



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1086501
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: _____

1086501

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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner

Sam Brownback, Governor

July 31, 2012

Ted McHenry
Raymond Oil Company, Inc.
PO BOX 48788
WICHITA, KS 67202-1822

Re: ACO1
API 15-191-22645-00-00
Ternes 1
NW/4 Sec.25-30S-01W
Sumner County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Ted McHenry



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Raymond Oil Co. Inc.

25-30s-1w Sumner Ks.

P.O.Box 48788
Wichita Ks.67202

Ternes#1

Job Ticket: 47528

DST#: 1

ATTN: Kevin Kessler

Test Start: 2012.05.02 @ 19:30:52

GENERAL INFORMATION:

Formation: **Dennis Lime**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:07:52

Time Test Ended: 05:28:37

Test Type: Conventional Bottom Hole (Initial)

Tester: Gary Pevoteaux

Unit No: 56

Interval: 3000.00 ft (KB) To 3030.00 ft (KB) (TVD)

Reference Elevations: 1285.00 ft (KB)

Total Depth: 3030.00 ft (KB) (TVD)

1275.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 10.00 ft

Serial #: 8352 Outside

Press @ Run Depth: 362.92 psig @ 3001.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.05.02

End Date:

2012.05.03

Last Calib.:

2012.05.03

Start Time:

19:30:57

End Time:

05:28:37

Time On Btm:

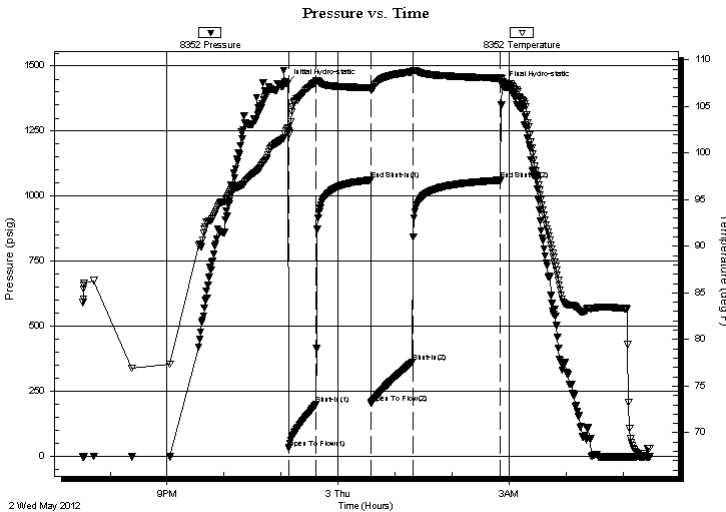
2012.05.02 @ 23:06:22

Time Off Btm:

2012.05.03 @ 02:53:07

TEST COMMENT: IF: Strong blow . B.O.B. in 5 mins.
IS: No blow .
FF: Strong blow . B.O.B. in 11 mins.
FS: No blow .

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1433.89	102.61	Initial Hydro-static
2	30.40	102.36	Open To Flow (1)
31	200.09	107.60	Shut-In(1)
88	1062.55	107.02	End Shut-In(1)
88	203.30	106.74	Open To Flow (2)
132	362.92	108.71	Shut-In(2)
225	1061.36	108.03	End Shut-In(2)
227	1426.21	107.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
640.00	SW /Rw .09ohms @ 56deg	7.88
105.00	MW 21%m 79%w	1.47

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Raymond Oil Co.Inc.

25-30s-1w Sumner Ks.

P.O.Box 48788
Wichita Ks.67202

Ternes#1

Job Ticket: 47528

DST#: 1

ATTN: Kevin Kessler

Test Start: 2012.05.02 @ 19:30:52

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:

117000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
640.00	SW /Rw .09ohms @ 56deg	7.884
105.00	MW 21%m 79%w	1.473

