



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1230352
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: _____



1230352

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

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> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Hess Oil Company
Well Name	Huxman 17
Doc ID	1230352

Tops

Name	Top	Datum
Lansing	2306	-826
Kansas City	2391	-911
Base Kansas City	2701	-1221
Mississippi	2898	-1418
Kinderhook	3193	-1713
Hunton	3253	-1773
Viola	3355	-1875
Simpson Sand	3393	-1913
RTD	3485	-2005



CONSOLIDATED
Oil Well Services, LLC

268952

TICKET NUMBER 46367

LOCATION 180

FOREMAN Jeff Shell

PO Box 884, Chanute, KS 66720
620-431-0210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT

CEMENT APT # 15-113-21366-00-00

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
6/14/14	3628	Huxman # 17	29	21	1	McPherson	
CUSTOMER Hess Oil Co.			TRUCK #	DRIVER	TRUCK #	DRIVER	
MAILING ADDRESS PO Box 1009			446	Josh G			
CITY McPherson			681	Mark G			
STATE KS			539	Jeff S			
ZIP CODE 67460							
JOB TYPE	Surface B	HOLE SIZE	12 1/4	HOLE DEPTH	209	CASING SIZE & WEIGHT	8 5/8
CASING DEPTH	209	DRILL PIPE		TUBING		OTHER	
SLURRY WEIGHT	15.0	SLURRY VOL.	36.33	WATER gal/sk		CEMENT LEFT in CASING	20 ft
DISPLACEMENT	12.0	DISPLACEMENT PSI	250	MIX PSI	200	RATE	5.2

REMARKS: Safety Meeting, Brake circ. Pumped 1505KS class A cement 3% calcium 2% Gel 1/2 Polyflake displaced cement to surface with 12 bbls freshwater

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401S	1	PUMP CHARGE	870.00	870.00
5406	52	MILEAGE	4.20	218.40
5407A	7 ton	Ton Mileage delivery	1.41	513.24
1104S	1505KS	class A cement	15.70	2355.00
1102	360lbs	calcium chloride	.78	280.80
1118B	300lbs	Gel	1.22	66.00
1107	75lbs	Polyflake	2.47	185.25
			Subtotal	4488.69
			Minus 30% material Discount	866.11
			Subtotal	3622.58
			SALES TAX	144.50
			ESTIMATED TOTAL	3767.08

Form 3757

AUTHORIZATION

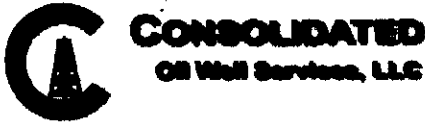
Frank Bryant

TITLE

Driller

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 for



268976

TICKET NUMBER 46393
 LOCATION El Dorado
 FOREMAN Fuzz

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
6-20-14	3628	Huxman #17	29	21S	1W	McPherson
CUSTOMER			TRUCK #		DRIVER	
Hess Oil Co.			603		Jeremy	
MAILING ADDRESS			713		Dustin	
P.O. Box 905			692		Tracy	
CITY			STATE		ZIP CODE	
McPherson			KS			

JOB TYPE Production HOLE SIZE 7 7/8 HOLE DEPTH 3485' CASING SIZE & WEIGHT 5 1/2 15.5*
 CASING DEPTH 3427' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.8 SLURRY VOL _____ WATER gal/ok _____ CEMENT LEFT in CASING 18'
 DISPLACEMENT 93.2 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting on Mallard. Float equip Turbolizers 1-2-3-4-5-6-7
Pickup and circulate. 30 min. Pump S-BBL water 500gal mud flush
S-BBL water. Mix 200ggs Class A 300gal, 20ggs S+Kolsal
1 1/4" Kolsal wash pump and lines. Drop plug and displace 8 1/2" S-BBL
hit press 750' land press 1250' float hold.

Thanks Fuzz review

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	1085 ⁰⁰	1085 ⁰⁰
5406	50	MILEAGE	4 ²⁰	210 ⁰⁰
5407A	9.4 ton	ton mileage delivery	1 ⁴¹	662 ⁷⁰
1104S	200ggs	Class A	15 ²⁰	3140 ⁰⁰
1108B	600*	Bentonite	1.22	132 ⁰⁰
1102	350*	Calcium Chloride	.78	273 ⁰⁰
1110A	1000*	Kolsal	.46	460 ⁰⁰
1107	50*	Poly-Slate	2 ⁴⁷	123 ⁵⁰
1144G	500gal	Mud Flush	1 ¹⁰	550 ⁰⁰
4159	1	5 1/2" ATU Float shoe	361 ⁰⁰	361 ⁰⁰
4454	1	5 1/2" Latchdown Assy	266 ²⁵	266 ²⁵
4136	7	5 1/2" S-Band Turbolizers	75 ²⁵	530 ²⁵
5102C	4 hrs	Water Truck	90 ⁰⁰ /hr	360 ⁰⁰
		subtotal		8154 ²⁰
		30% disc. cement materials		1238 ⁵²
		subtotal		6915 ⁶⁸
		SALES TAX		328.75
		ESTIMATED TOTAL		12444.40

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY HESS OIL COMPANY
 LEASE HUXMAN #17
 FIELD GRABER POOL
 LOCATION 2050' FNL, 702' FWL
 SEC 29 TWP 21 S RGE 1 W
 COUNTY McPHERSON STATE KANSAS

ELEVATIONS
 KB 1480'
 DF 1477'
 GL 1475'
 Measurements Are All
 From KB

CONTRACTOR MALLARD J.V.
 SPUD 6-14-14 COMP 6-20-14
 RTD 3485 LTD none
 MUD UP 2400' TYPE MUD CHEMICAL

CASING
 SURFACE 8-5/8" at 205'
 PRODUCTION 5-1/2"
 ELECTRICAL SURVEYS
none

SAMPLES SAVED FROM 950' TO TD
 DRILLING TIME KEPT FROM 950' TO TD
 SAMPLES EXAMINED FROM 950' TO TD
 GEOLOGICAL SUPERVISION FROM 1000' TO TD
 GEOLOGIST ON WELL JAMES C. HESS

FORMATION TOPS	LOG	SAMPLES													
LANSING		2306 (-826)	<div style="display: flex; justify-content: space-between; align-items: center;"> 1 W </div> <table border="1" style="margin: auto; border-collapse: collapse;"> <tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr> <tr><td style="text-align: center;">•</td><td style="text-align: center;">29</td><td></td><td style="text-align: center;">21 S</td></tr> <tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr> </table>					•	29		21 S				
•	29			21 S											
KANSAS CITY		2391 (-911)													
MISSISSIPPI		2898 (-1418)													
KINDERHOOK		3193 (-1713)													
HUNTON		3253 (-1773)													
VIOLA		3355 (-1875)													
SIMPSON SAND		3393 (-1913)													
RTD		3485 (-2005)													

