



KANSAS CORPORATION COMMISSION 1047425
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009

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

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 31569
Name: Bach, Jason dba Bach Oil Production
Address 1: PO BOX 723
Address 2: _____
City: ALMA State: NE Zip: 68920 + 0723
Contact Person: Jason Bach
Phone: (308) 928-8920
CONTRACTOR: License # 30606
Name: Murfin Drilling Co., Inc.
Wellsite Geologist: Randall Kilian
Purchaser: NA

API No. 15 - 15-163-23902-00-00
Spot Description: _____
NW NE SE NE Sec. 30 Twp. 8 S. R. 19 East West
1,370 Feet from North / South Line of Section
590 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Rooks
Lease Name: Paul Lowry Well #: 1
Field Name: NA

Producing Formation: Arbuckle
Elevation: Ground: 1978 Kelly Bushing: 1983
Total Depth: 3500 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 218 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: 22000 ppm Fluid volume: 500 bbls
Dewatering method used: Evaporated
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License #: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Permit #: _____

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
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____
11/10/2010 11/14/2010 11/15/2010
Spud Date or 11/10/2010 Date Reached TD 11/14/2010 Completion Date or 11/15/2010
Recompletion Date 11/10/2010 Date Reached TD 11/14/2010 Completion Date or 11/15/2010
Recompletion Date

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

Letter of Confidentiality Received
Date: _____
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: Deanna Garrison Date: 12/30/2010

RCWD



1047425

Operator Name: Bach, Jason dba Bach Oil Production Lease Name: Paul Lowry Well #: 1
 Sec. 30 Twp. 8 S. R. 19 East West County: Rooks

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: RAG	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border: none;"> <tr> <td style="width:33%; border: none;">Name Attached</td> <td style="width:33%; border: none;">Top Attached</td> <td style="width:33%; border: none;">Datum Attached</td> </tr> </table>	Name Attached	Top Attached	Datum Attached
Name Attached	Top Attached	Datum Attached		

CASING RECORD <input checked="" 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
Surface	12.25	8.625	20	218	COM	150	3% CC/2% Gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing	-			
___ Plug Back TD				
___ Plug Off Zone	-			

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: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. _____		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> 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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Bach, Jason dba Bach Oil Production
Well Name	Paul Lowry 1
Doc ID	1047425

Tops

Anhydrite	1440'	+543
Base Anhydrite	1470'	+513
Topeka	2951'	-968
Heebner Shale	3157'	-1175
Toronto	3177'	-1194
Lansing	3194'	-1211
BKC	3411'	-1428
Arbuckle	3440'	-1457
TD	3500'	-1517



PO BOX: 31 Russell, KS 67665

Voice: (785) 483-3887
Fax: (785) 483-5566

INVOICE

Invoice Number: 125229
Invoice Date: Nov 10, 2010
Page: 1

Bill To:
Bach Oil Production R. R. #1 Box 28 Phillipsburg, KS 67661

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Bach	Paul Lowry #1	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-01	Oakley	Nov 10, 2010	12/10/10

Quantity	Item	Description	Unit Price	Amount
150.00	MAT	Class A Common	13.50	2,025.00
3.00	MAT	Gel	20.25	60.75
5.00	MAT	Chlride	51.50	257.50
158.00	SER	Handling	2.25	355.50
50.00	SER	Mileage 158 sx @ .10 per sk per mi	15.80	790.00
1.00	SER	Surface	991.00	991.00
50.00	SER	Pump Truck Mileage	7.00	350.00

Subtotal	4,829.75
Sales Tax	147.62
Total Invoice Amount	4,977.37
Payment/Credit Applied	
TOTAL	4,977.37

