



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1246767
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: _____



1246767

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: _____ _____
--	---	---

ALLIED OIL & GAS SERVICES, LLC 063448

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:
Oberlin

DATE <u>7-1-14</u>	SEC <u>8</u>	TWP <u>2</u>	RANGE <u>29W</u>	CALLED OUT	ON LOCATION <u>7:30 PM</u>	JOB START <u>8:00 PM</u>	JOB FINISH <u>9:30 PM</u>
LEASING <u>MOBY</u>	WELL # <u>1-2</u>	LOCATION <u>Oberlin 5N 46W Sinto</u>			COUNTY <u>Deer Creek</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Southwind # 8

TYPE OF JOB Surface

HOLE SIZE 12 1/4 TD 253

CASING SIZE 8 5/8 DEPTH 262

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 15 1/2

OWNER same

CEMENT

AMOUNT ORDERED 175 SKS Com 390cc

29 gal

EQUIPMENT

PUMP TRUCK CEMENTER Kelly Gabel

431 HELPER Brandon Wilkinson

BULK TRUCK

8184287 DRIVER Juent (ms)

BULK TRUCK

DRIVER

COMMON	<u>12538 @ 17.00</u>	<u>3132.50</u>
POZMIX	@	
GEL	<u>329 # @ 1.02</u>	<u>345.45</u>
CHLORIDE	<u>493 # @ 1.38</u>	<u>631.04</u>
ASC	@	
<u>Material Total</u>		<u>4108.99</u>
<u>(821.94/2013)</u>		
HANDLING	<u>175.22 cu ft @ 2.58</u>	<u>469.37</u>
MILEAGE	<u>8.22 ton x 70 x 2.25</u>	<u>1583.31</u>
TOTAL		

REMARKS:

rigged up

mixed cement

displaced with water

shut in

Cement did circulate

Thank You

Kelly crew

SERVICE

DEPTH OF JOB	<u>262</u>
PUMP TRUCK CHARGE	<u>1512.35</u>
EXTRA FOOTAGE	@
MILEAGE <u>MILV 70</u>	<u>4.40 @ 308.00</u>
MANIFOLD	@
<u>M: HV 70</u>	<u>7.70 @ 539.00</u>
<u>(882.37/2013)</u>	
TOTAL <u>4411.83</u>	

CHARGE TO: Rouley Oil

Blair Edge Services

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.

PLUG & FLOAT EQUIPMENT

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
TOTAL _____		

PRINTED NAME Darrell Y. TT

SIGNATURE [Signature]

SALES TAX (if Any) _____

TOTAL CHARGES 8,520.82

DISCOUNT 1,704.16 (20%) IF PAID IN 30 DAYS

6,816.65 Net.

ALLIED OIL & GAS SERVICES, LLC 055374

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Russell KS

DATE 7-10-14	SEC. 8	TWR 2	RANGE 29	CALLED OUT	ON LOCATION	JOB START 8:30AM	JOB FINISH 9:00PM
LEASE <i>Mary</i>	WELL# 1	LOCATION Oberlin KS 5N 3/4W			COUNTY Decatur	STATE KS	
OLD OR NEW (Circle one)		Sinto					

CONTRACTOR *Southwind #8*
 TYPE OF JOB *log string*
 HOLE SIZE *7 7/8* T.D. *4755*
 CASING SIZE *5 1/2* 15.5 DEPTH *4129*
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT *42*
 CEMENT LEFT IN CSG. *42*
 PERFS.
 DISPLACEMENT *97.5*

OWNER

CEMENT AMOUNT ORDERED *200 ASC 5" 6:1/56*

EQUIPMENT
 PUMP TRUCK CEMENTER *Robert V*
 # *409* HELPER *Nathan D*
 BULK TRUCK
 # *473* DRIVER *Kevin R*
 BULK TRUCK
 # DRIVER

COMMON	@	
POZMIX	@	
GEL	@	
CHLORIDE	@	
ASC	200	@ 23.50 4700.00
<i>Gilsonite 1000#</i>		@ .98 980.00
<i>Mad Flash Rubbl</i>		@ 58.70 704.90
<i>Materials</i>	@	6384.40
<i>Shaw</i>	@	1276.88
HANDLING <i>200 c/l</i>	@ 2.48	496.00
MILEAGE <i>787.5 f/m</i>	2.75	2165.63
		TOTAL <i>9046.03</i>

REMARKS:

see log

Thank you!!!