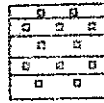
7503

REMARKS

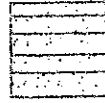
LEGEND



Anhydrite



Salt



Sandstone



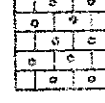
Shale



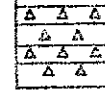
Carb sh



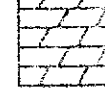
Limestone



Ool. Lime



Chert



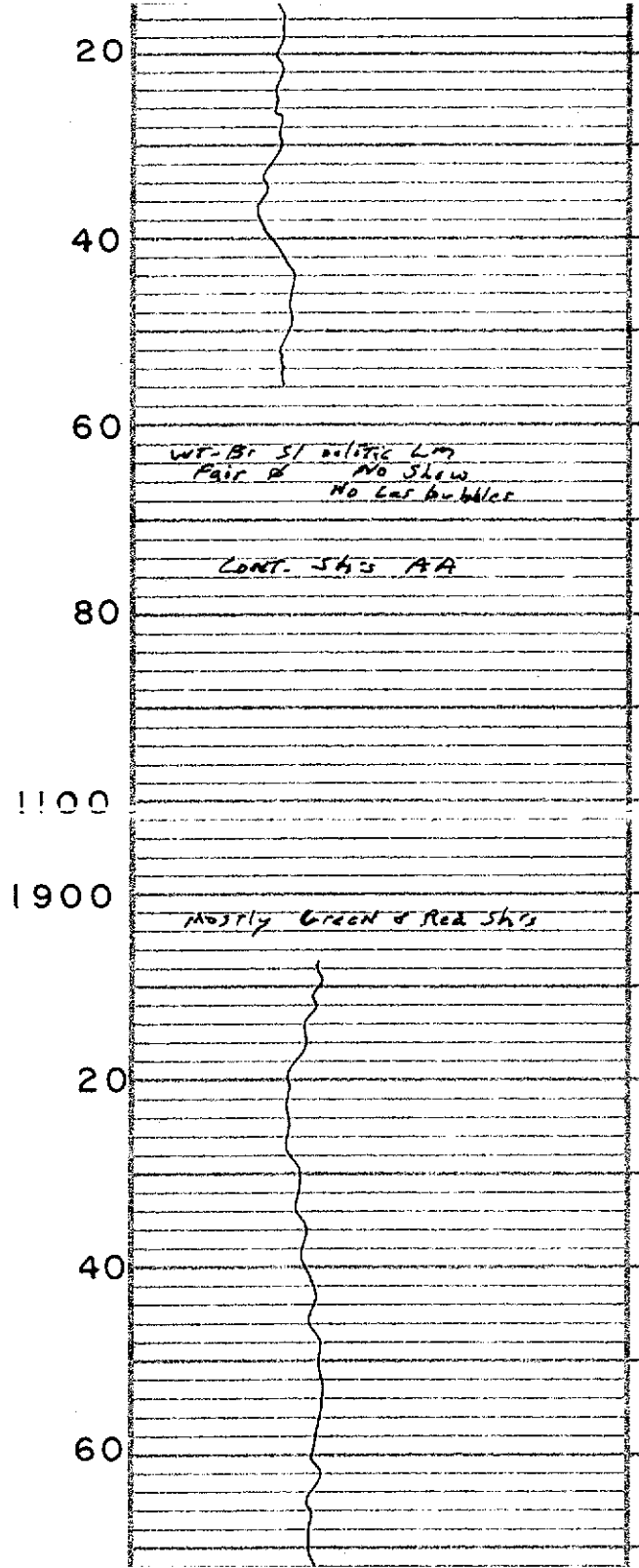
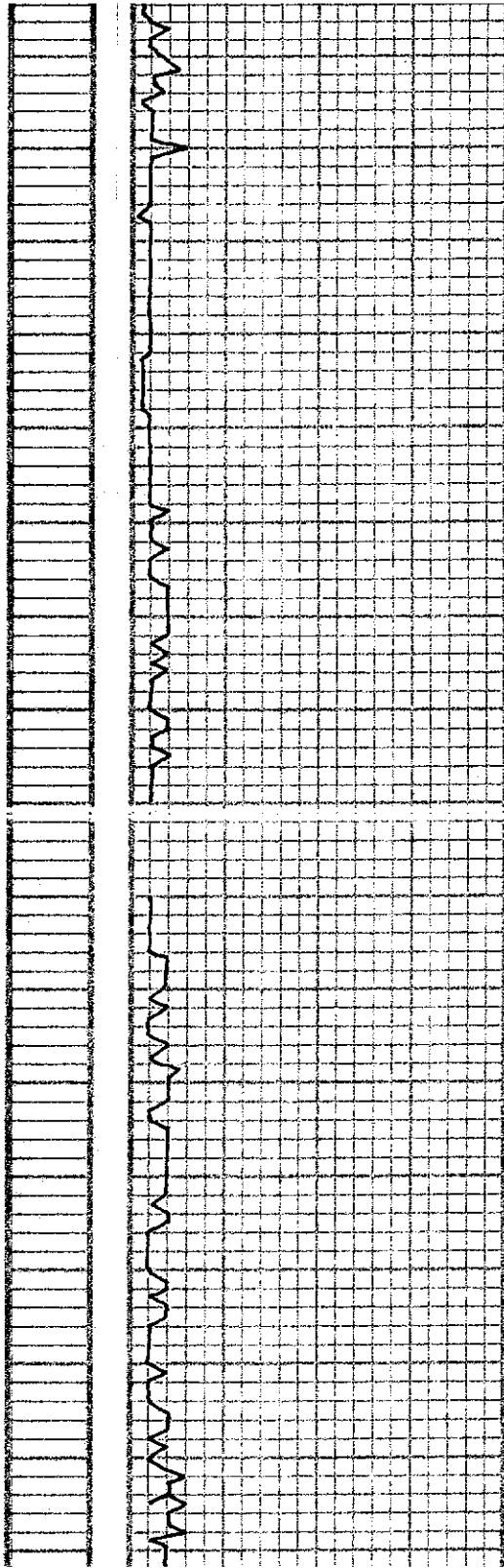
Dolomite

