

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1254803
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

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

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

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

1254803

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)* _____

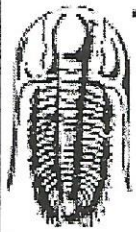
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Staab Oil Co., a General Partnership
Well Name	Sharon 1
Doc ID	1254803

Tops

Name	Top	Datum
Anhydrite	1408	580
base	1448	540
Topeka	2918	-930
Heebner	3125	-1137
Toronto	3147	-1159
Lansing	3167	-1179
BKC	3384	-1396
Arbuckle	3412	-1424
TD	3500	-1512



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Staab Oil Co
1607 Hopewell Rd
Hays KS 67601-9443
ATTN: Janel Staab

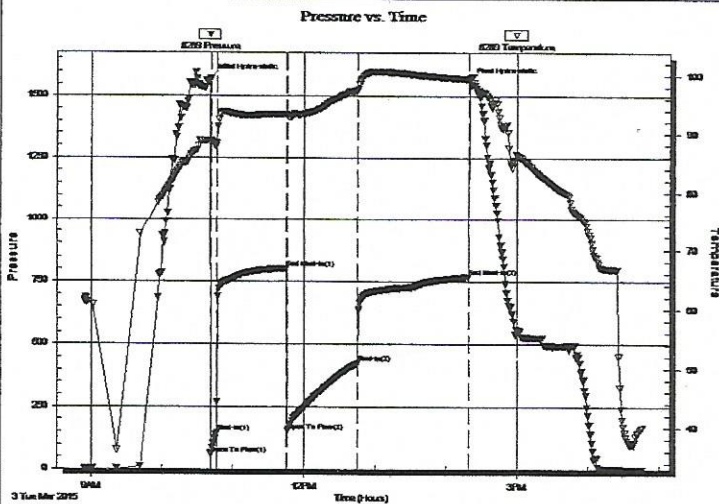
28-8s-18w Rooks,KS
Sharon #1
Job Ticket: 61399 **DST#: 1**
Test Start: 2015.03.03 @ 08:54:00

GENERAL INFORMATION:

Formation: **LKC "C - F"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 10:41:00
Time Test Ended: 16:46:00
Interval: **3190.00 ft (KB) To 3280.00 ft (KB) (TVD)**
Total Depth: 3280.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Reference Elevations: 1988.00 ft (KB)
1983.00 ft (CF)
KB to GR/CF: 5.00 ft
Test Type: Conventional Bottom Hole (Initial)
Tester: Jim Svaty
Unit No: 76

Serial #: 8289 **Outside**
Press@RunDepth: 426.19 psig @ 3194.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2015.03.03 End Date: 2015.03.03 Last Calib.: 2015.03.03
Start Time: 08:54:02 End Time: 16:46:00 Time On Btm: 2015.03.03 @ 10:40:45
Time Off Btm: 2015.03.03 @ 14:20:15

TEST COMMENT: 5-IFP- BOB in 2 1/2min.
60-ISIP- Surface Blow Died in 10min.
60-FFP- BOB in 3min.
90-FSIP- BOB in 4 1/2min.



PRESSURE SUMMARY

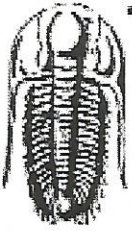
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1571.72	88.80	Initial Hydro-static
1	60.27	88.12	Open To Flow (1)
6	146.79	88.08	Shut-In(1)
65	802.74	93.35	End Shut-In(1)
66	151.12	93.04	Open To Flow (2)
125	426.19	97.47	Shut-In(2)
219	769.36	99.38	End Shut-In(2)
220	1558.85	99.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
466.00	OCM 30%o 70% m	3.42
685.00	CO 100%	9.61
0.00	GIP 1095	0.00

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Staab Oil Co
1607 Hopewell Rd
Hays KS 67601-9443
ATTN: Janel Staab

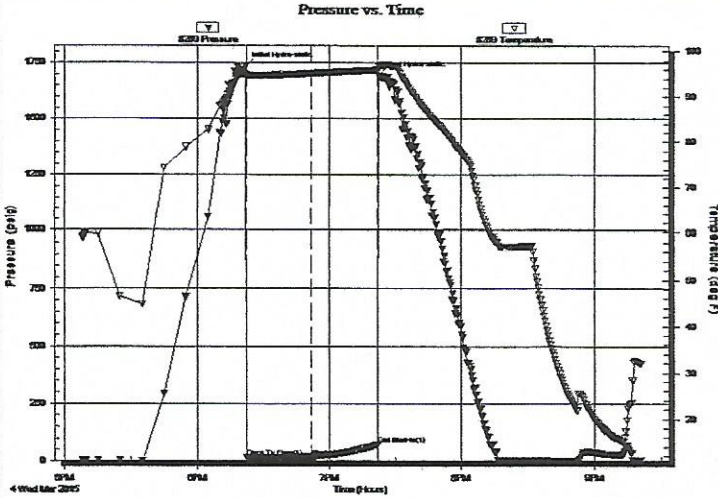
28-8s-18w Rooks, KS
Sharon #1
Job Ticket: 61400 **DST#: 2**
Test Start: 2015.03.04 @ 17:08:00