Total Length: 745.00 ft

Total Volume: 9.357 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

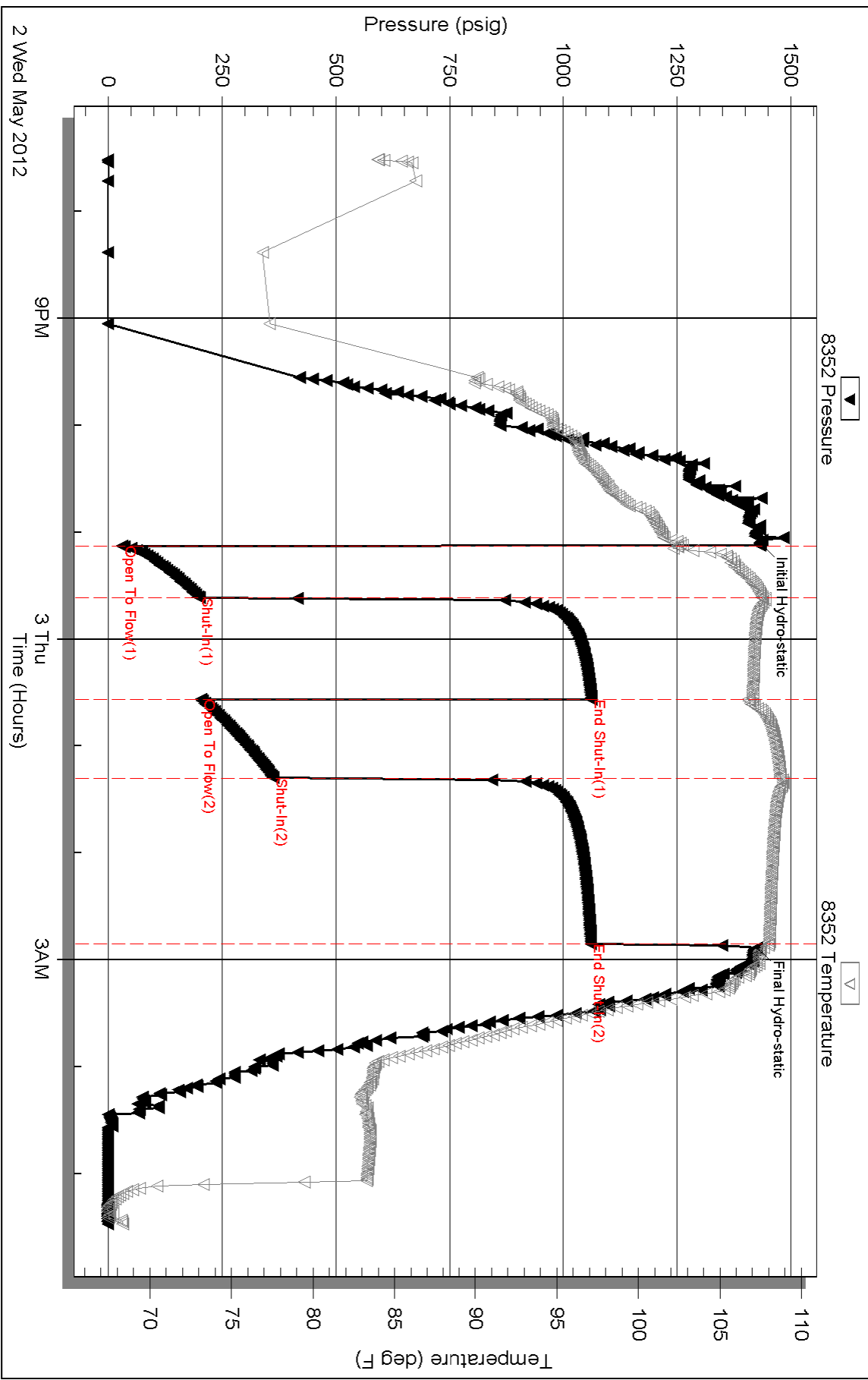
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Raymond Oil Co. Inc.

25-30s-1w Sumner Ks.

P.O.Box 48788
Wichita Ks.67202

Ternes#1

Job Ticket: 47529

DST#: 2

ATTN: Kevin Kessler

Test Start: 2012.05.07 @ 19:00:26

GENERAL INFORMATION:

Formation: **Simpson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:21:56

Time Test Ended: 07:50:56

Test Type: Conventional Bottom Hole (Reset)

Tester: Kevin Taylor

Unit No: 56

Interval: 3892.00 ft (KB) To 3952.00 ft (KB) (TVD)

Reference Elevations: 1285.00 ft (KB)

Total Depth: 3952.00 ft (KB) (TVD)

1275.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 8370 Inside

Press @ Run Depth: 94.43 psig @ 3893.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.05.07 End Date: 2012.05.08

