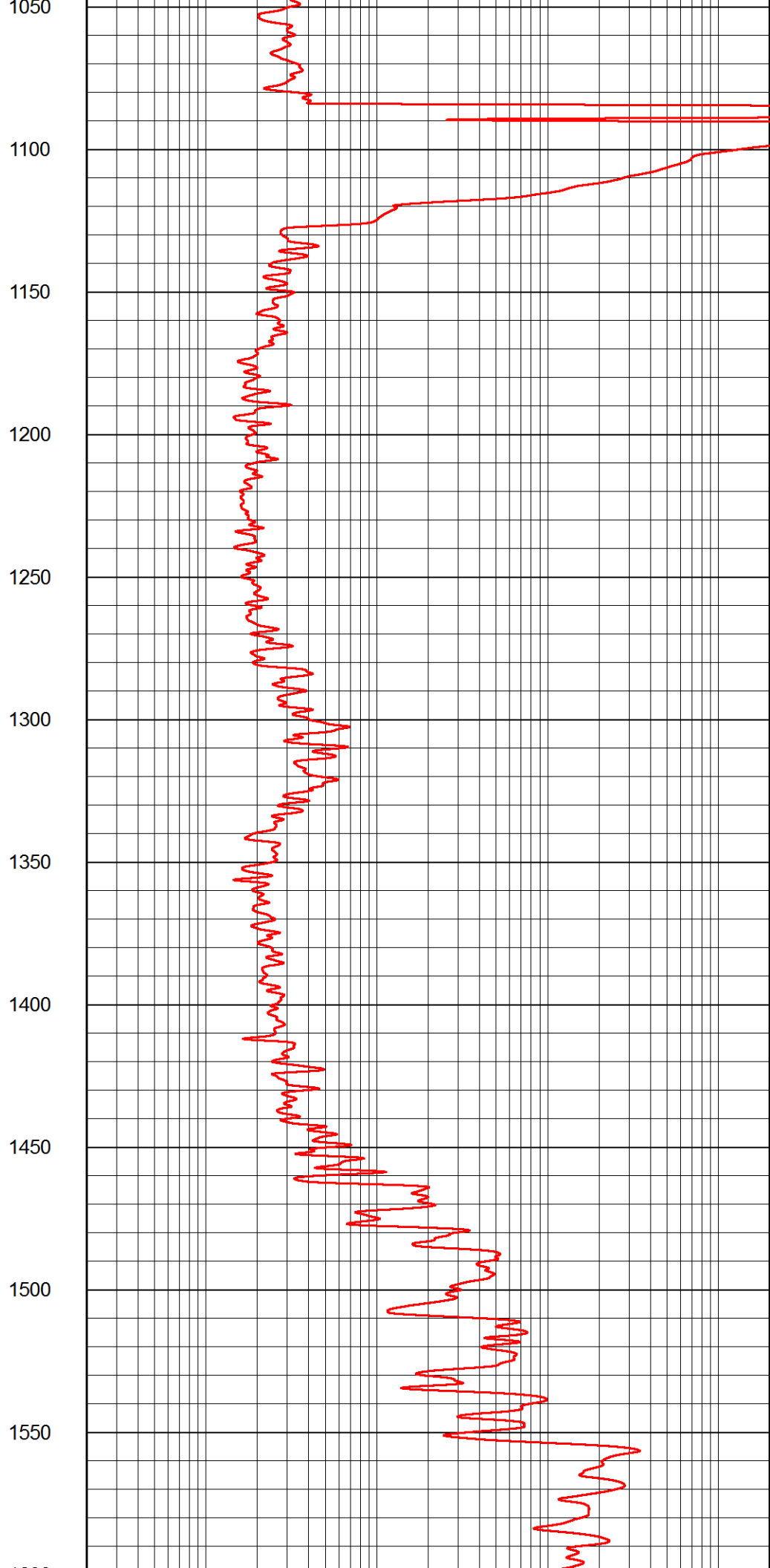
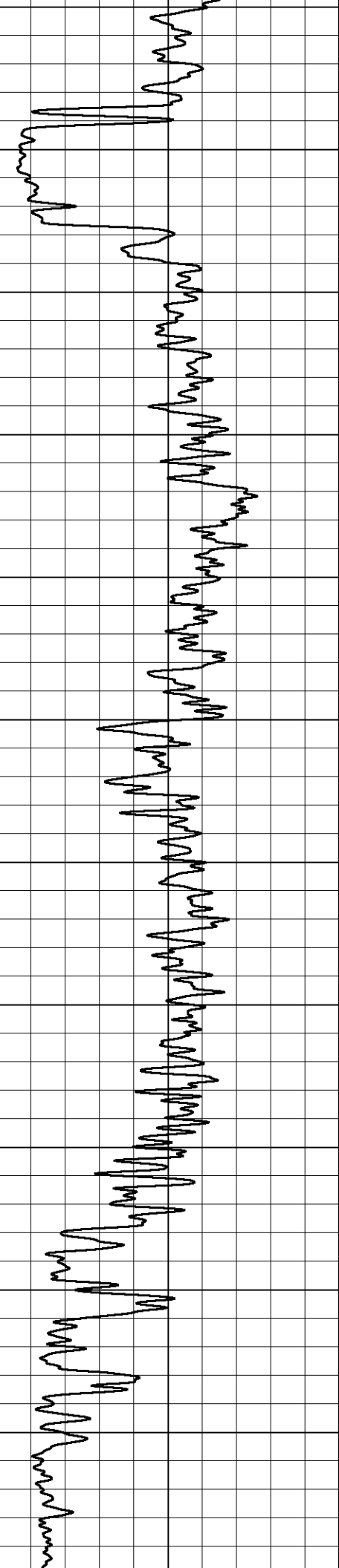
Database File habit\_k\_leiker\_4.db  
Dataset Pathname RAG/pass3.1  
Presentation Format rag2in  
Dataset Creation Thu Jul 25 03:51:17 2019  
Charted by Depth in Feet scaled 1:600

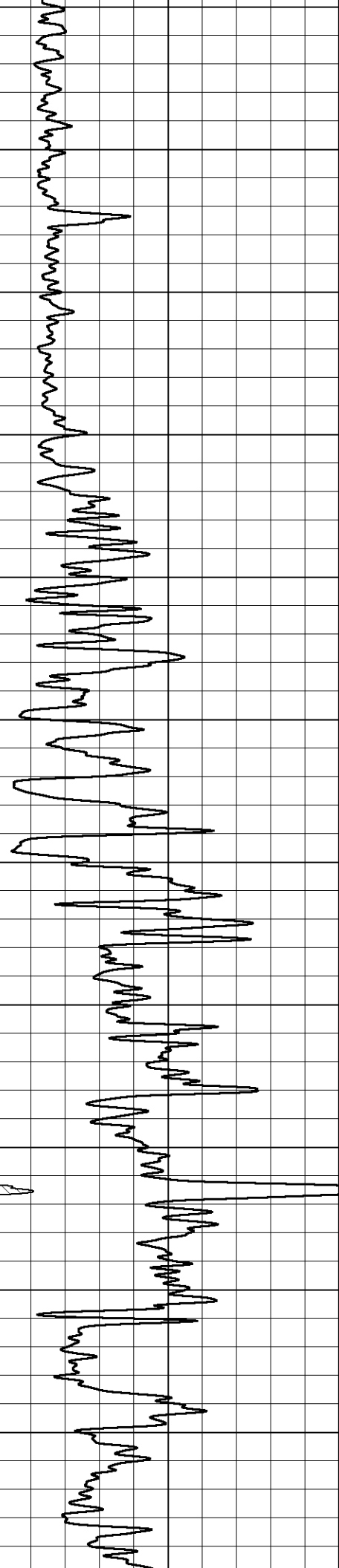




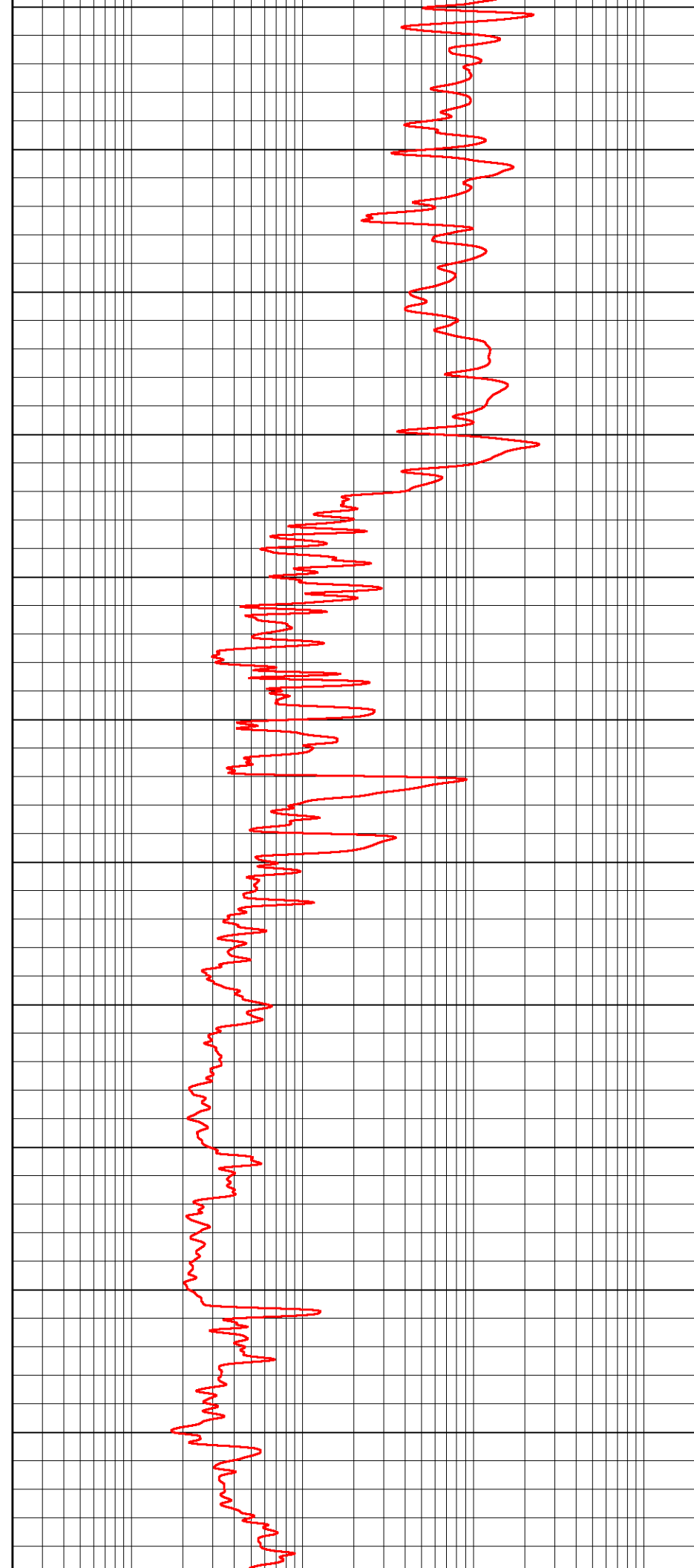
500  
550  
600  
650  
700  
750  
800  
850  
900  
950  
1000