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 18:22:30
Time Test Ended: 21:21:00
Interval: **3406.00 ft (KB) To 3451.00 ft (KB) (TVD)**
Total Depth: 3500.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Straddle (Reset)
Tester: Jim Svaty
Unit No: 76
Reference Elevations: 1988.00 ft (KB)
1983.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8289 Outside
Press@RunDepth: 17.60 psig @ 3410.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2015.03.04 End Date: 2015.03.04 Last Calib.: 2015.03.04
Start Time: 17:08:02 End Time: 21:21:00 Time On Btm: 2015.03.04 @ 18:22:15
Time Off Btm: 2015.03.04 @ 19:22:15

TEST COMMENT: IFF- Surface Blow Building to 1 1/4" In 10 min. Died Back in 16 min.
ISIP- No Blow
Pulled



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1735.54	95.01	Initial Hydro-static
1	16.14	94.50	Open To Flow (1)
30	17.60	95.18	Shut-In(1)
60	73.05	95.91	End Shut-In(1)
60	1693.62	96.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Oil Speck Mud 100%	0.01

Gas Rates

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

* Recovery from multiple tests

GLOBAL CEMENTING, L.L.C.

1616

REMIT TO 18048 170RD
RUSSELL, KS 67665

SERVICE POINT: RUSSELL KS

DATE <u>2-27-2015</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>10:30 AM</u>
LEASE <u>SHARCO</u>	WELL #. <u>1</u>		LOCATION			COUNTY <u>ROCK</u>	STATE <u>KS</u>
OLD OR <u>NEW</u> (CIRCLE ONE)							

CONTRACTOR SHIELDS DRILLING

TYPE OF JOB SURFACE

HOLE SIZE 72 1/4 T.D. 226

CASING SIZE 8 7/8 DEPTH 2288

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 20' 10" 15" CUM

PERFS

DISPLACEMENT 13.874

OWNER

CEMENT AMOUNT ORDERED 150 SY CUM
3 1/2" - 124.50L

COMMON @

POZMIX @

GEL @

CHLORIDE @

ASC @

HANDLING @

MILEAGE @

TOTAL

EQUIPMENT

PUMP TRUCK CEMENTER BAND

P1 HELPER BAND

BULK TRUCK DRIVER JAMES

83

BULK TRUCK DRIVER

#

REMARKS:

RUN IN 12 3/4" CASING - CEMENTITE MUD -
HOPE W/ CEMENT - MIN 120 SY - 124.50 SY
DISPLACEMENT 13.874 FOR H2O - HOPE W/ 200 SY -
CEMENT PID CIRCULAR ME

CHARGE TO: STARR OIL

STREET

CITY STATE ZIP

Global Cementing, L.L.C.,
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 George Begler

SIGNATURE George Begler

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 CEMENTING, L.L.C.

1618

REMIT TO 18048 170RD
RUSSELL, KS 67665

SERVICE POINT:
RUSSELL, KS

DATE <u>3-5-2015</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>SHARON</u>	WELL #. <u>1</u>		LOCATION			COUNTY <u>Rooks</u>	STATE <u>KS</u>
OLD OR <u>NEW</u> (CIRCLE ONE)							

CONTRACTOR SHIELDS DRILLING

TYPE OF JOB PIPE JOB

HOLE SIZE 7 1/2 T.D.

CASING SIZE 5 1/2 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 400 SF Multi Density

150 SF COM 10% SALT 2% GEL 2% PLAST

COMMON @

POZMIX @

GEL @

CHLORIDE @

ASC @

HANDLING @

MILEAGE @

TOTAL

EQUIPMENT

PUMP TRUCK CEMENTER BRAD, HEATH

P1 HELPER BRANDON

BULK TRUCK DRIVER MARK

B1

BULK TRUCK DRIVER JASON

B4

REMARKS:

RUN IN CASING - CIRCULATE MUD FOR 30 MIN MIX 550 SF - PLUG MOUSEHOLE / RAT HOLE - PUMP PLUG w/ 86 BBL H2O - LAND PLUG @ 1500 PSI - CEMENT DID CIRCULATE

CHARGE TO: STARR OIL

STREET

CITY STATE ZIP

Global Cementing, L.L.C.,
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 Shank Oil Co. Todd Shank

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE 10 @

MANIFOLD @

TOTAL

PLUG & FLOAT EQUIPMENT

5 BASKETS @

8 CENTRALIZERS @

LAUGH DOWN COLLAR @

5 1/2 PLUG @

AFU SHOE @

TOTAL

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS

Janel Staab
Consulting Petroleum Geologist

2428 Toulon Ave
Hays, KS 67601
Phone: 785-625-4311
Cell Phone: 785-635-1660

GEOLOGIST'S WELL REPORT

COMPANY Staab Oil Company 6037
WELL Sharon #1
FIELD Wildcat
LOCATION (legal) SE·NW-SW·NW 1720' FNL 480' WL
Section 28 TWP 8S RGE 18W
(Map) 6 1/2 mile N. of Plainville 3 miles West
COUNTY Rooks STATE Kansas
ELEVATION: 1988 K.B., 1983 G.L.