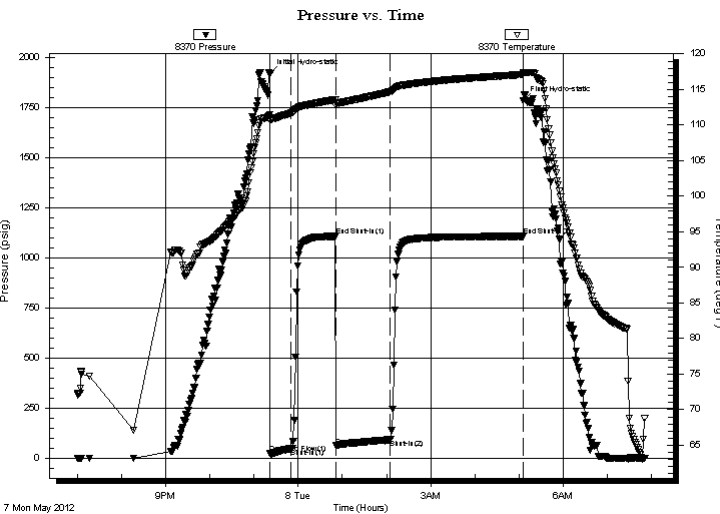
Last Calib.: 2012.05.08

Start Time: 19:00:31 End Time: 07:50:56

Time On Btm: 2012.05.07 @ 23:21:41

Time Off Btm: 2012.05.08 @ 05:05:41

TEST COMMENT: I.F. Fair Blow Building To 3 1/2" In 30 Min
I.S.I No Blow
F.F. Fair Blow Building To 10 1/8" In 75 Min
F.S.I. No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1918.83	111.45	Initial Hydro-static
1	24.93	110.73	Open To Flow (1)
28	48.62	111.66	Shut-In(1)
89	1108.20	113.57	End Shut-In(1)
89	63.35	112.78	Open To Flow (2)
164	94.43	114.68	Shut-In(2)
344	1108.34	117.10	End Shut-In(2)
344	1783.90	117.34	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
58.00	Gsy Oil Spotted Mud 15%G 85%M	0.29
58.00	Gsy Oil Cut Mud 10%G 2%O 88%M	0.29
45.00	Oil Spotted Mud 100%M	0.63

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Raymond Oil Co.Inc.

25-30s-1w Sumner Ks.

P.O.Box 48788
Wichita Ks.67202

Ternes#1

Job Ticket: 47529

DST#: 2

ATTN: Kevin Kessler

Test Start: 2012.05.07 @ 19:00:26

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: 49.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.77 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2000.00 ppm			
Filter Cake: 0.20 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
58.00	Gsy Oil Spotted Mud 15%G 85%M	0.285
58.00	Gsy Oil Cut Mud 10%G 2%O 88%M	0.285
45.00	Oil Spotted Mud 100%M	0.631

Total Length: 161.00 ft Total Volume: 1.201 bbl

Num Fluid Samples: 0

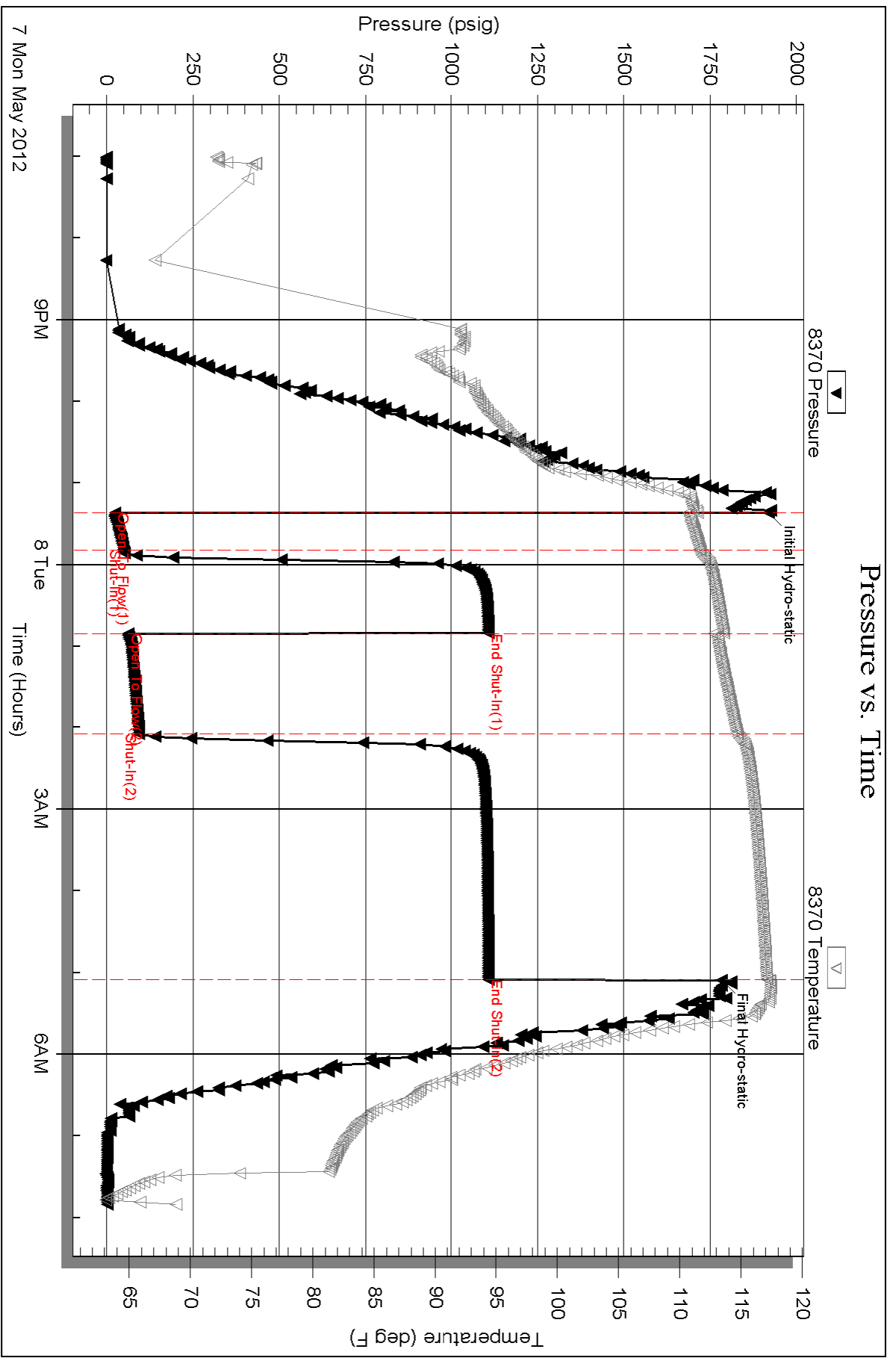
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



*Copy
M.L.K.*

KEVIN L. KESSLER
CONSULTING PETROLEUM GEOLOGIST
(316) 522-7338

OPERATOR : RAYMOND OIL COMPANY, INC.

LEASE : TERNS **WELL # : 1**

FORMATION : 246' FWL & 1029' FNL

SECTION : 25 **TWP : 30 S** **RANGE : 01 W**

COUNTY : SUMNER **STATE : KANSAS**

DRILLER : TOR : VAL DRILLING RIG # 3

DATE : 4 / 29 / 2012

COMP : 05 / 10 / 2012

LOG TD : 4059

0

START : SAVED FROM : 2400

TO: RTD

OPERATOR : LOCAL SUPERVISION FROM : 2400

TO : RTD

2300

TYPE MUD : CHEMICAL

ELEVATION

KB : 1285

GL : 1275

MEASUREMENTS FROM

KB

CASING RECORD

SURFACE :

13 3/8" @ 83'

8 5/8" @ 345'

PRODUCTION :

ELECTRICAL SURVEYS

DIL

CNL / CDL

MICRO

ION	TOP	LOG	DATUM	TOP	SAMPLE	DATUM	STRUCT. COMP.