1600  
1650  
1700  
1750  
1800  
1850  
1900  
1950  
2000  
2050  
2100



2150

2200

2250

2300

2350

2400

2450

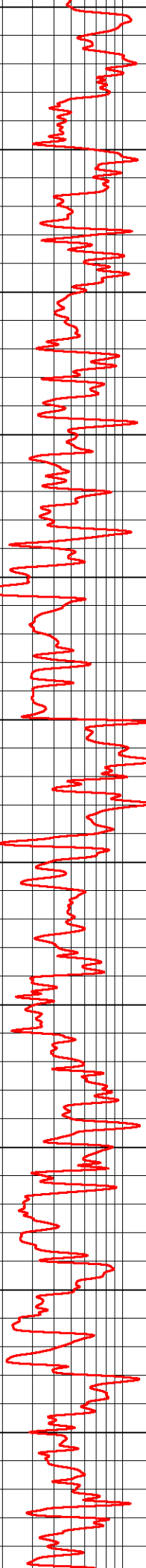
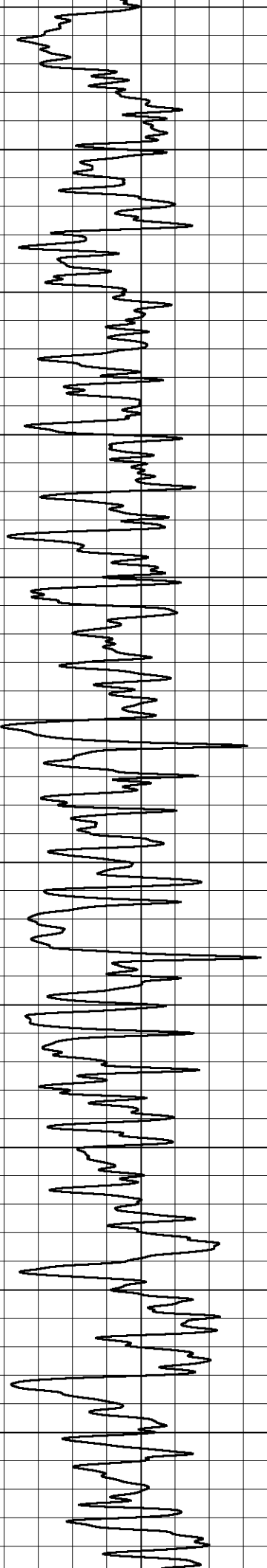
2500

2550

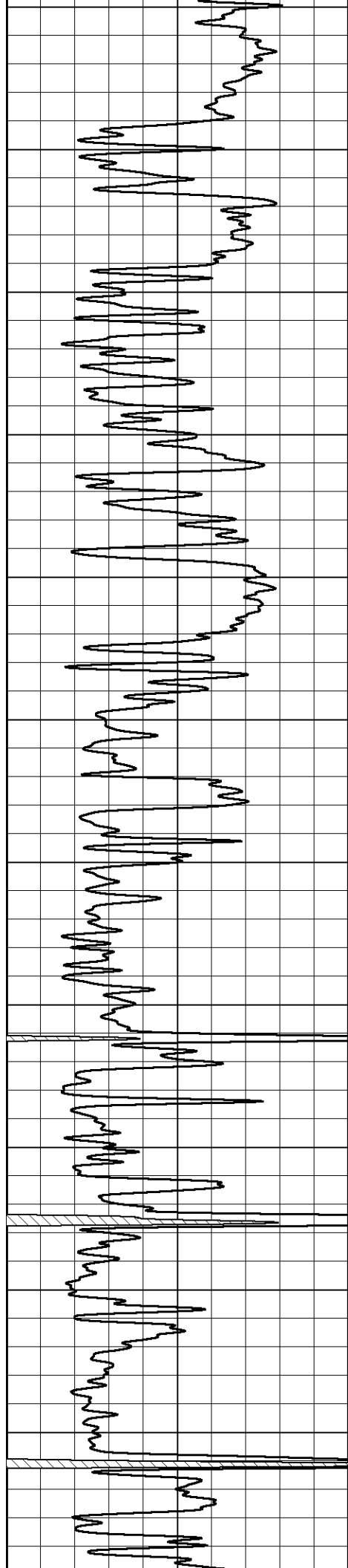
2600

2650

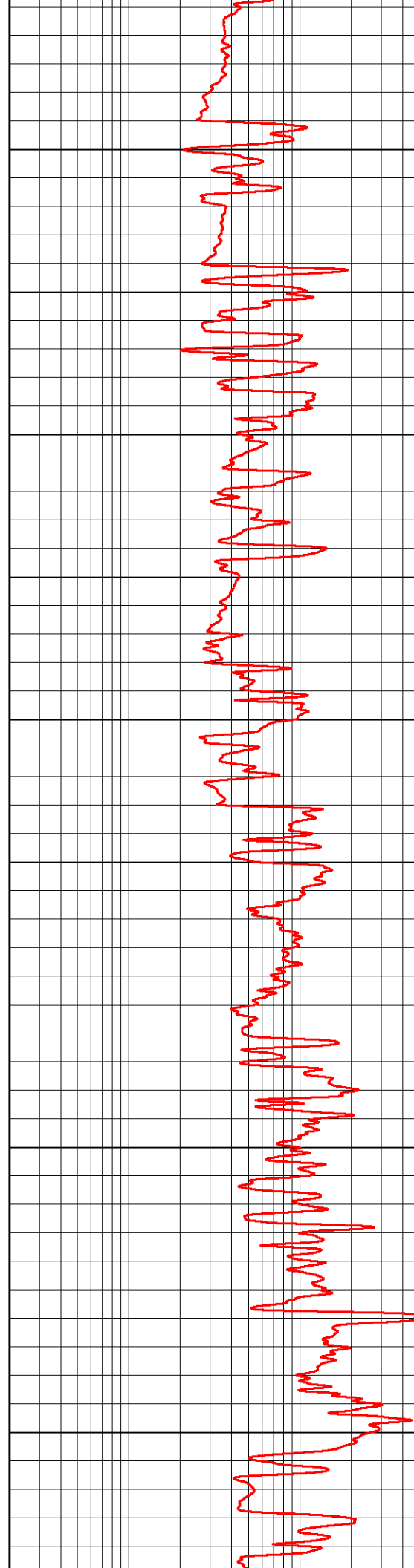
2700

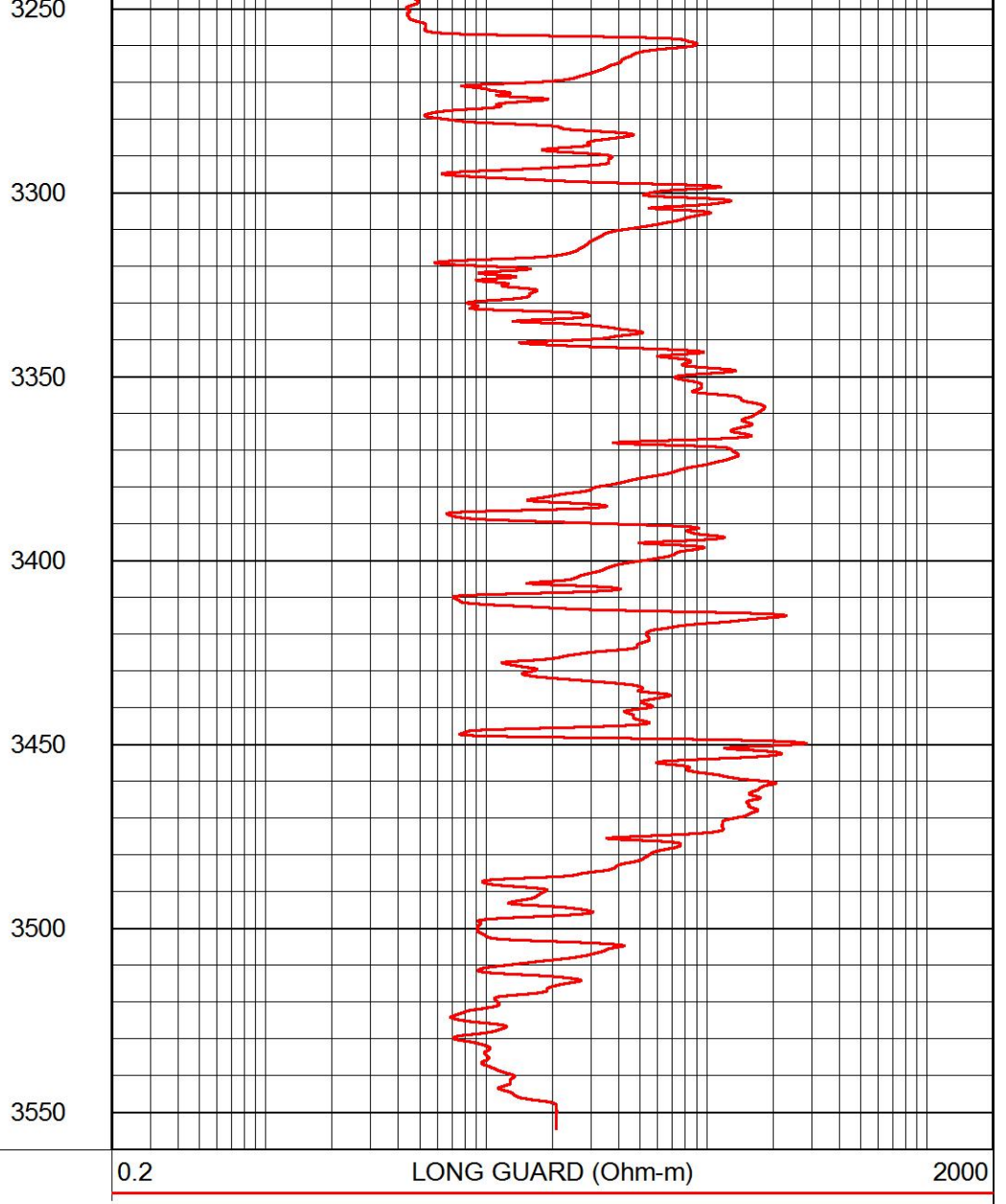
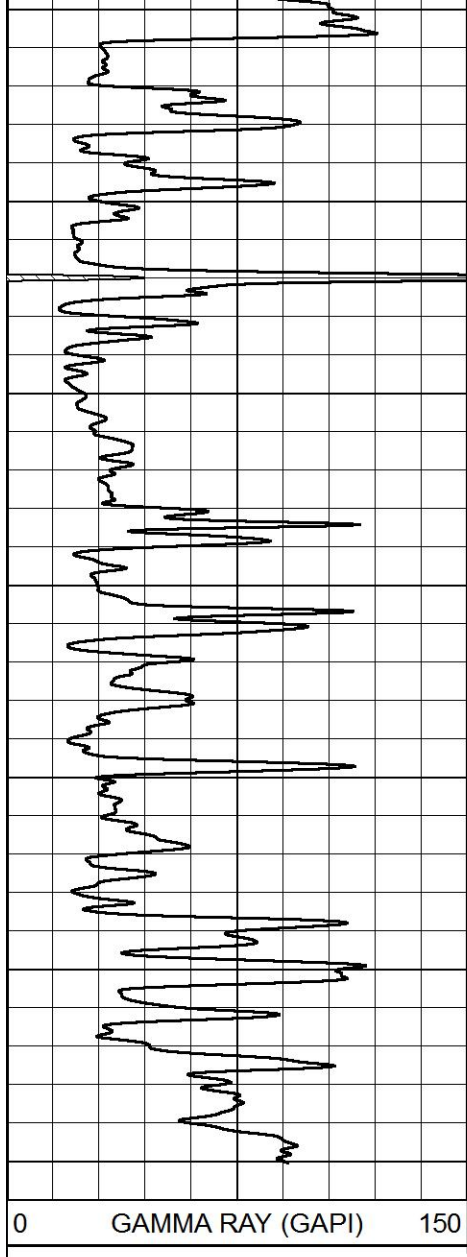






2700  
2750  
2800  
2850  
2900  
2950  
3000  
3050  
3100  
3150  
3200





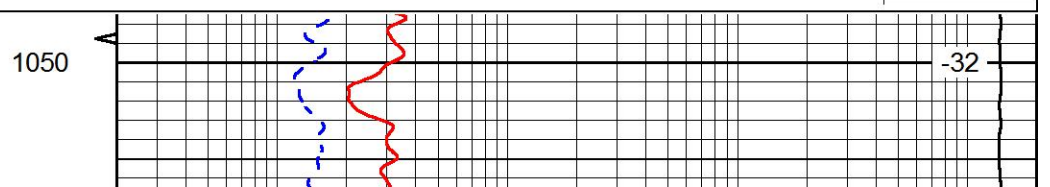
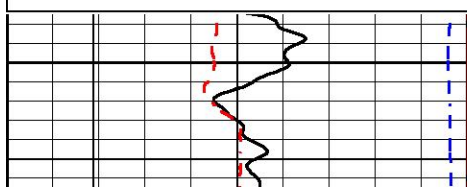
# MAIN PASS