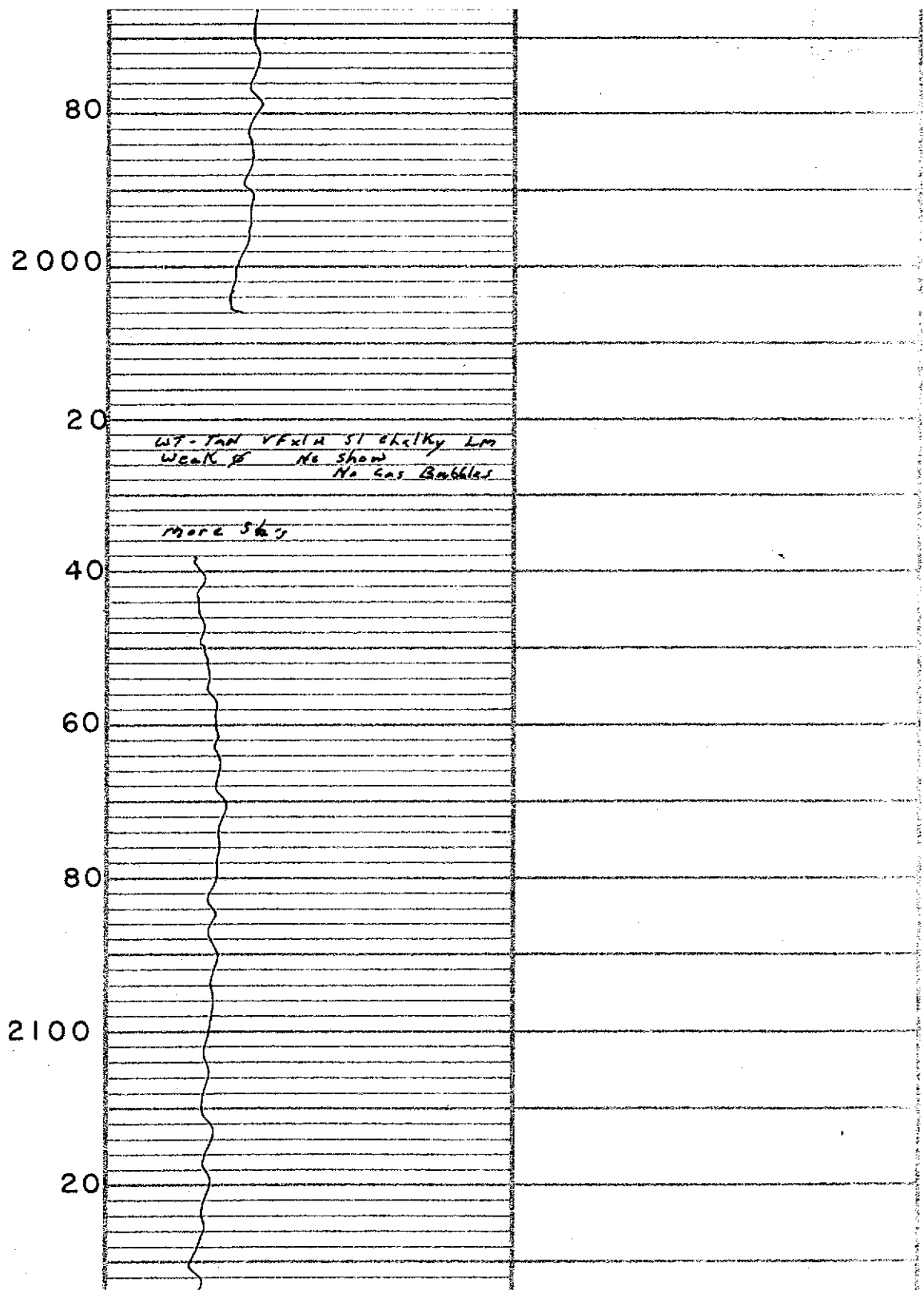
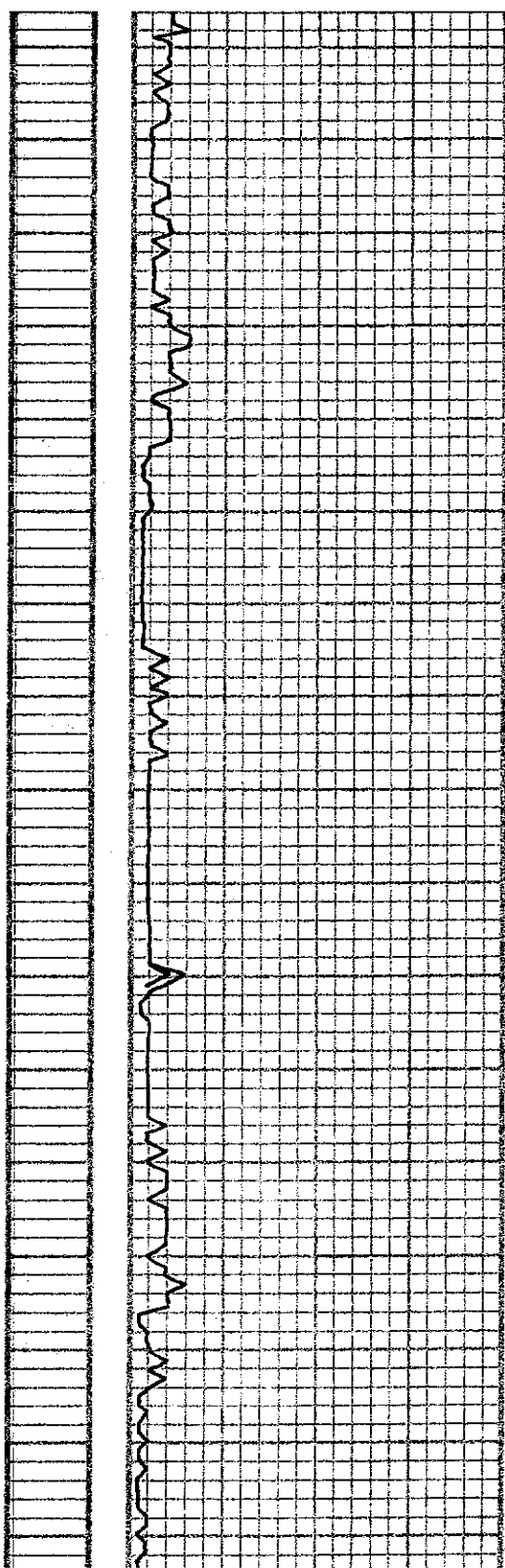
SCALE