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$ 1209.45

ONLY IF PAID ON OR BEFORE
Dec 5, 2010

ALLIED CEMENTING CO., LLC. 040832

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Dgkley

DATE <u>11-10-10</u>	SEC. <u>30</u>	TWP. <u>8</u>	RANGE <u>19</u>	CALLED OUT	ON LOCATION	JOB START <u>8:30pm</u>	JOB FINISH <u>9:00pm</u>
LEASE <u>Paul Lowry</u>	WELL # <u>1</u>	LOCATION <u>Zurich 7N 2W</u>			COUNTY <u>ROCKS</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)				<u>5 into</u>			

CONTRACTOR Martin Drilling Rig 16 OWNER same

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 220' CEMENT AMOUNT ORDERED 150 SKS com

CASING SIZE 8 5/8 DEPTH 218' 3% cc 290 gal

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM COMMON 150 SKS @ 13.50 2025.00

MEAS. LINE SHOE JOINT POZMIX @

CEMENT LEFT IN CSG. 15' GEL: 3 SKS @ 20.25 60.75

PERFS. CHLORIDE 5 SKS @ 51.50 257.50

DISPLACEMENT 12.93 BBL ASC @

EQUIPMENT @

PUMP TRUCK : CEMENTER Andrew @

423-281 HELPER Larene @

BULK TRUCK @

404 DRIVER Wil @

BULK TRUCK @

DRIVER @

HANDLING 158 SKS @ 2.25 355.50

MILEAGE 10.56/mile 790.00

REMARKS: TOTAL 3488.75

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE 99.00

EXTRA FOOTAGE @

MILEAGE 50 miles @ 7.00 350.00

MANIFOLD @

@

@

TOTAL 1341.00

PLUG & FLOAT EQUIPMENT

@

@

@

@

CHARGE TO: Bach Oil Production

STREET

CITY STATE ZIP

To Allied Cementing Co., LLC.



PO BOX 31 Russell, KS 67665

Voice: (785) 483-3887
 Fax: (785) 483-5566

INVOICE

Invoice Number: 125324
 Invoice Date: Nov 14, 2010
 Page: 1

Bill To:
Bach Oil Production R. R. #1 Box 28 Phillipsburg, KS 67661

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Bach	Paul Lowry #1	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-03	Oakley	Nov 14, 2010	12/14/10

Quantity	Item	Description	Unit Price	Amount
138.00	MAT	Class A Common	13.50	1,863.00
92.00	MAT	Pozmix	7.55	694.60
8.00	MAT	Gel	20.25	162.00
58.00	MAT	Flo Seal	2.45	142.10
230.00	SER	Handling	2.25	517.50
50.00	SER	Mileage 230 sx @ .10 per sk per mi	23.00	1,150.00
1.00	SER	Plug to Abandon	1,159.00	1,159.00
50.00	SER	Pump Truck Mileage	7.00	350.00
1.00	EQP	8.5/8 Dry Hole Plug	39.00	39.00

ALL PRICES ARE NET, PAYABLE
 30 DAYS FOLLOWING DATE OF
 INVOICE. 1 1/2% CHARGED
 THEREAFTER. IF ACCOUNT IS
 CURRENT, TAKE DISCOUNT OF

\$ 1215 44

ONLY IF PAID ON OR BEFORE
Dec 9, 2010

Subtotal	6,077.20
Sales Tax	382.86
Total Invoice Amount	6,460.06
Payment/Credit Applied	
TOTAL	6,460.06

ALLIED CEMENTING CO., LLC. 035156 A

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

OAKLEY

DATE <u>11-14-10</u>	SEC. <u>30</u>	TWP. <u>8S</u>	RANGE <u>19W</u>	CALLED OUT	ON LOCATION <u>1:45 PM</u>	JOB START <u>4:00 PM</u>	JOB FINISH <u>4:30 PM</u>
LEASE <u>Paul Lowry</u>	WELL # <u>1</u>	LOCATION <u>Zurich 7N-28W-S2W10</u>			COUNTY <u>Rooks</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR <u>MURFIN DRIS REQ# 16</u>	OWNER <u>SAME</u>
TYPE OF JOB <u>PTA</u>	
HOLE SIZE <u>7 7/8"</u>	T.D.
CASING SIZE	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE <u>4 1/2"</u>	DEPTH <u>3430'</u>
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT	

