

Randall Kilian Corporation

Geologist



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GEOLOGIST'S WELL REPORT

COMPANY STAAB OIL CO. (6037)

WELL Feedlot Frank #1

FIELD Wildcat

LOCATION (legal) Ap. NE SE NW SE

(footages) 1780' ESL & 1345' FEL

Section 2 TWP 13S RGE 19W

(Map) 3 mi N & 4½ mi W of I-70 Hays Exit

COUNTY Ellis STATE Kansas

ELEVATION: 2131' K.B., 2126' G.L.

Depths measured from Kelly Bushing

A. P. I. NUMBER 15-051-26695

GEOLOGY BY Randall Kilian

PERTINENT WELL DATA

CONTRACTOR Shields Oil Producers

RIG #2 HYDRAULICS Beth 225 6x14x58
(George Begler TP)

DRILL PIPE 4½" X-H COLLARS 6¼" 8 (286')

CASING: SURFACE 8 5/8" @ 209' w/ 150 sx Common

PRODUCTION _____

DRILLING FLUID. COMPANY Mud-Co/Service Mud Inc.

TYPE: Chemical

REMARKS: Full service

DRILL STEM TESTS: COMPANY Trilobite Testing Inc.
(Phillip Gage)

NUMBER OF TESTS One (1)

ELECTIC LOGS: COMPANY Pioneer Energy Service

DETAIL (5") 3000' - RTD

TYPE RAG

DRILLING TIME FROM 3000' TO RTD

SAMPLE TIME FROM 3100' TO RTD

SUPERVISION FROM 3100' TO RTD

VERTICAL DEVIATION 3/4°@ 212', 1¼°@ 3580',

PLUGGING REPORT 25 sx @ 1510', 100 @ 725', 40 @ 260', 10
40', 30 Rat, 15 Mouse, 220 sx 60/40 Poz. Ed Shoemaker

RESERVE PIT 700 bbls., Chl. 33,000

DRILL STEM TESTS

NO	INTERVAL	IFP/TIME	ISIP/TIME	FFP/TIME	FSIP/TIME	IHP/FHP	RECOVERY
1	LKc C-F 3495- 3580'	43# 97# 5"	1038# 60"	104# 343# 75"	977# 105"	1741# 1695#	204' W, Mud w/ 504' M, Wtr
2							
3							
4							
5							
6							
7							
8							

MUD RECORD							
CHK	DEPTH	WT	VIS	FIL	CHL	YP	
1							Displaced
2	3090'	8.6	71				LOM 2#
3	3277'	8.8	48	8.0	3k	19	LOM 2#
4	3350'	8.9	72				
5	3460'	9.0	63				LOM 2#
6	3580'	9.2	51	7.2	3.1k	22	LOM 1#
7	3640'	9.1	54				
8	3730'	9.1	54				
9	3810'	9.3	59				
10							
11							

BIT RECORD						
NO	SIZE	MAKE	TYPE	DEPTHOUT	FEET	HOURS
1	12 1/4"	Reed	RR	212'	212'	4 1/2
2	7 7/8"	Reed	S-52	3865'	3653	90 3/4
3						
4						
5						

LOGY

SUMMARY

The Feedlot Frank #1 was drilled with Shields #2 beginning 5-5-14 and drilling was complete

The drill site was located via a 3-D seismic

The well ran low structurally. The seismic wa

DST #1 was run over small oil shows in the LR with negative results.

The well thickened with depth. The Conglomer poor, dead oil staining. A RAG log was run to the well.

Based upon all data, the well was P&A'ed.

Respectfully,



Randall Kilian

SITION

D E

red well.