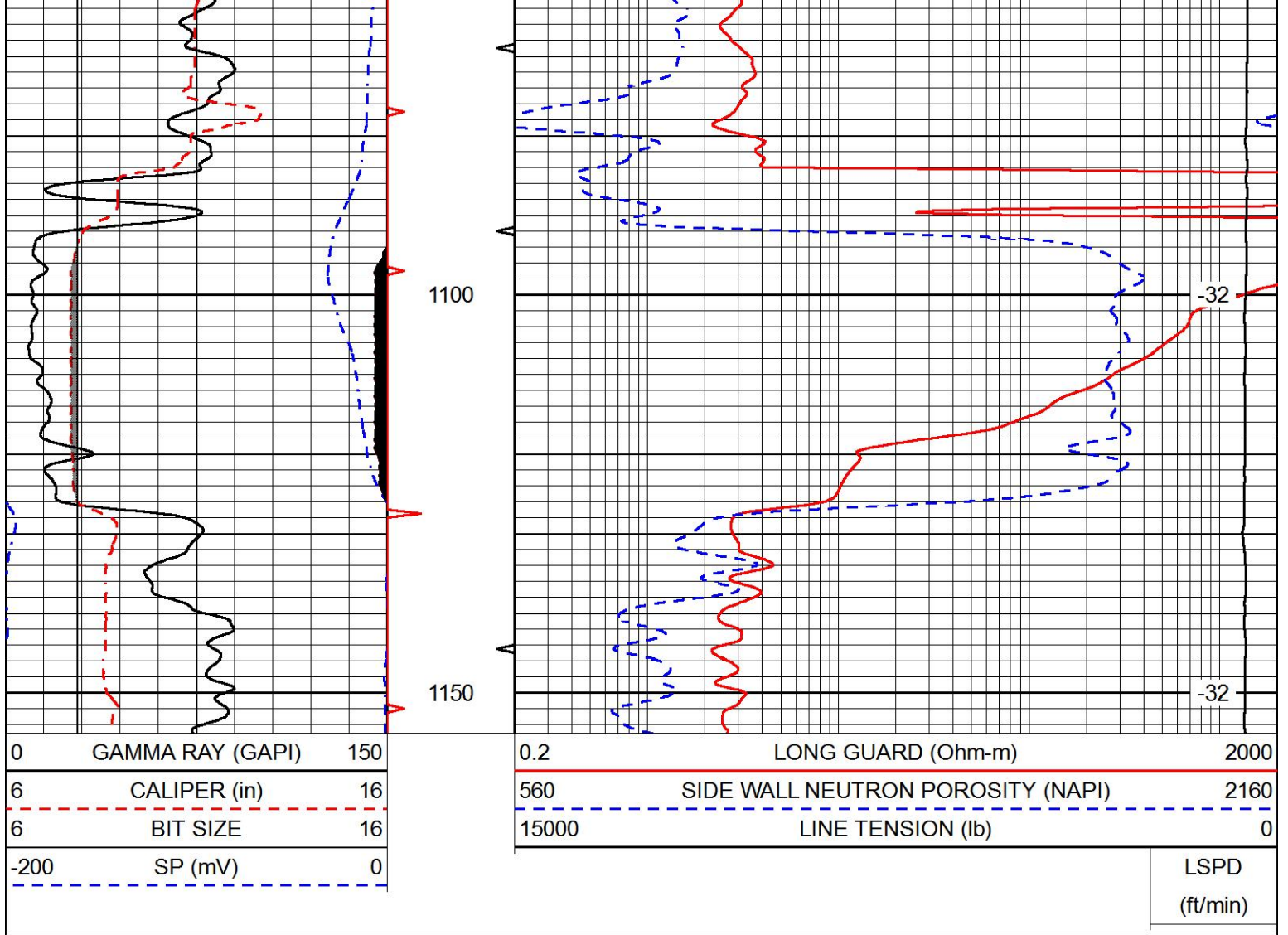
Database File habit\_k\_leiker\_4.db  
 Dataset Pathname RAG/pass3.1  
 Presentation Format rag  
 Dataset Creation Thu Jul 25 03:51:17 2019  
 Charted by Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150
6	CALIPER (in)	16
6	BIT SIZE	16
-200	SP (mV)	0

0.2	LONG GUARD (Ohm-m)	2000
560	SIDE WALL NEUTRON POROSITY (NAPI)	2160
15000	LINE TENSION (lb)	0

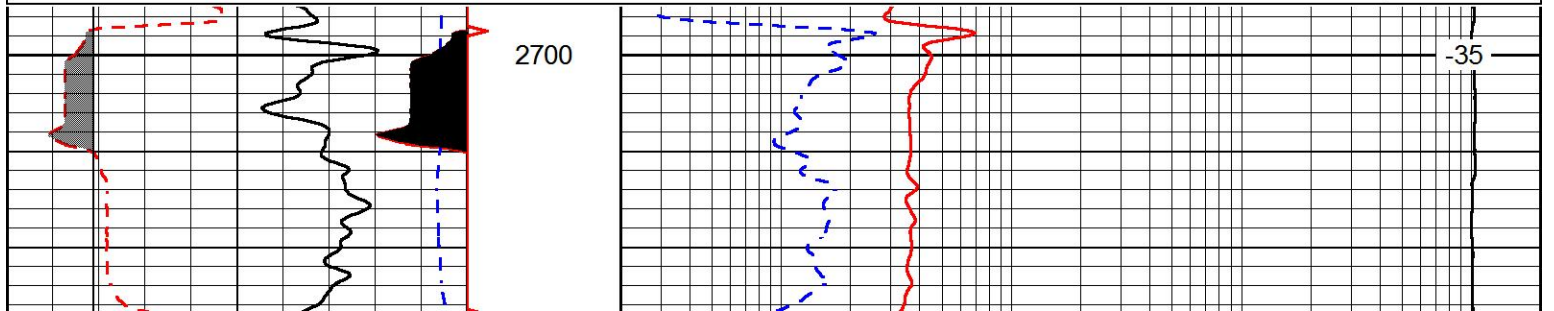
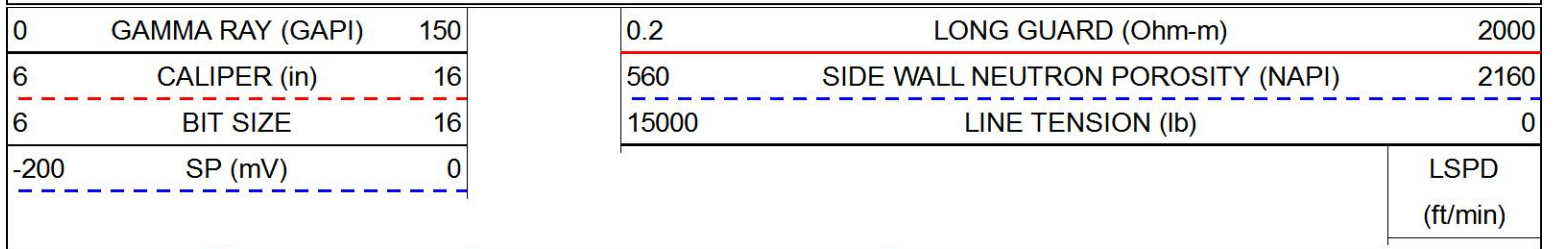
LSPD  
(ft/min)