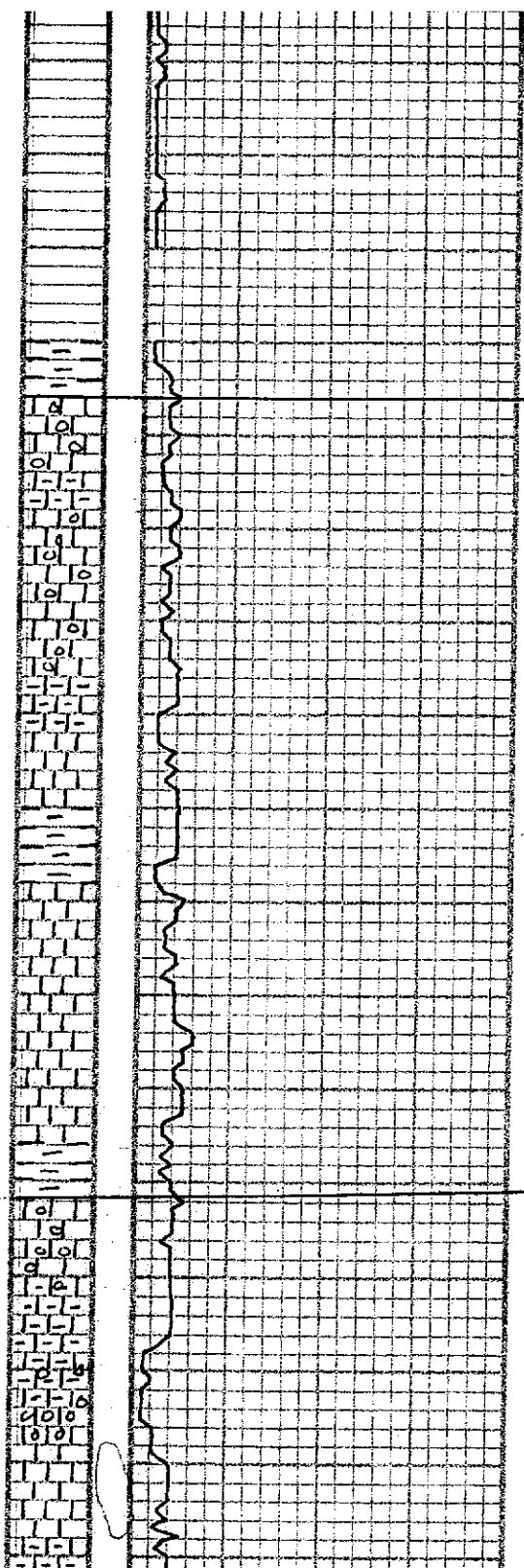
" = 100'

LOG 7703

Lithology	Drilling time in minutes					DEPTH	Sample Description	Remarks, drill stem tests, etc.
	0	5	10	15	20			
						950	Mostly Green & Red sh's	
						60		
						80		
						1000	WT 51 Chalky Lm Fair R. No show 51 oolitic NO Gas Bubbles	
							More sh's	
						20		