tools rig
 d 5-12-14.
 survey.
 s a bust.
 c C-F zones
 ate had
 o condemn

REMARKS

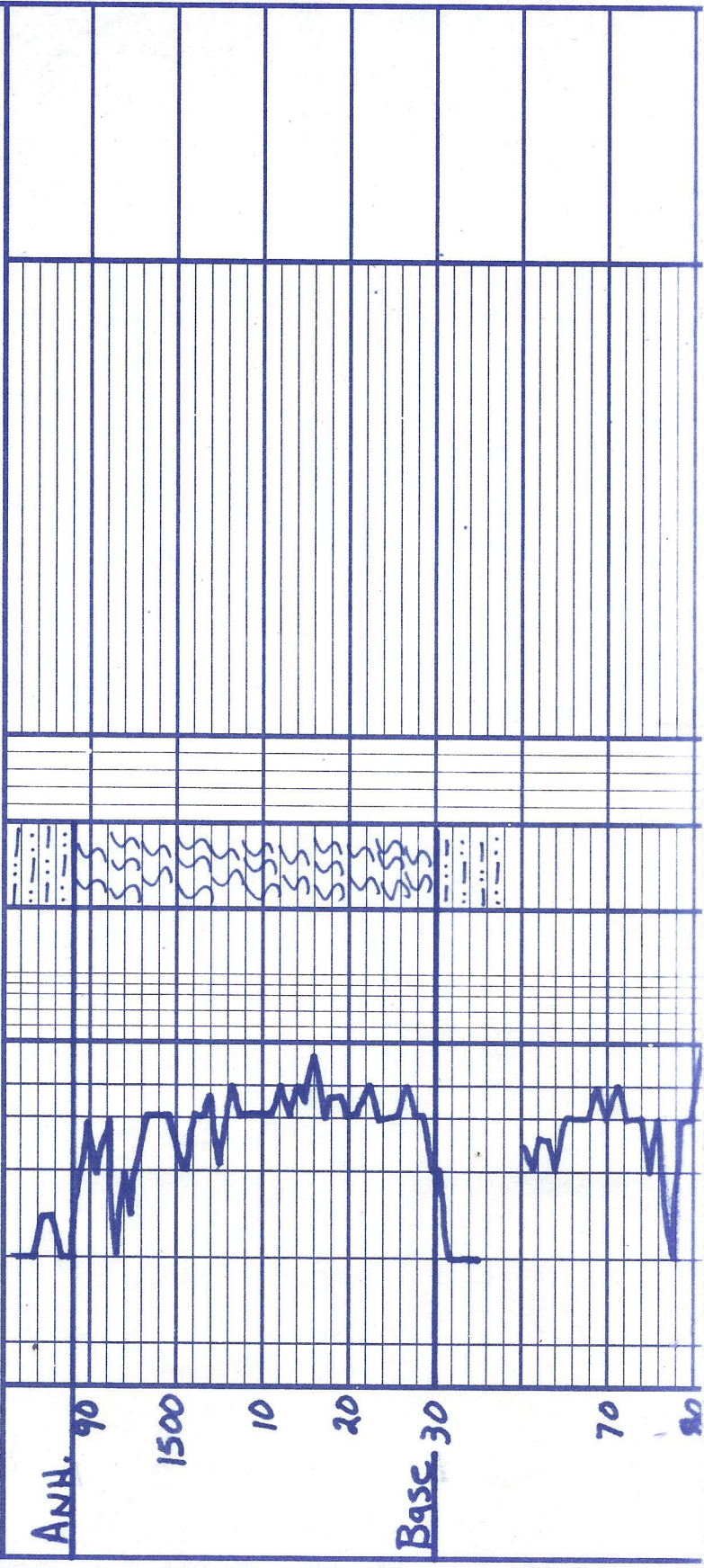
LITHOLOGY (LAGGED)

0 & SHOWS
 POOR
 FAIR
 GOOD

DST

DRILLING TIME (min/ft)

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



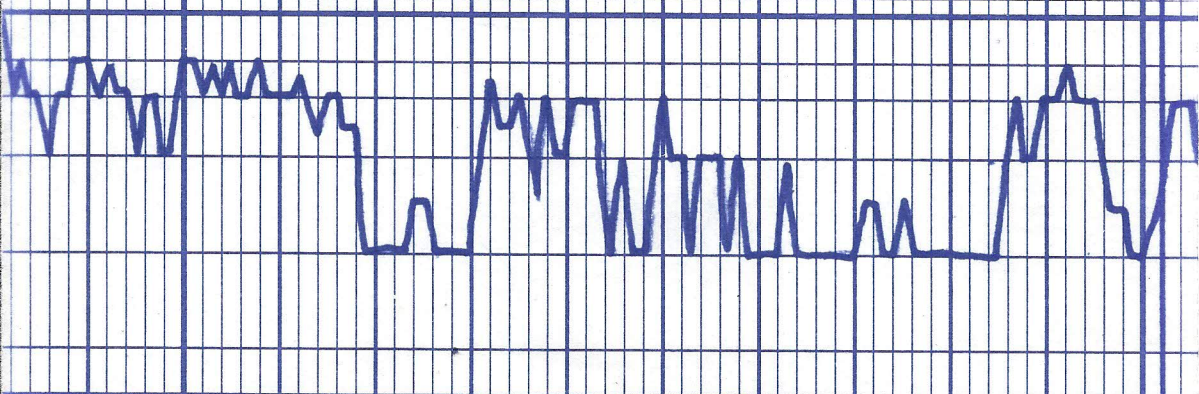
ANH. 90
 1500
 10
 20
 Base 30
 70
 80

Mud
Vis. - 71
WT - 8.6
LCM - 2#

sh & siltst - gry - brn.