EQUIPMENT

PUMP TRUCK # <u>422</u>	CEMENTER <u>TERRY</u>	HELPER <u>WAYNE</u>
BULK TRUCK # <u>481</u>	DRIVER <u>MARK</u>	
BULK TRUCK #	DRIVER	

REMARKS:

<u>25 SKS AT 3430'</u>
<u>25 SKS AT 1445'</u>
<u>100 SKS AT 800'</u>
<u>40 SKS AT 260'</u>
<u>10 SKS AT 40'</u>
<u>30 SKS RAT HOLE</u>

THANK YOU

CHARGE TO: BACH OIL

STREET _____

CITY _____ STATE _____ ZIP _____

To Allied Cementing Co., LLC.

CEMENT AMOUNT ORDERED <u>230 SKS 6040 #02 490951 1/4" FLO-SEAL</u>	
COMMON <u>138 SKS</u>	@ <u>13.50</u> <u>1863.00</u>
POZMIX <u>92 SKS</u>	@ <u>7.50</u> <u>694.50</u>
GEL <u>8 SKS</u>	@ <u>20.25</u> <u>162.00</u>
CHLORIDE	@ _____
ASC	@ _____
	@ _____
	@ _____
<u>FLO-SEAL 58"</u>	@ <u>2.45</u> <u>142.10</u>
	@ _____
	@ _____
	@ _____
	@ _____
HANDLING <u>230 SKS</u>	@ <u>2.25</u> <u>517.50</u>
MILEAGE <u>100 PER SK / MILE</u>	<u>1150.00</u>
TOTAL	<u>4529.20</u>

SERVICE

DEPTH OF JOB <u>3430'</u>	
PUMP TRUCK CHARGE	<u>1159.00</u>
EXTRA FOOTAGE	@ _____
MILEAGE <u>50 MI</u>	@ <u>7.00</u> <u>350.00</u>
MANIFOLD	@ _____
	@ _____
	@ _____
TOTAL	<u>1509.00</u>

PLUG & FLOAT EQUIPMENT

1- <u>8 5/8" DRY HOLE PLUG</u>	
	<u>39.00</u>
	@ _____
	@ _____
	@ _____
	@ _____

Randall Kilian Corporation

Geologist



**Certified Petroleum
Geologist #3351
License #224**

P.O. Box 26
Hays, Kansas 67601-0026
Phone: 785-628-6061
Cell: 785-635-1349

GEOLOGIST'S WELL REPORT

COMPANY BACH OIL PRODUCTION (31569)

WELL Paul Lowry #1

FIELD Wildcat

LOCATION (legal) Ad. NW NE SE NE

(1370' FNL & 590' FEL)

Section 30 TWP 8S RGE 19W

(Map) 7 mi N & 2½ mi W of Zurich, Ks

COUNTY Rooks STATE Kansas

ELEVATION: 1983' K.B., 1978' G.L.

Depths measured from Kelly Bushing

A. P. I. NUMBER 15-163-23902

GEOLOGY BY Randall Kilian

PERTINENT WELL DATA

CONTRACTOR Murfin Drilling Co., Inc. (30606)

RIG #16 HYDRAULICS D-375 6x14x60
(Andy Dinkel TP)

DRILL PIPE 4 1/2" X-H COLLARS 6 1/2" 17 (503')

CASING: SURFACE 8 5/8" @ 218' w/ 150 sx Common

PRODUCTION _____

DRILLING FLUID: COMPANY Andy's Mud & Chemical Co.
(Ken Rupp)

TYPE: Chemical & Drispac

REMARKS: Full service

DRILL STEM TESTS: COMPANY _____

NUMBER OF TESTS _____

ELECTIC LOGS: COMPANY Pioneer Log-Tech Inc.