40

2150

2300

20

40

60

80

2400

20

Mostly green + Red sh's
No show

LT-Tan sl. dolitic st dolomitic
Chalky Lm
Some green + Red sh's
weak B
No show

AA w/ less sh's
No show
weak B

LT-Tan v. fine sl dolitic Lm
Few green + Red sh's

AA w/ few sh's
No B
No show

More green sh's
Some wt-con sl chalky Lm

AA w/ less sh's
No B
No show

LT-Tan v. fine sl chalky Lm
Few green sh's

AA w/ more sh's
No B
No show

LT-Tan v. fine sl dolitic Lm
Pl's wt chalky Lm
Some green sh's

AA w/ more sh's
No show
weak B

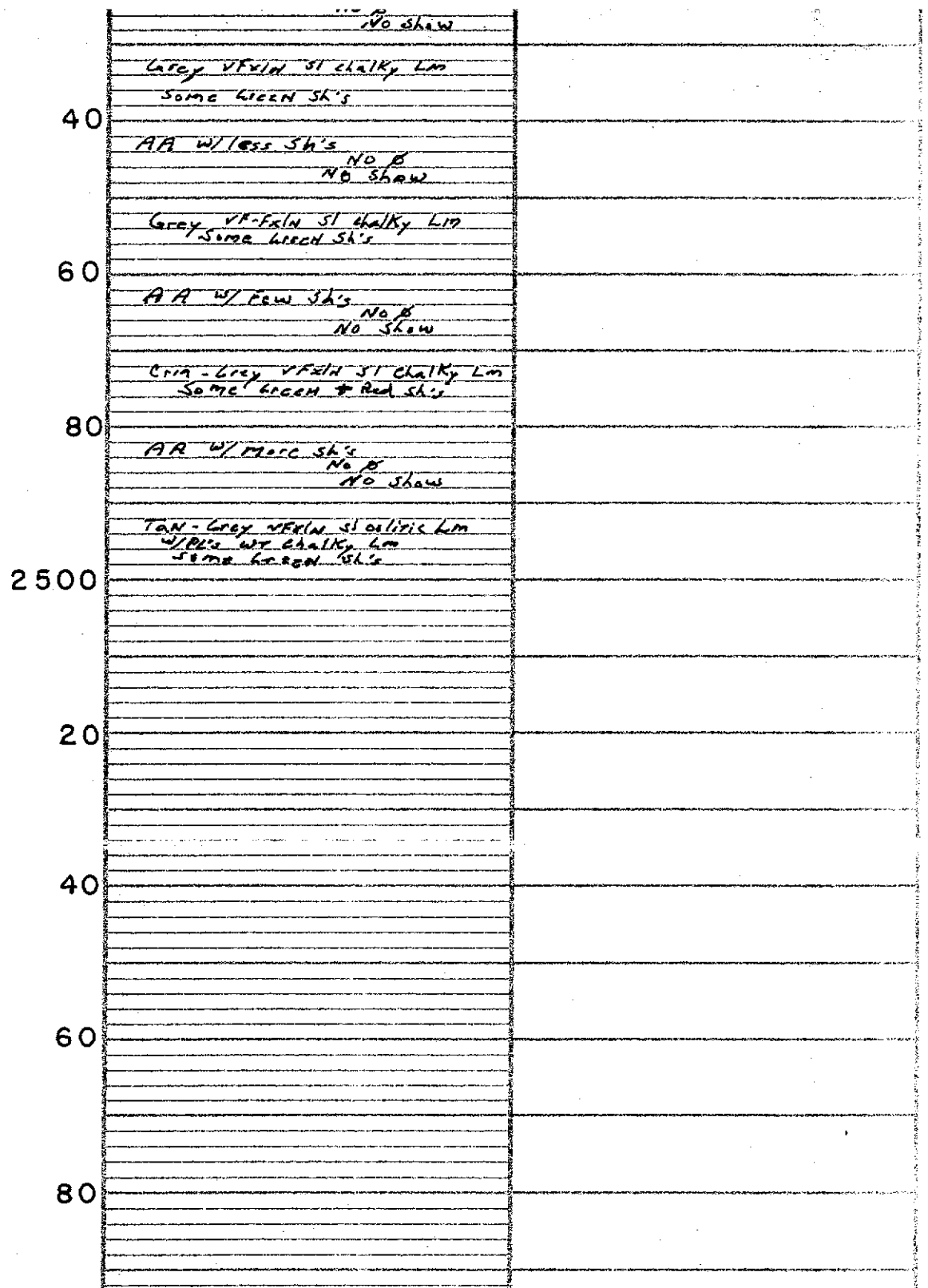
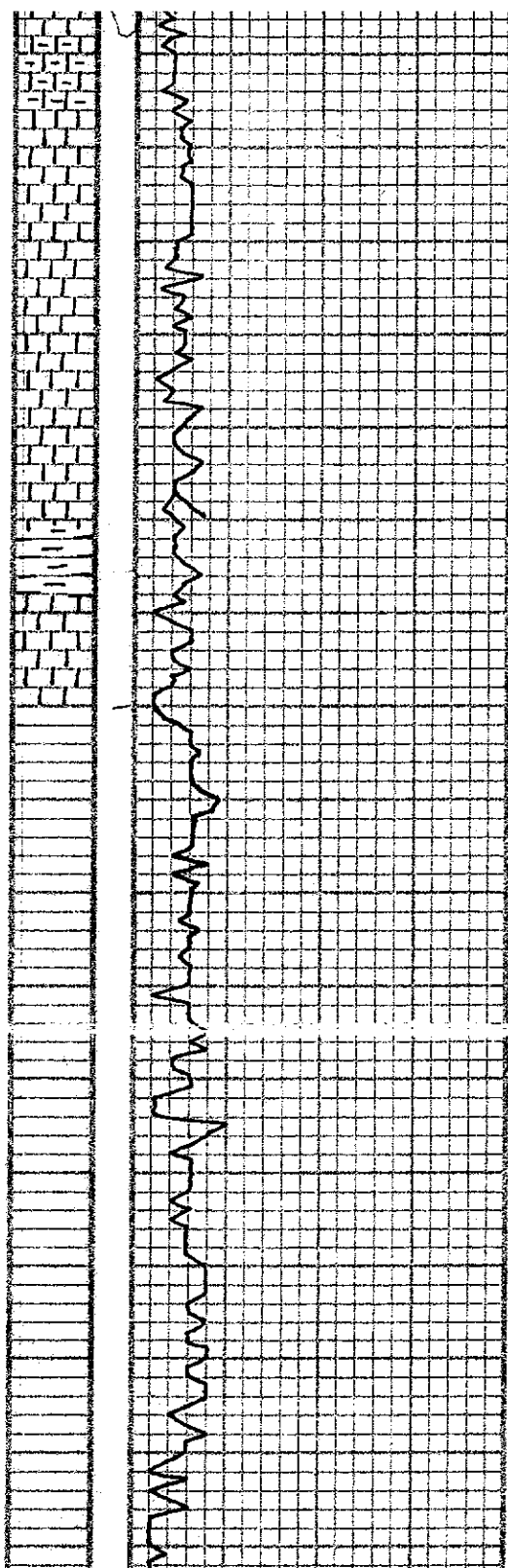
WT-Tan sl dolomitic chalky Lm
Pl's sl dolitic
Some green sh's

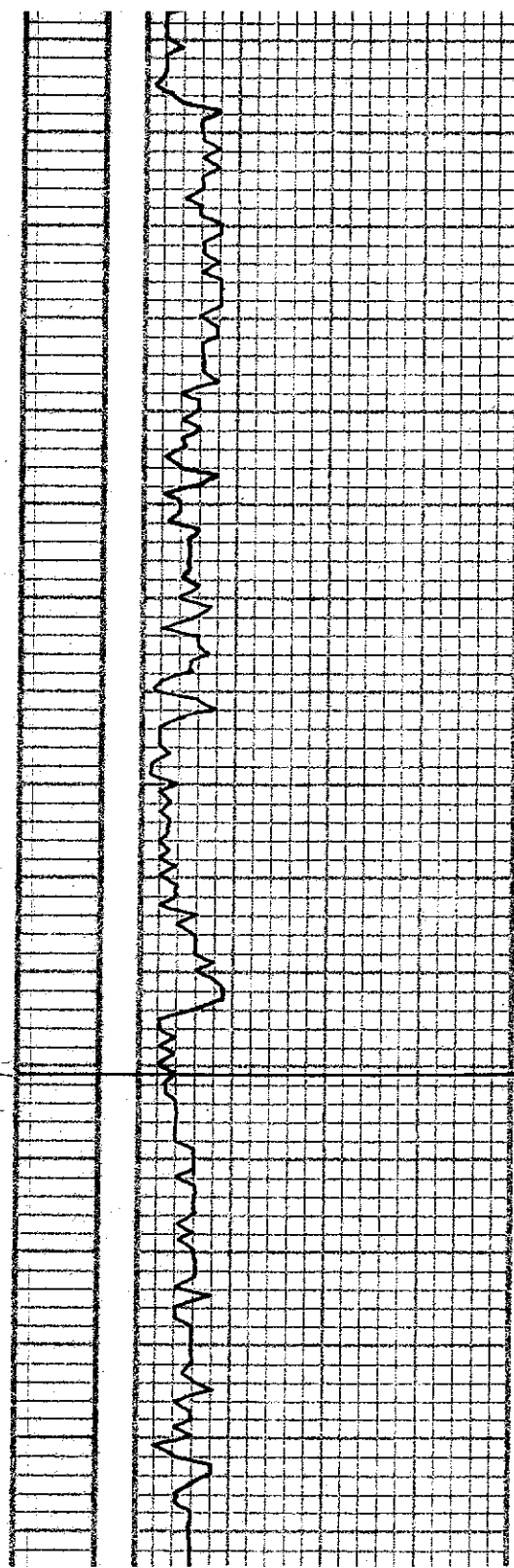
AA w/ more sh's
No B
No show

LANSING 2306 (-826)

KANSAS CITY 2391

(-911)