CHARGE TO: *Paulay Oil*
 STREET
 CITY STATE ZIP

SERVICE

DEPTH OF JOB	4129
PUMP TRUCK CHARGE	2765.75
EXTRA FOOTAGE	@
MILEAGE <i>70 LVAT</i>	@ 4.40 308.00
MANIFOLD	@ 275 275
<i>70 HVAT</i>	@ 7.70 539.00
	@
	6549.38
<i>Shaw 1309.88</i>	TOTAL <i>7859.26</i>

PLUG & FLOAT EQUIPMENT

<i>AFU float shoe</i>	@ 545.00	545.00
<i>latch down</i>	@ 660.00	660.00
<i>12 centralizers</i>	@ 57.00	684.00
	@	
	@	
<i>Shaw 377.80</i>	TOTAL	1889.00

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.

SALES TAX (If Any)
 TOTAL CHARGES *14822.78*
 DISCOUNT *2964.56* *20%* *PAID IN 30 DAYS*
 net \$ *11858.22*

PRINTED NAME

SIGNATURE *[Signature]*



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Pauley Oil

8-2s-29w Decatur, KS

314 5th St
Clafin KS 67525

Mary #1

Job Ticket: 58268

DST#: 1

ATTN: Jake Eastes

Test Start: 2014.07.08 @ 04:21:00

GENERAL INFORMATION:

Formation: LKC "A - D"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:45:10

Time Test Ended: 11:51:09

Test Type: Conventional Bottom Hole (Initial)

Tester: Ryan Nichols

Unit No: 78

Interval: 3772.00 ft (KB) To 3872.00 ft (KB) (TVD)

Total Depth: 3872.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2786.00 ft (KB)

2778.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6752

Inside

Press@RunDepth: 121.83 psig @ 3763.00 ft (KB)

Start Date: 2014.07.08

End Date:

2014.07.08

Capacity: 8000.00 psig

Last Calib.: 2014.07.08

Start Time: 04:21:01

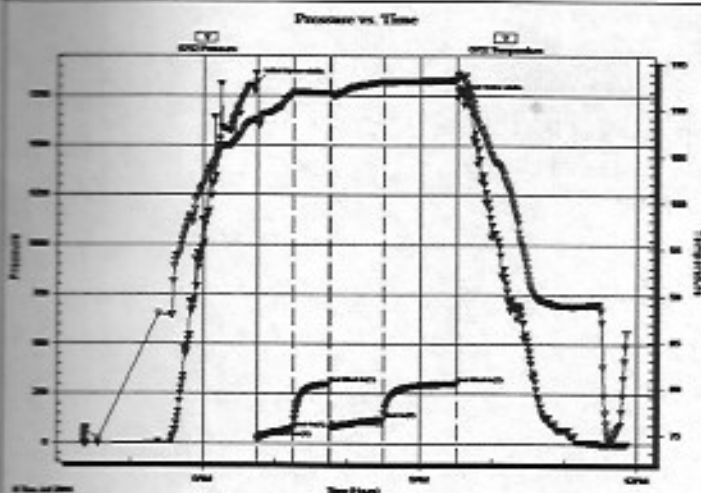
End Time:

11:51:10

Time On Btm: 2014.07.08 @ 06:44:40

Time Off Btm: 2014.07.08 @ 09:30:30

TEST COMMENT: 30 F - 1" blow built to BoB @ 12 mins
30 ISI - Surface blow
45 FF - Surface blow built to BoB @ 15 mins
60 FSI - Surface blow built to 1/2" @ 20 mins died back to surface blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1818.50	108.81	Initial Hydro-static
1	23.49	108.47	Open To Flow (1)
31	73.97	111.79	Shut-in(1)
60	300.69	111.77	End Shut-in(1)
61	76.56	111.65	Open To Flow (2)
105	121.83	112.97	Shut-in(2)
166	301.15	113.19	End Shut-in(2)
166	1738.46	113.58	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
63.00	OCM - 20%o - 80%M	0.88
126.00	GOCM - 5%G - 20%o - 75%M	1.77
63.00	GO - 50%G - 50%o	0.88
5.00	Oil 100%O	0.07
0.00	441' GP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mc/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Pauley Oil
314 5th St
Clain KS 67525
ATTN: Jake Eastes

