

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. 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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Form	ACO1 - Well Completion
Operator	Baird Oil Company LLC
Well Name	WHITE 2-10
Doc ID	1358776

Tops

Name	Top	Datum
Anhydrite	1822	+323
Base Anhydrite	1854	+292
Topeka	3166	-1021
Heebner	3366	-1221
Toronto	3393	-1248
Lansing	3410	-1265
Base Kansas City	3596	-1451
Marmaton	3637	-1492
Arbuckle	3677	-1532
Total Depth	3738	-1593

GLOBAL OIL FIELD SERVICES, LLC

2967

REMIT TO 24 S. Lincoln
Russell, KS 67665

SERVICE POINT: Russell

DATE <u>6-9-17</u>	SEC. <u>10</u>	TWP. <u>6 S</u>	RANGE <u>21 W</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>9:00 PM</u>
LEASE <u>White</u>	WELL #. <u>2-10</u>	LOCATION <u>Bogue N to RD DD 25E</u>			COUNTY <u>GRAHAM</u>	STATE <u>KANSAS</u>	
OLD OR NEW (CIRCLE ONE) <u>(N)</u>							

CONTRACTOR W W DAIG, Rig # 12 "CALVIN"

TYPE OF JOB Cement Surface

HOLE SIZE 12 1/4 T.D. 212'

CASING SIZE 8 5/8 New 25' DEPTH 212'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS _____

DISPLACEMENT 12 1/2 BBL

EQUIPMENT _____

PUMP TRUCK CEMENTER Heath L.

409 HELPER Jason M.

BULK TRUCK DRIVER Tom W

328 DRIVER _____

BULK TRUCK DRIVER _____

OWNER _____

CEMENT AMOUNT ORDERED 160 SX BOM. 60 390cc 2.90 Gel 40 P02

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

ASC _____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING _____ @ _____

MILEAGE _____ @ _____

TOTAL _____

REMARKS:

Ran 8 5/8 Surface CSG.

Set @ 212

Received Circulation

Mixed 160 SX Cement

Displced 12 1/2 BBL / # 2

Shut in @ 300ft.

Cement Did Circulate

THANKS

CHARGE TO: Baird Oil Company 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 Noel Perez

SIGNATURE Noel Perez

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

GLOBAL OIL FIELD SERVICES, LLC

2952

REMIT TO 24 S. Lincoln
Russell, KS 67665

SERVICE POINT:

Russell, KS

DATE <u>6-13-17</u>	SEC. <u>10</u>	TWP. <u>10S</u>	RANGE <u>21W</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>White</u>	WELL# <u>2-10</u>	LOCATION			COUNTY <u>GRAHAM</u>	STATE <u>KS</u>	
OLD OR NEW (CIRCLE ONE) <u>NEW</u>			<u>Bogus, KS</u>				

CONTRACTOR W/W Druggins Rig# 12

TYPE OF JOB DRY HOLE PLUG

HOLE SIZE 7 7/8 T.D. 3745'

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.

PERFS

DISPLACEMENT

OWNER

CEMENT AMOUNT ORDERED 290 5X60/40 POZ 4% GEL 1/4 FC

EQUIPMENT

PUMP TRUCK CEMENTER BRAD

417 HELPER JASON

BULK TRUCK DRIVER KRIS

481 DRIVER

BULK TRUCK DRIVER

COMMON	@	
POZMIX	@	
GEL	@	
CHLORIDE	@	
ASC	@	
	@	
	@	
	@	
	@	
	@	
	@	
	@	
HANDLING	@	
MILEAGE		
		TOTAL

REMARKS:

1ST - 50 5X - 3650'

2ND - 50 5X - 1940'

3RD - 100 5X - 1040'

4TH - 50 5X - 260'

5TH - 10 5X - 40' WIPER PLUG

RAT - 30 5X

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE @

MANIFOLD @

@

@

TOTAL

CHARGE TO: BANK OIL

STREET 113 W MAIN

CITY LOGAN STATE KS ZIP 67646

PLUG & FLOAT EQUIPMENT

WIPER PLUG 1 @

@

@

@

@

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.