LS - tan - brn - gry - fm. yln.
fossil

sh & siltst - gry - brn.



90
3100
10
20
30
40
50
60
70
80
90
3200

Top.

geo on location
10:00 am 5-9-14

LS - tan-brn-gry-fn. xln.
fossil.

LS gla.

sh-gry

LS - dolo - tan-fn. xln. w/ fr inter.
xln. ϕ . barren.

sh-dark gry.

sh. siltst-gry-brn.

LS - tan-brn-gry-fn. xln.
fossil, st-chalky

LS gla

sh. siltst-gry-brn.

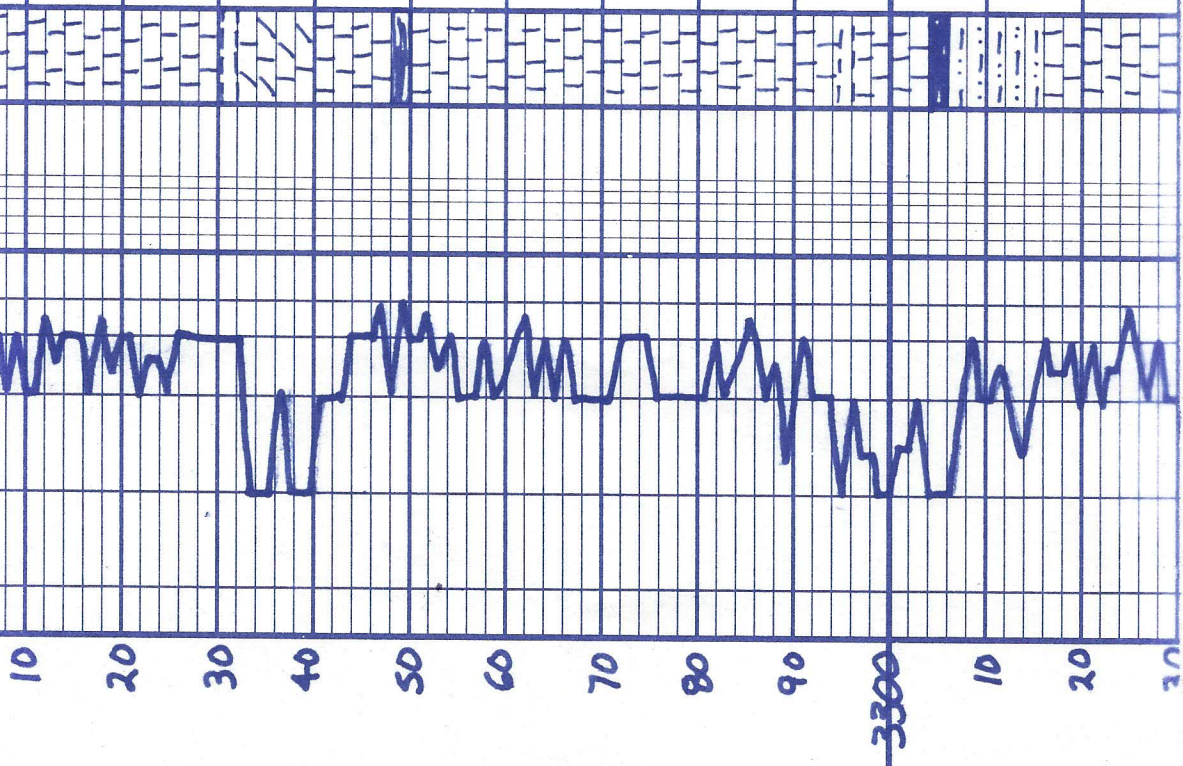
LS - tan-tt gry-fn. xln. ool w/ fr. ool ϕ . st-chalky