8-2s-29w Decatur,KS
Mary #1
Job Ticket: 58269 DST#: 2
Test Start: 2014.07.09 @ 00:12:00

GENERAL INFORMATION:

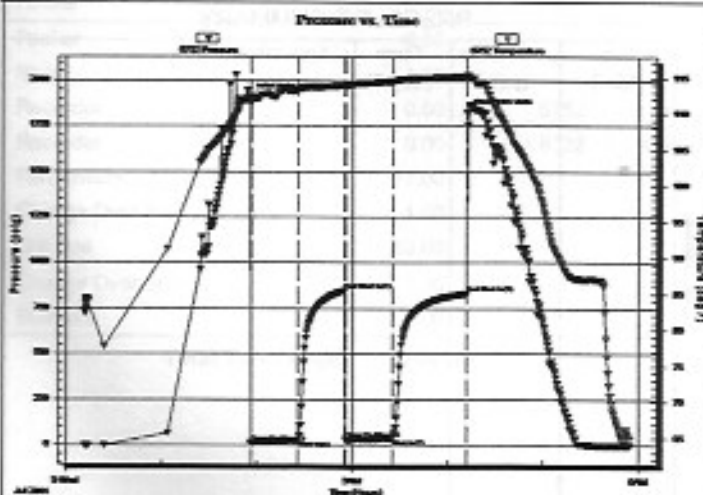
Formation: LKC "H - F"
Deviated: No Whipstock ft (KB)
Time Tool Opened: 01:56:20
Time Test Ended: 05:54:30
Interval: 3904.00 ft (KB) To 3990.00 ft (KB) (TVD)
Total Depth: 3990.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Reset)
Tester: Ryan Nichols
Unit No: 78
Reference Elevations: 2786.00 ft (KB)
2778.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6752

Inside

Press@RunDepth: 37.24 psig @ 3905.00 ft (KB)
Start Date: 2014.07.09 End Date: 2014.07.09
Start Time: 00:12:01 End Time: 05:54:30
Capacity: 8000.00 psig
Last Calib.: 2014.07.09
Time On Btm: 2014.07.09 @ 01:55:50
Time Off Btm: 2014.07.09 @ 04:12:20

TEST COMMENT: 30 F - 1/4" blow built to 3"
30 ISI - No return
30 FF - Surface blow started @ 5 mins built to 1 1/2"
45 ISI - No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1908.66	111.67	Initial Hydro-static
1	12.30	111.43	Open To Flow (1)
31	27.08	113.21	Shut-in(1)
60	847.83	113.89	End Shut-in(1)
60	29.36	113.76	Open To Flow (2)
90	37.24	114.49	Shut-in(2)
137	831.08	115.16	End Shut-in(2)
137	1823.42	115.35	Final Hydro-static

Recovery

Length (%)	Description	Volume (bbl)
60.00	Mud 100%M	0.84

* Recovery from multiple tests

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



Office (20) 588-4250 212 Main St. • P.O. Box 215 • Clarin, KS 67525 (620) 587-3444 Home

James C. Musgrove
Petroleum Geologist

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY Pauley Oil
 CASE Mary #1
 FIELD Widdcat
 LOCATION Ne-ne-SW-NW (R49' FDI) (1105' FWL)
 SEC 8 TWP 2S RGE 29W
 COUNTY Decatur STATE Kansas
 CONTRACTOR Southwind Drilling Co.
 START 7/1/14 COMP 7/10/14
 LTD 4155 LTD 4155
 MUD UP 3373 TYPE MUD chemical displaced

SAMPLES SAVED FROM 3400 TO 1
 DRILLING TIME KEPT FROM 3400 TO RTD
 SAMPLES EXAMINED FROM 3500 TO TO
 GEOLOGICAL SUPERVISION FROM 3500 TO TO
 GEOLOGIST ON WELL Jake Eastes, Jim Musgrove