2600

20

40

60

80

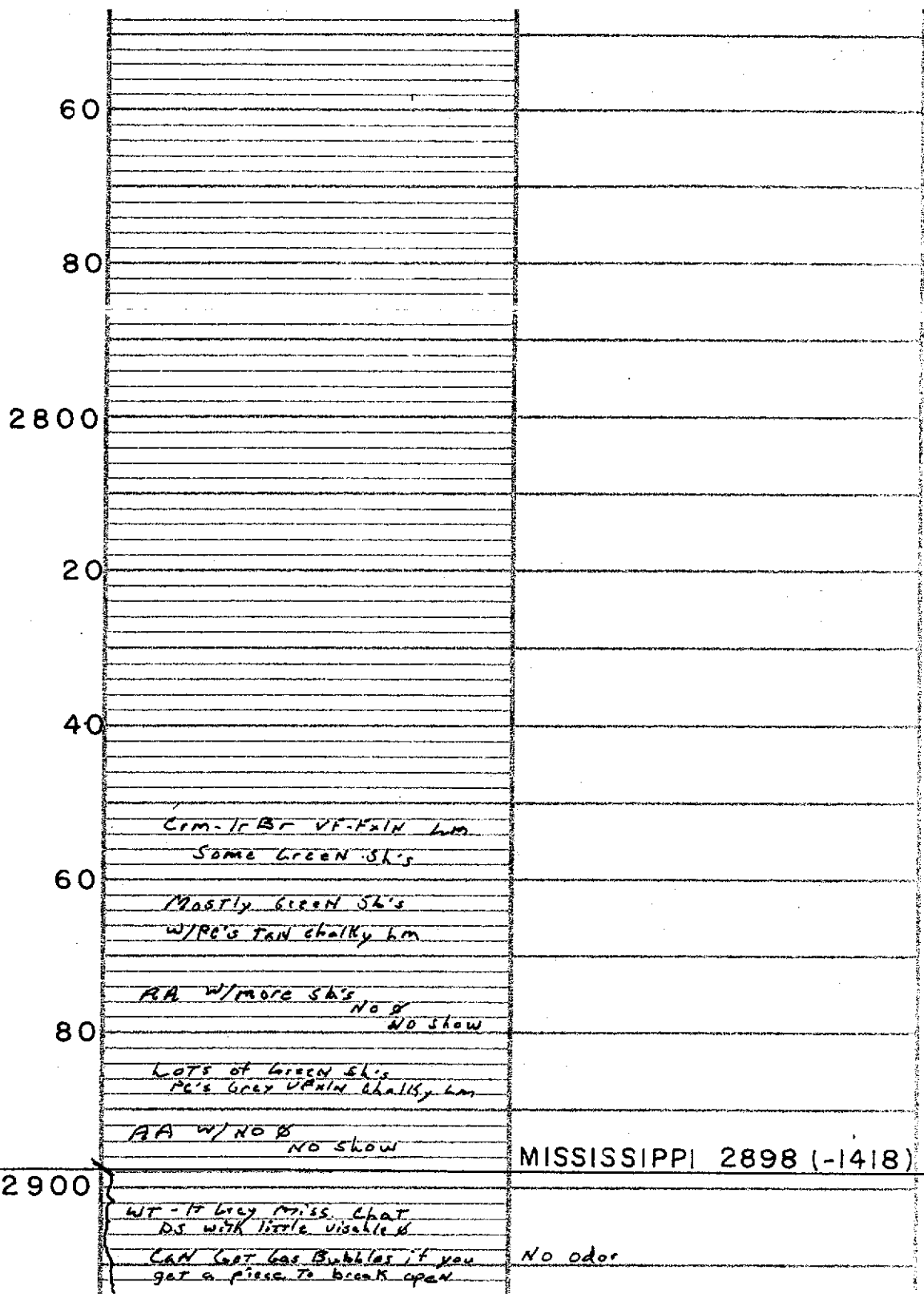
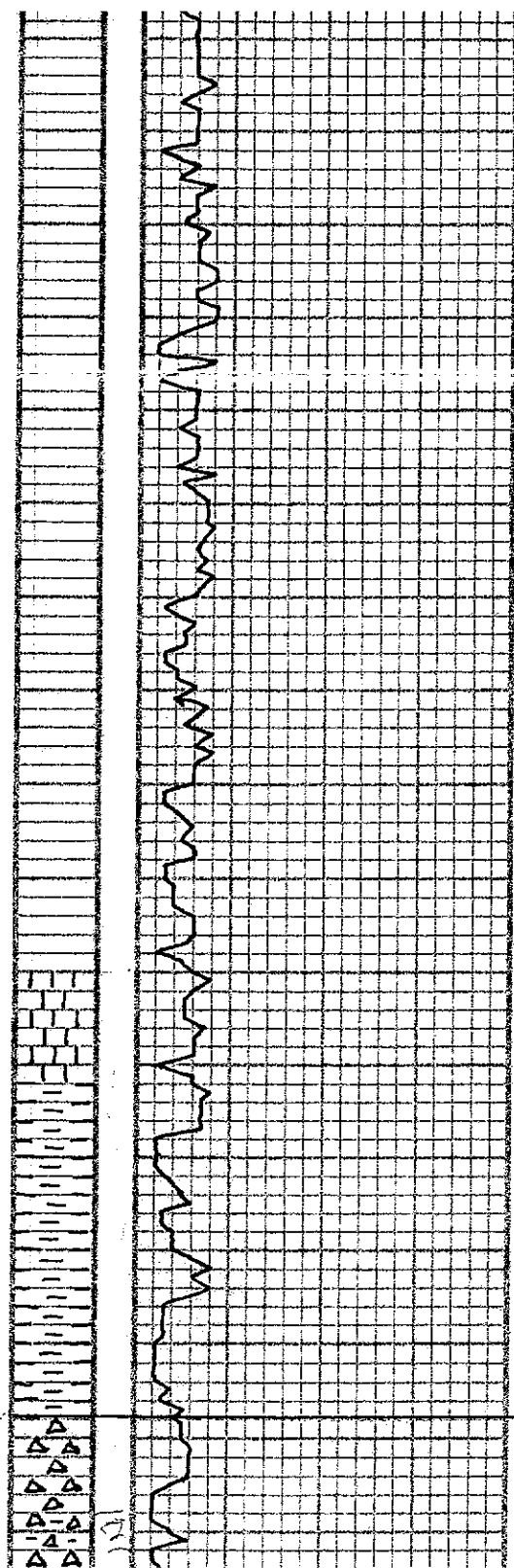
2700