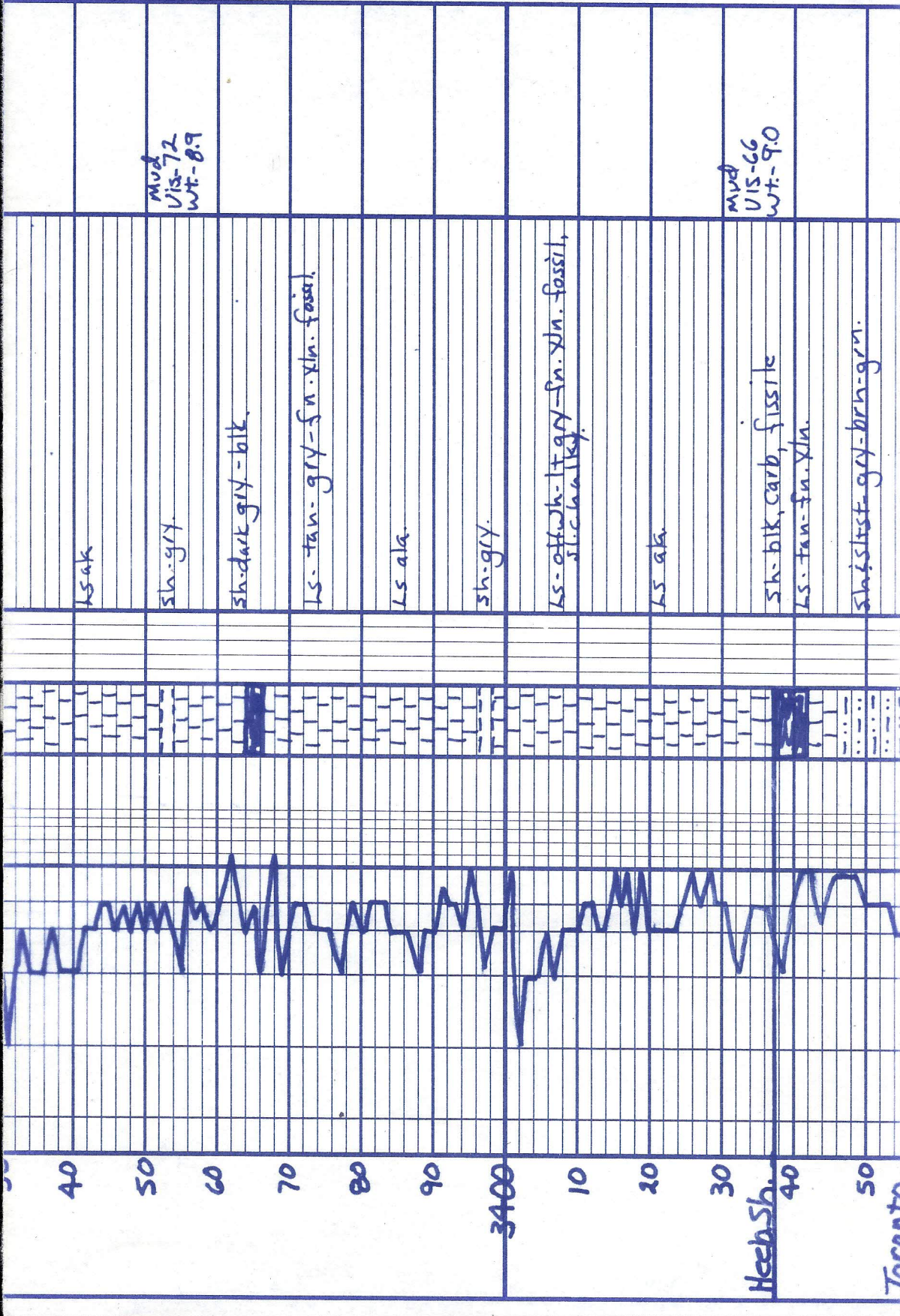
sh - dark gry-blk

sh. siltst-gry-brn.

LS - tan-tt gry-fn. xln. fossil,
st-chalky

Mud
vis. - 48 yd - 19
wt. - 8.8 ch. - 3K
wh. - 8.0 LCM - 2 #





Mud
Vis. - 63
WT. - 9.0
CM. - 2.4

LS - sl. ddp - wh - gry - fn. xln.
fossil, st. Δ, sl. chalky.
sl. pyrite

sh. sltst - gry - brn - gn.

LS - Tan - fn. xln.
sh. gry.