FORMATION TOPS	LOG	SAMPLES
anhydrite	2536 +230	
base anhydrite	2586 +200	
Heebner	3769 -983	
toronto	absent	
adansing	3814 -1028	
base Kansas	4033 -1247	
RTD	4155 -1369	
WTD	4155 -1369	

ELEVATIONS
 KB 2786
 DF _____
 GL 2778
 Measurements Are All From -KB-

SURFACE CASING 8 3/8" x 262'
 PRODUCTION 5 1/2" @ 4154'

ELECTRICAL SURVEYS
 By Pioneer,
 DL, CNL/GDL, MEL

REMARKS

Recommendations, 5 1/2" production casing was set, cemented in the Pauley Oil, Mary #1.
 Respectfully submitted,
 James C. Musgrove, Petroleum Geologist
 Jake Eastes, Geologist

LEGEND

Anhydrite	Salt	Sandstone	Shale	Carb sh	Limestone	Ool. Lime	Chert	Dolomite

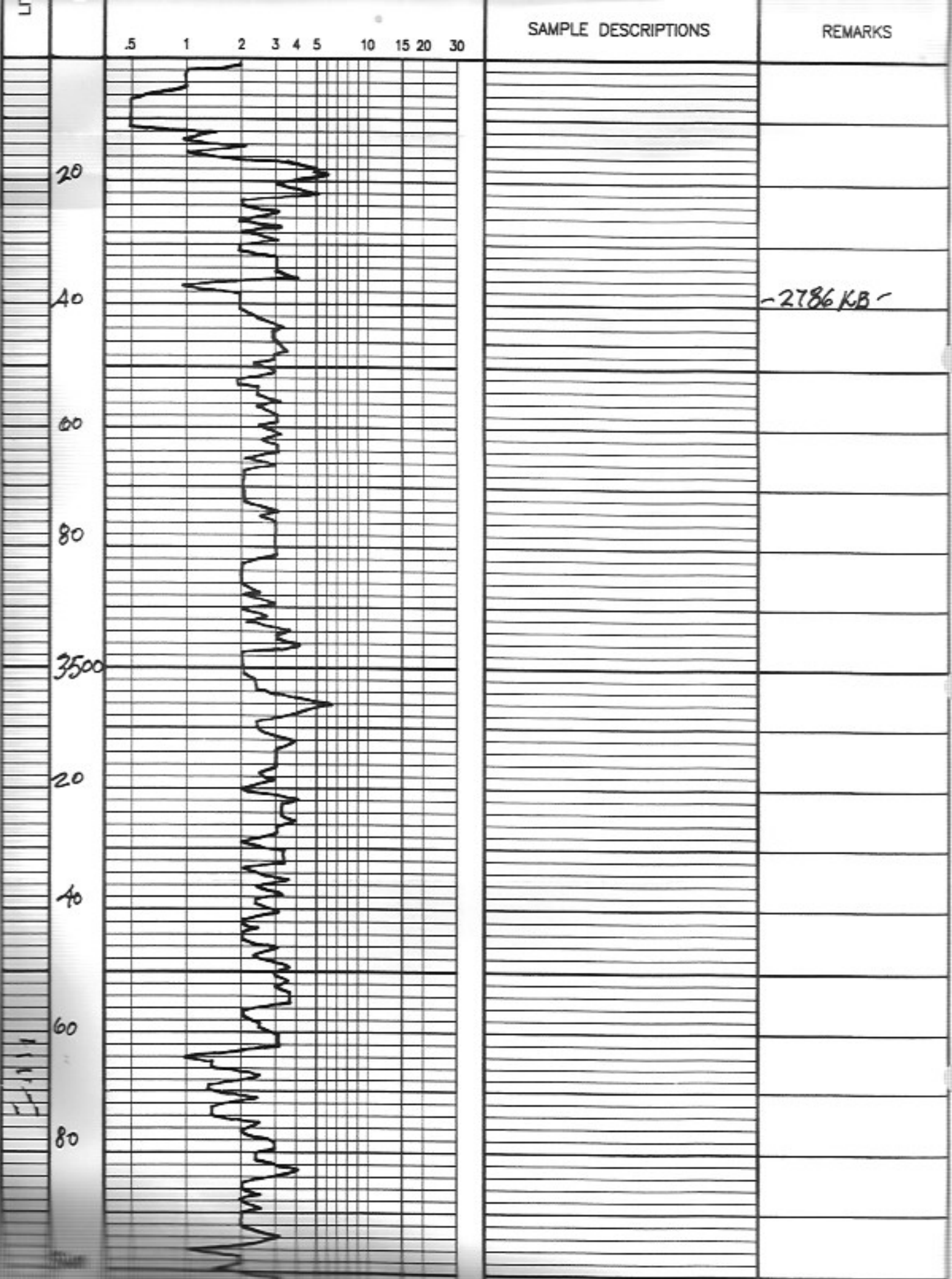
DRILLING TIME
Logarithmic Scale)

