



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1254811
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: _____



1254811

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 List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
--	---

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

Form	ACO1 - Well Completion
Operator	Staab Oil Co., a General Partnership
Well Name	Staab Shutts 1
Doc ID	1254811

Tops

Name	Top	Datum
Anhydrite	1356	780
base	1391	749
Topeka	3081	-941
Heebner	3311	-1171
Toronto	3329	-1189
Lansing	3357	-1217
BKC	3695	-1455
Arbuckle	3617	-1477
TD	3700	-1562

GLOBAL CEMENTING, L.L.C.

1636

REMIT TO 18048 170RD
RUSSELL, KS 67665

SERVICE POINT:
RUSSELL, KS

DATE <u>4-9-15</u>	SEC. <u>5</u>	TWP. <u>12</u>	RANGE <u>17</u>	CALLED OUT	ON LOCATION <u>6:00 AM</u>	JOB START <u>8:30 AM</u>	JOB FINISH <u>9:00 AM</u>
LEASE <u>STABBS OIL</u>		WELL #. <u>1</u>	LOCATION		COUNTY <u>ELLIS</u>	STATE <u>KS</u>	
OLD OR NEW (CIRCLE ONE)							

CONTRACTOR SHERIDAN DRILLING
 TYPE OF JOB SPILLAGE
 HOLE SIZE 2 1/4 T.D. 212'
 CASING SIZE 3 1/2 DEPTH 209'
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 20'
 PERFS
 DISPLACEMENT 12 @ BBL

OWNER
 CEMENT AMOUNT ORDERED 150 SY COM
3 1/2 COM 2 1/2 OFF

EQUIPMENT
 PUMP TRUCK CEMENTER DREAD
 # 11 HELPER BILL 2011
 BULK TRUCK DRIVER JASON
 # 54
 BULK TRUCK DRIVER
 #

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

REMARKS:

Run a 5" well 8 1/2" casing - CR 2 1/4" ID -
DRILL UP TO 212' - MIX 150 SY - WASH UP +
DISPLACE WITH 12 @ H2O - SHUT WELLS 200 PSI -
CEMENT DO CIRCULATE

SERVICE

DEPTH OF JOB
 PUMP TRUCK CHARGE
 EXTRA FOOTAGE @
 MILEAGE @
 MANIFOLD @
 @
 @

TOTAL

PLUG & FLOAT EQUIPMENT

@
 @
 @
 @
 @

TOTAL

CHARGE TO: STABBS 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

SALES TAX (If Any)
 TOTAL CHARGES
 DISCOUNT IF PAID IN 30 DAYS

GLOBAL CEMENTING, L.L.C.

1640

REMIT TO 18048 170RD
RUSSELL, KS 67665

SERVICE POINT:

Russell, KS

DATE <u>4-15-15</u>	SEC. <u>5</u>	TWP. <u>128</u>	RANGE <u>17W</u>	CALLED OUT	ON LOCATION <u>1:30 AM</u>	JOB START <u>8 AM</u>	JOB FINISH <u>9 AM</u>
LEASE <u>18048 170RD</u>			WELL #.	LOCATION		COUNTY	STATE
OLD OR NEW (CIRCLE ONE)							

CONTRACTOR W. K. D. Sullivan

TYPE OF JOB DRY HOLE PLUG

HOLE SIZE 7 1/4 T.D.

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2" x 11' DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS _____

DISPLACEMENT _____

OWNER _____

CEMENT AMOUNT ORDERED 305 SX 60/40 P02

4% GFL 1 1/4 FLO 3.02

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

ASC _____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING _____ @ _____

MILEAGE _____ @ _____

EQUIPMENT

PUMP TRUCK CEMENTER Brian

11 HELPER Brian

BULK TRUCK DRIVER NATHAN

33

BULK TRUCK DRIVER _____

TOTAL _____

REMARKS:

12 - 3611' - 50 SX

2ND - 137' - 50 SX

3 - 710' - 100 SX

4th - 260' - 50 SX

5th - 40' - 100 SX - 1st - 305 SX - 2nd - 15 SX

CHARGE TO: STAFF OIL

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE _____ @ _____

MANIFOLD _____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

PLUG & FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

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.