PRINTED NAME _____

SIGNATURE [Signature]

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT

IF PAID IN 30 DAYS

A.P.I. # 15-065-24138-0000

GEOLOGICAL REPORT
DRILLING TIME AND SAMPLE LOG

COMPANY Baird Oil Company, LLC.
 LEASE White # 2-10
 FIELD wildcat
 LOCATION 920' FNL + 2155' FEL
 SEC 10 TWSP 6S RGE 21W
 COUNTY Graham STATE Kansas

ELEVATION
 KB 2145'
 DF 2143'
 GL 2137'
 Depths Measured From
 Log KB Drilling KB

CONTRACTOR WW Drilling Rig #12
 SPUD 6-9-17 COMP 6-13-17
 SAMPLES SAVED FROM 3100' TO R.T.D.

CASING
 Surface 8 5/8" @ 212'
 Production none
 ELECTRIC LOGS
ELI

FORMATION TOPS AND STRUCTURAL POSITION

FORMATION	SAMPLE	E. LOG	DATUM <u>E. log</u>	A	B	C	D
				<u>+</u>	<u>+</u>		
Anhydrite	1828	1822	+ 323	+ 336	+ 347		
Base Anhydrite	1859	1854	+ 292	310	+ 321		
Topeka	3173	3166	- 1021	-1019	-1020		
Heebner	3373	3366	- 1221	-1218	-1215		
Toronto	3400	3393	- 1248	-1249	-1240		
Lansing	3417	3410	- 1265	-1262	-1258		
Base Kansas City	3602	3596	- 1451	-1447	-1444		
Marmaton	3643	3637	- 1492				
Arbuckle	3683	3677	- 1532	-1512	-1506		
Total Depth	3745	3738	- 1593	-1562	-1561		

REFERENCE WELLS

- A Gateway Resources #1-10 White, 990' FNL + 2500' FEL Sec. 10-6S-21W
- B Gateway Resources #1-10 Paterson, 2300' FSL + 2015' FNL Sec. 10-6S-21W
- C
- D

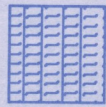
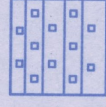
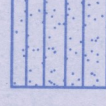


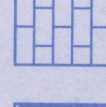
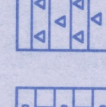
REMARKS

This well ran 3 to 7 feet lower on the Lansing top and 20 to 26 feet lower on the
 Abuckle top than the nearby reference wells. After considering all pertinent
 information it was decided no further testing was warranted. The well was
 plugged and abandoned.