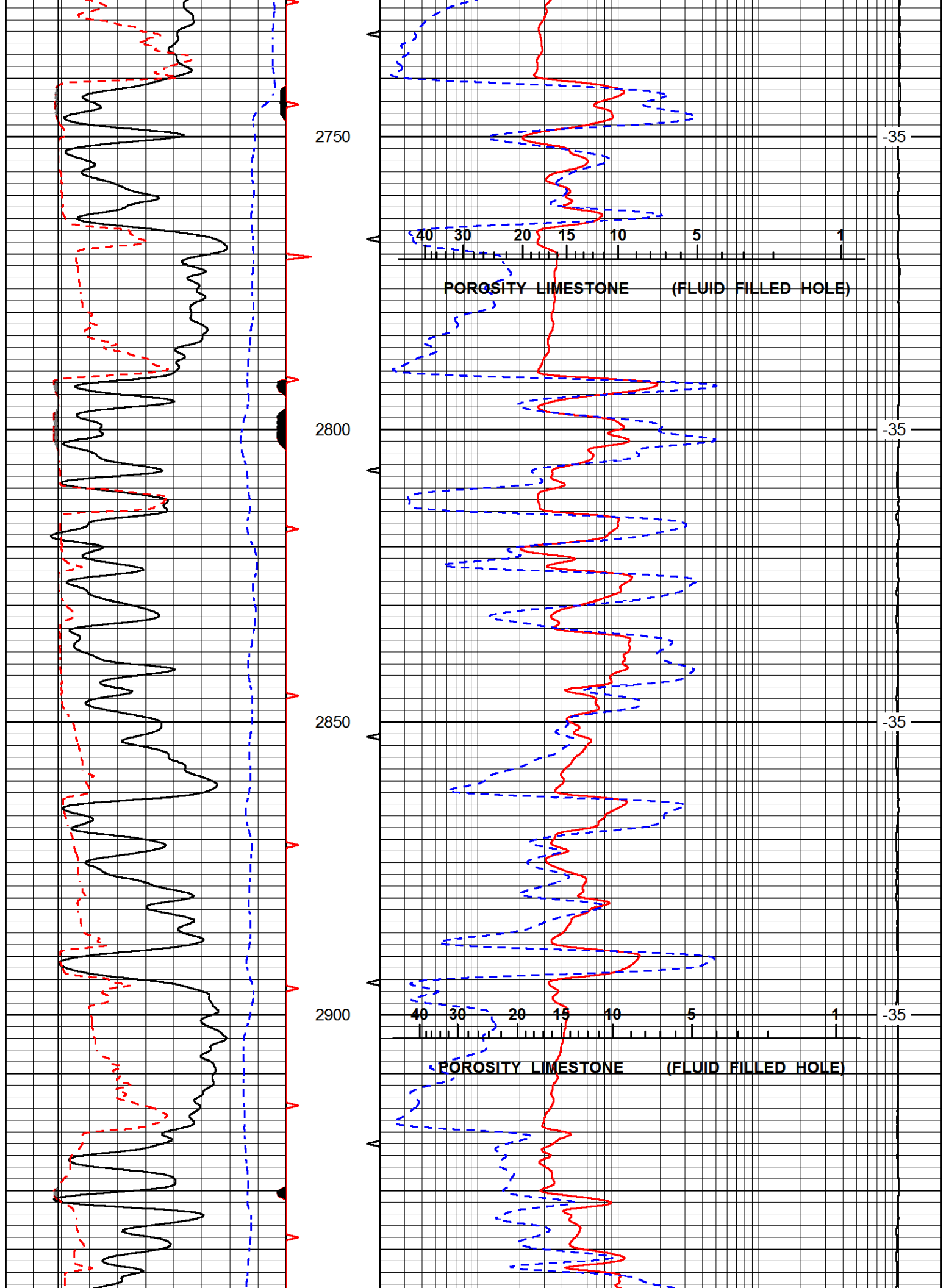


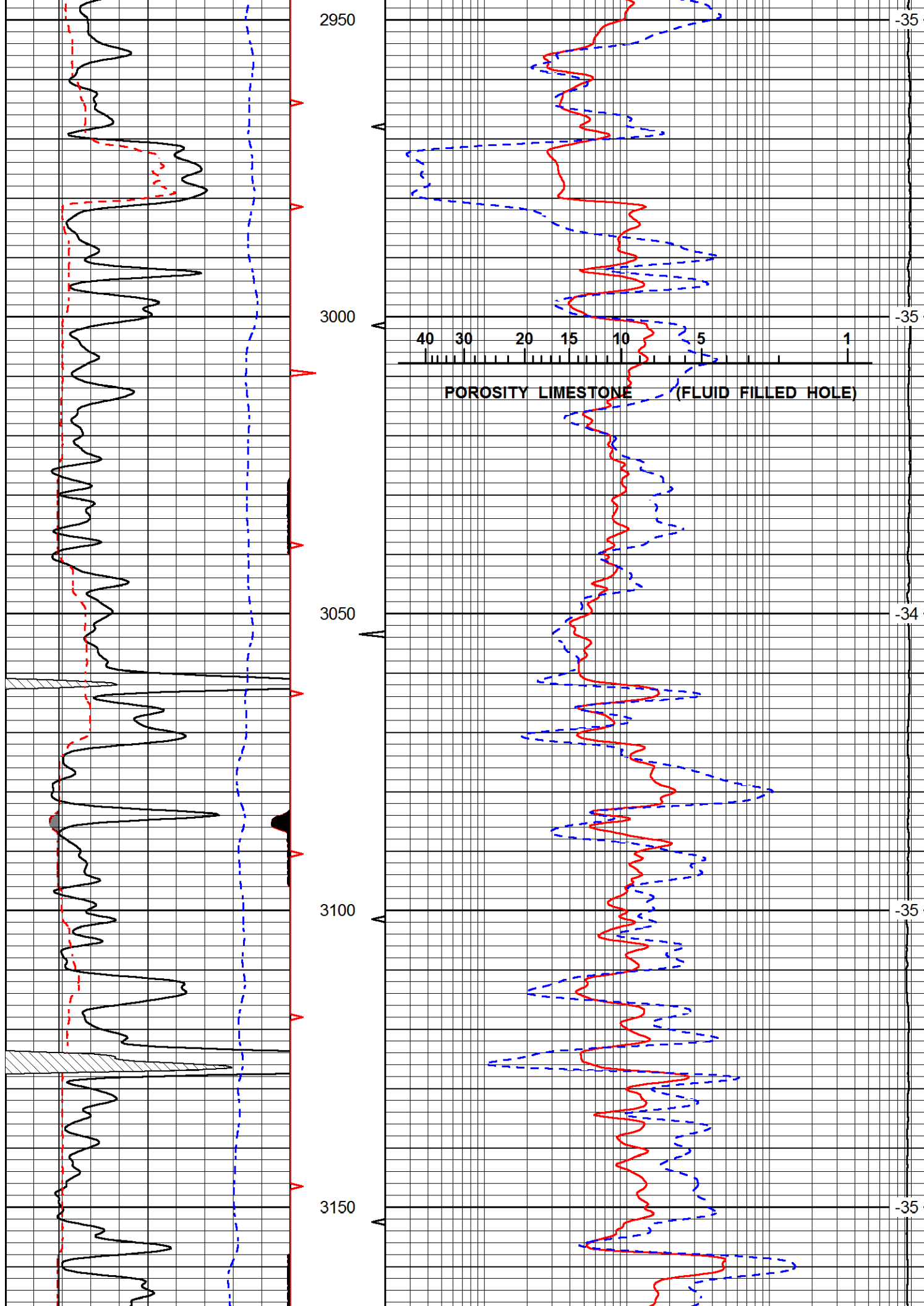


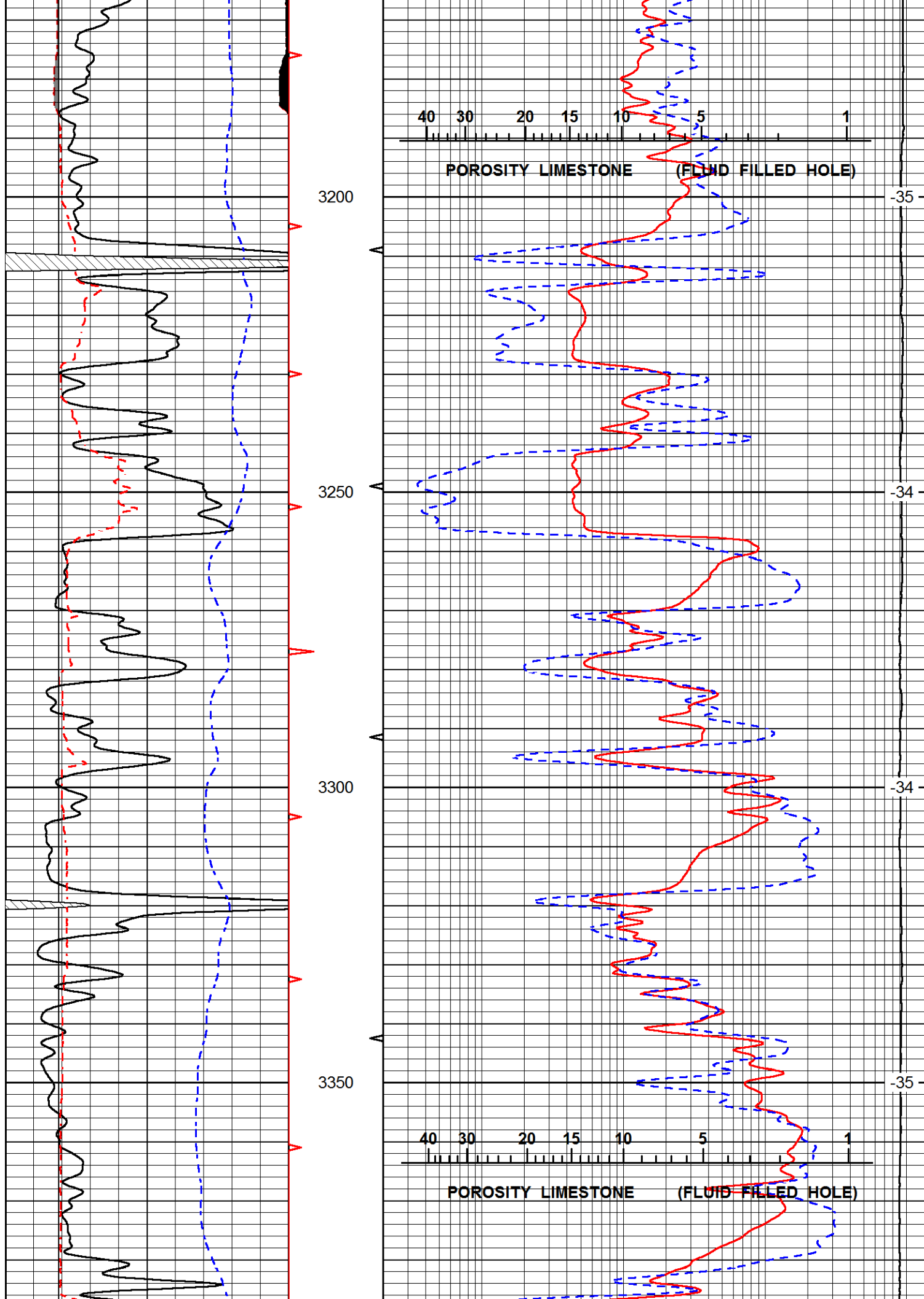
# MAIN PASS

Database File habit\_k\_leiker\_4.db  
 Dataset Pathname RAG/pass3.1  
 Presentation Format rag  
 Dataset Creation Thu Jul 25 03:51:17 2019  
 Charted by Depth in Feet scaled 1:240