DETAIL (5") 2900' - RTD

TYPE RAG

DRILLING TIME FROM 2900' TO RTD

SAMPLE TIME FROM 2900' TO RTD

SUPERVISION FROM 2900' TO RTD

VERTICAL DEVIATION 1/2° @ 220', 3/4° @ 2036'

PLUGGING REPORT 25 sx @ 3425', 25 @ 1445', 100 @ 800', 40
260', 10 @ 40', 30 Rat, 230 sx 60/40 Poz.

RESERVE PIT 500 bbls., Chl. 22,000

DAILY REPORT

DATE:

7 a.m. Depth

RIG ACTIVITY

11-10-10

MIRU, Spud

11-11-10

350'

Drilling under surface

11-12-10

2180'

Drilling sand & shale

11-13-10

3000'

Drilling lime & shale

11-14-10

3500'

TD, Logging, Plugging

11-15-10

MUD RECORD						
CHK	DEPTH.	WT	VIS	FIL	CHL	YP
1	2715'					
2	2950'	8.8	50			
3	3033'	9.1	44	7.6	1.5k	12
4	3160'	9.0	54			
5	3340'	9.2	58			
6	3440'	9.2	60			
7	3500'	9.1	50	8.8	3k	14
8						
9						
10						
11						

Displaced
 LCM 3/4#
 LCM 1#
 LCM 1#
 LCM 3/4# \$5007

BIT RECORD						
NO	SIZE	MAKE	TYPE	DEPTH/OUT	FEET	HOURS
1	12 1/2"	Sec.	XSL	220'	220'	2 1/2
2	7 7/8"	HTCo.	CX20C	3500'	3280'	64 3/4
3						
4						
5						
6						
7						

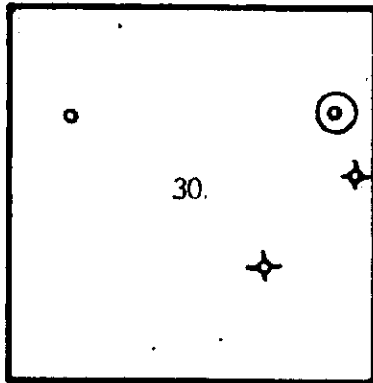
NO	INTERNAL	I/F/TIME	IS/I/TIME	FF/TIME	FS/I/TIME	HP/FT/P	RECOVERY
1							
2							
3							
4							
5							
6							
7							
8							

DRILL STEM TESTS

FORMATION TOPS & STRUCTURAL GEOLOGY

R 19 W

T
8
S



REFERRED TO:

- A: KAISER-FRANCIS
- #1 Lowry A SE SE NE 30

- B: _____

- C: _____

- D: _____

- E: _____

STRATIGRAPHIC MARKERS	SUBJECT WELL		STRUCTURAL POSITION					
	SAMPLE	E. LOG	DATUM	A	B	C	D	E
Anhydrite	1442'	1440'	+ 543	+ 549				
Base	1483'	1470'	+ 513					
Topeka	2953'	2951'	- 968	- 958				
Heeb. Sh.	3158'	3157'	-1175	-1164				
Toronto	3179'	3177'	-1194	-1186				
Lansing	3198'	3194'	-1211	-1202				
BKc.	3413'	3411'	-1428					
Arbuckle	3447'	3440'	-1457	-1453				
TD	3500'	3500'	-1517	-1503				

*Structural position of subject well as compared to referred well.

SUMMARY

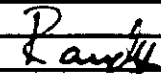
The Paul Lowry #1 well was drilled with Murfin Drilling Co tools rig #16 beginning 11-10-10 and drilling was completed 11-14-10.

The drillsite was located via a 3-D seismic survey. The well ran low structurally to nearby dry holes and about 25' lower than expected from seismic, a seismic "bust".

Poor oil shows were noted in several zones. The electric log proved all zones negative.

Based upon all data, the well was plugged as a dry hole.

Respectfully,



Randall Kilian

DRILLING TIME (min/ft)

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

& SHOWS
POOR
FAIR
GOOD
DST

LITHOLOGY (LAGGED)

REMARKS

ANH. 40

1450

60

70

Base 80

80

90

2960

10

20

30

40

Topoka 50

60

70

80

90

Drifted

sh. tan-brn. gry. fm.

ls. tan-brn. gry. fm. xln.
fossiliferous

sh. tan-brn. gry. fm.

ls. tan-brn. gry. fm. xln.
fossiliferous

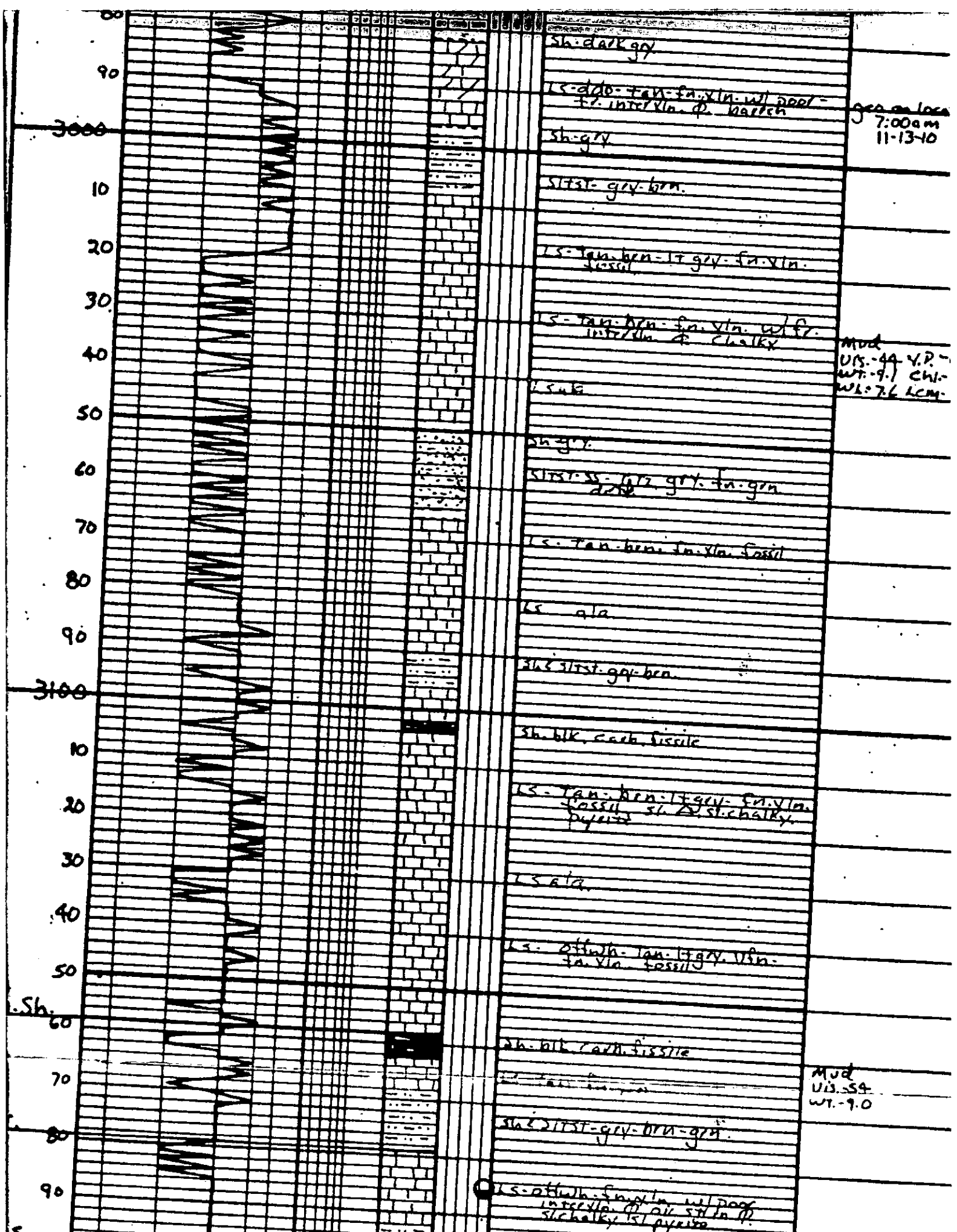
ls. a/a

sh. dark gry

ls. db. tan. fm. xln. w/ pool -
f. inter. v. d. harsh

Mud
US-50
WT-88

gen on loc
7:00am



Sh. dark gy

ls. ddb. tan. fn. yln. w/ pool - fr. intervla. of. barren

gen on loca
7:00am
11-13-10

sh. gry

sltst. gry. brn.

ls. tan. brn. - lt gry. fn. yln. fossil

ls. tan. brn. fn. yln. w/ fr. intervla. of. chalky

Mud
US. 44 V.P.
wt. 9.1 chi.
wk. 7.6 lcm.

ls. s. a. l.

sh. gry.

sltst. s. - lt gry. fn. grn

ls. tan. brn. fn. yln. fossil

ls. s. a. l.

sltst. sltst. gry. brn.

sh. blk. carb. fissile

ls. tan. brn. - lt gry. fn. yln. fossil sl. s. chalky

ls. s. a. l.

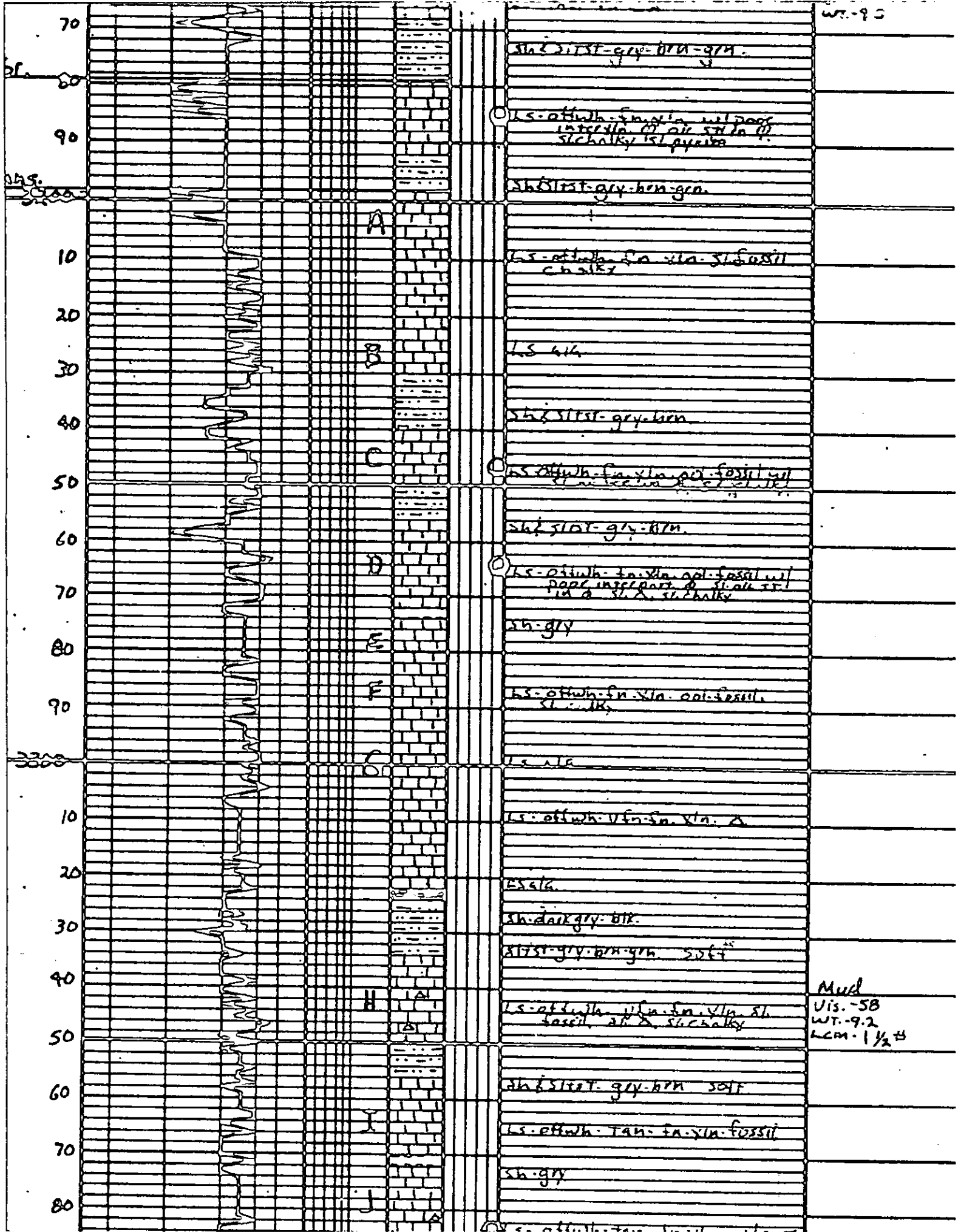
ls. offwh. tan. lt gry. yln. fn. yln. fossil

sh. blk. carb. fissile

Mud
US. 54
wt. 9.0

sltst. sltst. gry. brn. gry.

ls. offwh. s. yln. w/ pool intervla. of. sl. s. chalky sl. pyrite



sh. offwh-fn. s.ln. op. fossil

ls. offwh-fn. s.ln. op. fossil
interbedded with sh. s.ln. op. fossil
sh. chalky s.ln. pyrite

sh. offwh-fn. s.ln. op. fossil

ls. offwh-fn. s.ln. op. fossil
cherty

ls. blk.

sh. offwh-fn. s.ln. op. fossil

ls. offwh-fn. s.ln. op. fossil
interbedded with sh. s.ln. op. fossil

sh. offwh-fn. s.ln. op. fossil

ls. offwh-fn. s.ln. op. fossil
interbedded with sh. s.ln. op. fossil
in a sh. s.ln. op. fossil

sh. gry.

ls. offwh-fn. s.ln. op. fossil
sh. blk.

ls. blk.

ls. offwh-fn. s.ln. op. fossil

ls. blk.

sh. dark gry. blk.

sh. offwh-fn. s.ln. op. fossil soft

Mud
Vis. - 58
WT-9.2
LCM - 1 1/2 #

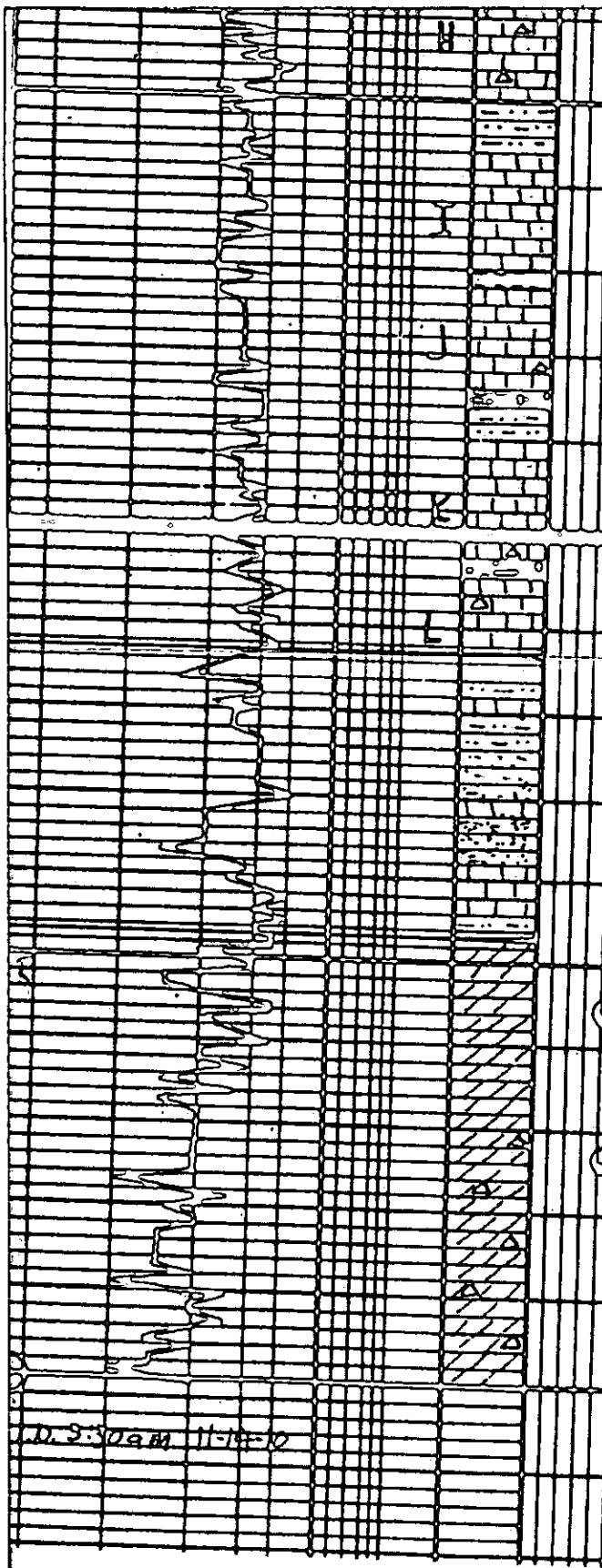
ls. offwh-fn. s.ln. op. fossil
fossil, sh. s.ln. op. fossil

sh. offwh-fn. s.ln. op. fossil soft

ls. offwh-fn. s.ln. op. fossil

sh. gry.

ls. offwh-fn. s.ln. op. fossil



I s. off wh. tan. fm. xln. sh
 fossil. sh. sh. chalky

sh. siltst. gry. brn silt

I s. off wh. tan. fm. xln. fossil

sh. gry

s. off wh. tan. fm. xln. w/ poor
 interbed. of sil. sh. in sh.
 sh. chalky sh.

sh. blk. carb

siltst. gry. brn. gm. silt

L s. off wh. tan. fm. xln. fossil
 sh. chalky sh.

sh. gry. dark gry

I s. tan. fm. xln

sh. siltst. gry. brn

siltst. sh. gry. tan. gm. gry

I s. tan. gry. fm. xln

sh. siltst. gry. brn. gm. silt

Data - tan. fm. xln. w/ poor
 interbed. of sil. sh. in sh.

Data - off wh. tan. fm. med xln
 w/ poor. sh. interbed. of
 sh. chalky sh. in sh.

Data sh.

Data - tan. fm. med xln. sh.
 fine. brn.

Mud
 Vis. - SB
 WT. - 9.2
 LCM. - 1 1/2 H

Mud
 Vis. - 60
 WT. - 9.2
 LCM. - 1 1/2 H

RANDALL KILLAM
 LICENSED
 Well Keler
 11-19-10

D. S. 309M 11-14-10

Mud
 Vis. - 50
 WT. - 9.2
 LCM. - 1 1/2 H