LS - g. flsh. - tan - lgry - fn. xln.
fossil, chalky

sh. sltst - gry - brn - gn.

LS - g. flsh. - lgry - fn. xln. of-
fossil, w. poor in temp. of
sl. gry. st. in 5% of φ
sl. odor, sl. chalky.

sh - gry.

LS - sl. ddp - tan - gry - fn. xln.
fossil, oil, poor for
interpart. & oil st. - sat.
SF of fr. odor.

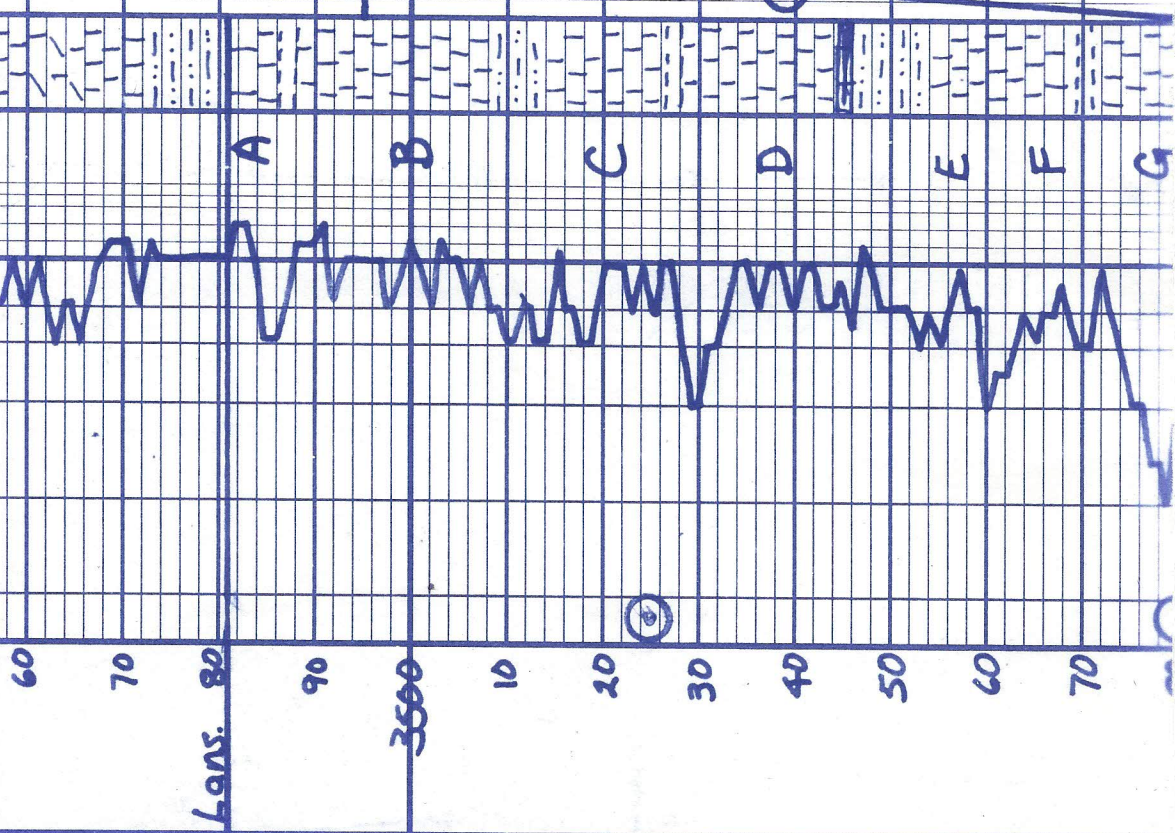
sh - dark gry - blk
sh. sltst - gry - brn.

LS - Tan - gry - fn. xln. fossil.
interpart. of sl. py. st. in
sl. odor, sl. chalky

LS - off wh - lgry - fn. xln. of fossil.
w. poor in temp. of oil st. in φ

OST # 11K C-F
3495 - 3580
5' 60" 75" 105"
204 w. Mud w. 5.0.
509 M. wtr.
F.P. 48.92, 109.345#
S.I.P. 1038-977#

dev 1/4°
Strap 3.77' short.
Mud



Vis-51 Y.P. 22
WT: 9.2 CMI: 3.1K
W.A.: 7.2 LCM: 1.4

Mud
Vis-5A
WT: 9.1

LS - offwhite - f. gry - fa. xln. dol.
sl. chalky

ls. gr.

sh. dark gry.
sh. sltst - gry - brn - grn. soft

LS - offwh. f. gry - fa. xln. w/ poor
interpart. ϕ oil st. in ϕ .
sl. sfa. sl. odor. sl. chalky

sh. sltst - gry - grn.

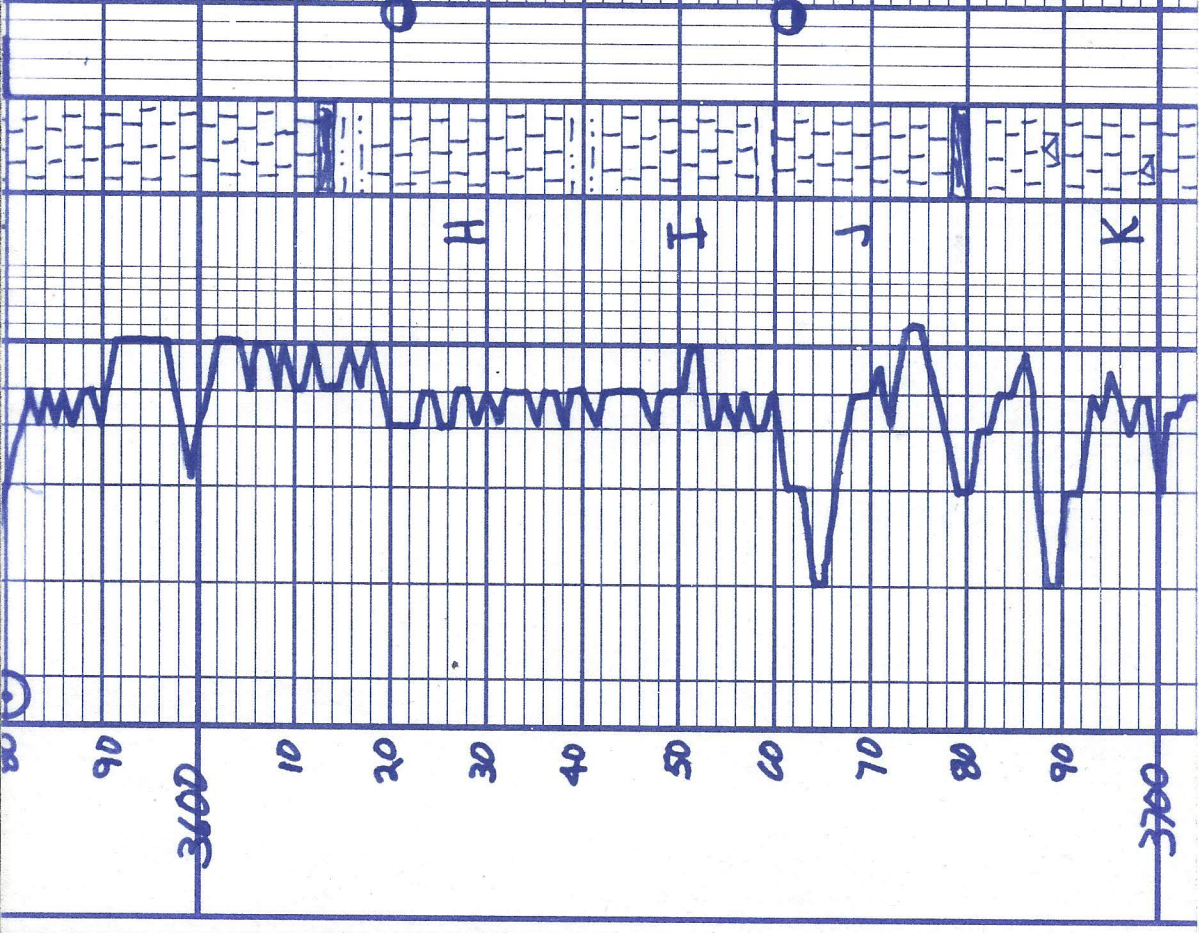
LS - offwh. - fa. xln. fossil. w/ poor
interpart. ϕ

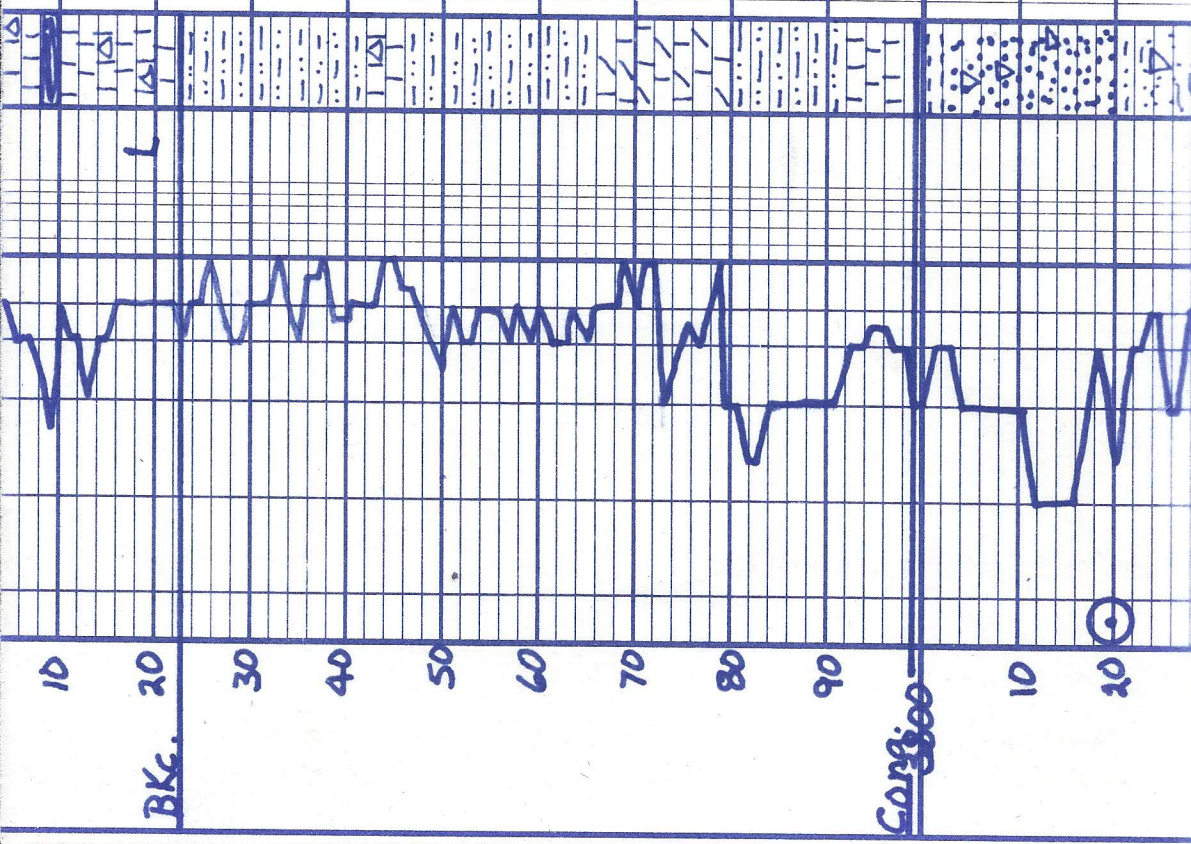
sh. dark gry.

LS - tan. fa. xln. dol. w/ fr. com
 ϕ sl. oil st. in 5% ϕ , sl.
chalky. sl. odor.

sh. blk, fissile

LS - offwh. - tan. - fa. xln. dol. w/
fr. com ϕ barren. sl. chalky
sl. 2





sh. blk, Carb.

LS - tan - grey fn. xln. fossiliferous
 poor interbedded sh. cherty, st. Δ

Mud
 U13-54
 WT-9.1

sh. siltst - gry-brn-grn.

LS - tan-gry, fn. xln. Δ

sh. siltst - gry-brn-grn.

LS - dol. - offwh - tan-gry, fn. xln. Δ

sh. siltst - brn-gry-grn, red.

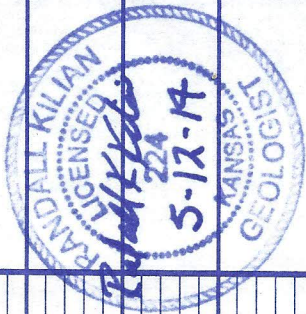
LS - tan-gry-fn. xln. fossil, Δ

sh-brn-gry.

Mud
 U13-59
 WT-9.3

ss, grt, gry-fn-grn. w/ glauc. & sh. w/ dead otk st.

VA sh. siltst.



a/a.