Depths measured from Kelly Bushing

A. P. I. NUMBER 15-163-24283-00-00
GEOLOGY BY Janel Staab

PERTINENT WELL DATA

CONTRACTOR Shields Drilling Co. 5184

RIG #2 HYDRAULICS Beth 225 6x14x60

DRILL PIPE 4 1/2" X-H COLLARS 6 1/4" 311"

CASING: SURFACE 8 5/8" @ 226' w/150 SX Common

PRODUCTION 5 1/2" @ 3500' w/150 SX Common

DRILLING FLUID: COMPANY Mud-Co / Service Mud, Inc

TYPE: Chemical ^{Jason Whiting}
Gary Schmidtberger

REMARKS: Full Service

DRILL STEM TESTS: COMPANY Trilobite Testing Inc.

NUMBER OF TESTS 2

ELECTIC LOGS: COMPANY Pioneer Energy Services

DETAIL (5") 2850' - RTD

TYPE DI, CompN-D, Micro

DRILLING TIME FROM 2875' TO 3500 - RTD

SAMPLE TIME FROM 2880' TO 3500 - RTD

SUPERVISION FROM 2880' TO 3500 RTD

VERTICAL DEVIATION _____

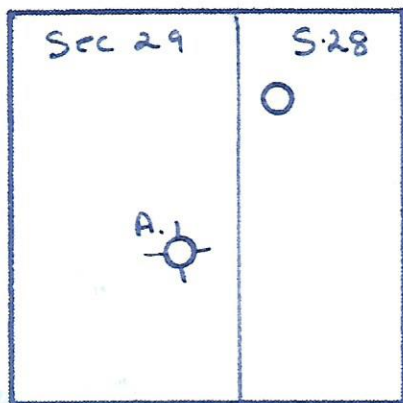
PLUGGING REPORT _____

RESERVE PIT _____

FORMATION TOPS & STRUCTURAL GEO

% oil

rud



REFERRED TO:

A: Graves. Henderson #
Sec 29 T8 R18

- B: _____
- C: _____
- D: _____
- E: _____

STRATIGRAPHIC MARKERS	SUBJECT WELL			STRUCTURAL POSITION		
	SAMPLE	E. LOG	DATUM	A	B	C

Anhydrite	1407	1408	+580	+565		
Base	1448	1448	+540			
Topeka	2919	2918	-930	-940		
Heeb. Sh	3125	3125	-1137	-1149		
Toronto	3150	3147	-1159	-1173		
Lansing	3169	3167	-1179	-1192		
B.K.C.	3385	3384	-1396	-1415		
Arbuckle	3414	3412	-1424	-		
T.D.	3500	3500	-1512			

*Structural position of subject well as compared to refer

6	7
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The Sharon #1 in Sec 28 T8 R18 Co. Kansas was drilled starting Feb 26th reached T.O on March 4, 2015 using Sh Drilling Co. rig #2

3-D seismic survey indicated a structural high compared to dry hole location

Oil shows were encountered starting in the Plattsmouth thru the Arbuckle 2 DST were ran with #1 having results. Logs were ran and support sample findings and reinforced DST

Due to a positive DST and structural high compared to other locations, and with results of the 3 logs, product pipe was set on March 5, 2014