Richard B. Bell
 6-14-17

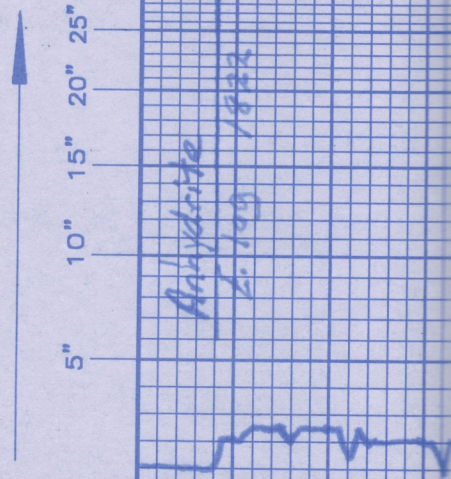
7502

LEGEND

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

DRILLING TIME IN MINUTES
 PER FOOT

Rate of Penetration Decreases



DEPTH

1820

1850

LITHOLOGY

SAMPLE DESCRIPTIONS

OIL SHOWS

REMARKS

LOG 7710

Base Amplitude
5/100 1854

W

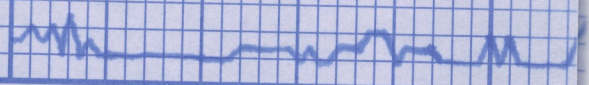
2900

20

40

-cam

-cam



Drilling time has to be
adjusted up 6 to 7 ft.
to match log depths

Samples are logged
good samples

shibnd grey
LS. sta grey fshd Tc. ppd

60

80

3000

20

40

60

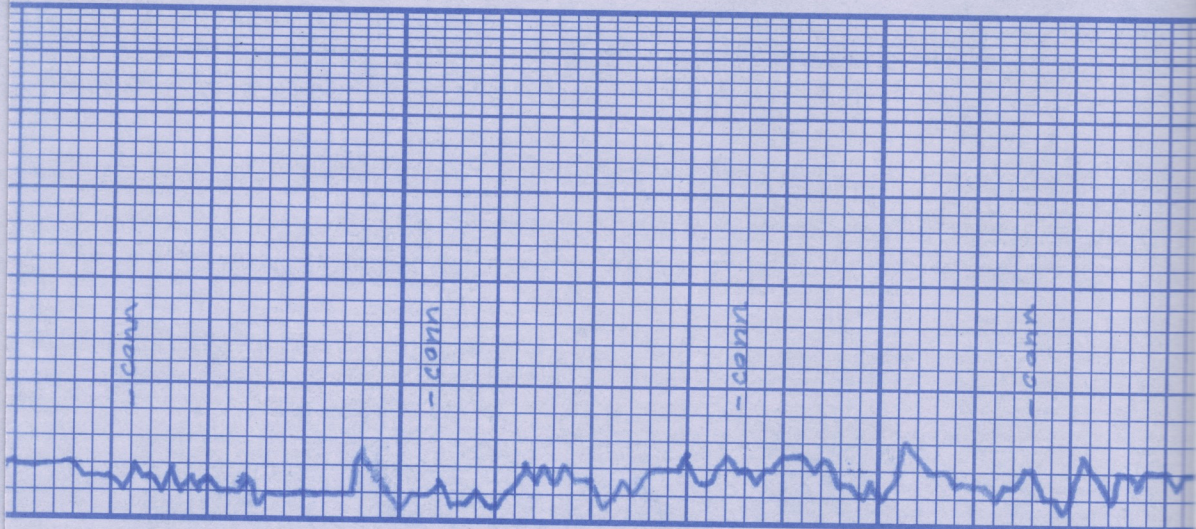
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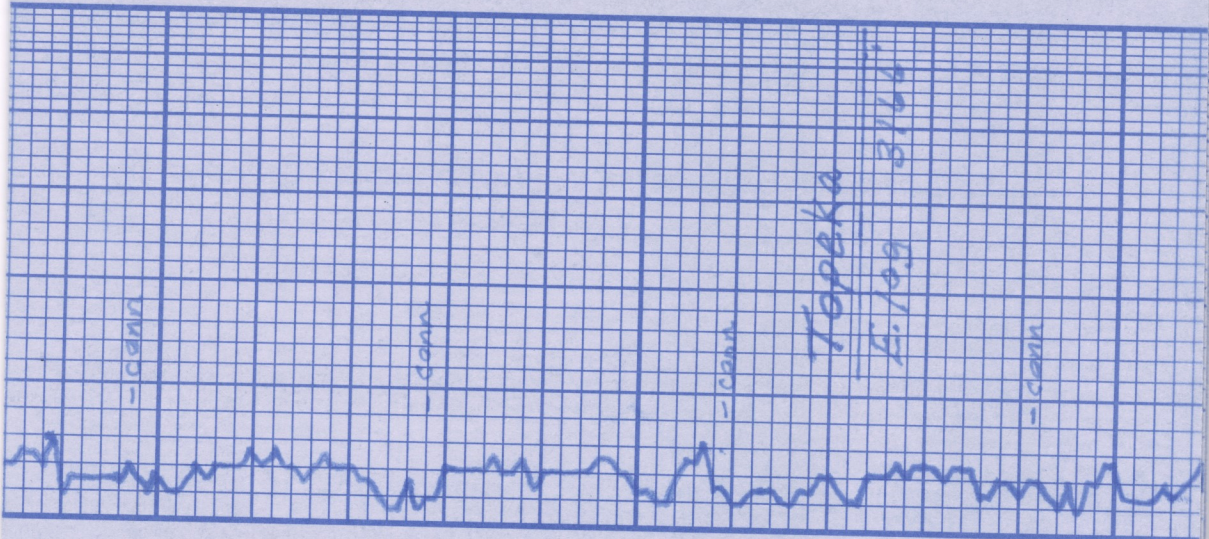
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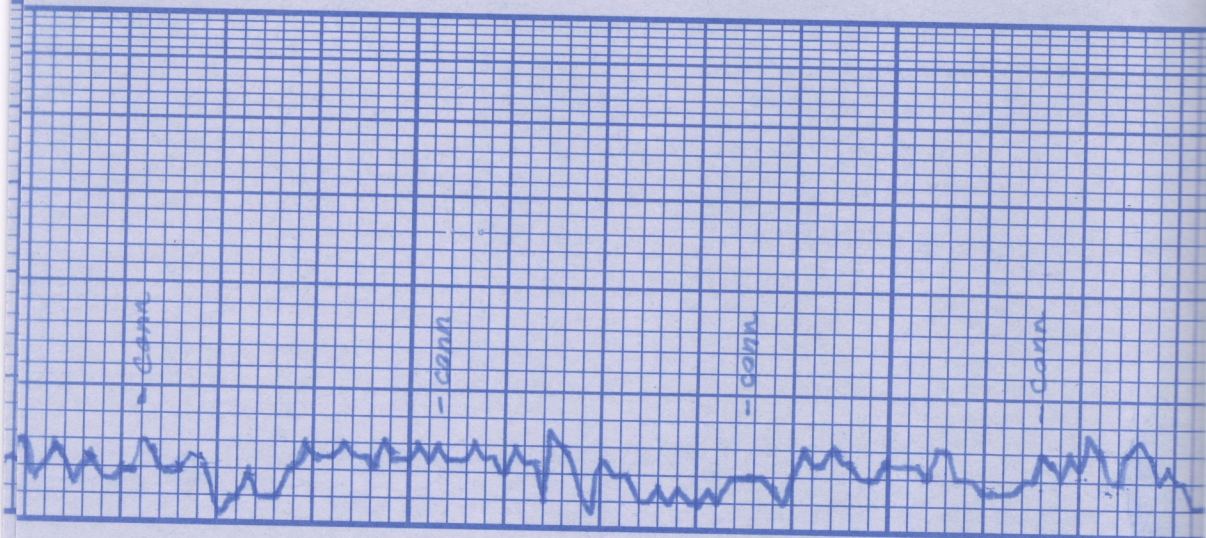
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3100	Sh: brn slty	
	ls: wh-tn-gry fslf dns N.S.O.	
20	ls: tn-lt. gry mtld fslf dns N.S.O.	
	Tr. ss: cl. frost fr. gn. conse in gran φ N.S.O.	
40	ls: tn-gry fslf dns N.S.O.	
	Sh: gry slty ls: gry mtld fslf. dns N.S.O.	
60	ls: tn-gry fslf dns N.S.O.	
	Sh: gry slty + brn slty	
80	ls: wh-lt. gry cky-fx dns N.S.O.	
	ls: tn-gry-sli. ye-l fx dns sh: brn + gry N.S.O.	
	ls: tn-gry mtld fslf dns sh: brn + gry	
3200	ls: wh-tn fcln dns N.S.O.	