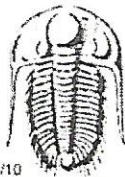
PRINTED NAME George Begler

SIGNATURE George Begler

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 61160

Well Name & No. Staab Shotts #1 Test No. 1 Date 4/13/15
 Company Staab Oil Co. Elevation 2140 KB 2135 GL
 Address 1607 Aspenell Rd. Hays, KS 67601
 Co. Rep / Geo. Janel Staab Rig Shields
 Location: Sec. 5 Twp. 12 S Rge. 17 W Co. E/115 State KS

Interval Tested 3376-3420 Zone Tested LKC "C+D"
 Anchor Length 44' Drill Pipe Run 2922 Mud Wt. 8.8
 Top Packer Depth 3371 Drill Collars Run --- Vis 53
 Bottom Packer Depth 3376 Wt. Pipe Run 465 WL 6.0
 Total Depth 3420 Chlorides 3800 ppm System LCM 3#

Blow Description IF - slowly built to 1/4"
ISI - No blow
FF - No blow pulled tool
FSI -

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>M</u>				
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

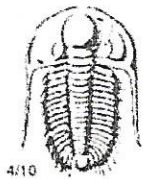
Rec Total 5' BHT 95° Gravity --- API RW ---@ --- F Chlorides --- ppm

(A) Initial Hydrostatic 1705 Test 1050 T-On Location 0450
 (B) First Initial Flow 31 Jars T-Started 0546
 (C) First Final Flow 32 Safety Joint T-Open 0422
 (D) Initial Shut-In 423 Circ Sub T-Pulled 1037
 (E) Second Initial Flow 33 Hourly Standby T-Out 1155
 (F) Second Final Flow 34 Mileage 36 RT 36 Comments _____
 (G) Final Shut-In --- Sampler _____
 (H) Final Hydrostatic 1666 Straddle _____
 Shale Packer _____
 Ruined Shale Packer _____

Initial Open 5 Extra Packer _____
 Initial Shut-In 60 Extra Recorder _____
 Final Flow 10 ↑ Day Standby _____
 Final Shut-In _____ Accessibility _____
 Sub Total 1086 MP/DST Disc't _____

Approved By: _____ Our Representative Branwan Lonsdale

TriLOBITE Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 61167

Well Name & No. Staab Shalts #1 Test No. 2 Date 4/14/15
 Company Staab Oil Co. Elevation 2140 KB 2135 GL
 Address 1607 Hornell Rd. Hays, KS 67601
 Co. Rep / Geo. Janel Staab Rig Shields
 Location: Sec. 5 Twp. 12 S Rge. 17 W Co. Ellis State KS

Interval Tested 3590 - 3635 Zone Tested Arbuckle
 Anchor Length 45' Tail 67' Drill Pipe Run 3176 Mud Wt. 9.5
 Top Packer Depth 3585 - 3590 Drill Collars Run --- Vis 55
 Bottom Packer Depth 3635 Wt. Pipe Run 403 WL 6.0
 Total Depth 3702 Chlorides 3,600 ppm System LCM 2#
 Blow Description RF - 2.5 inches steady build
ISI - No blow
FF - slowly built to 6"
FSI - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>30</u>	<u>MW</u>			<u>75</u>	<u>25</u>
<u>110</u>	<u>SOCM</u>		<u>10</u>		<u>90</u>
<u>15</u>	<u>SWMCO</u>		<u>50</u>	<u>10</u>	<u>40</u>

Rec Total 155' BHT 106° Gravity 35 API RW .36 @ 52° F Chlorides 35,200 ppm
 (A) Initial Hydrostatic 1822 Test 1050 T-On Location 1545
 (B) First Initial Flow 40 Jars --- T-Started 1614
 (C) First Final Flow 54 Safety Joint --- T-Open 1746
 (D) Initial Shut-In 422 Circ Sub --- T-Pulled 2119
 (E) Second Initial Flow 56 Hourly Standby --- T-Out 2258
 (F) Second Final Flow 101 Mileage 36 RT 36 Comments ---
 (G) Final Shut-In 337 Sampler ---
 (H) Final Hydrostatic 1791 Straddle 600 Ruined Shale Packer ---
 Shale Packer 250 Ruined Packer ---
 Extra Packer --- Extra Copies ---
 Extra Recorder --- Sub Total 0
 Day Standby --- Total 1936
 Accessibility --- MP/DST Disc't ---
 Sub Total 1936

Approved By _____ Our Representative Bannon Lonsdale

TriLOBITE Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

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 Staab Shutts
FIELD Bemis Shutts
LOCATION (legal) SE-NE-NW-SW ^{2300' FSL} 1190' FWL
Section 5 TWP 12S RGE 17W
(Map) 2 1/2 mi N of
Buckeye and Toulon Intersection
COUNTY Ellis STATE Kansas
ELEVATION: 2140 K.B. 2135 G.L.