Paul Jacob

Books

2015 and

fields

s near

tung

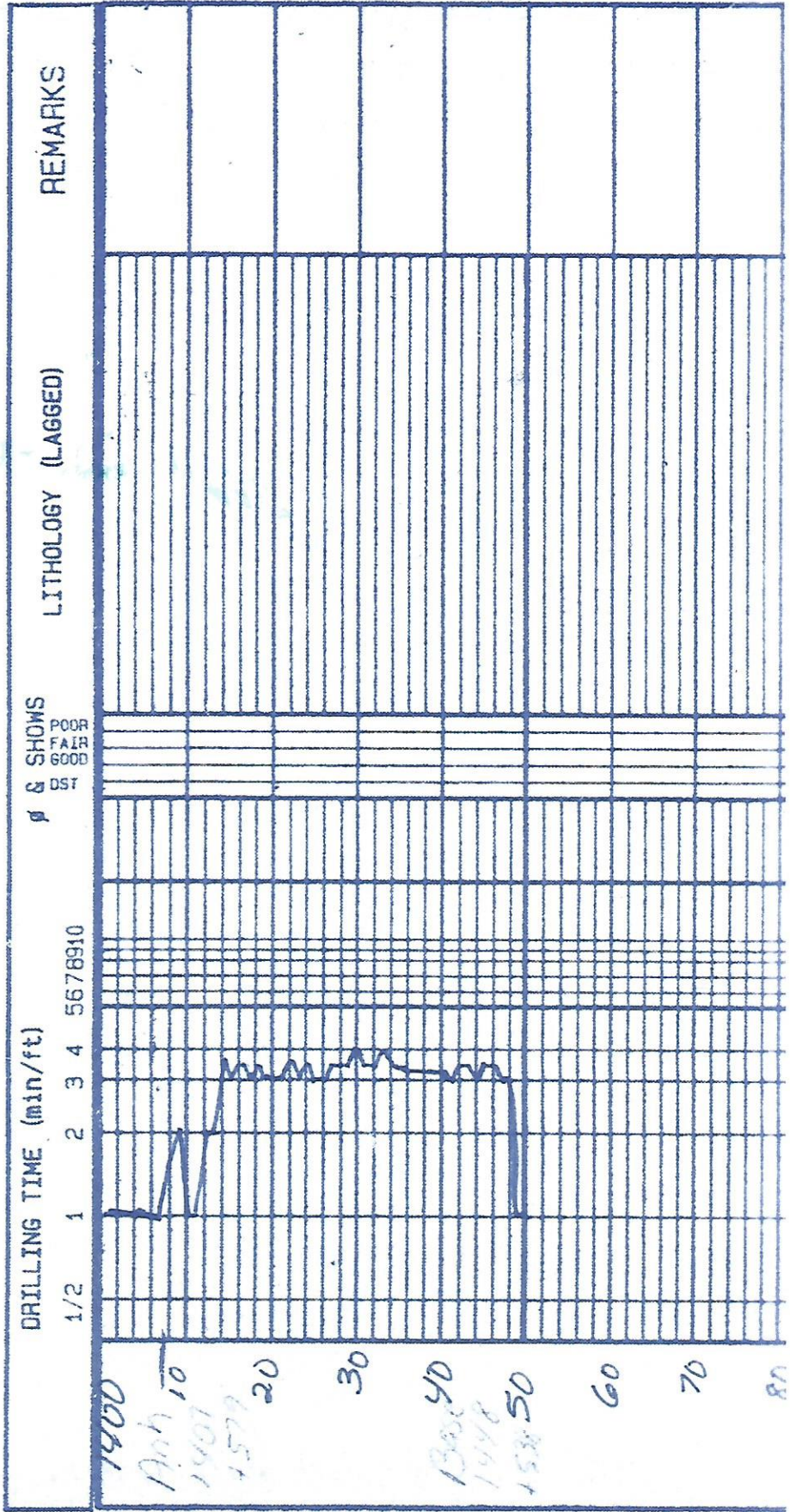
positive

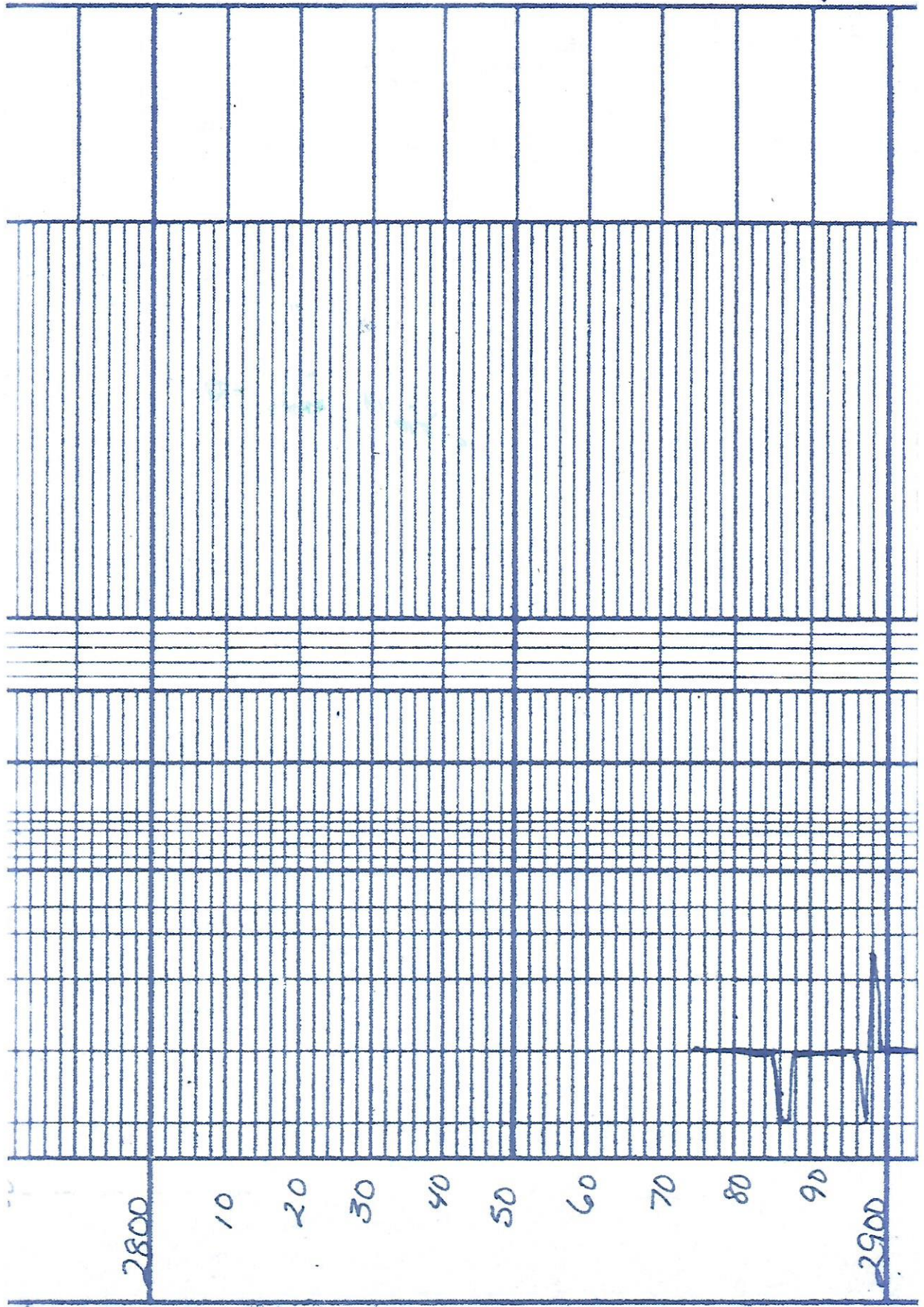