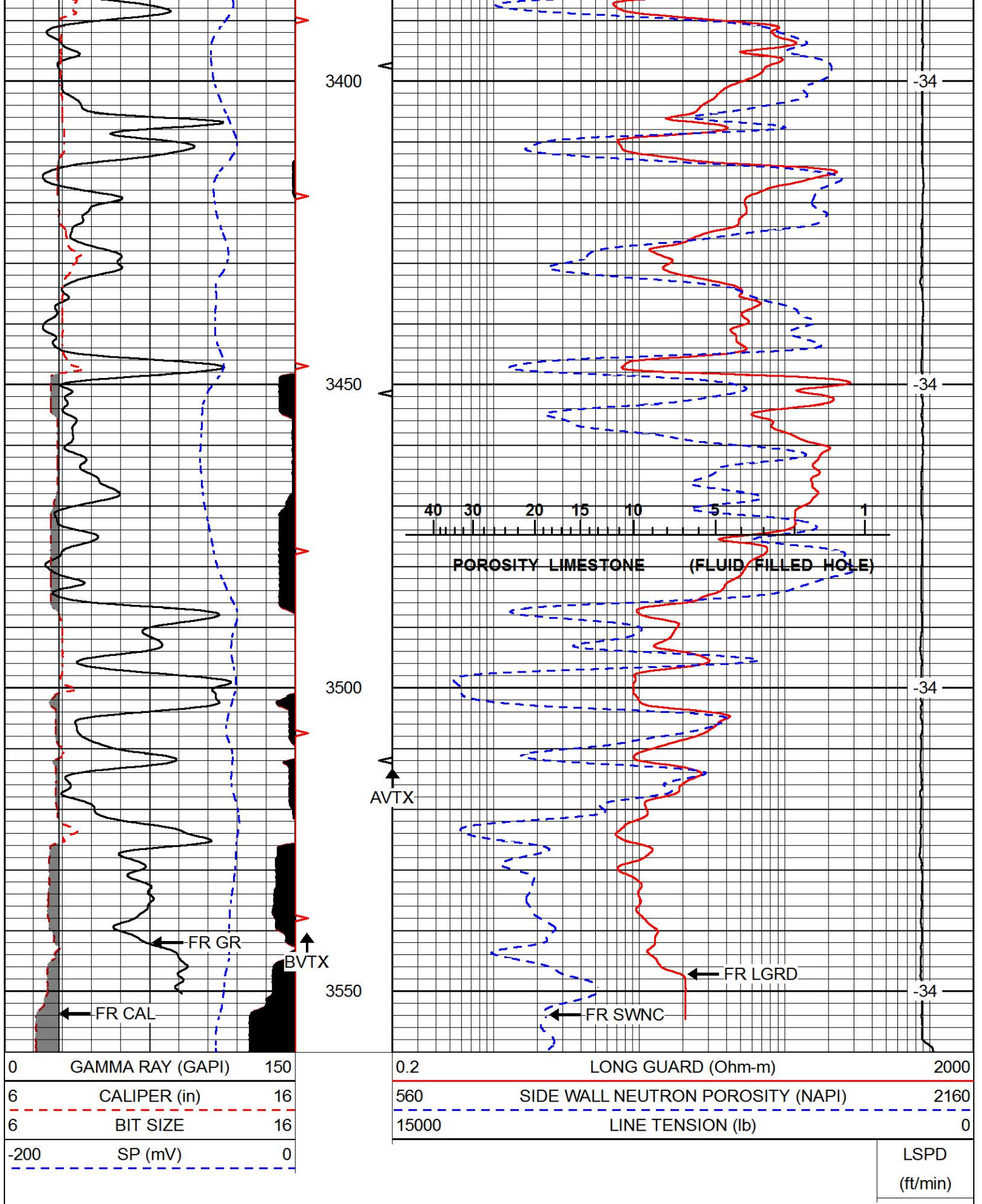












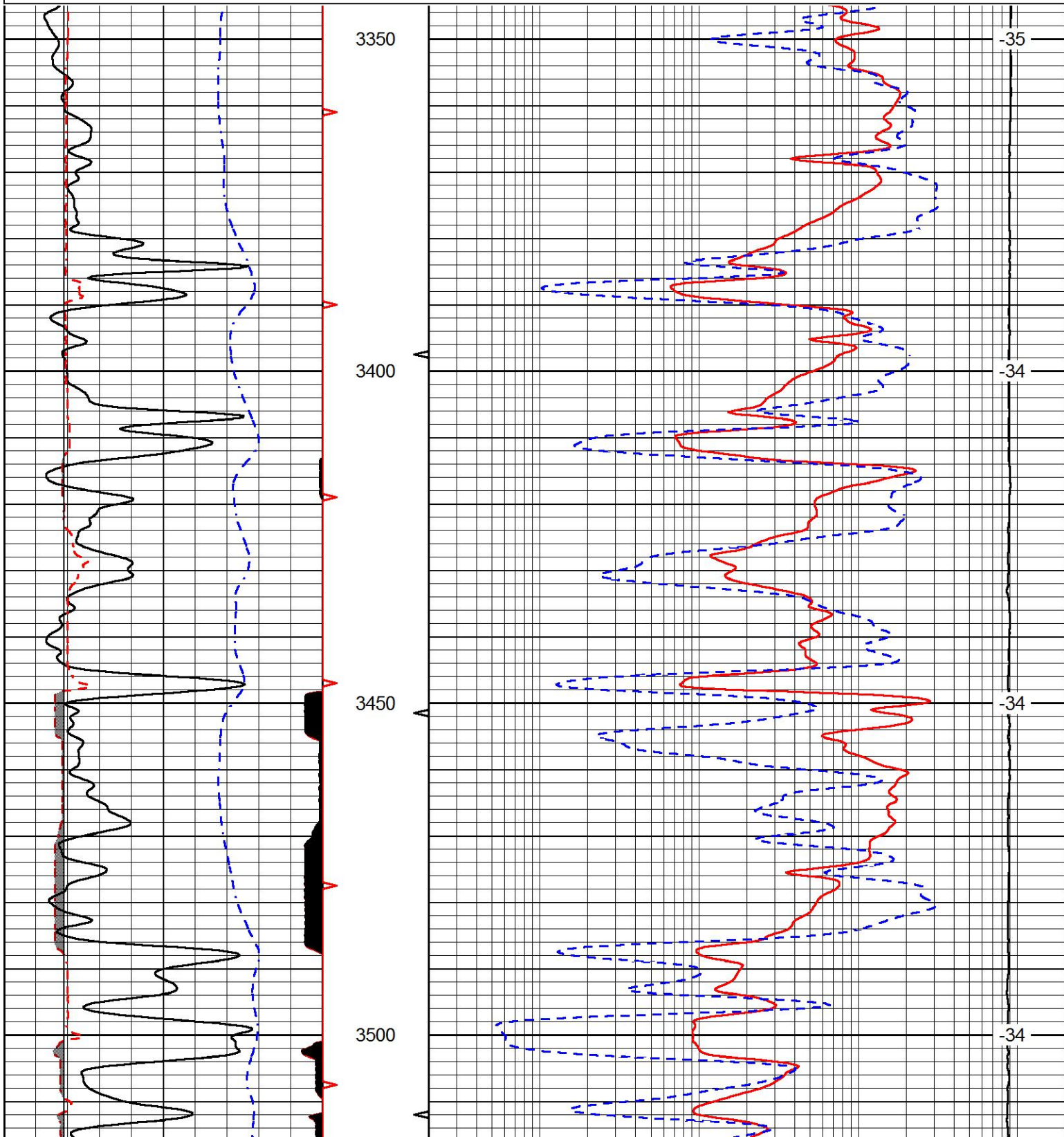
**REPEAT SECTION**

Database File habit\_k\_leiker\_4.db  
 Dataset Pathname RAG/pass2.1  
 Presentation Format rag  
 Dataset Creation Thu Jul 25 03:51:27 2019  
 Charted by Depth in Feet scaled 1:240

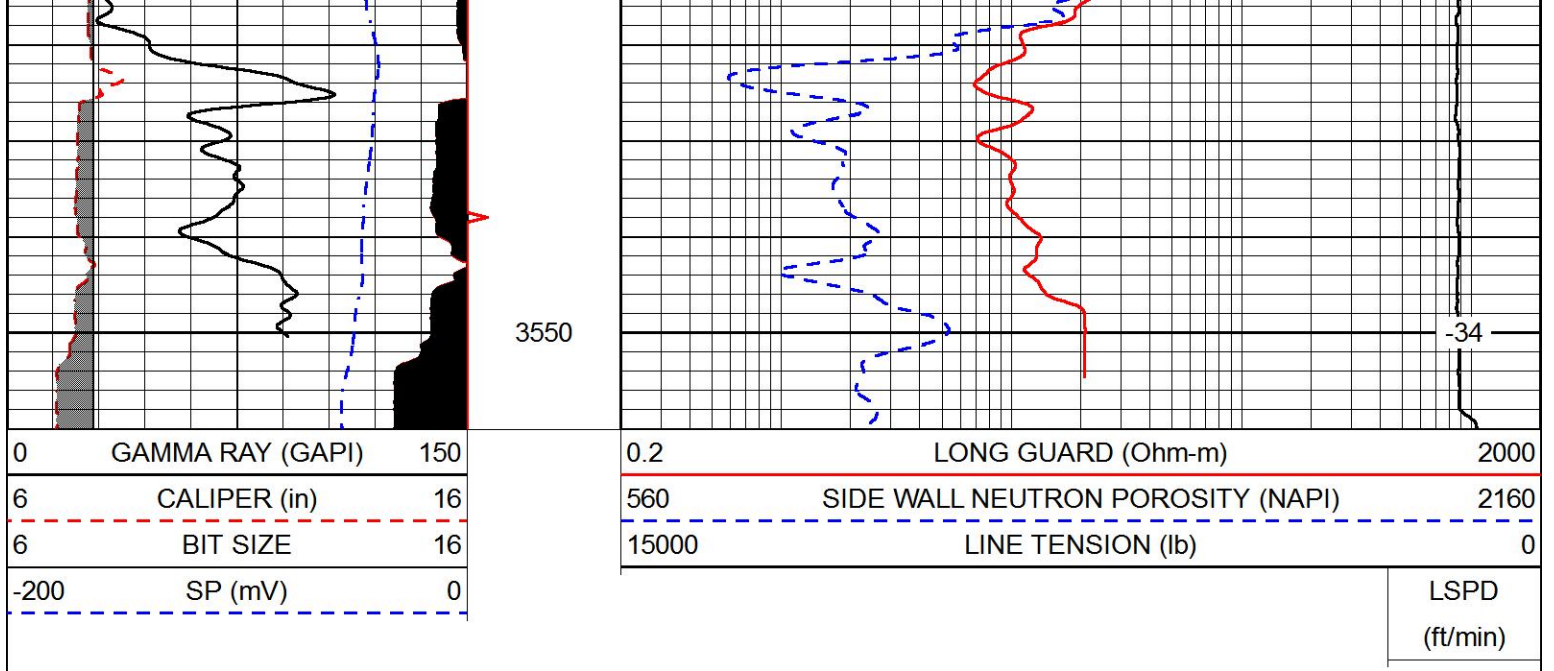
0	GAMMA RAY (GAPI)	150
6	CALIPER (in)	16
6	BIT SIZE	16
-200	SP (mV)	0

0.2	LONG GUARD (Ohm-m)	2000
560	SIDE WALL NEUTRON POROSITY (NAPI)	2160
15000	LINE TENSION (lb)	0

LSPD  
(ft/min)







### Calibration Report

Database File habit\_k\_leiker\_4.db  
 Dataset Pathname RAG/pass3.1  
 Dataset Creation Thu Jul 25 03:51:17 2019

### Sidewall Neutron Calibration Report

Serial Number: 139-130  
 Tool Model: M&W-SP

SWN Calibration Tue Aug 30 16:14:50 2016

Readings	Target	Normalization
2566.42 cps	1085.00 cps	0.5300

Caliper Calibration Tue Aug 30 16:14:50 2016

Readings	Reference	Gain	Offset
0.85	4.00	-21.31	19.75
0.38	14.00		

### Gamma Ray Calibration Report

Serial Number: 89-M&W  
 Tool Model: M&W  
 Calibration Performed: Tue Apr 11 17:08:01 2017

Calibrator Value: 1000.0 GAPI

Background Reading: 0.0 cps  
 Calibrator Reading: 6.2 cps

Sensitivity: 0.5200 GAPI/cps



Company HABIT PETROLEUM, LLC  
 Well K LEIKER #4  
 Field DEGENHARDT SOUTHEAST  
 County ELLIS

Pioneer Energy Services

State

KANSAS

**GEOLOGIST'S REPORT** DRILLING TIME AND SAMPLE LOG

COMPANY HABIT PETROLEUM LLC

LEASE LEIKER #4

FIELD DEGANHEART-SE

LOCATION S1/2-NE-NE-SW

SEC 28 T15SP 15G RGE 17W

COUNTY ELLIS STATE KS

CONTRACTOR WHITE KNIGHT DRILG

SPUD 7-20-19 COMP 7-25-19

RTD 3558' LTD 3558'

MUD UP 2800' TYPE MUD oilbrn.

SAMPLES SAVED FROM 2800'

DRILLING TIME KEPT FROM 2900'

SAMPLES EXAMINED FROM 2800'

GEOLOGICAL SUPERVISION FROM 2800'

GEOLOGIST ON WELL 2800'

FORMATION TOPS LOG

ANHY TOPEKA 1092-1127 1093-1128 870

HEEBNER 3208-1243 3206-1241

TORONTO 3228-1283 3227-1282

LKC 3258-1293 3256-1291

BKC 3486-1521 3485-1520

ARBUCKLE 3558-1593 3553-1558

RTD 3558-1593 3558-1593

ELEVATIONS

KB 1965'

OF

GL 1960'

Measurements Are All From KB

CASING SURFACE @ 218'

RESERVOIR

ELECTRICAL SURVEYS

FLAG

TO TD

TO TD

TO TD

TO TD

TO TD

TO TD

TO TD

TO TD

TO TD

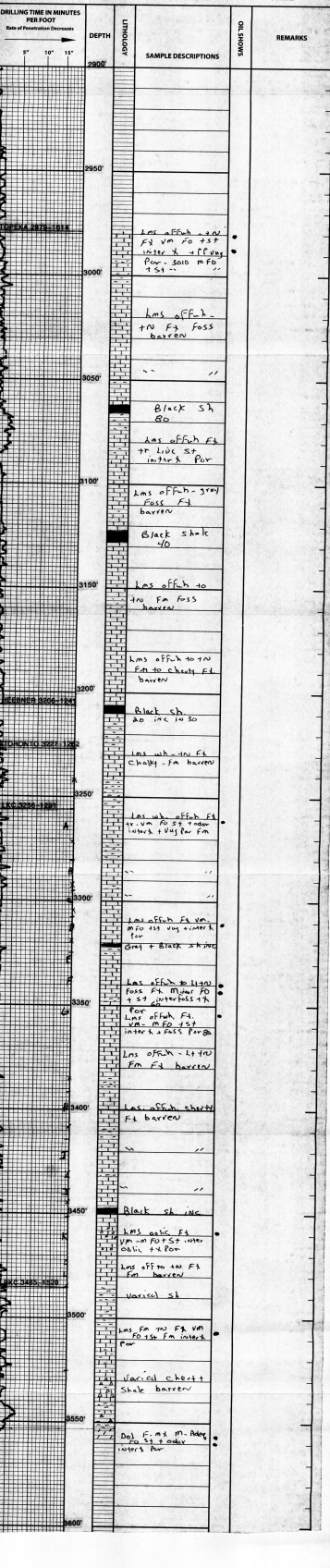
TO TD

TO TD

TO TD

REMARKS  
All parties involved that ppc be set to test this well.  
respectfully submitted

**LEGEND**



TOPEKA 2979-1014

HEEBNER 3206-1241

TORONTO 3227-1282

LKC 3256-1291

BKC 3485-1520

GLOBAL OIL FIELD SERVICES, LLC

24 S. Lincoln  
 RUSSELL, KS 67665

# Invoice

Date	Invoice #
8/2/2019	13785

Bill To
HABIT PETROLEUM PO BOX 243 HAYS KS 67601

P.O. No.	Terms	Project
K LEIKEM#4	Due on receipt	

Quantity	Description	Amount
150	COMMON CEMENT	
13	SALT	
3	BENTONITE GEL	
6	PLASTER	
172	HANDLING BULK MILEAGE	
300	GMDC COMMON CEMENT	
300	HANDLING BULK MILEAGE	
1	TRI-PLEX PUMP TRUCK CHARGE FOR LONGSTRING	
20	HEAVY EQUIPMENT. ONE WAY	
20	LMV- ONE WAY	
6	5 1/2 CENTRALIZER	
3	5 1/2 BASKET	
1	5 1/2 LD PLUG & BAFFLE	
1	5 1/2 PACKER SHOE	
	DISCOUNT IF PAID WITHIN 15 DAYS OF INVOICE ELLIS CO SALES TAX	

Thank you for your business.