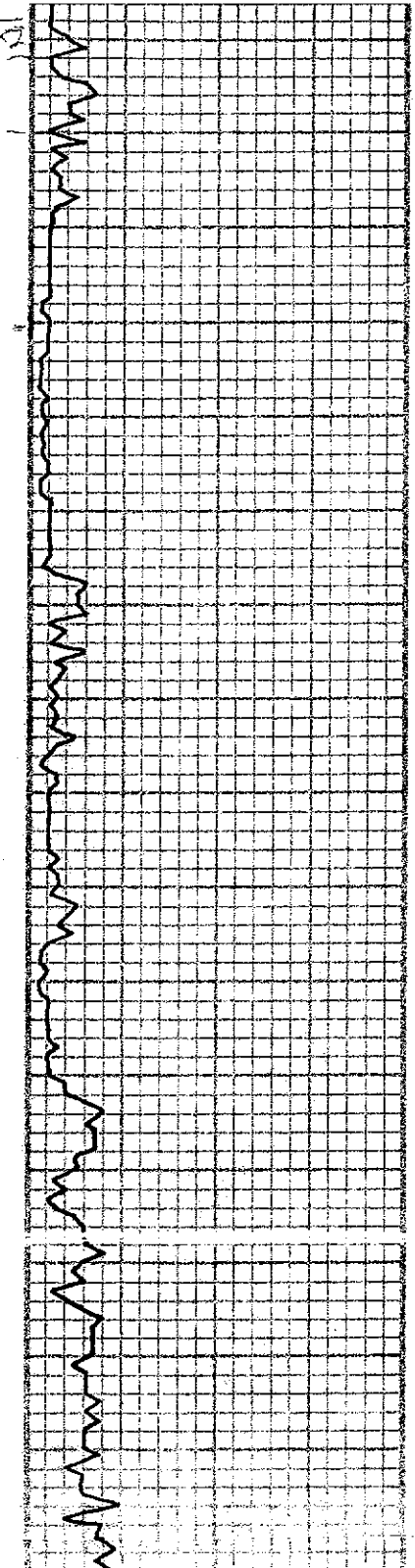
20

40

BASE KANSAS CITY 2701

(-1221)





CAN GET Gas Bubbles if you
get a piece to break open
No show of oil

20 Both Sharp + Triplicate A's

Few more Gas bubble
but harder to find

40 Few PE's WT VFAIN Dolo.
Few Green SK's

WT VFAIN DS Dolo.
PE's WT Sharp A
Fair B NO SHOW

60 Mostly WT-Br F-MAIN Dolo.
PE's WT A
Few SK's

AA w/ hood V NO SHOW

PE's WT Sharp A
Crm-Br MAIN Dolo.
Few SK's

80 AA w/less SK's NO SHOW
Fair B

Crm-WT F-MAIN DS Dolo.
PE's WT Sharp A
Few SK's

3000

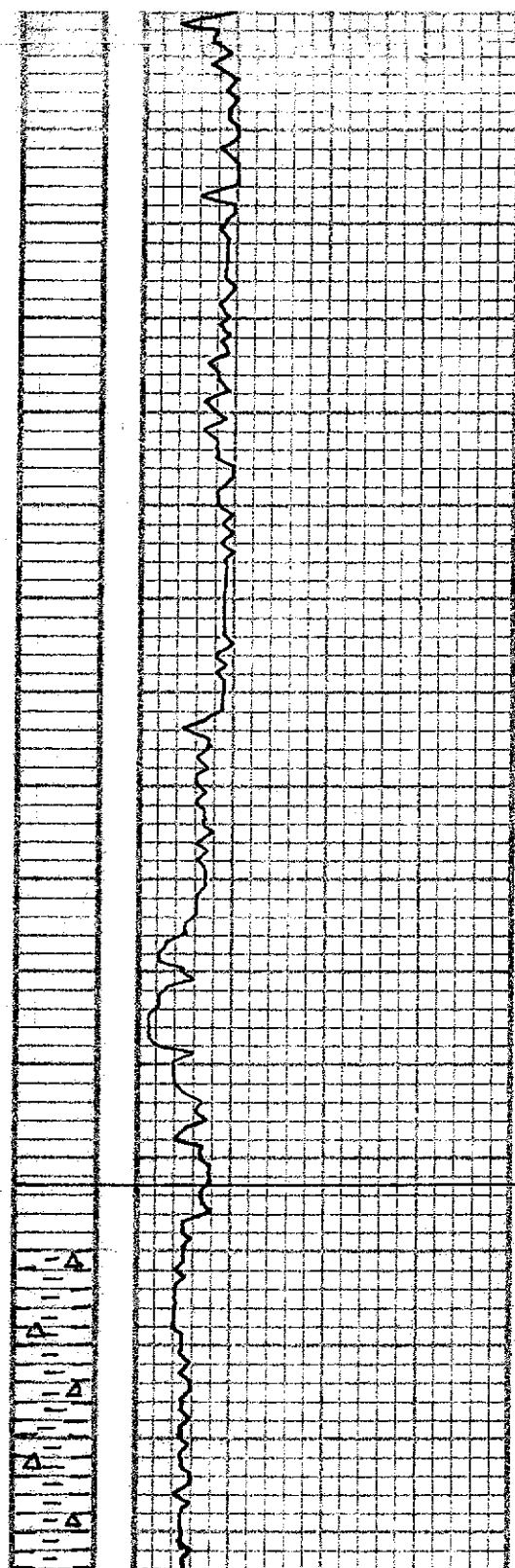
20

40

60

No odor

No odor



80
 3100
 20
 40
 60
 80
 3200
 20

KINDERHOOK 3193

(-1713)