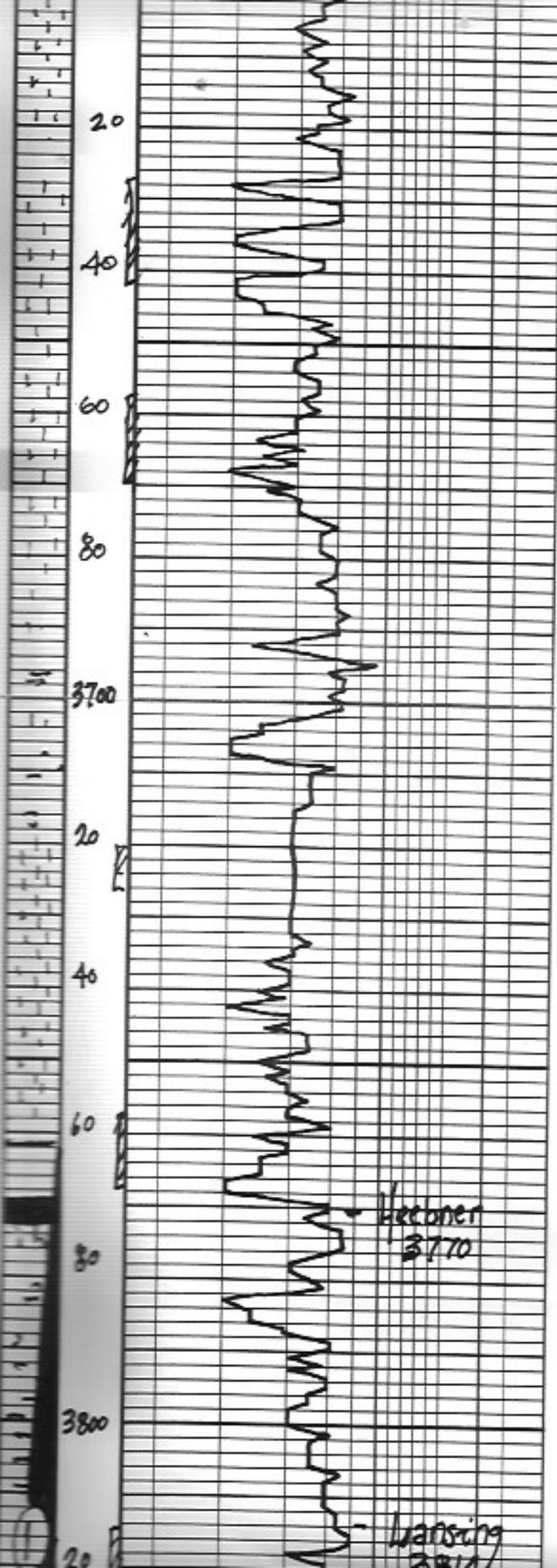
DEPTH

GEOLOGICAL

5092

2011 LOG





25 gm/cm, fxl: ool;
 m. sh / tinted scatt

3 2
 m. sh / brick red sh.

Jr. Sand: pk/w/wh/g;
 Cal: few fossils

Ls/gm/cm, fxl: ool/foss;
 Cherty; scatt

3 2
 Ls/gm/cm, Cherty; ool

Jr. blk carb. sh.

gm/man / brick red sh.

Ls, wh/gm (x4) few
 ool; Cherty

3 2
 sh / ls ool

Ls wh/gm, ool; Frb, Cherty

Jr. blk carb. sh
 Ls wh/gm, fxl: few foss
 Cherty

man / green gm / brick red
 sh.