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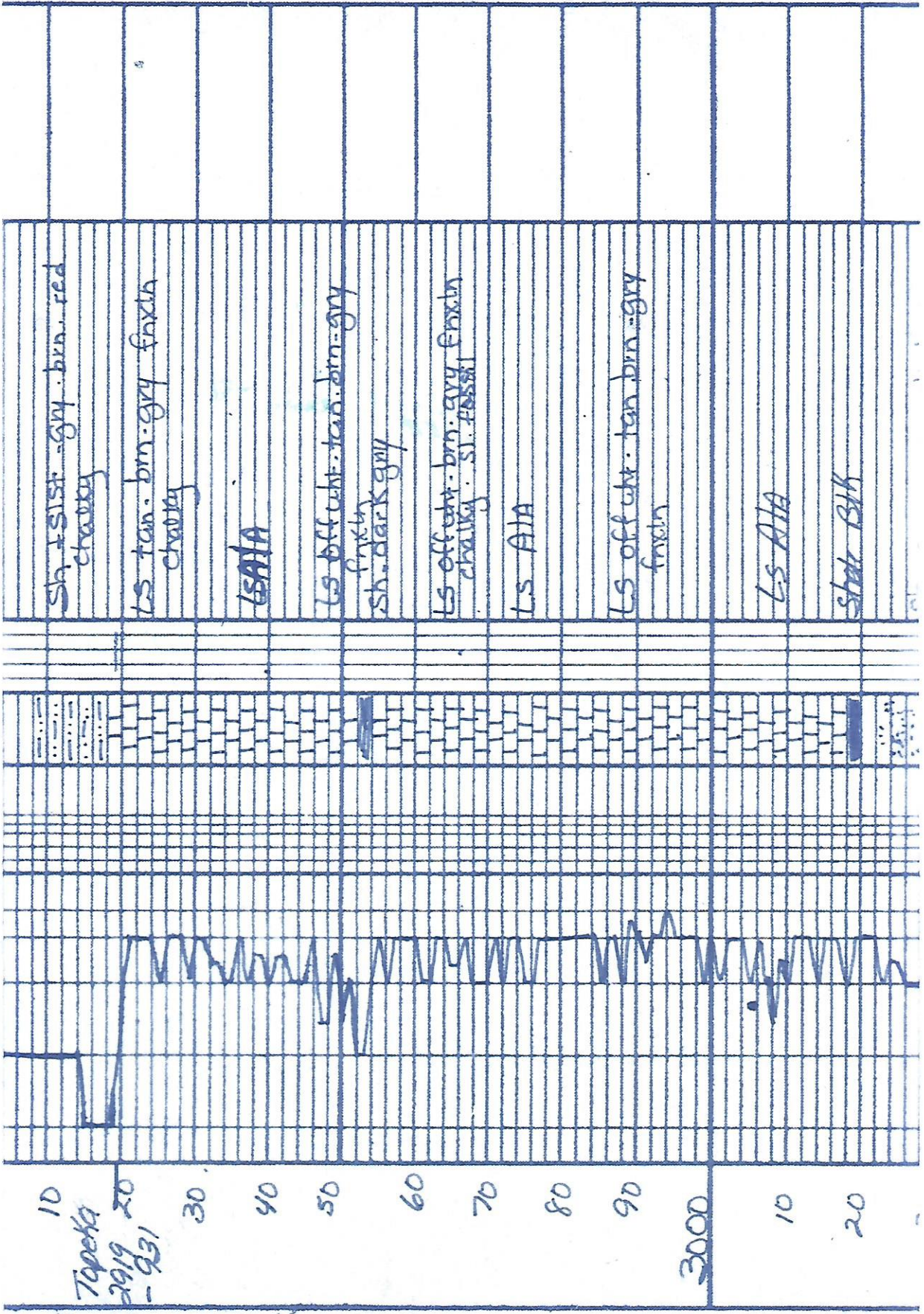
actually