Phone #	Fax #
785-445-3525	785-445-3526

T



# GLOBAL OIL FIELD SERVICES, LLC

13785

REMIT TO 24 S. Lincoln  
Russell, KS 67665

SERVICE POINT: Russell

DATE <u>7-25-19</u>	SEC. <u>23</u>	TWP. <u>15</u>	RANGE <u>17</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>5:00 PM</u>
LEASE <u>K Leiken</u>	WELL #. <u>4</u>	LOCATION <u>75-48-11A73</u>			COUNTY <u>111</u>	STATE <u>KS</u>	
OLD OR NEW (CIRCLE ONE)							

CONTRACTOR White Night

TYPE OF JOB plug & float

HOLE SIZE 7 1/2 T.D. 3550

CASING SIZE 5 DEPTH

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 122.21

PERFS

DISPLACEMENT 8000

EQUIPMENT

OWNER

CEMENT AMOUNT ORDERED 1500 lb Cem 1070 lb Water 2700 gal

COMMON @

POZMIX @

GEL @

CHLORIDE @

ASC @

HANDLING @

MILEAGE @

TOTAL

PUMP TRUCK # 311 CEMENTER Blair HELPER Chason

BULK TRUCK # 10 DRIVER Mack

BULK TRUCK # DRIVER

REMARKS: open hole 21.21  
plug cement @ 3555 - 1450 ft @ 2542  
float up 2000 ft follow  
plug cement @ 1500 ft

CHARGE TO: Habit + Pet Fnc

STREET

CITY STATE ZIP

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE @

MANIFOLD @

TOTAL

Global Oil Field 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.

PLUG & FLOAT EQUIPMENT

5 Centralizers @

3 Packers @

11 1/2" Jaws @

1 Pack on shoe @

TOTAL

PRINTED NAME

SIGNATURE [Signature]

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS

# Perf-Tech

Wireline Services, Inc.

P.O. Box 87  
HAYS, KS 67601-0087  
(785) 623-3969

DATE	INVOICE #
8/5/2019	14802

BILL TO

Habit Petroleum LLC  
P.O. Box 243  
Hays, Kansas 67601

SERVICE DATE	DESCRIPTION	ITEM	AMOUNT
8/3/2019	K Leiker No. 4 Ellis County Kansas  Dual Receiver Cement Bond Log 3528' to surface.  Truck Rental New well Nontaxable		

*PS*

Price reflects discount  
Thank You for your business!!

**Tot**





# Perf-Tech

Wireline Services, Inc.

P.O. Box 87  
HAYS, KS 67601-0087  
(785) 623-3969

DATE	INVOICE #
8/12/2019	14794

BILL TO
Habit Petroleum LLC P.O. Box 243 Hays, Kansas 67601

SERVICE DATE	DESCRIPTION	ITEM	AMOUNT
8/12/2019	K Leiker No. 4 Ellis County Kansas  Perforated 3258' to 3261', 3348' to 3352', 3448' to 3356' 4 holes per foot using Titan Tungsten expendable charges, 60 holes total.  Truck Rental New well Nontaxable	PEI  Truc	

*PA*  
*8/17/19*

Price reflects discount Thank You for your business!!	<b>Total</b>
--	--------------





# Kansas Acid Inc.



Hays, KS

Office 785-625-5599  
Fax 785-625-5777

Date: Invoice #

8/7/2019 20190818

**Bill To:**

HABIT PETROLEUM LLC  
P.O. BOX 243  
HAYS KS 67601-0243

**Service Description:**

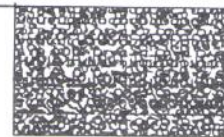
LEIKER #4 NEW WELL  
ELLIS CO., KS  
\*\*GERALD & BILL\*\*

**Remittance To:** *Kansas Acid, Inc.*  
P.O. Box 550  
Hutchinson, KS 67504-0550

SN#	Terms	Project / P.O. #
24054	Net 30	

Quantity	Description	Rate	Amount
100	15% HCL	3.17	317.00
0.5	INHIBITOR	66.63	33.32
3.6	AMMONIUM BIFLORIDE	6.30	22.68
1	LIQUID KCL	51.93	51.93
0.5	NON-EMULSIFIER	53.41	26.71
0.5	SILT SUSPENDER	57.07	28.54
2	KSMS1	27.00	54.00
4	*TRANSPORT DELIVERY	80.00	320.00
15	*TRUCK MILEAGE	5.50	82.50
	SUBTOTAL		936.68
	DISCOUNT	-15.00%	-140.50
	DISCOUNTED PRICE		796.18
	*6.50% TAX	5.53%	0.00

*Pa 8175*



WE SINCERELY APPRECIATE YOUR BUSINESS.

Total

\$796.18



# Kansas Acid Inc.



**SERVICE NUMBER**

P.O. Box 1595  
Hays, KS 67601-8595

Office 785-625-5599  
Fax 785-625-5777

24054

DATE 8-7-2019 Customer's Order No. \_\_\_\_\_

WELL NAME AND NUMBER Heiker #4 LOCATION \_\_\_\_\_

FIELD \_\_\_\_\_ FORMATION Arbuckle

COUNTY - STATE Ellis, Kansas

TYPE OF SERVICE Acid-Neut Producer

CUST. NAME Habit Petroleum, LLC

ADDRESS \_\_\_\_\_  
CITY \_\_\_\_\_  
STATE & ZIP CODE \_\_\_\_\_

As consideration, the above-named Customer agrees to pay Kansas Acid, Inc. in accord with the rates and terms stated in Kansas Acid, Inc. current price lists. Invoices are payable NET 30 after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account. These terms and conditions shall be governed by the law of the state where services are performed or equipment or materials are furnished.

Kansas Acid, Inc. warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Kansas Acid, Inc. liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, product liability, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Kansas Acid, Inc. or, at Kansas Acid, Inc. option, to the allowance to the customer of credit for the cost of such items. In no event shall Kansas Acid, Inc. be liable for special, indirect, punitive or consequential damages.

REF. NO.	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT
5827	15% HCL	100 gal	3.17 gal	317.00
76	Corrosion Inhibitor	0.5 gal	46.63 gal	33.32
207	Ammonium Biflu	3.4 lb.	4.30 lb.	22.68
212	liquid KCL	1 gal	51.93 gal	51.93
1044	Non Emulsifier	0.5 gal	53.41 gal	26.71
1412	Silt Suspende	0.5 gal	57.07 gal	28.54
7658	KAMS-1	2 gal	27.00 gal	54.00
9459	Delivery	4 hrs	80.00 hr.	320.00
9313	Mileage	15 mi.	5.50 mi.	82.50
			Gross	934.28
			Discount	140.50
			Net	793.78
POWER TAX				
SALES TAX				
Material Reimbursement				
<b>TOTAL CHARGE</b>				

The above was received and the job was under the direction, supervision, and control of the owner, operator or his agent whose signature appears below:

TRUCK NUMBER: 011

DRIVER Arnold Kuhn

THIS JOB WAS SATISFACTORILY COMPLETED  Yes  No

OPERATION OF EQUIPMENT WAS SATISFACTORY  Yes  No

PERFORMANCE OF PERSONNEL WAS SATISFACTORY  Yes  No

Brian Schmitt  
KANSAS ACID REPRESENTATIVE

J.R. Hessel  
CUSTOMER OR HIS AGENT'S SIGNATURE





# Kansas Acid Inc.

Hays, KS



Office 785-625-5599  
Fax 785-625-5777

Date: Invoice #

8/8/2019

20190821

**Bill To:**

HABIT PETROLEUM LLC  
P.O. BOX 243  
HAYS KS 67601-0243

**Service Description:**

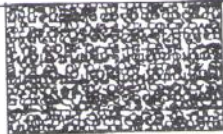
X LEIKER #4 NEW WELL  
ELLIS CO., KS  
\*\*JEREMY & BILL\*\*

**Remittance To:** *Kansas Acid, Inc.*  
P.O. Box 550  
Hutchinson, KS 67504-0550

SN#	Terms	Project / P.O. #
24059	Net 30	

Quantity	Description	Rate	Amount
180	7.5% HCL	2.28	410.40
0.5	INHIBITOR	66.63	33.32
0.5	NON-EMULSIFIER	53.41	26.71
0.5	SILT SUSPENDER	57.07	28.54
20	ACETIC ACID	18.76	375.20
4	KSMS1	27.00	108.00
1	*PUMP TRUCK	750.00	750.00
15	*TRUCK MILEAGE	5.50	82.50
	SUBTOTAL		1,814.67
	DISCOUNT	-35.00%	-635.13
	DISCOUNTED PRICE		1,179.54
	*6.50% TAX	4.23%	0.00

*PA 8/17/15*



WE SINCERELY APPRECIATE YOUR BUSINESS.

Total

\$1,179.54

See Reverse Side for Terms and Conditions



# Kansas Acid Inc.



**SERVICE NUMBER**

P.O. Box 1595  
Hays, KS 67601-8595

Office 785-625-5599  
Fax 785-625-5777

24059

DATE 8-8-2019 Customer's Order No. \_\_\_\_\_

WELL NAME AND NUMBER Leiker #4 LOCATION \_\_\_\_\_

FIELD \_\_\_\_\_ FORMATION Arbuckle

COUNTY - STATE Ellis, Kansas

TYPE OF SERVICE Prod. New Producer

CUST. NAME Habit Petroleum, LLC

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_

STATE & ZIP CODE \_\_\_\_\_

As consideration, the above-named Customer agrees to pay Kansas Acid, Inc. in accord with the rates and terms stated in Kansas Acid, Inc. current price lists. Invoices are payable NET 30 after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account. These terms and conditions shall be governed by the law of the state where services are performed or equipment or materials are furnished.

Kansas Acid, Inc. warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Kansas Acid, Inc. liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, product liability, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Kansas Acid, Inc. or, at Kansas Acid, Inc. option, to the allowance to the customer of credit for the cost of such items. In no event shall Kansas Acid, Inc. be liable for special, indirect, punitive or consequential damages.

REF. NO.	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT
5825'	7 1/2% HCL	180 gal	2.28/gal	410.40
74'	Corrosion Inhibitor	0.5 gal	66.63/gal	33.32
1046'	Non Emulsifier	0.5 gal	53.41/gal	26.71
1412'	Silt Suspender	0.5 gal	57.07/gal	28.54
7635'	Acetic Acid	20 gal	19.76/gal	395.20
7658'	KHMS-2	4 gal	27.00/gal	108.00
9644'	Pump Truck	1	750.00	750.00
9513'	17 Mileage	15 mi.	5.50/mi.	82.50
			<u>Express</u>	<u>1814.67</u>
			<u>Discount</u>	<u>635.13</u>
			<u>Net</u>	<u>1179.54</u>
POWER TAX				
SALES TAX				
Material Reimbursement				
<b>TOTAL CHARGE</b>				

The above was received and the job was under the direction, supervision, and control of the owner, operator or his agent whose signature appears below:

TRUCK NUMBER: 012

DRIVER: Jeremy Rupp

Brad Schmitt  
KANSAS ACID REPRESENTATIVE

THIS JOB WAS SATISFACTORILY COMPLETED  Yes  No  
 OPERATION OF EQUIPMENT WAS SATISFACTORY  Yes  No  
 PERFORMANCE OF PERSONNEL WAS SATISFACTORY  Yes  No

W. H. Haselhorst  
CUSTOMER OR HIS AGENT'S SIGNATURE



WELL NAME AND NUMBER <b>Leiker #4</b>		LOCATION	DATE <b>8-8-2019</b>	SERVICE NUMBER <b>24059</b>	
FIELD	FORMATION <b>Hpb</b>	JOB DONE DOWN		ALLOWANCE PRESSURE	
COUNTY <b>Ellis</b>	STATE <b>Kansas</b>	TUBING A <input checked="" type="checkbox"/>	CASING B <input type="checkbox"/>	ANNULUS C <input type="checkbox"/>	TBG: CSG:
TYPE OF SERVICE <b>Acid New Producer</b>		TYPE OF WELL OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> WATER <input type="checkbox"/> SWD <input type="checkbox"/> INJ <input type="checkbox"/>		AGE OF WELL NEW WELL <input checked="" type="checkbox"/> REWORK <input type="checkbox"/>	
CUST. NAME <b>Habil Petroleum, LLC</b>		CASING SIZE <b>5 1/2</b>	CASING DEPTH <b>3555</b>	TUBING SIZE <b>2 3/8</b>	TUBING DEPTH <b>3540</b>
ADDRESS		OPEN HOLE	CSG. OR ANRL. VOL. <b>1.54</b>	TGB VOLUME <b>15.69</b>	TOTAL DEPTH <b>3558</b>
CITY, STATE & ZIP CODE		PERFORATED INTERVALS			
REMARKS: <i>Acidize Open Hole via Tubing &amp; Packer w/ 200 gal 2 1/2% HCl containing corrosion inhibitor, non-foaming, silt suspender, active acid &amp; 2% KHM-1. Displacement</i>		DEPTH	NO. OF HOLES	DEPTH	NO. OF HOLES
ARRIVED ON LOCATION: <b>KCh Water</b>		DEPTH	NO. OF HOLES	DEPTH	NO. OF HOLES