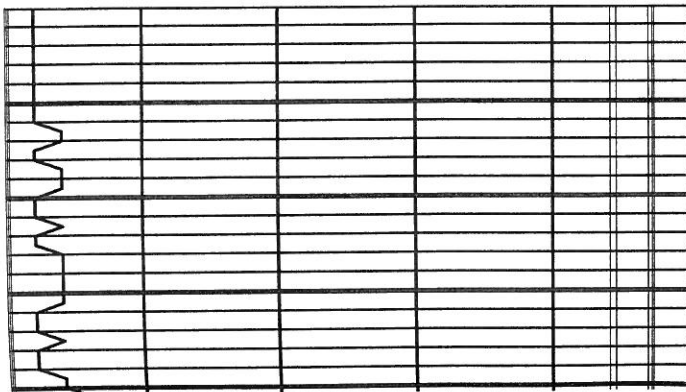
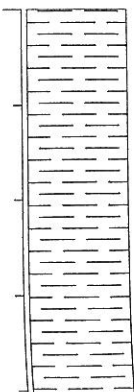
AS CITY	2908	- 1623	2908	- 1623	- 05
ISSIPPI	3546	- 2261	3546	- 2261	- 25
ERHOOK	3894	- 2609	3894	- 2609	- 01
SON	3946	- 2661	3946	- 2661	- 03
JCKLE	4054	- 2769	4054	- 2769	NA

REFERENCE WELL FOR STRUCTURAL COMPARISON :

OIL CO. # 1 SNYDER

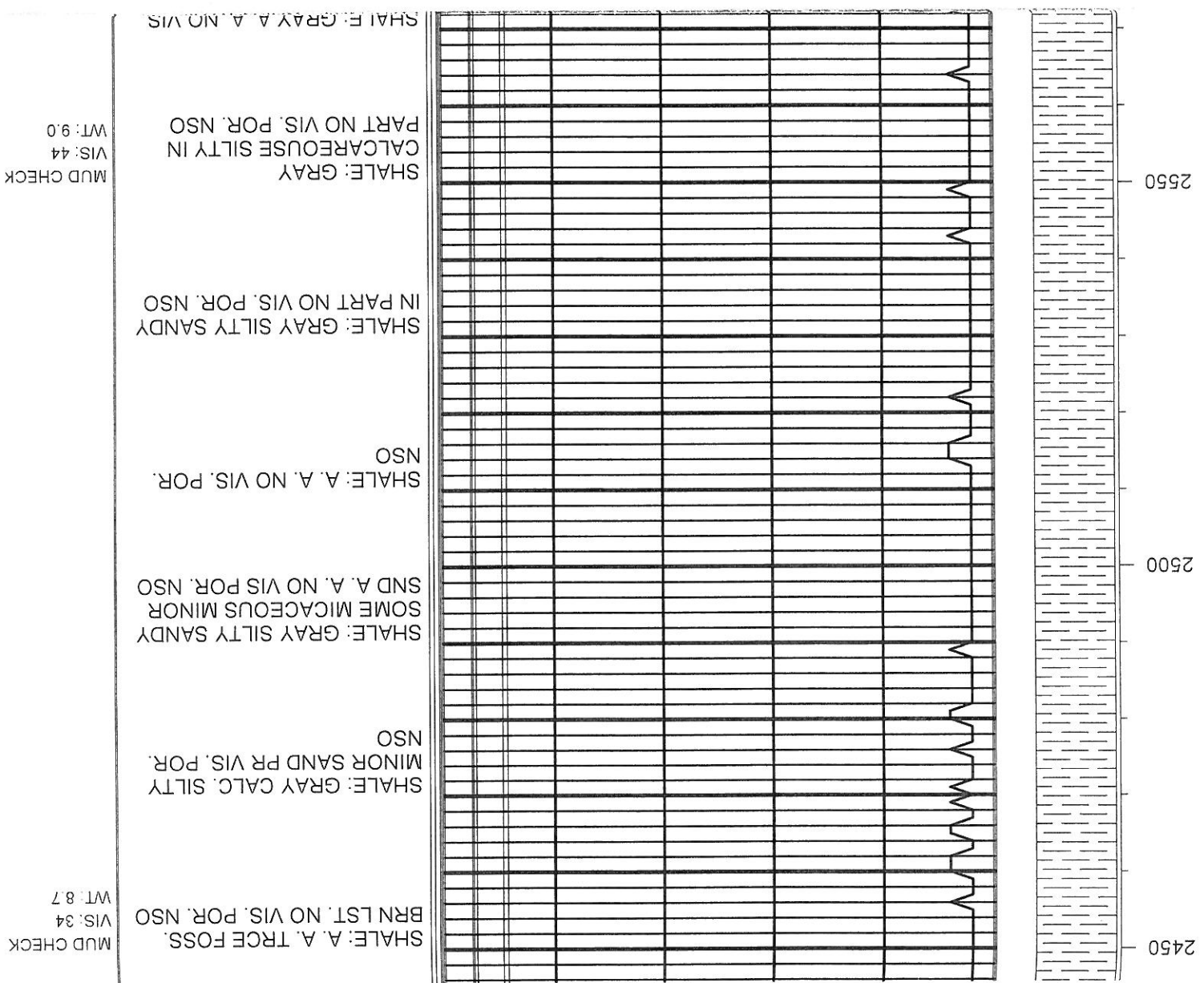
SEC.26 - T 30 S - R 01 W

SUMNER COUNTY KANSAS



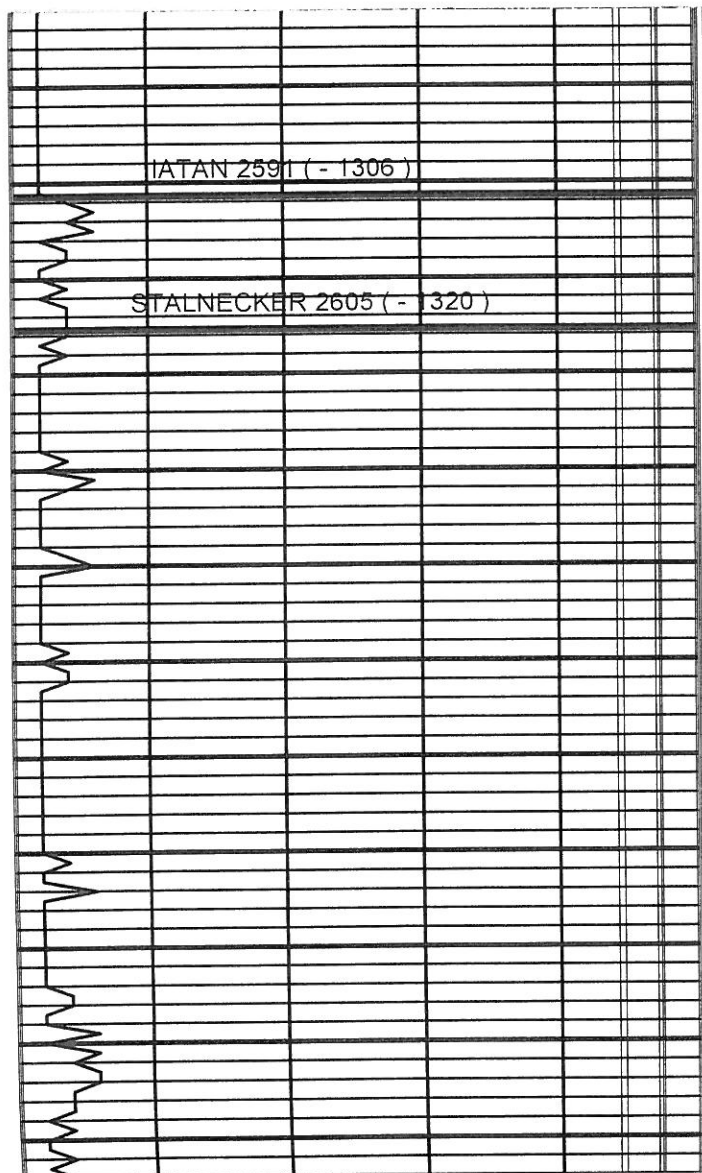
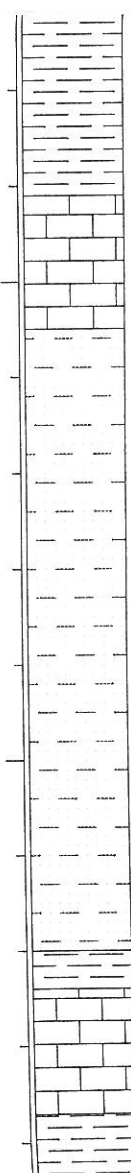
SHALE: GRAY
 CALCAREOUS SILTY
 MINOR FINE GRN SND WHT -
 CLR TIGHTLY CEMENTED
 SUB ANGULAR - WELL
 ROUNDED PR INTRGRN
 POR. NSO

SHALE: GRAY DRK GRAY
 SILTY SANDY A. A. NO VIS.