3 2

DST#1 3762-3862
 30-30-45-60
 Blow; strong
 (Bob 12 mins)
 2nd
 opening; strong
 (Bob 15 mins)
 Rec:
 68' clean oil
 180' oil

3914'

LS, wh/CRM, blk, fine
vuggy - ppp, fr-stn/sat,
fr-good str, ??? odor

189' oils cut mud
(5% gas; 20% oil;
75% mud)

gr/mae soft sh

pressures
I sip 301 psi
SSIP 301
IFP 23-74
FPP 77-122
HSH
1819-1738 psi

LS wh, blk, frk; chunky; fr
pp type, blk/brown str.
? for ft odor.

??
LS, CRM, blk, fr-stn
chunky; dense

Jim supervision
Jake

gr/brick red/brown
soft sh

LS, CRM, wh (fr-2) few
med, blk, (fr-1); poorly
dev o' it;

gr/mae/brown
soft sh

LS, CRM, tan, frk; chunky,
small pp, vuggy type;
brown spots; NSF-0,
str, no odor

DST# 2 3904
-3990

??
soft sh/brown - ma
brick red

30-30-30-15
Blow weak (3")
2nd opening; weak
(1 1/2")

LS, CRM, wh, frk; poorly
dev fine vuggy type
blk str, NSF-0; no odor
(few foss)

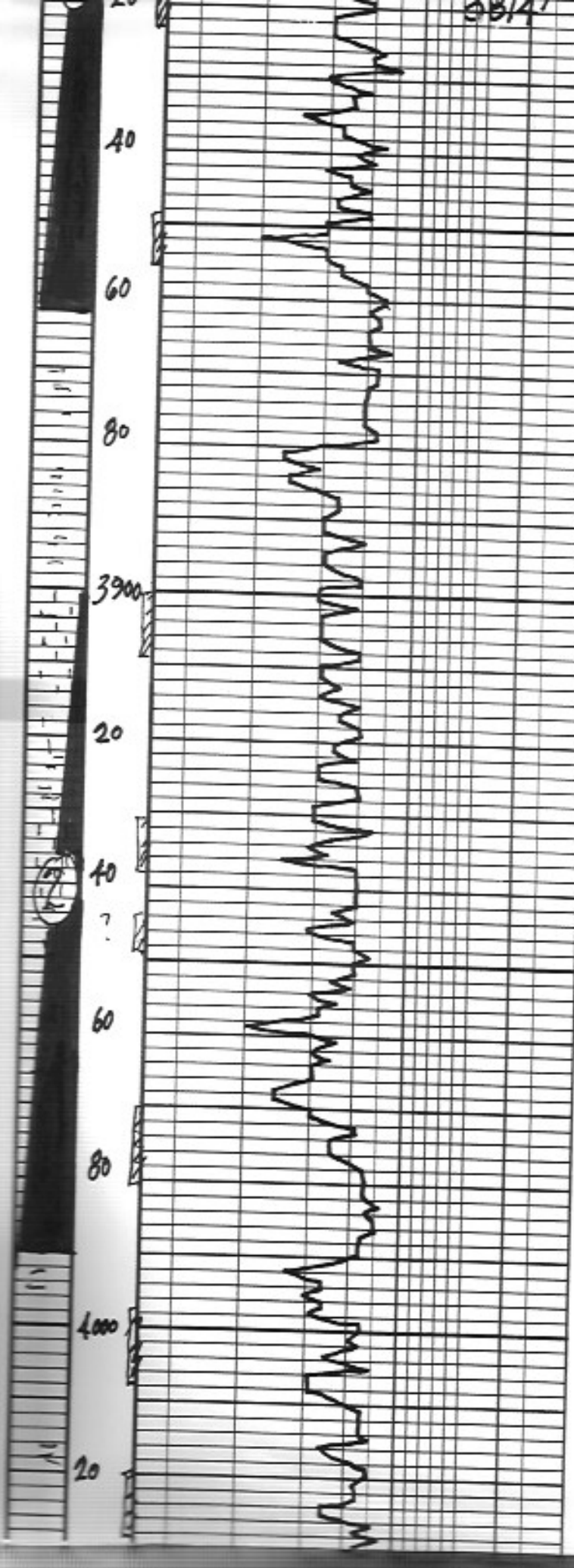
Rec: 60' mud
pressures, I sip 848 psi
SSIP 831
IFP 12-27
FPP 29-37
HSH
1908
-1823 psi