20

40

60

80

3300

20

LS:tn-gry mtld flt dns

LS:wh-tn fltn flt dns
N.S.O.

LS:wh-tn fltn flt ppφ
V. Δty wh-tn N.S.O.

LS:wk-tn flt Tr ppφ
N.S.O. Δ wh-tn

Sh: blk Carb
LS:tn-gry flt dns N.S.O.

Trace SS: V. fn gn consol.
ingran φ N.S.O.

Sh: gry sity

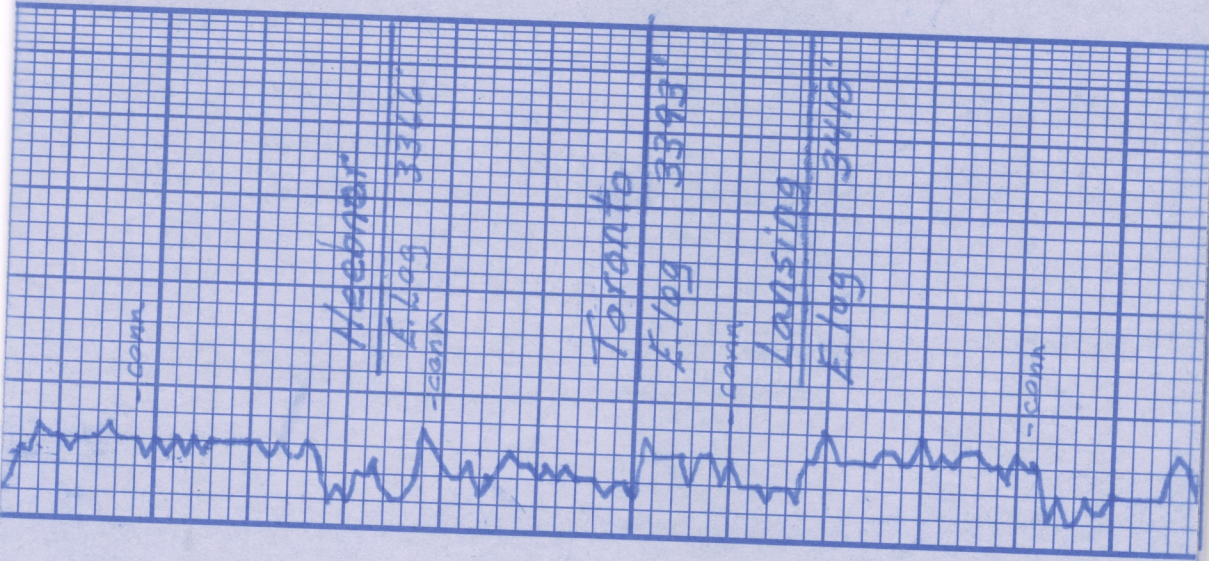
LS:tn-gry mtld flt dns
N.S.O.