Depths measured from Kelly Bushing

A. P. I. NUMBER 15-051-26775-00-00
GEOLOGY BY Janel Staab

PERTINENT WELL DATA

CONTRACTOR Shields Drilling Co. 5184

RIG 2 HYDRAULICS Beth 225 6x14x40

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

CASING: SURFACE 8 5/8 @ 212' w/150 SX Common

PRODUCTION 5 1/2 @ 3700' w/150 SX Common

DRILLING FLUID: COMPANY Mud-Co/Services Mud Inc

TYPE: Chemical

REMARKS: Full Service

DRILL STEM TESTS: COMPANY Trilobite Testing Inc

NUMBER OF TESTS 2

ELECTIC LOGS: COMPANY Pioneer Energy Services

DETAIL (5") 3000 - RTD

TYPE DI, Comp N-D, Micro

DRILLING TIME FROM 3000 TO 3700

SAMPLE TIME FROM 3050 TO 3700

SUPERVISION FROM 3050 TO 3700

VERTICAL DEVIATION .5" @ 221'

PLUGGING REPORT _____

RESERVE PIT _____

DRILL STEM TESTS

NO	INTERVAL	IFP/TIME	ISIP/TIME	FFP/TIME	FSIP/TIME	IHP/FHP	RECOVERY
1	3376-3420 LXCCF	31.32 5	423 60	33.34 10	- ↑	1704.52 1665.88	S mud
2	3590-3635 Arbuckle	40.54 5	422 60	56.101 60	337 90	1822- 1791	30' mw 110' SOCM 10% 15' SLOWCO S
3							
4							
5							
6							
7							
8							

MUD RECORD

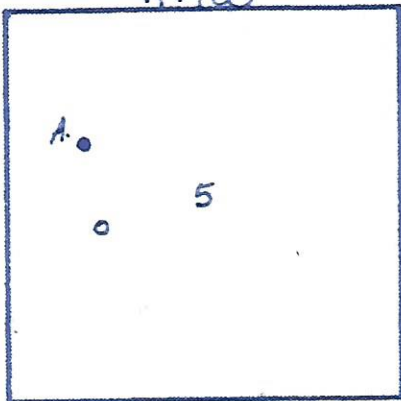
CHK	DEPTH	WT	VIS	FIL	CHL	YP	LCM
1	212	-					
2	1412	9.4	30	NC	28000	-	Nil
3	2565	9.0	27	NC	70000	-	Nil
4	3097	8.8	53	6.0	3800	21	3
5	3420	9.3	57	5.8	4100	31	2
6	3660	9.5	55	6.0	3600	29	2
7							
8							
9							
10							
11							

BIT RECORD

NO	SIZE	MAKE	TYPE	DEPTH	FEET	HOURS
1	12 1/4"	Reed	Mill Tooth	212'	212'	7
2	7 7/8"	Reed	S.52	3700'	3488'	89 1/4
3						
4						
5						

FORMATION TOPS & STRUCTURAL GEO

R17W



REFERRED TO:

- A: Oil Producers Inc
Clinton D #5
- B: _____
- C: _____
- D: _____
- E: _____

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

STRATIGRAPHIC MARKERS	SUBJECT WELL SAMPLE	E. LOG	DATUM	STRUCTURAL POSITION A	B	C
Anhydrite	1357	1356	+784	+780		
Base	1391	1391	+749	+746		
Tapoka	3080	3081	-941	-947		
Heebner	3312	3311	-1171	-1173		
Toronto	3331	3329	-1189	-1191		
Lansing	3356	3357	-1217	-1217		
BKC	3695	3695	-1455	-1454		
Arbuckle	3615	3617	-1477	-1475		
T.O.	3700	3702	-1562	-1557		

*Structural position of subject well as compared to refer

The Staab. Shuttis was drilled using Shie
 Location was Sec 5 T12 R17 in Ellis Co
 on April 8, 2015 and reaching TD on Ap
 3-D Seismic indicated a struct
 compared to dry holes near location

Oil shows were encountered st
 with a trace in the Plattsmith the Toro
 and the LKC C.D. G. and good shows in t
 Arbuckle. 2 DST's were ran with both
 in negative results Logs were ran.

Due to negative results from DST
 well was P+A.

Jan Saal

1
D E

ds #2.

Starting

11.14.2015

atural high

acting

nto

he

resulting

the

REMARKS

LITHOLOGY (LAGGED)