gr/brown red/brown
soft sh

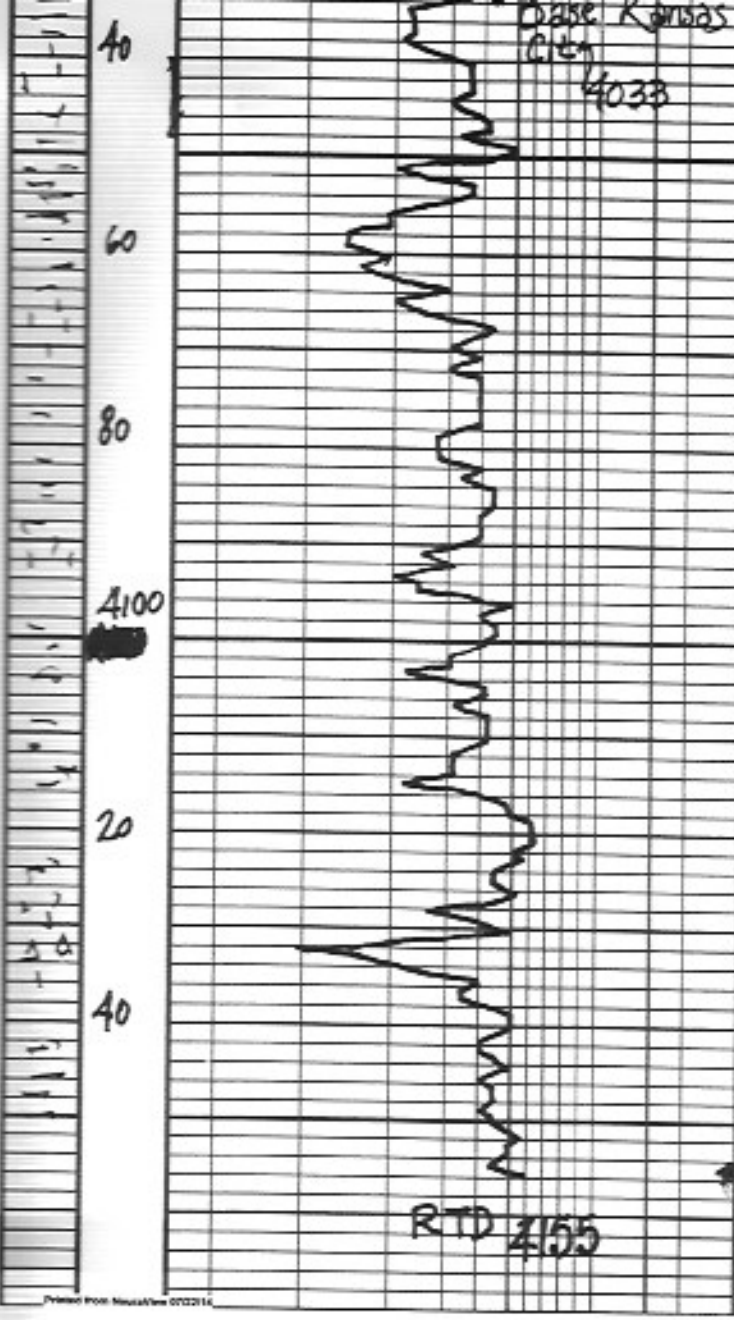
LS, CRM, wh, (v4)
collfoss, chunky; Poor vis o'
it;

gr/brick red/green sh

LS, CRM, wh, blk, few sub
com, chunky; Poor vis o' it;



40
60
80
3900
20
40
60
80
4000
20



gry/man sh; few silty
 }
 v.c. str

gr. ls; wh/cem, cherty
 }
 shale / ls; 2/3

gr. ls; clay; cherty - dy
 v.c. silty shale
 }
 ls, wh/gry, f-med xl
 cherty - dy

ls / shale aa
 II-wh A