LS:wk-tn fltn -sli. flt
dns. N.S.O.

LS:tn-lt. gry flt dns N.S.O.

Trace Sh: blk Carb
LS:wh-tn fltn -sli. flt dns
N.S.O. Sh: gry

LS:wh-tn dolie fltn ppφ



Neenah

E-log 3310
-can

Toronto

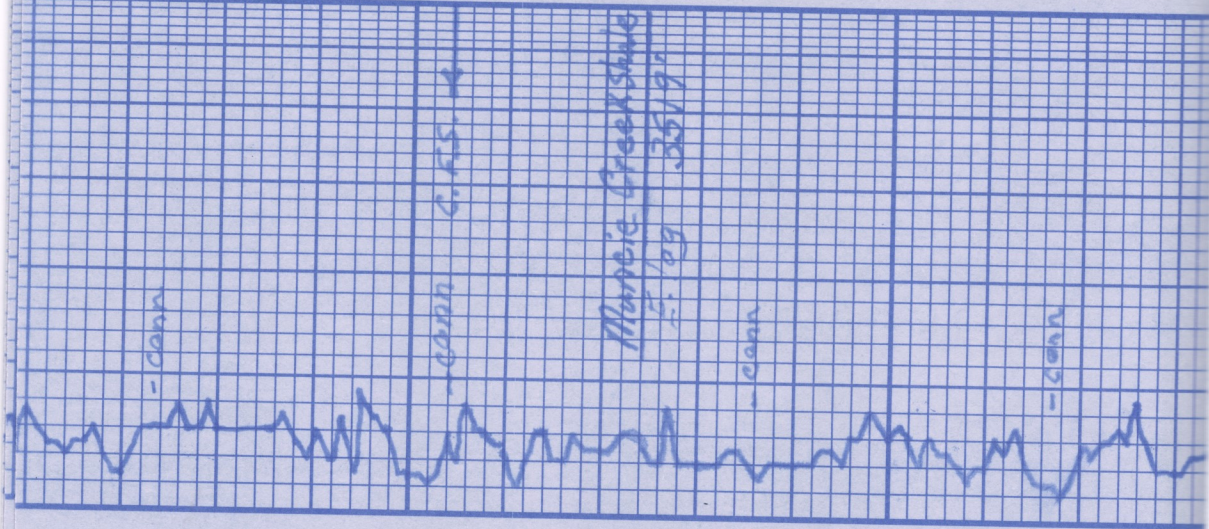
E-log 3395
-can

Lansing

E-log 3410
-can

40	SI: VGYD N.S.O. - No cut Tr. A wh
60	LS: wh-tn-feln Tr sub oil N.S.O. No cut
80	LS: aa. Tr A wh
3400	LS: wh-tn-lt. gry slicky- fslf dns Sh: blk Carb LS: tn-fslf dns. N.S.O. Sh: lt. gry slty
20 'A'	LS: wh-tn-feln-sli-fslf dns N.S.O. do cut No odor Sh: brn
40	LS: wh-tn slicky-feln- Tr. sl: fslf dns N.S.O. Tr. A wh-tn
'C'	LS: tn-sli-gel fslf dns N.S.O. Sh: gry & brn
	LS: wh-tn fslf ppd-Tr VGYD pr. N.S.O. 0.5tn N.S.O. No cut