TIME	INJECTION		PRESSURE		REMARKS
	RATE	BBLS IN	CSG.	TBG.	
9:07					Start Acid to Spot
9:08		1.1			Acid Spotted
9:26					Packer Set, Start Acid
9:27		4.76			Start Displacement Flush
9:30		14.10		0"	Formation Pressured
9:59				300	
10:12				500	
10:47				700	
11:39	Stop			800	
12:05				1100	
12:34	"			1200	
12:47				1250	
3:13	.22	15.85		1400	
3:14	.22			1000	
3:28	.25	19.80		1000	Acid Displaced
				700	ISIP
3:33				900	
3:38				875	
3:43				850	Release to Test

*[Handwritten Signature]*

TIME LEFT LOCATION	AVER. LIQUID INJ. RATE	SHUT IN PRESSURE IMMEDIATE 15 MINUTES	PRODUCTS USED
MAX. PRESSURE <b>1400*</b>	AVER. PRESSURE <b>1000*</b>		
CUSTOMER REPRESENTATIVE <b>V.R. Haselhorst</b>	KANSAS ACID REPRESENTATIVE <b>B. Schmidtberger</b>		

# Kansas Acid Inc.



Hays, KS Office 785-625-5599  
Fax 785-625-5777

Date: Invoice #

8/12/2019 20190826

**Bill To:**

**Service Description:**

HABIT PETROLEUM LLC  
P.O. BOX 243  
HAYS KS 67601-0243

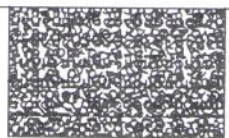
LEIKER #4 NEW WELL  
ELLIS CO., KS  
\*\*JEREMY & BILL\*\*

**Remittance To:** *Kansas Acid, Inc.*  
P.O. Box 550  
Hutchinson, KS 67504-0550

SN#	Terms	Project / P.O. #
24062	Net 30	

Quantity	Description	Rate	Amount
500	15% HCL	3.17	1,585.00
2,000	20% HCL	3.70	7,400.00
1	INHIBITOR	66.63	66.63
1.5	LIQUID KCL	51.93	77.90
1	NON-EMULSIFIER	53.41	53.41
1	SILT SUSPENDER	57.07	57.07
30	KAGA - 12 GEL PKG	71.78	2,153.40
1	*PUMP TRUCK	750.00	750.00
15	*TRUCK MILEAGE	5.50	82.50
	SUBTOTAL		12,225.91
	DISCOUNT	-45.00%	-5,501.66
	DISCOUNTED PRICE		6,724.25
	*6.50% TAX	3.58%	0.00

*PA 8/15*



WE SINCERELY APPRECIATE YOUR BUSINESS.

Total \$6,724.25





**SERVICE NUMBER**

P.O. Box 1595  
Hays, KS 67601-8595

Office 785-625-5599  
Fax 785-625-5777

24062

DATE 8.12.2019 Customer's Order No. \_\_\_\_\_

WELL NAME AND NUMBER Leiker #4 LOCATION \_\_\_\_\_

FIELD \_\_\_\_\_ FORMATION L.K.C.

COUNTY - STATE \_\_\_\_\_

TYPE OF SERVICE Ellis, Kansas  
Acid - New Producer

CUST. NAME Habit Petroleum, LLC

ADDRESS \_\_\_\_\_  
CITY \_\_\_\_\_  
STATE & ZIP CODE \_\_\_\_\_

As consideration, the above-named Customer agrees to pay Kansas Acid, Inc. in accord with the rates and terms stated in Kansas Acid, Inc. current price lists. Invoices are payable NET 30 after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account. These terms and conditions shall be governed by the law of the state where services are performed or equipment or materials are furnished.

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REF. NO.	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT
5827	15% HCL	5000 gal	3.17 gal	1585.00
5828	20% HCL	2000 gal	3.70 gal	7400.00
76	Corrosion Inhibitor	1 gal	66.63 gal	66.63
212	Liquid KCl	1.5 gal	51.93 gal	77.90
1044	Non Emulsifier	1 gal	53.41 gal	53.41
1412	Silt Suspender	1 gal	57.07 gal	57.07
7453	KAG 4 - 1/2 Cool Pkg.	30 gal	71.78 gal	2153.40
9647	Pump Truck	1	750.00	750.00
9313	Mileage	15 mi	5.50 mi	82.50
			<u>Crass</u>	12225.91
			<u>Discount</u>	5501.26
			<u>Net</u>	2724.25
POWER TAX				
SALES TAX				
Material Reimbursement				
<b>TOTAL CHARGE</b>				

The above was received and the job was under the direction, supervision, and control of the owner, operator or his agent whose signature appears below:

TRUCK NUMBER: 012

DRIVER Jeremy Rupp

Brian Schuster  
KANSAS ACID REPRESENTATIVE

THIS JOB WAS SATISFACTORILY COMPLETED	<input type="checkbox"/>	<input type="checkbox"/>
OPERATION OF EQUIPMENT WAS SATISFACTORY	<input type="checkbox"/>	<input type="checkbox"/>
PERFORMANCE OF PERSONNEL WAS SATISFACTORY	<input type="checkbox"/>	<input type="checkbox"/>

W.B. Henshaw for Bob Schuster  
CUSTOMER OR HIS AGENT'S SIGNATURE



WELL NAME AND NUMBER <b>Heiker #24</b>	LOCATION	DATE <b>8-12-2019</b>	SERVICE NUMBER <b>24062</b>
FIELD	FORMATION <b>LKC</b>	JOB DONE DOWN	
COUNTY <b>Ellis</b>	STATE <b>Kansas</b>	TUBING A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/>	ALLOWANCE PRESSURE
TYPE OF SERVICE <b>Acid - New Producer</b>		TYPE OF WELL OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> WATER <input type="checkbox"/> SWD <input type="checkbox"/> INJ. <input type="checkbox"/>	TBG: _____ CSG: _____
CUST. NAME <b>Habit Petroleum, LLC</b>	ADDRESS	AGE OF WELL NEW WELL A <input checked="" type="checkbox"/> REWORK B <input type="checkbox"/>	PACKER TYPE
CITY, STATE & ZIP CODE		CASING SIZE <b>5 1/2</b>	PACKER DEPTH <b>3439</b>
		CASING DEPTH	TUBING DEPTH
		OPEN HOLE	TUBING SIZE <b>2 3/8</b>
		CSG. OR ANRL VOL. <b>1.21</b>	TGB VOLUME <b>13.30</b>
			TOTAL DEPTH <b>3500</b>

PERFORATED INTERVALS					
DEPTH	NO. OF HOLES	DEPTH	NO. OF HOLES	DEPTH	NO. OF HOLES
3448-54					

REMARKS: *Applye Reels 3448-54 via Pumping Unit w/ 500 1 1/2 HCl containing Corrosion Inhibitor Antimicrobial & Silt Suspenders. Displace w/ KCl Flush.*

TIME	INJECTION		PRESSURE		REMARKS
	RATE	BBLs IN	CSG.	TBG.	
12:42					Start Acid to Spot
12:44		2.0			Acid Spotted
1:01					Packoff Set Start Acid
1:03		11.90			Start Displacement Flush
1:04	2.8	13.51		0"	
	Stop	14.00		500"	
1:07	1.25	14.70		350"	
1:11	.25	15.70		400"	
1:17	.25	17.20		500"	
	1.1			600"	
1:22	1.1	22.70		650"	
1:28	1.1	27.75		700"	Acid Displaced
				750"	TEST
1:33				750"	
1:38				725"	
1:43				700"	Release to Swab Test

Thank You

TIME LEFT LOCATION	AVER. LIQUID INJ. RATE <b>1.72 bpm</b>	SHUT IN PRESSURE IMMEDIATE 15 MINUTES	PRODUCTS USED
MAX. PRESSURE <b>700"</b>	AVER. PRESSURE <b>625"</b>		
CUSTOMER REPRESENTATIVE <b>J.B. Haselhorst</b>	KANSAS ACID REPRESENTATIVE <b>D. Schmittberger</b>		



WELL NAME AND NUMBER <i>Heiker #4</i>		LOCATION		DATE <i>8-12-2019</i>		SERVICE NUMBER <i>24022</i>	
FIELD		FORMATION <i>LKC</i>		JOB DONE DOWN		ALLOWANCE PRESSURE	
COUNTY <i>Ellis</i>		STATE <i>Kansas</i>		TUBING <i>A</i>	CASING <i>B</i>	ANNULUS <i>C</i>	TBG: CSG:
TYPE OF SERVICE <i>Acid - New Producer</i>				TYPE OF WELL			
CUST. NAME <i>Habit Petroleum, LLC</i>				OIL <input checked="" type="checkbox"/>	GAS <input type="checkbox"/>	WATER <input type="checkbox"/>	SWD. <input type="checkbox"/>
ADDRESS				AGE OF WELL		PACKER TYPE	
CITY, STATE & ZIP CODE				NEW WELL <i>A</i>	REWORK <i>B</i>	PACKER DEPTH <i>3439</i>	
REMARKS: <i>Acidize Perf's 3448-56 via tubing to 1 gal/s wt 2000 gal 2000 H<sub>2</sub>O containing KACID - 12 Gallon approx. Displace w/ hse. water.</i>				CASING SIZE <i>5 1/2</i>	CASING DEPTH	TUBING SIZE <i>2 3/8</i>	TUBING DEPTH
ARRIVED ON LOCATION:				OPEN HOLE	CSG. OR ANRL VOL. <i>1.21</i>	TGB VOLUME <i>13.30</i>	TOTAL DEPTH <i>3500</i>
PERFORATED INTERVALS							
DEPTH		NO. OF HOLES		DEPTH		NO. OF HOLES	
<i>3448-56</i>							

TIME	INJECTION		PRESSURE		REMARKS
	RATE	BBLS IN	CSG.	TBG.	
4:47					Start Acid via Tubing
4:51	2.9	13.50		100*	
4:52	1.8	15.00		300*	
4:54	2.1	18.00		750*	
4:56	2.1	23.00		850*	
4:59	2.1	29.75		900*	
5:05	2.1	41.75		1000*	
5:08	2.1	47.00		1000*	Start Displacement Fluids
5:17	2.1	61.00		1000*	Acid Displaced
				850*	STOP
5:22				735	
5:27				900	
5:32				675	Shut In Overnight

*Frank V. [Signature]*

TIME LEFT LOCATION	AVER. LIQUID INJ. RATE <i>2.0 bpm</i>	SHUT IN PRESSURE IMMEDIATE 15 MINUTES	PRODUCTS USED
MAX. PRESSURE <i>1000*</i>	AVER. PRESSURE <i>800*</i>		
CUSTOMER REPRESENTATIVE <i>T. R. [Signature]</i>	KANSAS ACID REPRESENTATIVE <i>D. [Signature]</i>		

# Kansas Acid Inc.



Hays, KS Office 785-625-5599  
Fax 785-625-5777

Date: Invoice #

8/13/2019 20190828

Bill To:

Service Description:

HABIT PETROLEUM LLC  
P.O. BOX 243  
HAYS KS 67601-0243

LEIKER #4 NEW WELL  
ELLIS CO., KS  
\*\*GERALD & BILL\*\*

Remittance To:

*Kansas Acid, Inc.*  
P.O. Box 550  
Hutchinson, KS 67504-0550

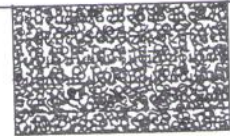
SN#	Terms	Project / P.O. #
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24064	Net 30	
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Quantity	Description	Rate	Amount
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250	15% HCL	3.17	792.50
750	20% HCL	3.70	2,775.00
0.5	INHIBITOR	66.63	33.32
3	LIQUID KCL	51.93	155.79
0.5	NON-EMULSIFIER	53.41	26.71
0.5	SILT SUSPENDER	57.07	28.54
11.5	KAGA - 12 GEL PKG	71.78	825.47
1	*PUMP TRUCK	750.00	750.00
15	*TRUCK MILEAGE	5.50	82.50
	SUBTOTAL		5,469.83
	DISCOUNT	-45.00%	-2,461.42
	DISCOUNTED PRICE		3,008.41
	*6.50% TAX	3.58%	0.00

*OK 8/17/19*



WE SINCERELY APPRECIATE YOUR BUSINESS.