φ & SHOWS
POOR
FAIR
GOOD
DST

DRILLING TIME (min/ft)
1/2 1 2 3 4 5 6 7 8 9 10

KB 210

1350

Anh top

1357 60

1783

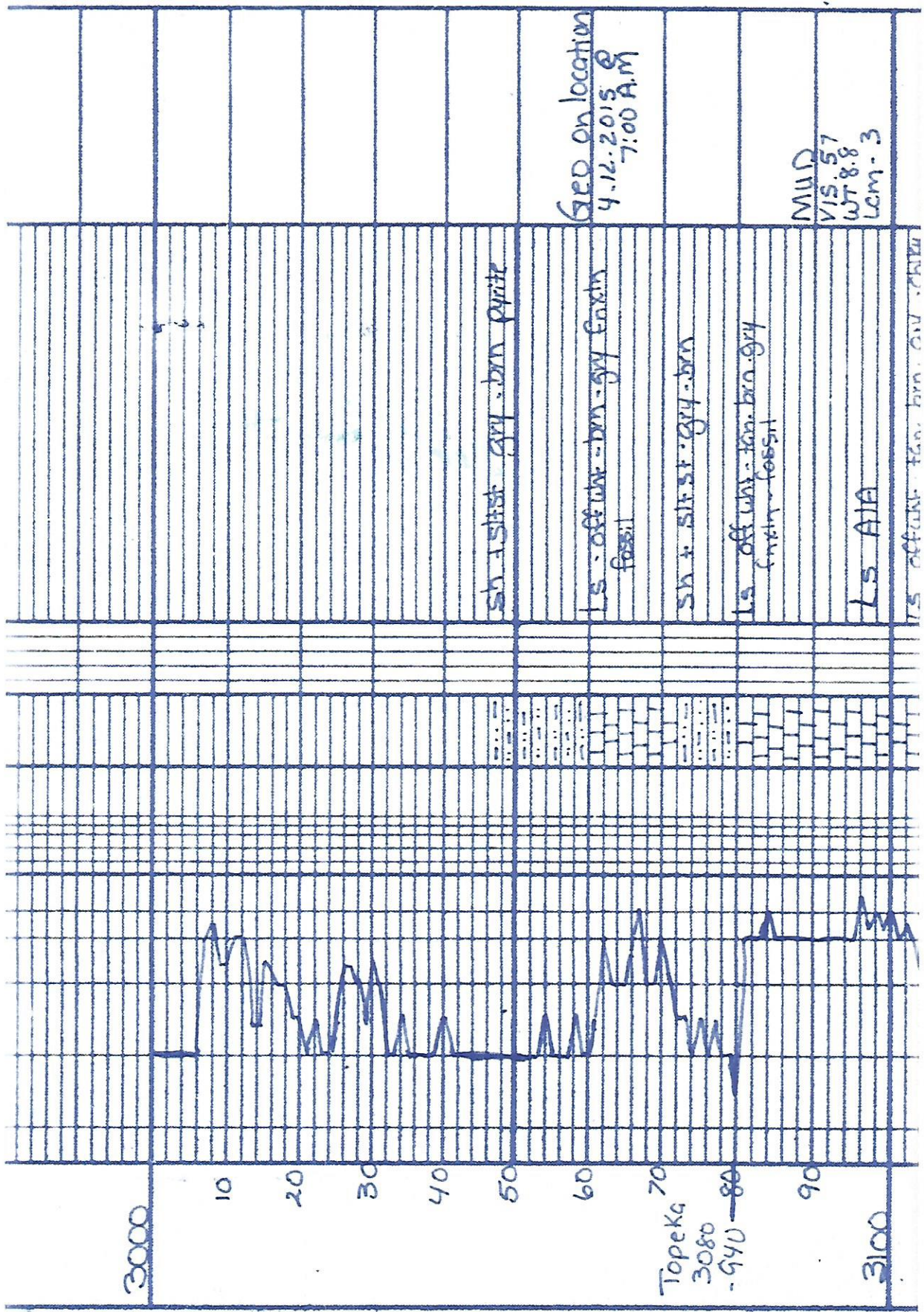
70

80

Base 90

1391

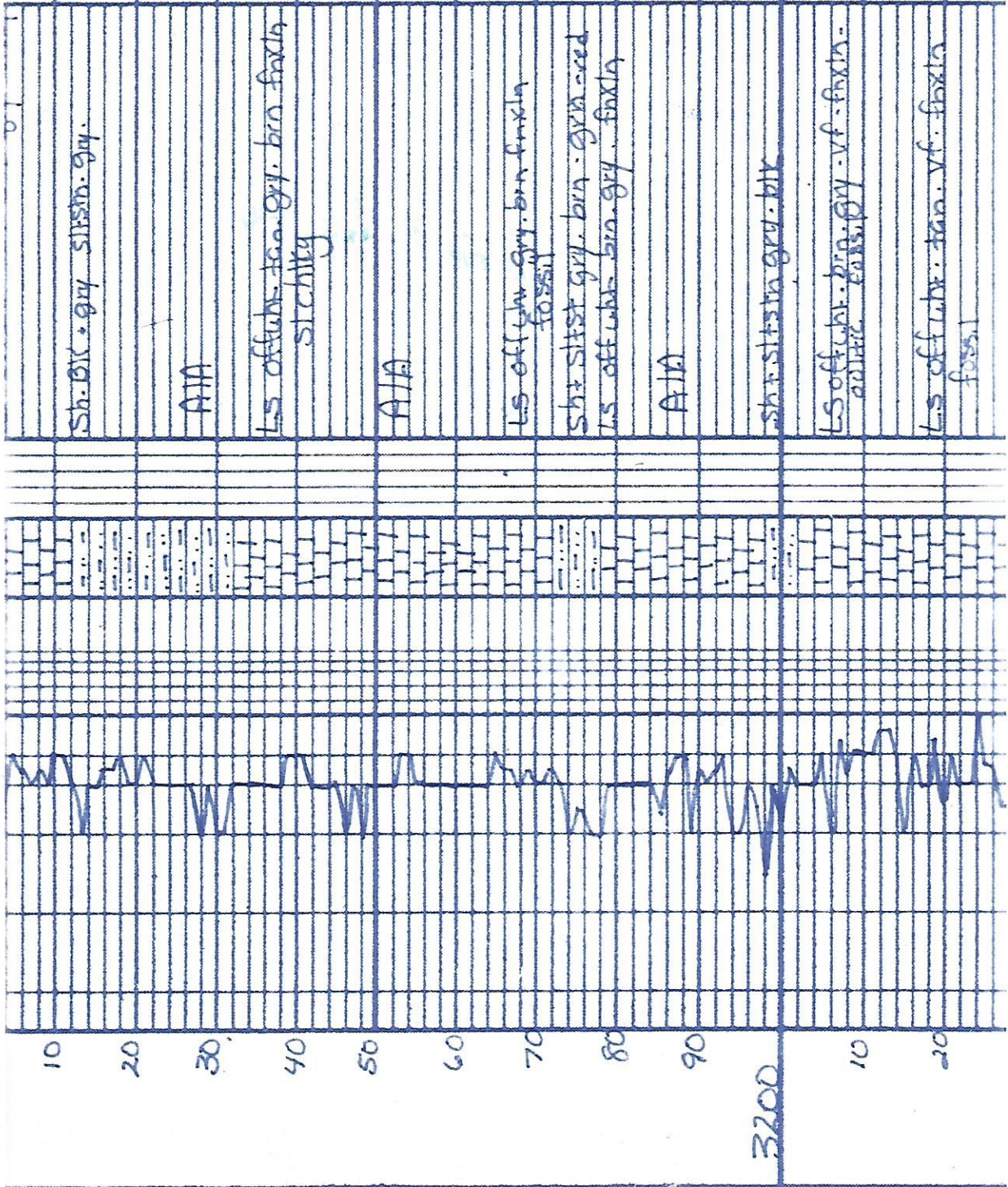
1749



Geo on location
4.12.2015 @
7:00 A.M

MUD
VIS. 57
WT 8.8
LEM. 3

Ls. off wh. - tan. brn. gry. fossils



Sh. blk. + gray siltstn. + gray.

AIA

L.S. off-white to tan. gray. brn. fuxln. stichitgy

AIA

L.S. off-white to gray. brn. fuxln. fossil

Sh. + siltst. gray. brn. gray. ored.

L.S. off-white to brn. gray. fuxln.

AIA

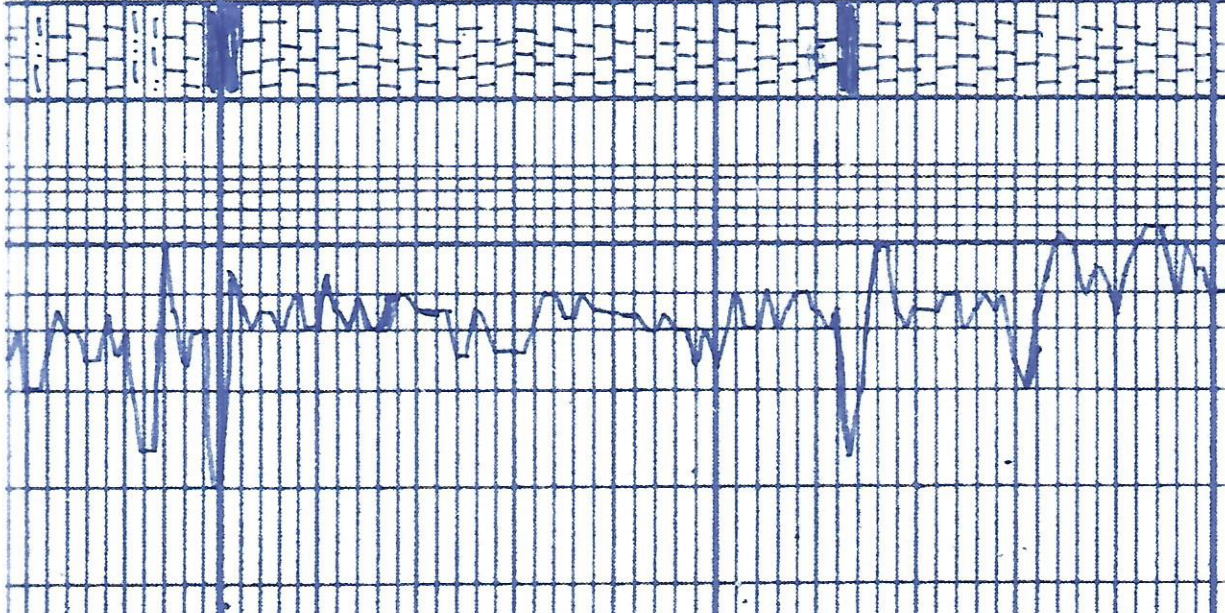
Sh. + siltstn. gray. blk.

L.S. off-white to brn. gray. vf. fuxln. fossil

L.S. off-white to tan. vf. fuxln. fossil

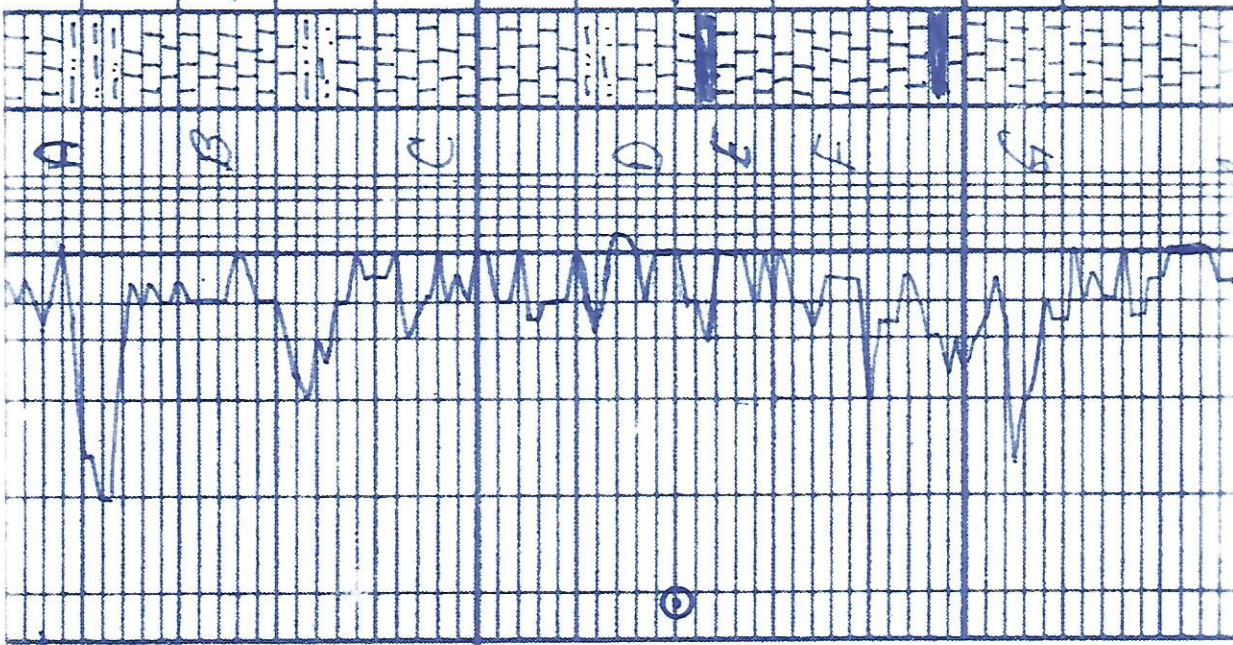
10 20 30 40 50 60 70 80 90 3200 10 20

80
40
60
70
80
90
3300
Heebner
3312 10
-1172
20
Toronto
3331
-1191
30
40
50
LKC



sh. st. st. grey. brn. red
LS off wht. tan. brn foxin
fossil stichley p/rite
wh. st. st. grey. brn. red
sh. BIK fossil
LS off wht. grey foxin chitky
LS off wht. tan. foxin - chitky
v. grey. fossil. sil. sh. oil. stain
no odor
LS off wht. tan. foxin - chitky
A/A LS off wht. tan. foxin. oil. brn
pear. & no odor. sil. stain
A/A
LS off wht. - foxin.
sh. BIK carb. fissile
LS off wht. tan. foxin sil. odor
LS off wht. tan. foxin stichley
sil. stain. oil. stain when crushed
good odor
LS off wht. grey. oil. stained
pear. infusorial. & no odor
LS off wht. A/A

3354
-1216



Sh. silty - gray, tan, red green
fossil

LS off white - tan fine to med

LS off white - fine to med good odor
sh. silty - gray, tan, green

LS off white - fine to med. fossil
fair - good interpart. - vug & good
odor. S.T.O. and saturation

LS off white - fine to med. fossil
interpart. & good odor. good saturation
fluorescent. vug out

sh. silty - gray - tan

LS off white - fine to med. fossil
interpart. & silt odor. silt stain

LS off white - tan - gray. fossil
odor. silty. no odor

LS off white - tan - gray. fossil
odor. silty. no odor. fluorescent when
brushed

LS off white - gray. fine to med. fossil
pale interpart. & silt stain. no odor
silt stain

LS off white - tan. fine to med. fossil
fair interpart. - vug & silt stain
silt odor

LS off white - tan. fine to med. fossil

MUD
WT 9.3
V/S 5.3
Lam. 2

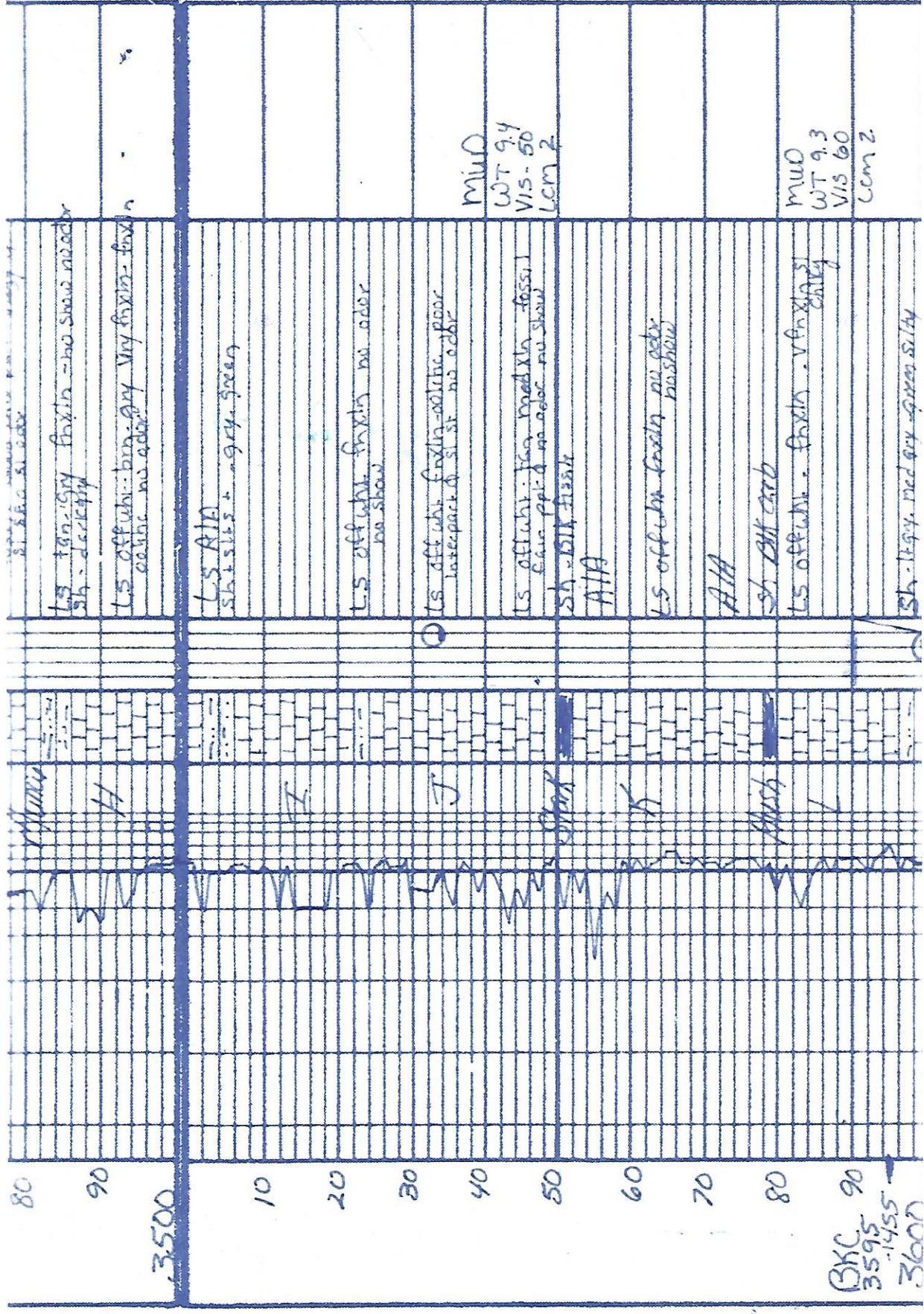
DST #1
3376-3420

Lens C-D
5-60 ~10 ->

FP 31.32 33-39

SIP 423

Rec 5' mud



80
90
3500

LS tan-grey
sh - dk grey
fract - no show noddy

LS off white