long

on







Sh + S1st - gry . brn . red
cherry

LS tan . brn . gry foxia
cherry

LSAIA

LS off wht . tan . brn . gry
foxia
sh . dark gry

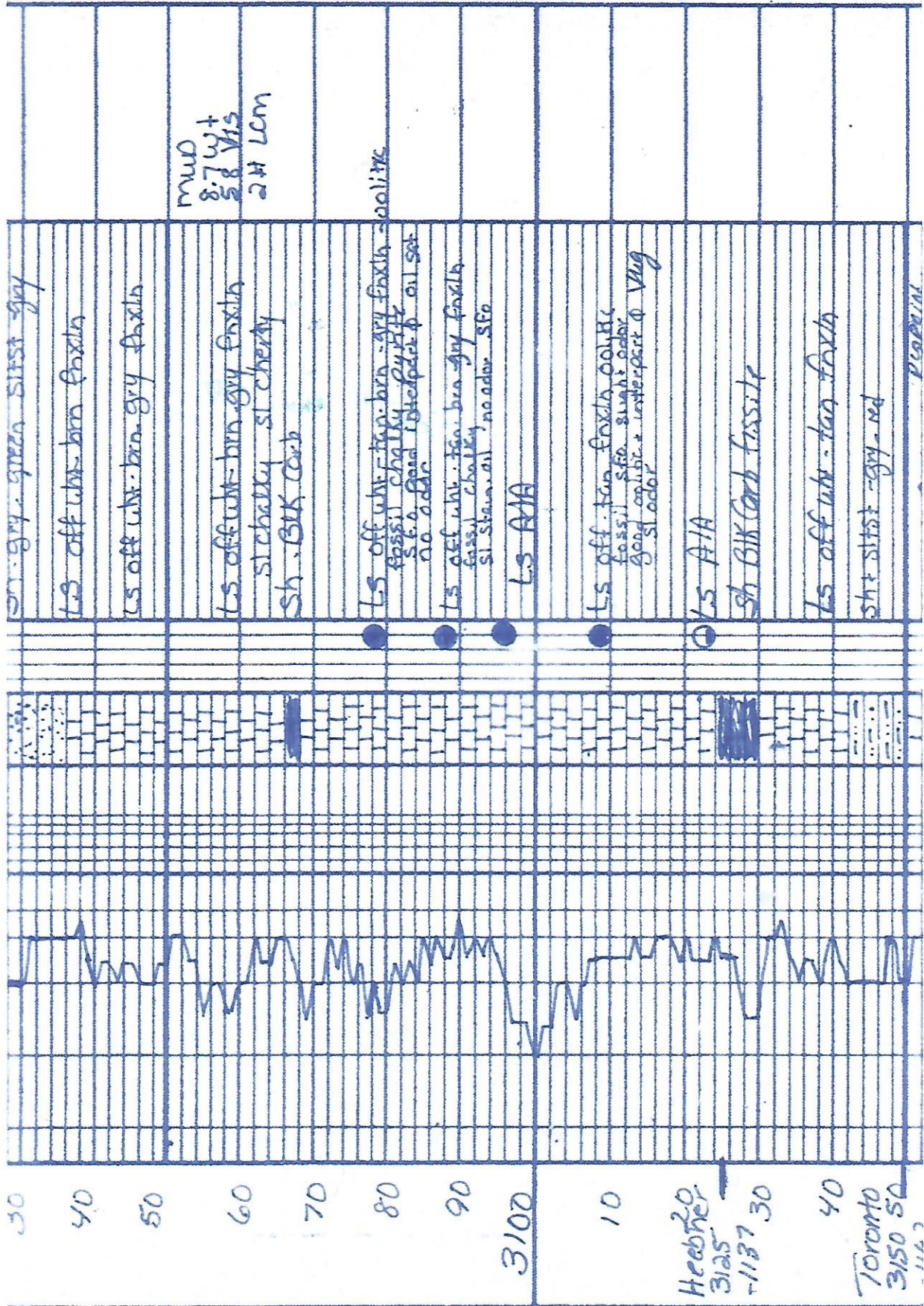
LS off wht . brn . gry foxia
cherry . sl . #5581