Total \$3,008.41





**SERVICE NUMBER**

P.O. Box 1595  
Hays, KS 67601-8595

Office 785-625-5599  
Fax 785-625-5777

24064

DATE 8-13-2019 Customer's Order No. \_\_\_\_\_

WELL NAME AND NUMBER Heiker #4 LOCATION \_\_\_\_\_

FIELD \_\_\_\_\_ FORMATION LKC

COUNTY - STATE Ellis, Kansas

TYPE OF SERVICE Acid- New Producer

CUST. NAME Habit Petroleum, LLC

ADDRESS \_\_\_\_\_  
CITY \_\_\_\_\_  
STATE & ZIP CODE \_\_\_\_\_

As consideration, the above-named Customer agrees to pay Kansas Acid, Inc. in accord with the rates and terms stated in Kansas Acid, Inc. current price lists. Invoices are payable NET 30 after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account. These terms and conditions shall be governed by the law of the state where services are performed or equipment or materials are furnished.

Kansas Acid, Inc. warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Kansas Acid, Inc. liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, product liability, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Kansas Acid, Inc. or, at Kansas Acid, Inc. option, to the allowance to the customer of credit for the cost of such items. In no event shall Kansas Acid, Inc. be liable for special, indirect, punitive or consequential damages.

REF. NO.	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT
5827'	15% HCL	250 gal	3.17 gal	792.50
5828'	20% HCL	750 gal	3.70 gal	2775.00
76'	Corrosion Inhibitor	0.5 gal	66.63 gal	33.32
212'	liquid KCL	3 gal	51.93 gal	155.79
1046'	Non Emulsifier	0.5 gal	53.41 gal	26.71
1412'	Silt Suspender	0.5 gal	57.07 gal	28.54
7653	KACIA- 12 Gal Pkg.	11.5 gal	71.78 gal	825.47
9647'	Pump Truck	1	750.00	750.00
9313'	Mileage	15 mi	5.50 mi	82.50
			Cruss	5469.80
			Discount	2461.40
			Net	3008.41
POWER TAX				
SALES TAX				
Material Reimbursement				
<b>TOTAL CHARGE</b>				

The above was received and the job was under the direction, supervision, and control of the owner, operator or his agent whose signature appears below:

TRUCK NUMBER: 015

DRIVER Gerald Kuhn

[Signature]  
KANSAS ACID REPRESENTATIVE

THIS JOB WAS SATISFACTORILY COMPLETED  Yes  No  
OPERATION OF EQUIPMENT WAS SATISFACTORY  Yes  No  
PERFORMANCE OF PERSONNEL WAS SATISFACTORY  Yes  No

[Signature]  
CUSTOMER OR HIS AGENT'S SIGNATURE



WELL NAME AND NUMBER <b>Heiker #4</b>		LOCATION	DATE <b>8-13-2019</b>	SERVICE NUMBER <b>24064</b>	
FIELD	FORMATION <b>LKC</b>	JOB DONE DOWN TUBING <input checked="" type="checkbox"/> CASING <input type="checkbox"/> ANNULUS <input type="checkbox"/>		ALLOWANCE PRESSURE	
COUNTY <b>Ellis</b>	STATE <b>Kansas</b>	TYPE OF WELL OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> WATER <input type="checkbox"/> SWD <input type="checkbox"/> INJ. <input type="checkbox"/>			
TYPE OF SERVICE <b>Acid - New Producer</b>		AGE OF WELL NEW WELL <input checked="" type="checkbox"/> REWORK <input type="checkbox"/>	PACKER TYPE	PACKER DEPTH <b>3312</b>	
CUST. NAME <b>Habit Petroleum, LLC</b>		CASING SIZE <b>5 1/2</b>	CASING DEPTH	TUBING SIZE <b>2 3/8</b>	
ADDRESS		OPEN HOLE	CSG. OR ANRL. VOL. <b>.91</b>	TGB VOLUME <b>12.81</b>	
CITY, STATE & ZIP CODE		TOTAL DEPTH <b>3322</b>			
PERFORATED INTERVALS					
REMARKS: <b>Acidize Perf's 3348-52 via Tubing @ 1.45 gal 2022 HCl containing KAGRA-17 Gelling Agent. Displace w/ KCl Water.</b>		DEPTH	NO. OF HOLES	DEPTH	NO. OF HOLES
ARRIVED ON LOCATION:		<b>3348-52</b>			

TIME	INJECTION		PRESSURE		REMARKS
	RATE	BBLs IN	CSG.	TBG.	
5:48					Start Acid via Tubing
5:51	1.45	12.3		40'	
5:52	1.0	12.4		500'	
5:54	1.0	14.5		450'	
5:58	1.0	17.8		650'	Start KCl Displacement Flush
5:59	1.1	19.2		800'	
6:07	1.1	29.0		750'	
6:13	1.1	35.7		750'	Acid Displaced
				500'	ISIP
6:18				300'	
6:23				200'	Shut in Overnight

*Thanks*

TIME LEFT LOCATION	AVER. LIQUID INJ. RATE <b>1.0 bpm</b>	SHUT IN PRESSURE IMMEDIATE 15 MINUTES	PRODUCTS USED
MAX. PRESSURE <b>800*</b>	AVER. PRESSURE <b>450*</b>		
CUSTOMER REPRESENTATIVE <b>J.R. Havel (Hess)</b>	KANSAS ACID REPRESENTATIVE <b>B. Schmidtberger</b>		

# Kansas Acid Inc.



Hays, KS

Office 785-625-5599  
Fax 785-625-5777

Date: Invoice #

8/14/2019 20190832

**Bill To:**

HABIT PETROLEUM LLC  
P.O. BOX 243  
HAYS KS 67601-0243

**Service Description:**

X LEIKER #4 NEW WELL  
ELLIS CO., KS  
\*\*GERALD & BILL\*\*

**Remittance To:**

*Kansas Acid, Inc.*  
P.O. Box 550  
Hutchinson, KS 67504-0550

SN#	Terms	Project / P.O. #
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24068	Net 30	
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Quantity	Description	Rate	Amount
250	15% HCL	3.17	792.50
1.5	LIQUID KCL	51.93	77.90
0.5	INHIBITOR	66.63	33.32
0.5	NON-EMULSIFIER	53.41	26.71
0.5	SILT SUSPENDER	57.07	28.54
1	*PUMP TRUCK	750.00	750.00
15	*TRUCK MILEAGE	5.50	82.50
	SUBTOTAL		1,791.47
	DISCOUNT	-45.00%	-806.16
	DISCOUNTED PRICE		985.31
	*6.50% TAX	3.58%	0.00

*PAID 8/17/19*



WE SINCERELY APPRECIATE YOUR BUSINESS.

Total \$985.31





**SERVICE NUMBER**

P.O. Box 1595  
Hays, KS 67601-8595

Office 785-625-5599  
Fax 785-625-5777

24068

DATE 8-14-2019 Customer's Order No. \_\_\_\_\_

WELL NAME AND NUMBER Heitman #4 LOCATION \_\_\_\_\_

FIELD \_\_\_\_\_ FORMATION LKC

COUNTY - STATE Ellis, Kansas

TYPE OF SERVICE Acid - New Producer

CUST. NAME Habit Petroleum, LLC

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_

STATE & \_\_\_\_\_

ZIP CODE \_\_\_\_\_

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REF. NO.	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT
5827	15% HCl	250 gal	3.17 gal	792.50
212	Liquid KCl	1.5 gal	51.93 gal	77.90
76	Corrosion Inhibitor	0.5 gal	46.43 gal	33.32
1044	Non Emulsifier	0.5 gal	53.41 gal	24.71
1412	Silt Suspender	0.5 gal	52.07 gal	28.54
9647	Pump Truck	1	750.00	750.00
9313	Mileage	15 mi	5.50 mi	82.50
			Gross	2791.47
			Discount	806.16
			Net	985.31
	POWER TAX			
	SALES TAX			
	Material Reimbursement			
	<b>TOTAL CHARGE</b>			

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DRIVER Gerald Kuhn

THIS JOB WAS SATISFACTORILY COMPLETED  Yes  No

OPERATION OF EQUIPMENT WAS SATISFACTORY  Yes  No

PERFORMANCE OF PERSONNEL WAS SATISFACTORY  Yes  No

Bill Schmitt  
KANSAS ACID REPRESENTATIVE

T. R. Haselhurst by Bill Schmitt  
CUSTOMER OR HIS AGENT'S SIGNATURE







GLOBAL OIL FIELD SERVICES, LLC

24 S. Lincoln  
RUSSELL, KS 67665

# Invoice

Date	Invoice #
7/22/2019	13773

Bill To
HABIT PETROLEUM PO BOX 243 HAYS KS 67601

P.O. No.	Terms	Project
K LEIKER#4	Due on receipt	

Quantity	Description	Rate	Amount
150	COMMON CEMENT		
5	CALCIUM-CHLORIDE		
3	BENTONITE GEL		
158	HANDLING BULK MILEAGE		
1	TRI-PLEX PUMP CHARGE FOR SURFACE		
15	HEAVY EQUIPMENT. ONE WAY		
15	LMV- ONE WAY		
DISCOUNT IF PAID WITHIN 15 DAYS OF INVOICE			
ELLIS CO SALES TAX			



Thank you for your business.

Phone #	Fax #
785-445-3525	785-445-3526

# GLOBAL OIL FIELD SERVICES, LLC

13770

REMIT TO 24 S. Lincoln  
Russell, KS 67665

SERVICE POINT: Russell 145

DATE <u>7-20-19</u>	SEC. <u>23</u>	TWP. <u>15</u>	RANGE <u>17W</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>7:15 PM</u>
LEASE <u>K Leiker</u>	WELL #. <u>4</u>	LOCATION <u>1/2 mi. N of Picher 2W</u>			COUNTY <u>Ellis</u>	STATE <u>KS</u>	
OLD OR NEW (CIRCLE ONE)				<u>To 2000' from 1/2 mi. N of Picher</u>			

CONTRACTOR Wagonwheel Drilling Rig #1 OWNER Habit Petroleum LLC

TYPE OF JOB Gravel

HOLE SIZE 1 1/4" T.D.

CASING SIZE 3 1/2" DEPTH 200

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 25

PERFS

DISPLACEMENT

CEMENT AMOUNT ORDERED 150 lbs. COM 28.00

2 1/2 gal

EQUIPMENT

PUMP TRUCK CEMENTER Code

# 417 HELPER Jesse

BULK TRUCK DRIVER Eddie

# 374

BULK TRUCK DRIVER

#

COMMON @

POZMIX @

GEL @

CHLORIDE @

ASC @

HANDLING @

MILEAGE @

TOTAL

REMARKS:

Ran 5 hrs of 8 1/2 casing + LA Holes to rig + Broke casing with hooked 1/2 truck + pumped 150 lbs of cement + displaced 12 1/2 hrs of H2O + Shift Ed

Cement + Drill Casing to surface

CHARGE TO: Habit Petroleum LLC

STREET

CITY STATE ZIP

Global Oil Field 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 Tony Lester

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE @

MANIFOLD @

TOTAL

PLUG & FLOAT EQUIPMENT

@

@

@

@

@

TOTAL

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS