



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1238465  
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: \_\_\_\_\_



1238465

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)* \_\_\_\_\_

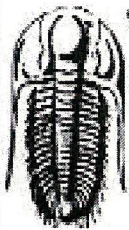
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Staab Oil Co., a General Partnership
Well Name	Hayes 1
Doc ID	1238465

Tops

Name	Top	Datum
Anhydrite	1370	595
Base	1403	562
Topeka	2898	-933
Heebner	3103	-1137
Toronto	3125	-1160
Lansing	3143	-1178
BKC	3365	-1400
Arbuckle	3420	-1455
T.D.	3479	-1514



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Staab Oil Co  
1607 Hopewell Rd  
Hays KS 67601-9443

**6-8s-18w Rooks,KS**

**Hayes #1**

Job Ticket: 60878

**DST#: 1**

ATTN: Frank Staab, Janel

Test Start: 2014.09.13 @ 15:50:52

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.36 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3200.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	280'GIP	0.000
20.00	O&GCM 20%G20%O60%M	0.142
62.00	HO&GCM 20%G30%O50%M	0.439
62.00	HO&GCM 20%G40%O40%M	0.439

Total Length: 144.00 ft      Total Volume: 1.020 bbl

Num Fluid Samples: 0

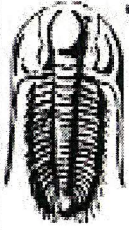
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Staab Oil Co  
1607 Hopewell Rd  
Hays KS 67601-9443

**6-8s-18w Rooks,KS**

**Hayes #1**

Job Ticket: 60879

**DST#: 2**

ATTN: Frank Staab, Janel

Test Start: 2014.09.14 @ 10:35:46

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	50000 ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.57 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3100.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	MW 20%M80%W w/show of oil	0.637
180.00	MW 10%M90%W	1.275

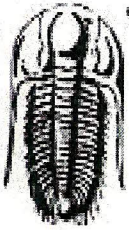
Total Length: 270.00 ft      Total Volume: 1.912 bbl

Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments: slid tool 5' to bottom  
RW .14@75F





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Staab Oil Co

**6-8s-18w Rooks, KS**

1607 Hopewell Rd  
Hays KS 67601-9443

**Hayes #1**

Job Ticket: 60881

**DST#: 4**

ATTN: Frank Staab, Janel

Test Start: 2014.09.16 @ 07:50:55

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.97 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	745'GIP	0.000
186.00	GMO 30%G10%M60%O	1.317
680.00	CO	7.816

Total Length: 866.00 ft

Total Volume: 9.133 bbl

*9.133*

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







**CONSOLIDATED**  
Oil Well Services, LLC

TICKET NUMBER 46555

LOCATION Oakley, KS

FOREMAN Kelly Gabel

Walt Dinkel

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-17-14	7732	Hayes #1	6	8	18	ROCK
CUSTOMER STAAB Oil			Stackman 5 to order W to order 3 1/2 N W into			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY			231	Jeremy		
STATE			397	Shane		
ZIP CODE			530	Lance		
				LARRY		

JOB TYPE Prod-DV HOLE SIZE 7 7/8 HOLE DEPTH 3480 CASING SIZE & WEIGHT 5 1/2 15.5#  
 CASING DEPTH 3469 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 41.10'  
 DISPLACEMENT 8 1/2, 33 1/2 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting, rigged up on shields drilling  
 ran pipe to bottom, circulated for 2 hrs, pumped mud  
 flush 5 bbl water, mixed 150 sks class A cement + 2 bags  
 washed up displaced plug with 50 bbl water 31 bbl mud  
 600# lift + plug landed @ 1300#, dropped DV bomb, opened  
 tool @ 900# mixed 300 sks R H, mixed 320 sks down center  
 closed out pumps, displaced plug with 3 3/2 bbl water  
 lift + 500# plug landed @ 1500# released pressure of br + held  
 cement did circulate

Thank You Walt, Kelly + crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401P	1	PUMP CHARGE	3175 <sup>00</sup>	3175 <sup>00</sup>
5406	50	MILEAGE	5.35	262.50
5407A	22.1 ton	Ton Mileage delivery	1.25	1939.00
11045	150 sks	Class A cement	18.55	2782.50
1107	88#	Floesol	2.97	261.36
1111	717	Salt	.50	358.50
1118B	2408#	gel	.27	650.16
1131	350 sks	60/40 Paz	15.86	5551.00
1144G	500 gal	mud flush	1.00	500.00
4104	2	5 1/2 baskets	290.00	580.00
4130	12	5 1/2 Centralizers	61.00	732.00
4159	1	5 1/2 AF4 Flat shoe	433.75	433.75
4283	1	5 1/2 DV tool/watchdown	4042.50	4042.50
4310	1	Rotating Head charge	200.00	200.00
		Subtotal		21,463.21
		Loss 10.90		2146.33
		Subtotal		19,316.91
		SALES TAX		
		ESTIMATED TOTAL		

Ravin 3737

AUTHORIZATION Staab Oil Co. TITLE \_\_\_\_\_ DATE \_\_\_\_\_

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

**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 Hayes #1  
FIELD Wildcat  
LOCATION (legal) SW NW SE SE 840' FSL 1063' FEL  
Section 6 TWP 8S RGE 18W  
(Map) 4 miles S + 4 miles W of Stockton KS  
COUNTY Rooks STATE Kansas  
ELEVATION: 1965 K.B. 1960 G.L.

Depths measured from Kelly Bushing

A. P. I. NUMBER 15-163-24251  
GEOLOGY BY Janel Staab

PERTINENT WELL DATA

CONTRACTOR Shields Drilling Co. (5184)

RIG #2 HYDRAULICS Bath 225 6x14x6

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

CASING: SURFACE 8 5/8" @ 218' w/ 150 SX comm

PRODUCTION 5 1/2" @ 3478" w/ 150 SX comm

DRILLING FLUID: COMPANY Mud-Co / Service Mud Inc  
Dr in Ann w/ 350 SX

TYPE: Chemical  
Gary Schmidtberg  
Tyler Lang

REMARKS: Full Service

DRILL STEM TESTS: COMPANY Trilobite Testing Inc.

NUMBER OF TESTS 4 Ray Schwager

ELECTIC LOGS: COMPANY Pioneer Energy Services

DETAIL (5") 2800 - RTD

TYPE DI. Comp N-D, Micro

DRILLING TIME FROM 2850 TO RTD

SAMPLE TIME FROM 2910 TO RTD

SUPERVISION FROM 2910 TO RTD

VERTICAL DEVIATION 1/2" @ 218', 3/4" @ 3165'

PLUGGING REPORT 30 SX Rat, 15 SX Mouse

RESERVE PIT \_\_\_\_\_



# DRILL STEM TESTS

NO	INTERVAL	IFP/TIME	ISIP/TIME	FFP/TIME	FSIP/TIME	IHP/FHP	RECOVERY
1	Top Tor LKCA 3075- 3165	22# 35# 5"	1106# 60"	27# 35# 60"	1088# 90"	1467# 1447#	280' GIP 20' 0 + 6cm 20% G 62' 40 + 6cm 20% G 62' 40 + 6cm 20% G
2	LKCEFG 3211- 3257	36# 49# 5"	1208# 60"	41# 51# 60"	1175# 90"	1541# 1515#	90' mw w/ Show 80% 180' mw 90% w
3	LKCKH 3328- 3370	26# 27# 5"	1223# 60"	24# 31# 30"	1024# 30"	1601 1559	rec 10' mud
4	Simpson Arbuckle 3387- 3427	53# 103# 5"	1190# 60"	130# 344# 60"	1167# 90"	1634# 1591#	745' GIP 680' CO 186' Gmo 30% G
5							
6							
7							
8							

## MUD RECORD

CHK	DEPTH	WT	VIS	FIL	CHL	YP
1	2856'					
2	2921	88	85			
3	3053	89	58			
4	3094	88	60			
5	3162	88	60			
6	3175	88	50			
7	3220	90	48			
8						
9	3257	90	54			
10	3370	91	55			
11	3387	89	53			

Displaced  
LCM 3#  
LCM 3#  
LCM 2#  
LCM 2#  
LCM 2#  
LCM 2#  
LCM 2#  
LCM 1#  
Trace

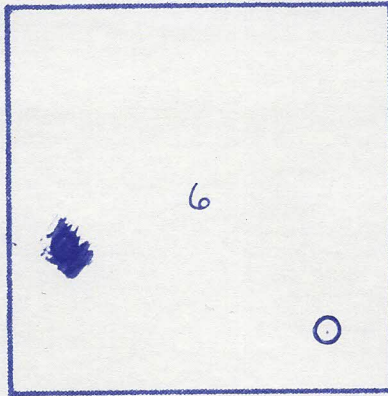
## BIT RECORD

NO	SIZE	MAKE	TYPE	DEPTH	FEET	HOURS
1	1 1/4"	Reed	Mill tooth	218'	218'	5
2	7/8"	Reed	S-52	3480	3262	84
3						
4						

# FORMATION TOPS & STRUCTURAL GEO

REFERRED TO:

- A: Hinkle, Apex, Etad  
Veverka No #1
- B: \_\_\_\_\_
- C: \_\_\_\_\_
- D: \_\_\_\_\_
- E: \_\_\_\_\_



sec 8

STRATIGRAPHIC MARKERS	SUBJECT WELL		STRUCTURAL POSITION			
	SAMPLE	E. LOG	DATUM	A	B	C
Anhydrite	1373'	1370'	+595			
Base	1403'	1403'	+562			
Tupeka	2901'	<del>2998'</del>	-933	-942		
Heeb Sh	3106'	3103'	-1137	-1150		
Toronto	3128'	3125'	-1160	-1175		
Lansing	3146'	3143'	-1178	-1192		
Bkc	3366'	3365'	-1400	-1398		
Arbuckle	3420'	3420'	-1455	-1468		
TD	3480'	3479'	-1514	-1499		

Pipe strap 1.74' Short

\*Structural position of subject well as compared to refer

5 6 7

as 20% oil  
30% oil  
40% oil  
of oil  
water  
ader

as 60% oil

The Hayes #1 in Rooks Co was drilled starting September 9 2014 and reached September 16 2014 using Shields Drill rig #2

3-D seismic survey indicated a high compared to dryholes near local. Oil shows were encountered starting the lower Topeka thru the Arbuckle. Logs were run with DST1+4 having positive logs were run and supported sample for reinforced DST

Recommend setting production pipe on the Arbuckle, Simpson Dolomite, LKC and Topeka

*Janet Saal*

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D E

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REMARKS

LITHOLOGY (LAGGED)

& SHOWS  
 POOR  
 FAIR  
 GOOD  
 DST

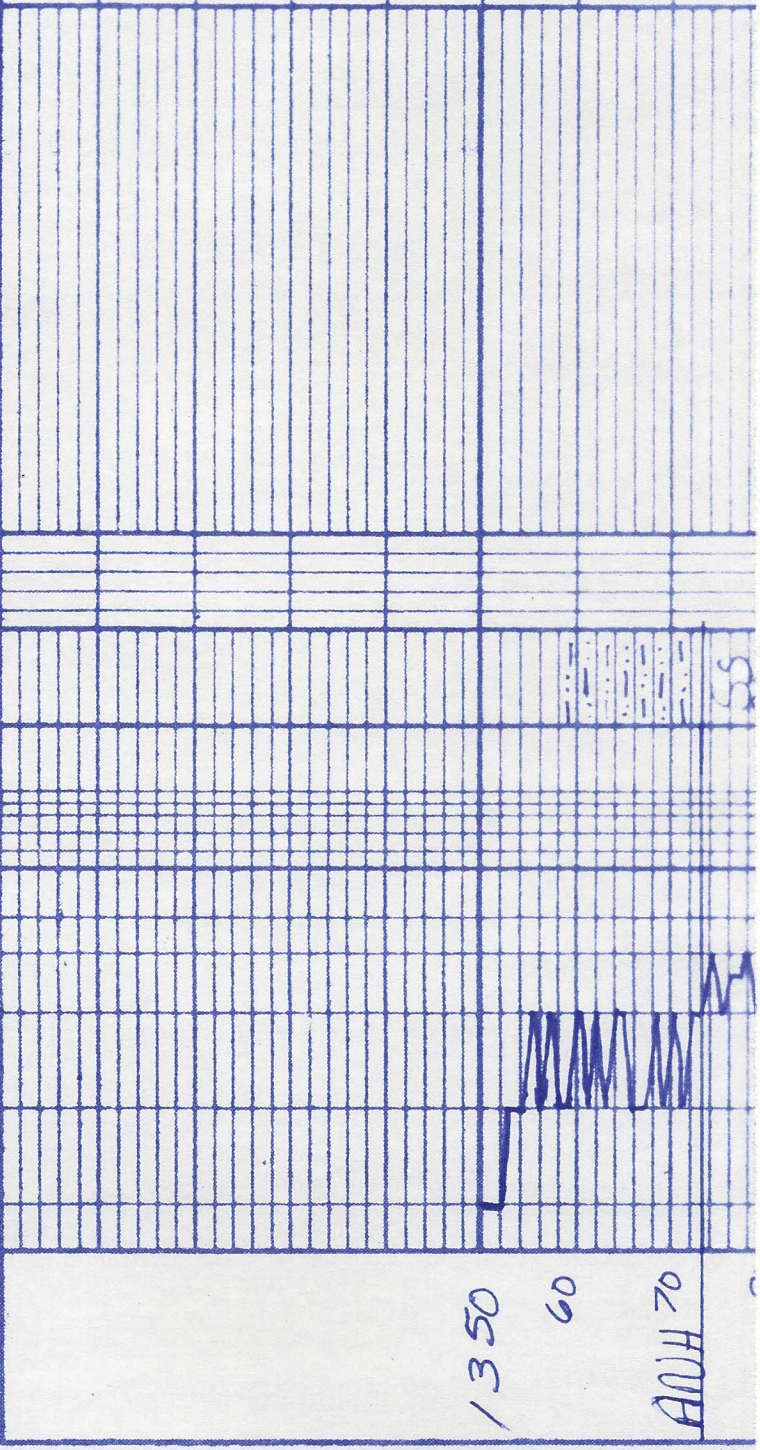
DRILLING TIME (min/ft)

1/2 1 2 3 4 5 6 7 8 9 10

1350

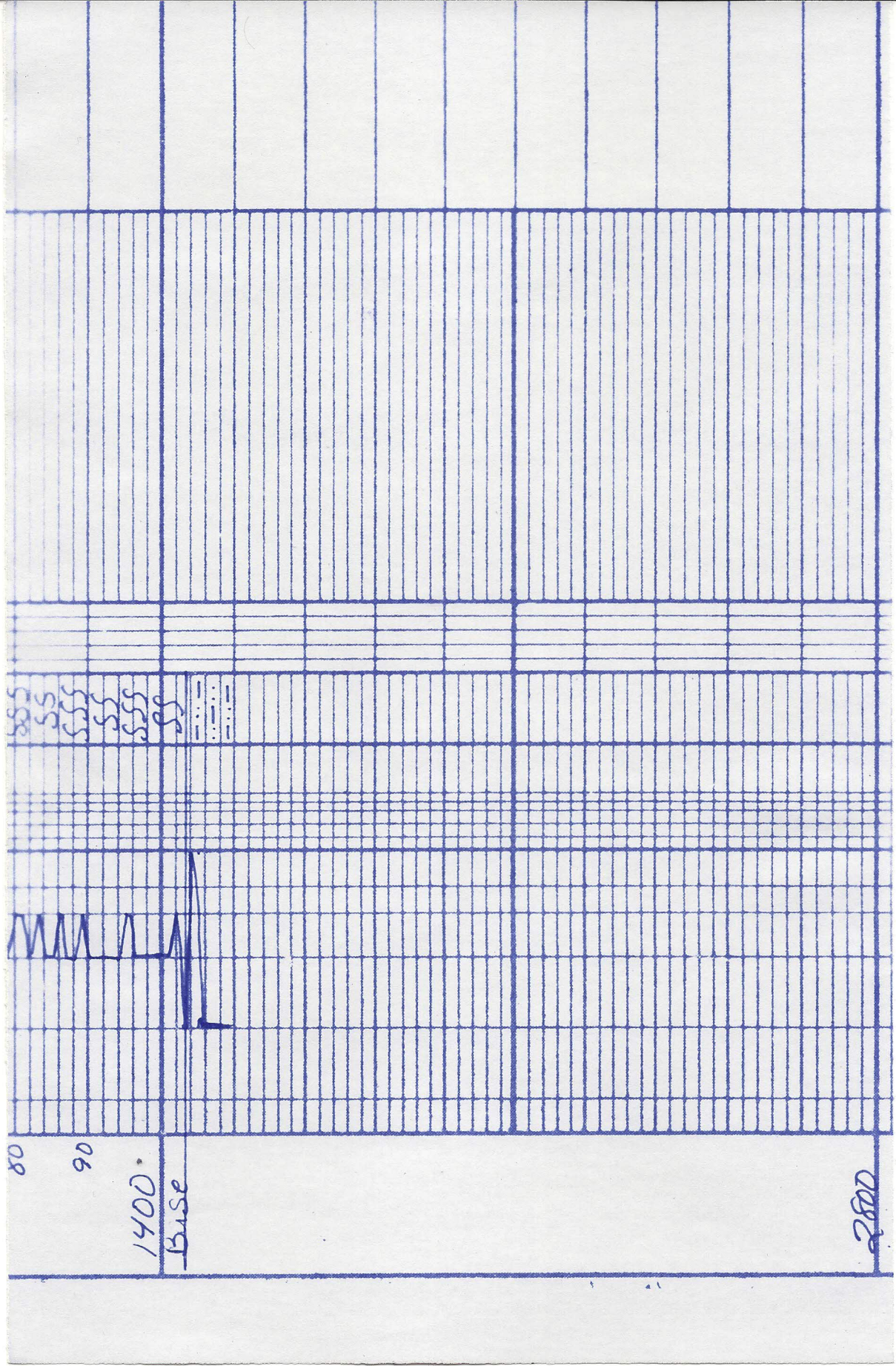
60

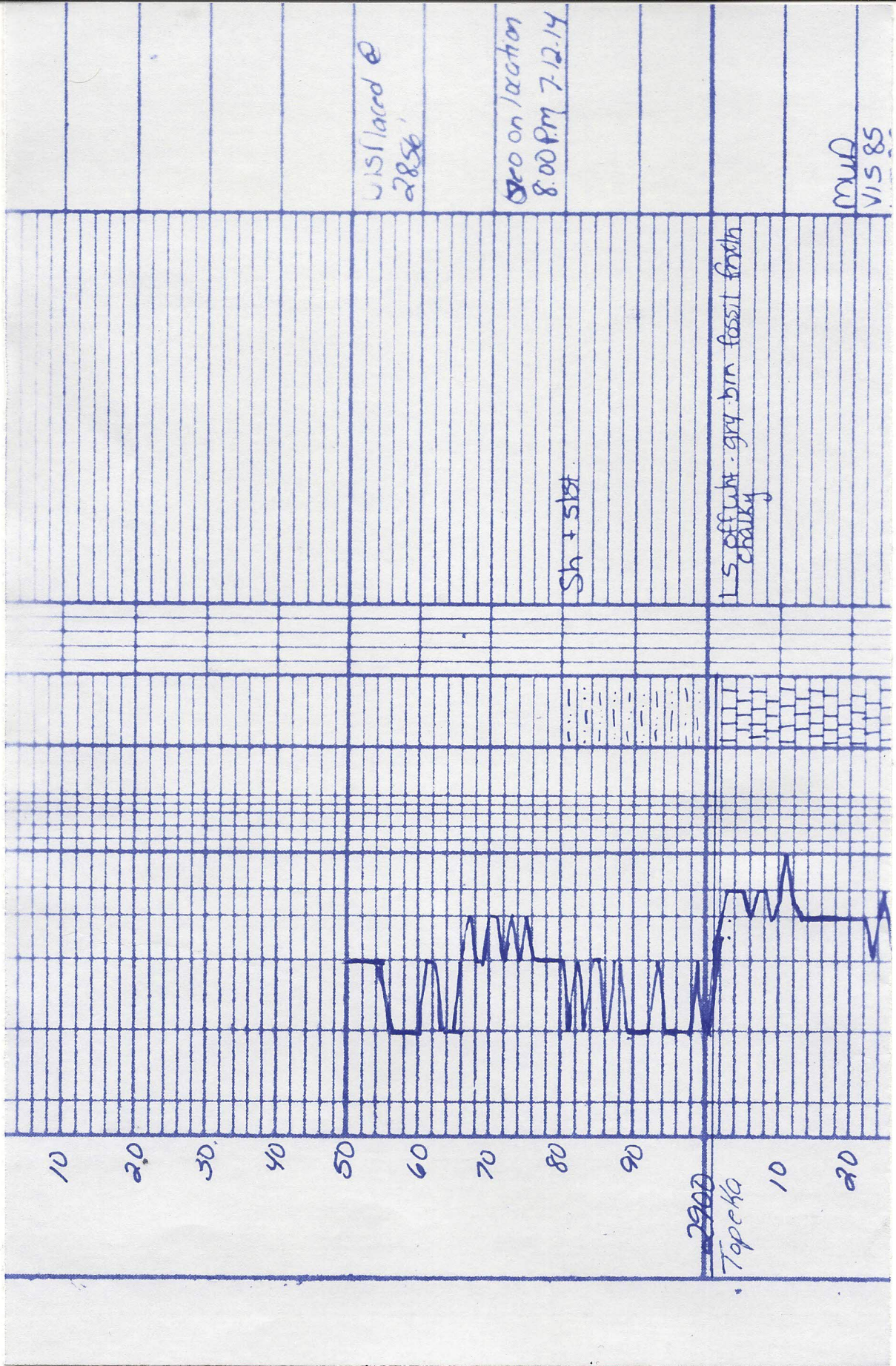
APR 70



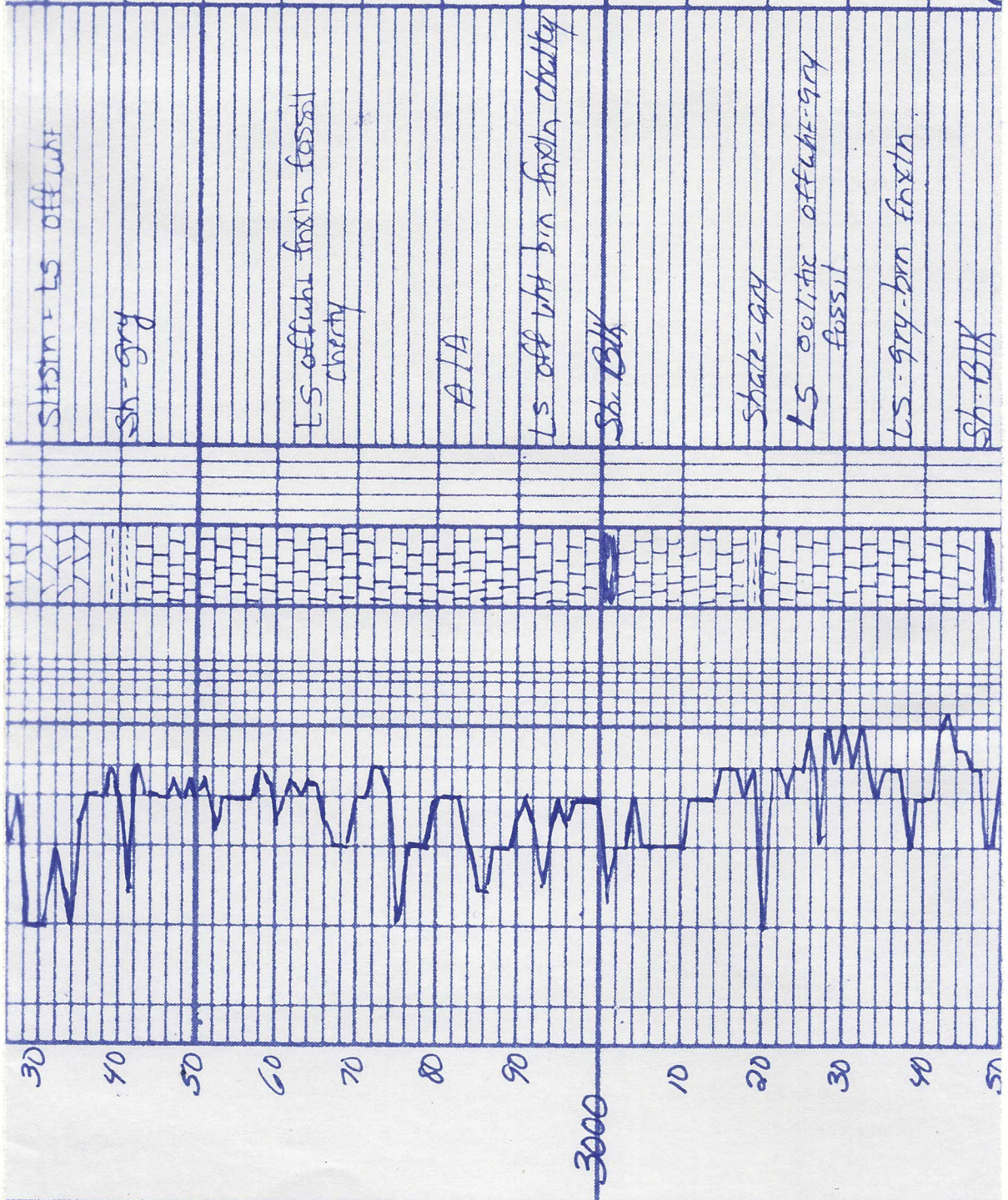
WILLSON





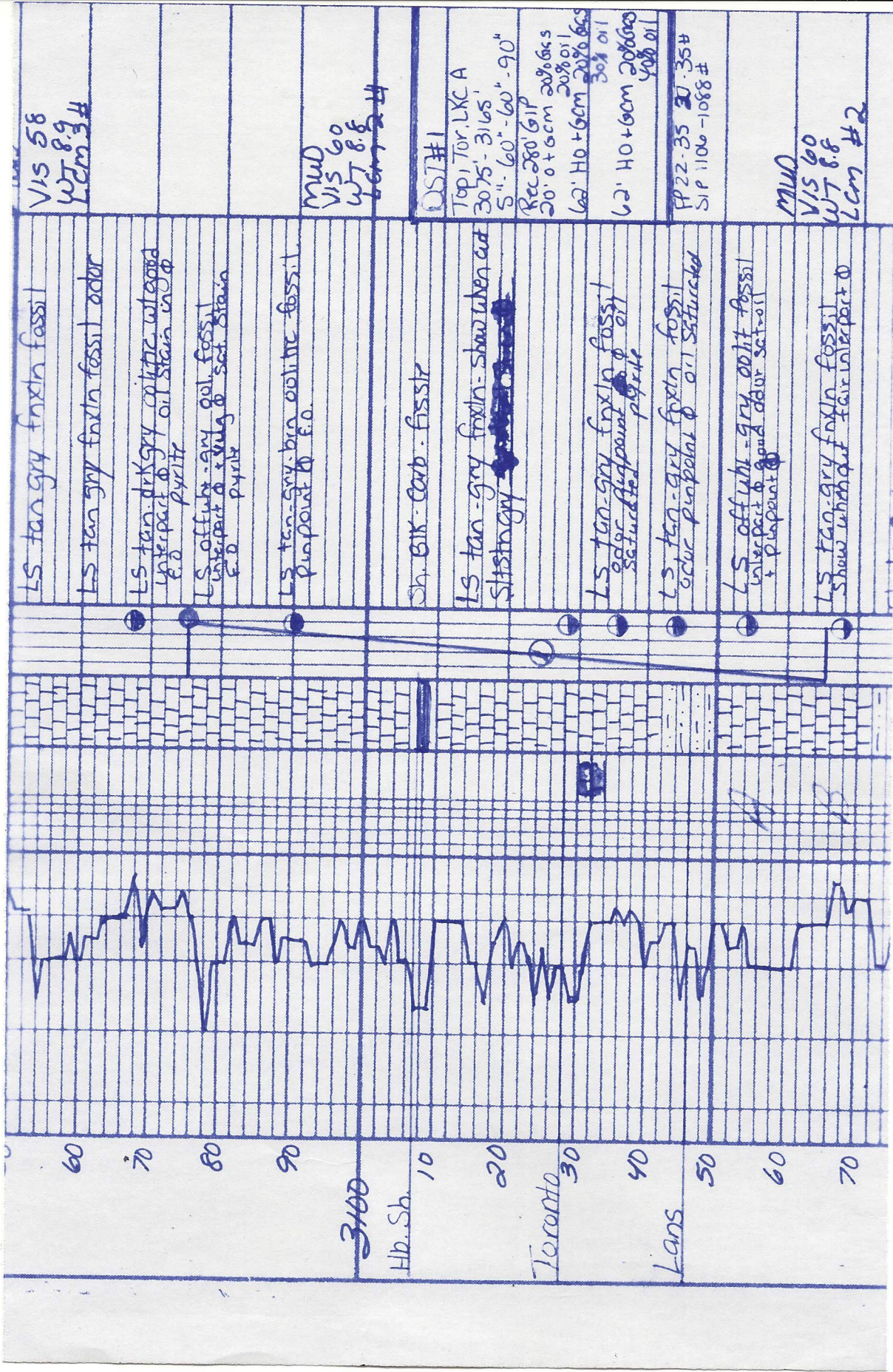


WT 8  
LCM 3  
#



# E 107  
WT 8  
LCM 3  
#

WT 8  
LCM 3  
#



LS tan gry finln fossil

LS tan gry finln fossil odor

LS tan drk gry calcitic, w/ good interpart of stain in @ pyrite

LS off wht - gry calc. fossil interpart of stain in @ pyrite

LS tan - gry. brn calcitic fossil. Pimpout of f.o.

Sh. Blk. Carb. fissile

LS tan - gry finln - show when cut  
Stitstragry

LS tan - gry finln fossil odor. Pimpout of oil saturated pyrite

LS tan - gry finln fossil odor. Pimpout of oil saturated

LS off wht - gry calc. fossil interpart of stain in @ pyrite

LS tan - gry finln fossil. Show when cut fair interpart of

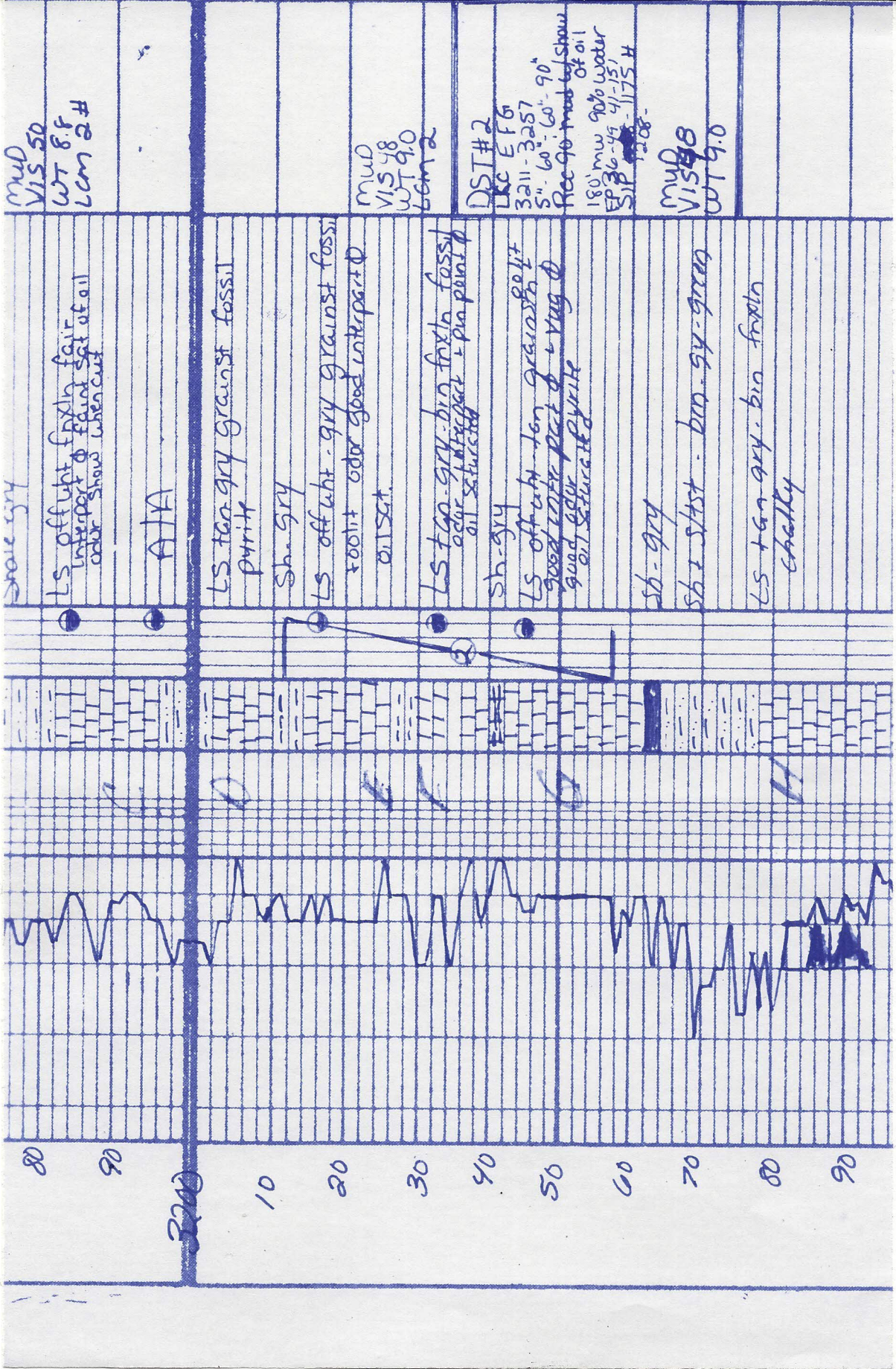
VIS 58  
WT 8.9  
Lcm #1

MUD  
VIS 60  
WT 8.8  
Lcm #2

OST #1  
Top 100' LXC A  
3075 - 3165'  
5" - 60" - 60" - 90"  
Rec 280' GIP  
20' of 6cm 20% gas  
62' HO + 6cm 20% gas  
62' HO + 6cm 20% gas  
30% oil  
40% oil

FP 22-35 20.35#  
SIP 1106 - 1088#

MUD  
VIS 60  
WT 8.8  
Lcm #2



Mud  
VIS 50  
WT 8.8  
LCM 2.4

Mud  
VIS 48  
WT 9.0  
LCM 2

DST #2  
LKC EFG  
311-3257  
5" 60" 60" 90"  
Rec 90' mud cut show  
180' mw 90% water  
EP 36-49 41-15'  
SIP 1175 H  
1208-

Mud  
VIS 48  
WT 9.0

LS off wht. frxth fair  
interpart of frxth sat at oil  
odor show when cut

ATA

LS tan gry graunst fossil  
pyrite

Sh. gry

LS off wht. - gry graunst fossil  
rootit odor good interpart  
oil sat.

LS tan gry - bin frxth fossil  
odor interpart - pin point  
oil saturated

sh. gry

LS off wht. - tan graunst  
good color part of - very  
good color pyrite  
oil saturated

sh. gry

sh. satst - bin gry - green

LS tan gry - bin frxth  
cherty

MUD  
 V1553  
 WT 8.9  
 LCM 1#

OST #3 LK 14L  
 3326-3370  
 S: 60" - 60" - 90"

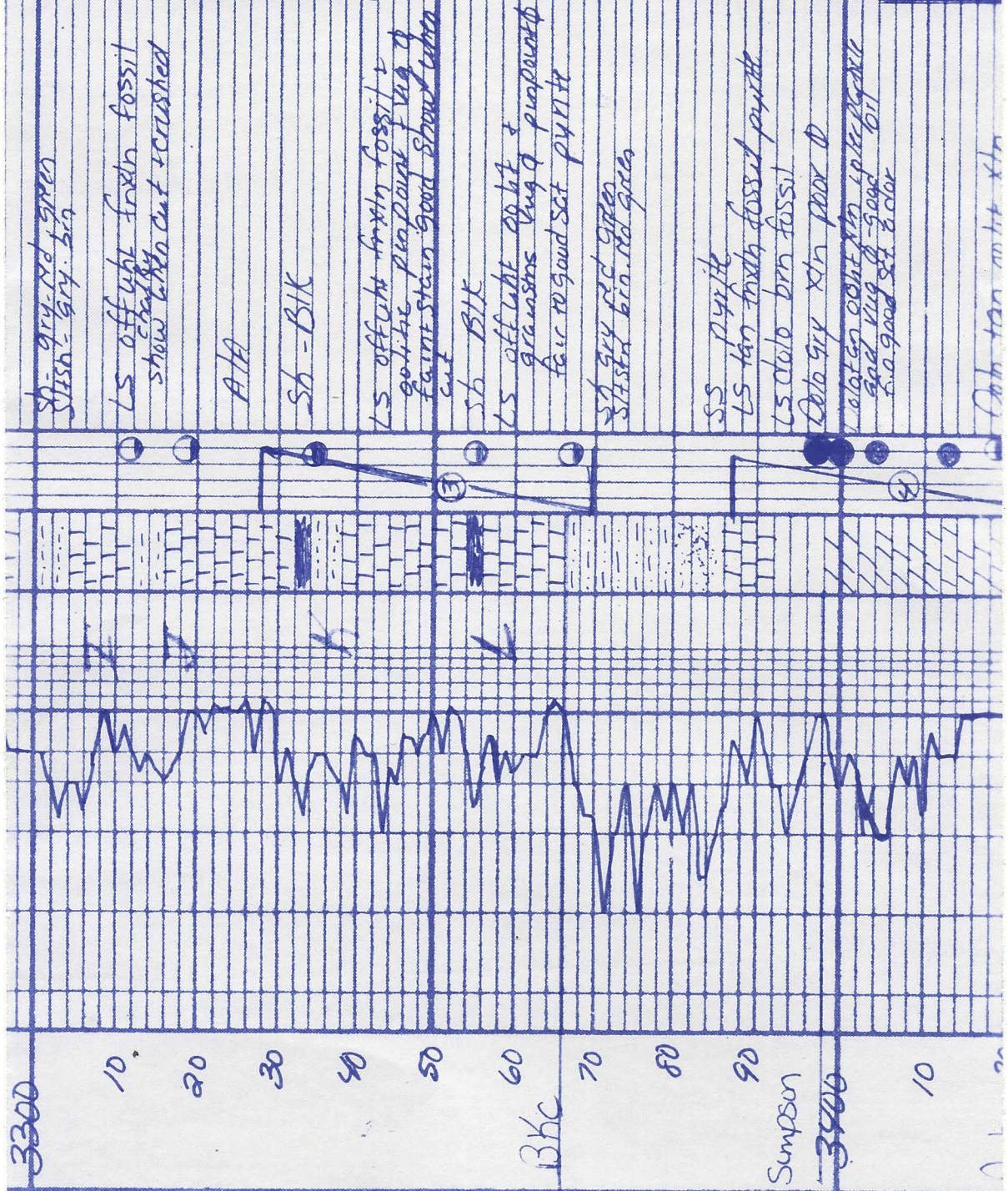
REC 10' mud  
 FP 26.27 24.31#  
 SIP 1223-1024#

MUD  
 V1553  
 WT 8.9  
 LCM #

MUD  
 V1553  
 WT 8.9

MUD  
 V1553  
 WT 8.9

OST #4 Arb  
 3387-3427  
 REC 745 GIP  
 680 CO



3300

10

20

30

40

50

60

70

80

90

Simpson

3500

10

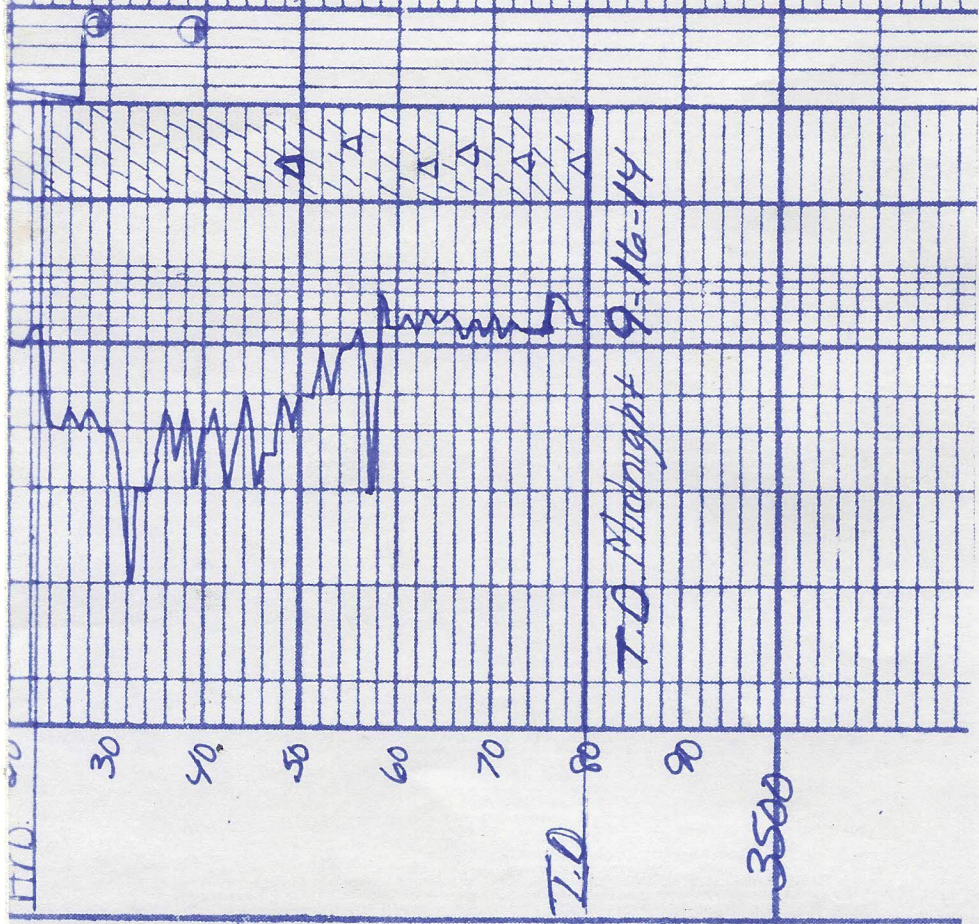
180 6990 50963  
60900.1  
100 mud  
FP 53-103 130-344  
SIP 1190-1167

Contactor hole + veg of good  
fine soil fair soil  
Dob. 160 good x/b  
interact. veg of good  
fair soil weather  
at 50' been red grey green

Dob off soil good x/b  
Barren

MUD  
VIS 52  
WT 9.1

MUD  
VIS 50  
WT 9.1  
LCM 1#



T.O. Midnight 9-16-14

T.D.

3500

H.D.