LS AIA

LS off wht . tan . brn . gry
foxia

LS AIA

Shok Btk



off. gray. green siltst. gray

LS off wht. brn. fexite

LS off wht. brn. gray fexite

mud
8.7 wt +
2.8 Vis
2# LCM

LS off wht. brn. gray fexite
silt. cherty
sl. cherty

Sh. BIK Carb

LS off wht. tan. brn. gray fexite
fossil cherty
S. a. good interpart. oil sat.
no odor

LS off wht. tan. brn. gray fexite
fossil cherty
sl. shaly, no odor. SFE

LS AIA

LS off. tan. fexite
fossil SFE. slight odor
good carb. + interpart. & Vug
sl. odor

LS AIA

Sh BIK Carb. fissite

LS off wht. tan. fexite

siltst. gray. red

pearl

30

40

50

60

70

80

90

3100

10

Hebner
3125

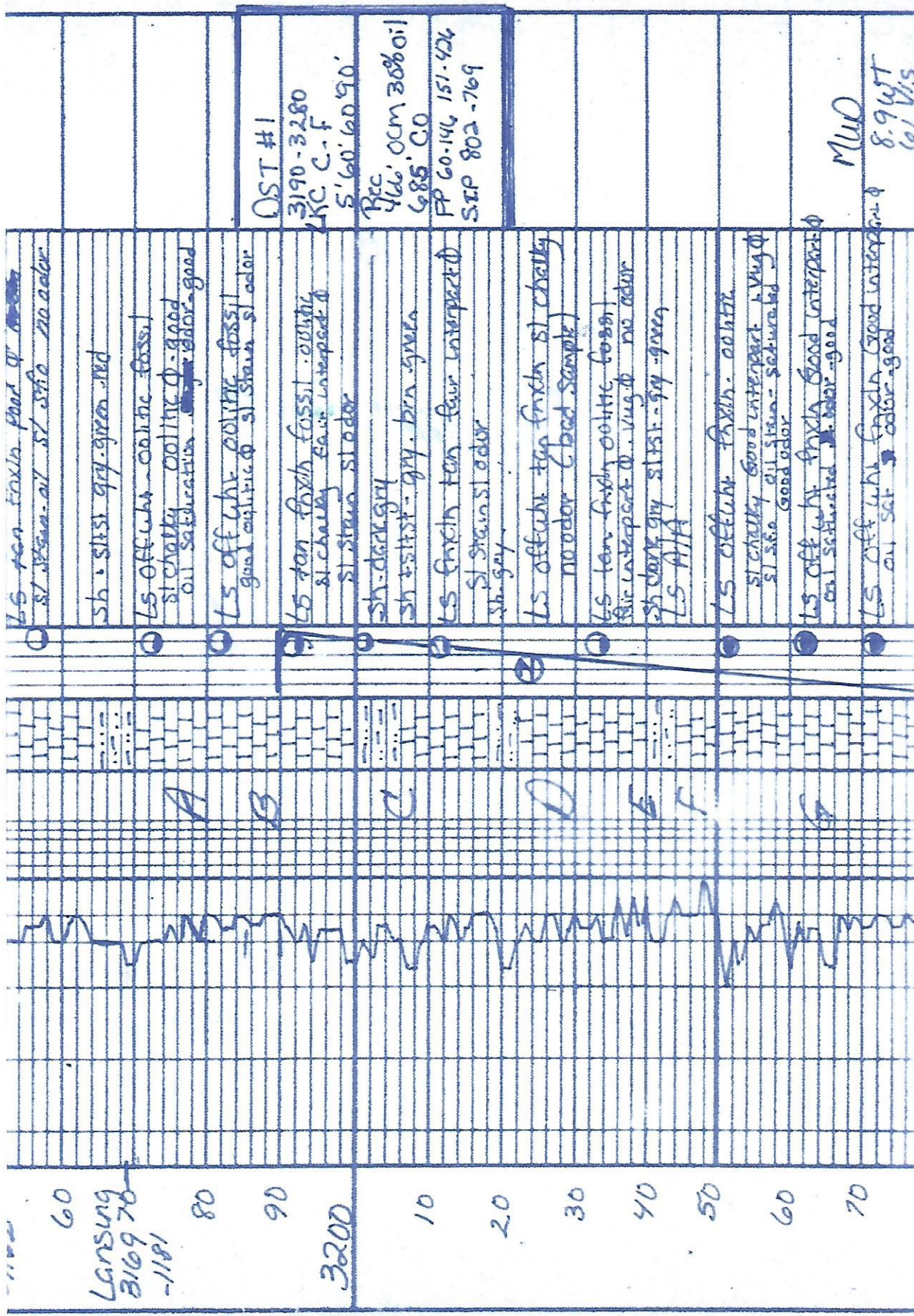
-1137

30

40

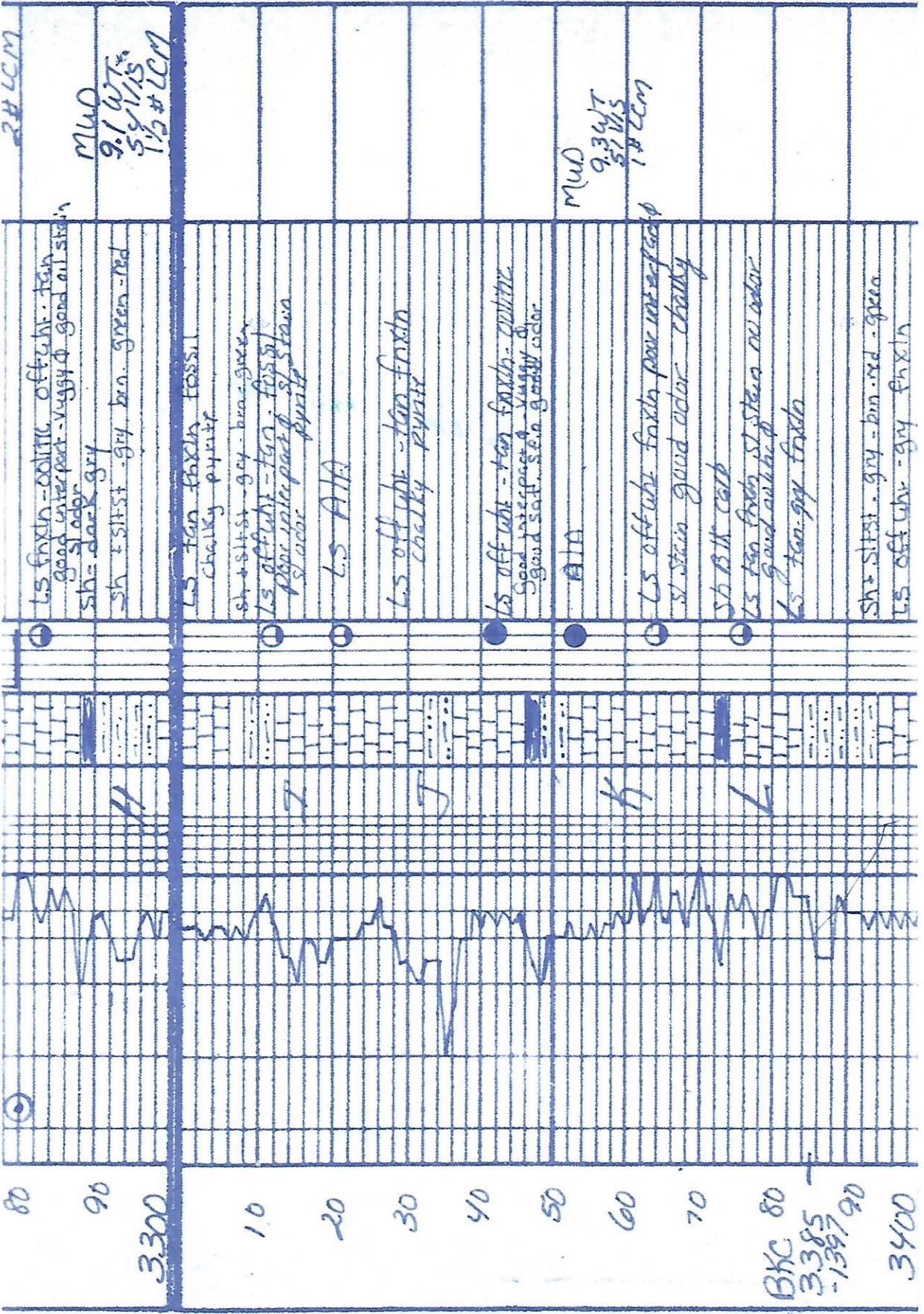
Toronto
3150

50
-1160



OST #1
 3190-3280
 K.C. C.F.
 5'60'6090''
 Rec 46' 0CM 30860il
 685 CO
 FP 60-146 151-424
 SEP 802-769

MUD
 8-9-47
 61 V/S



2# LCM

MUD
9.1 WT%
5% V/S
1 1/2 # LCM

MUD
9.3 WT%
5% V/S
1 # LCM

ATA

LS fexln - off wht - tan
good interpart - vuggy & good oil stain
sh = dark grey
sh + siltst - grey brn green - red

LS tan fexln fossil
chalky pyrite

sh + siltst - grey - brn - green
LS off wht - tan - fossil
fine interpart & siltst
sh + odor

LS ATA

LS off wht - tan fexln
crackly pyrite

LS off wht - tan fexln - white
good interpart & vuggy &
good salt s.e. good odor

LS off wht fexln poor interpart
siltst + good odor - chalky

sh Bk carb

LS tan fexln siltst + tan red odor
good interpart

LS tan - grey fexln

sh + siltst - grey - brn - red - green
LS off wht - grey fexln

80

90

3300

10

20

30

40

50

60

70

BXC 80

3385

1397

90

3400