sh - dk grey
fract - no show noddy

LS ATA
sh - dk grey
fract - no show noddy

LS off white
sh - dk grey
fract - no show noddy

LS off white
sh - dk grey
fract - no show noddy

LS off white
sh - dk grey
fract - no show noddy

LS off white
sh - dk grey
fract - no show noddy

LS off white
sh - dk grey
fract - no show noddy

LS off white
sh - dk grey
fract - no show noddy

LS off white
sh - dk grey
fract - no show noddy

LS off white
sh - dk grey
fract - no show noddy

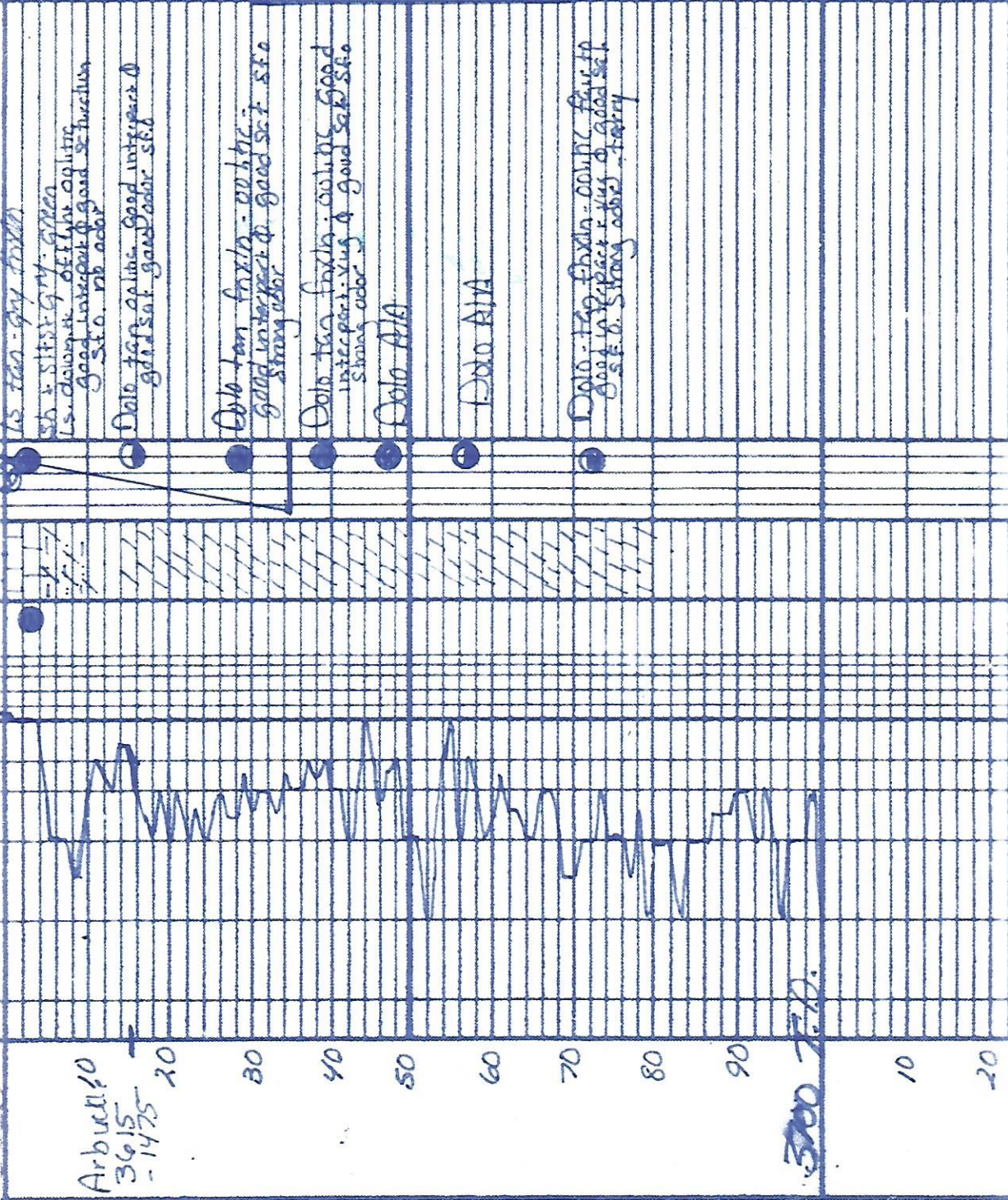
MUD
WT 9.4
VIS 50
LCM 2

MUD
WT 9.3
VIS 60
LCM 2

BXC 3595
-1455
3600

Mud
WT 9.4
Vis 56
temp 2

UST #2
3590-3635
Arbutot
5-60-60-90
Rec. 30' MW
110' SOCM
10% 0.1
15' SW MCO
50% 0.1
FP 40.54 56.101
S.I.P 422-537



Arbutot
3615
- 1475

500
7.70