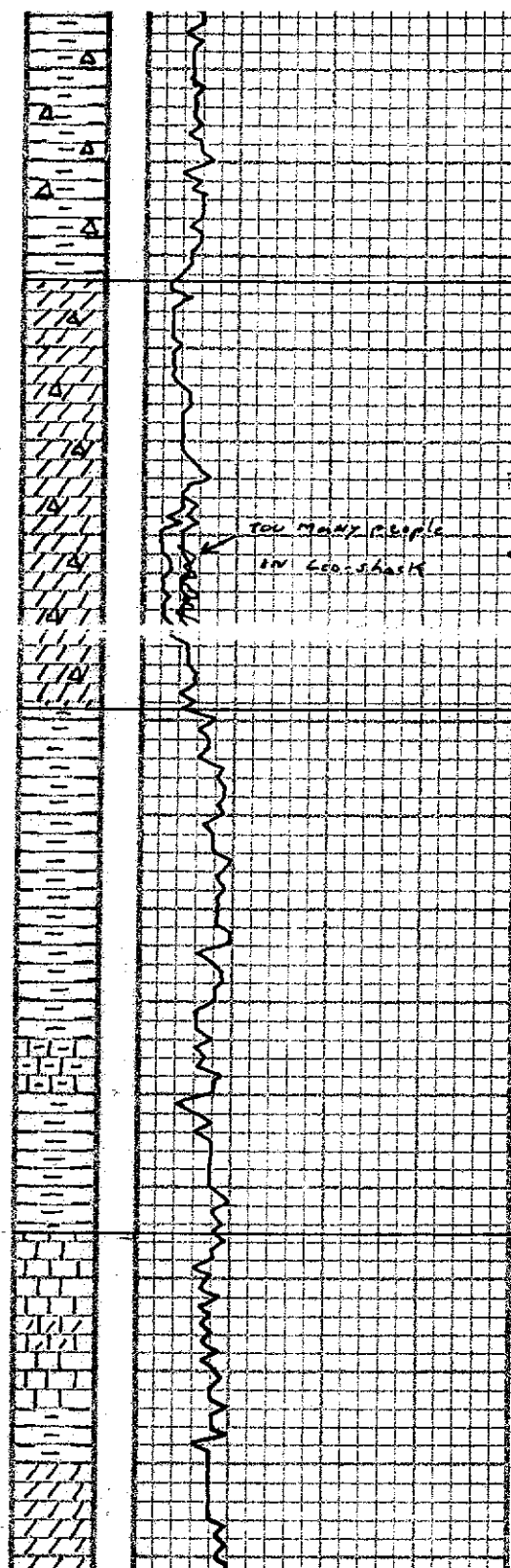
Lots of Green sh's
 Few Red sh's
 No's w/ sharp Δ

Lots of v.c. sh's
 NO B
 NO SHOW

AA NO B
 NO SHOW

Lots of v.c. sh's
 NO B
 NO SHOW

Lots of Green + Gray sh's



Lots of v. c. sh's No #
 No show

Lots of Green & Gray sh's
 Few Red sh's
 PE's WT Sharp Δ

40
 AA w/ND #
 No show

3253
 3268 } 1 shot/ft
 Great show of Free oil in
 Tan-Br. F-Main DS Dolo.
 Good # Very strong odor
 Few PE's WT Sharp Δ

3282 } 2 shot/ft
 Good show throughout
 Hunted in Crm-Br F-Main
 Dolo.
 Fair - Good # Good odor
 PE's WT Sharp Δ

3300
 Change to mostly Green sh's
 few PE's WT Sharp Δ

20
 AA w/less Δ
 No #
 NO show

More Green sh's
 No show

40
 Mostly Green sh's
 some Br-Bl v. fine chalky lm

Back to mostly Green sh's
 NO #
 No show

AA w/mostly sh's
 No #
 No show

60
 Crm - Gray thin DS lm
 PE's WT Sharp Δ
 Some Green sh's

AA w/more sh's
 NO #
 NO show

AA - No show
 Some more sh's

80
 Dark Br v. fine DS Dolo.
 No #
 No show

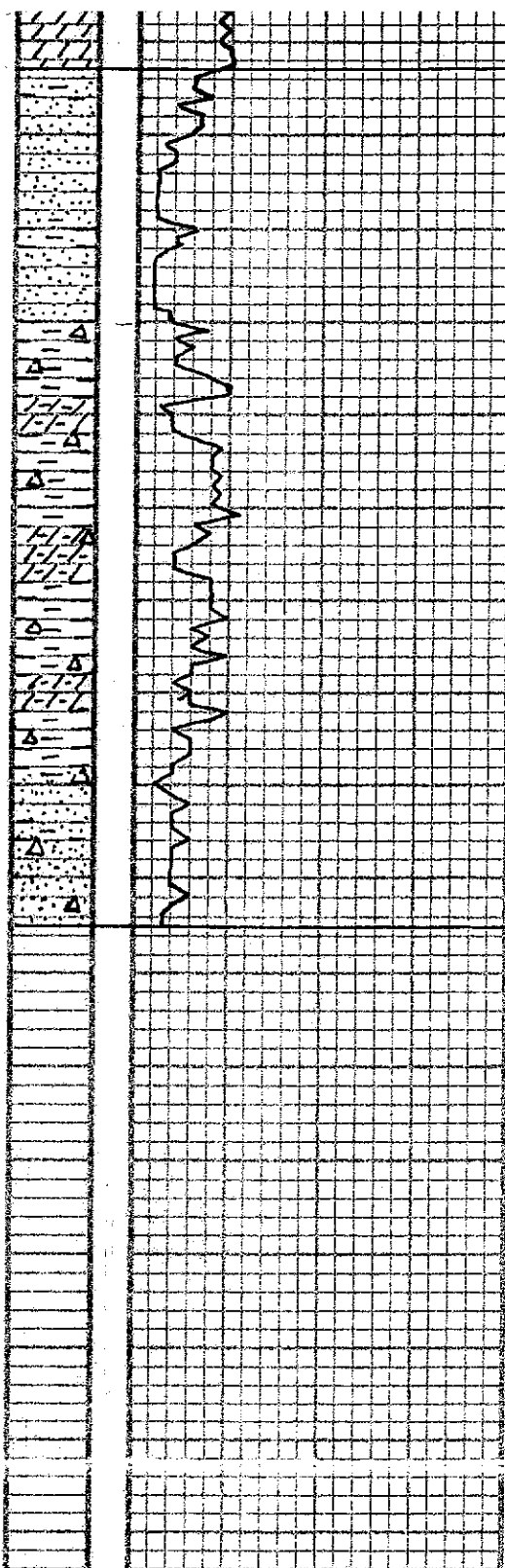
Short Trip

HUNTON 3253 (-1773)

MAQUOKETA 3299 (-1819)

VIOLA 3355 (-1875)

SIMPSON SAND 3393



3400

air
thr

20

40

60

80

3500

NO SHOW

SIMPSON SAND 3393

(-1913)

Good show of Free oil in
Clear to TAN M.G. w.s.
Sandstone Clusters
STRONG odor

Fair show AA w/Good ϕ
Good odor
some barren ϕ

Weak show in ss
More barren ϕ Light odor
LOOKS WET

LOST SHOWS CHANGED TO
MOSTLY GREEN SH'S
Few P's w/ sharp Δ

AA w/ NO ϕ NO SHOW

Green + Y.C. sh's
Few P's com sharp Δ

Mostly Green sh's
Some TAN-BI v. fine of Dolo.
P's Grey Sharp Δ

AA w/ NO ϕ NO SHOW

Clear M.G. well sorted ss
Clusters Fair ϕ NO SHOW

More ss clueter NO SHOW

RTD 3485 (-2005)