✓



-cann

-cann

-cann

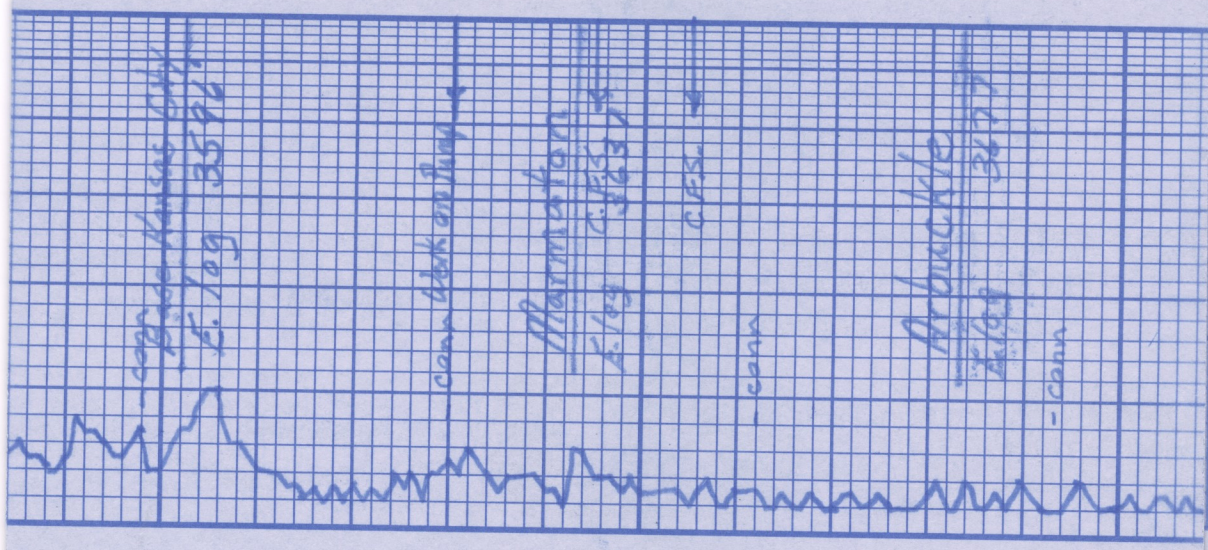
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Marcie Creekside
E 69 35/91

60 'D' 80 'E' 'F' 3500 G 20 'H' 40 'I' 60 'J' 80

LS: wh-tn-fxh pr. 0-14 odor Δy wh-tn-gry	LS: wh-tn-fxh tr 0-1 in part pr. lt. 0 stn lt. sour odor N.F.O.	Dol: tn lt. 0 sat N.F.O. Agry mtld sour odor	LS: tn-fxh lt. 0 sat N.F.O. Tough to crush sour odor	LS: wh-tn-kt-gry-fxh dns tr Δ tr	Sh: blk carb. LS: tn-fxh dns N.S.O. sh: gy + brn	LS: wh-tn-sli-cky-fxh tr ppd V.R.T pr. lt. sptd 0 stn N.F.O.	LS: wh-tn-sli-cky-fxh ppd -tr. VgY pr. lt. sptd 0 stn tr. fnly diss oil on crush Sh: det gry + brn
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✓ ✓ ✓ ✓ ✓ ✓ ✓



3600'	✓	LS: wh-tn. Sli. Clay-fach N.O. Dis φ Tr. Lt. Spd. O. Str. R.T. floating F.O. No odor Sh: brn + gray silty LS: wh-tn fcln-fsh R.T. Vgy φ R.T. Lt. Spd. O. Str. N.F.O. shly: brn silty + gray silty Tr. SS: U. fn. gn. S. anal. ingran φ N.S.O.
20		Sh: gry + brn
40	✓	LS: wh-tn fcln-dns N.S.O. LS: + silty LS: fcln-maln Tr ingran φ Lt. Spd. O. Str. N.F.O. Qtz Sd embedded No odor
60		Sh: brn + gry
80	✓	Sh: brn + gry Δ or yel, W.
3700		Dol: wh-tn fcln-coars sh ingran φ Lt. Spd O. Str. w/ asph spks included N.F.O. lot of barren
		Dol: wh-tn fcln - maln

Start Trip @ 3630'