MUD CHECK
 VIS: 44
 WT: 9.0

MUD CHECK
 VIS: 34
 WT: 8.7



POR. NSO

IATAN 2591 (- 1306)

LST: TAN - BRN HARD DNSE
RARE FOSS. NO VIS POR.
NSO

STALNECKER 2605 (- 1320)

SAND: CLR - WHT SUB
ROUND WELL SORTED
HARD CLUSTERS
MICACOUSE IN PART PR VIS
POR. NSO

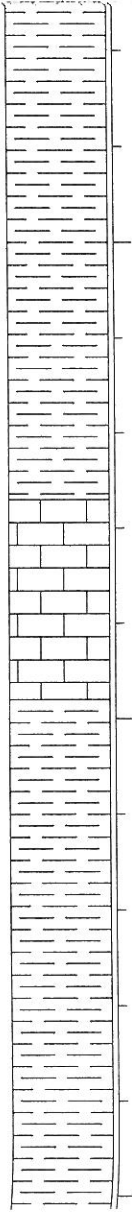
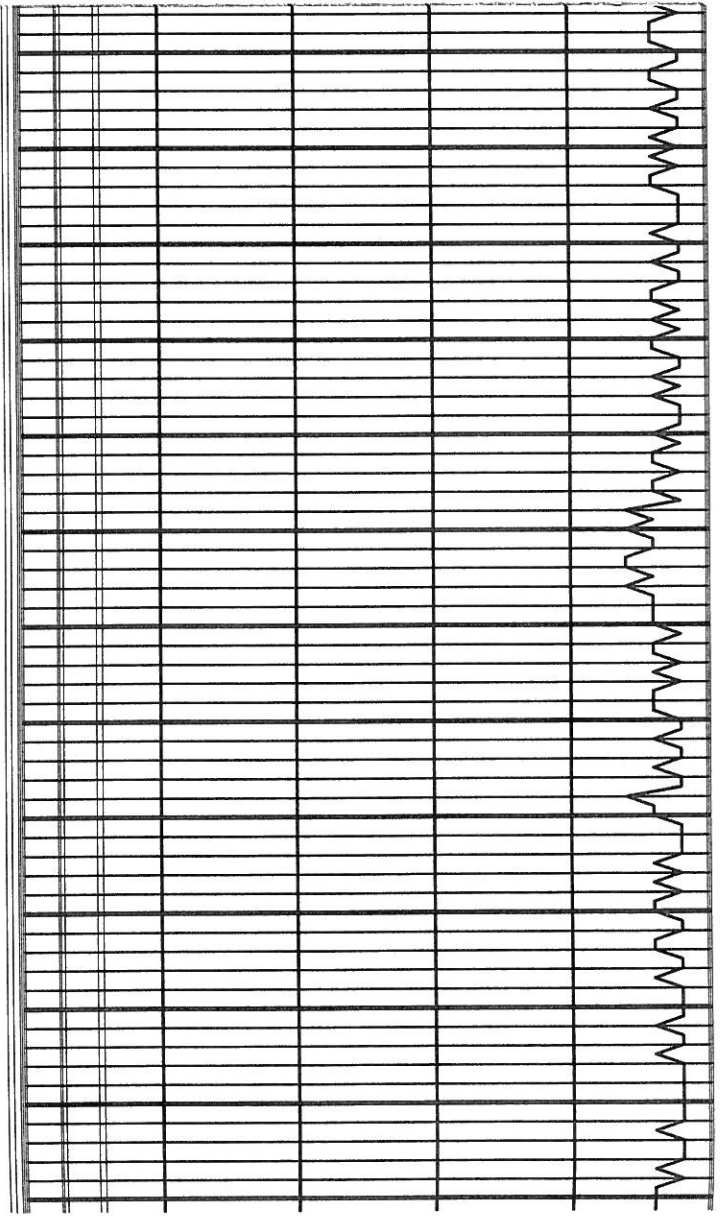
SAND: A. A. MINOR GRAY
SHALE NSO

SAND: A. A. SHLY IN PART
NSO

LST: CRM - GRAY FXTAL
DNSE HARD BLOCKY RARE
FOSS NO VIS. POR. NSO

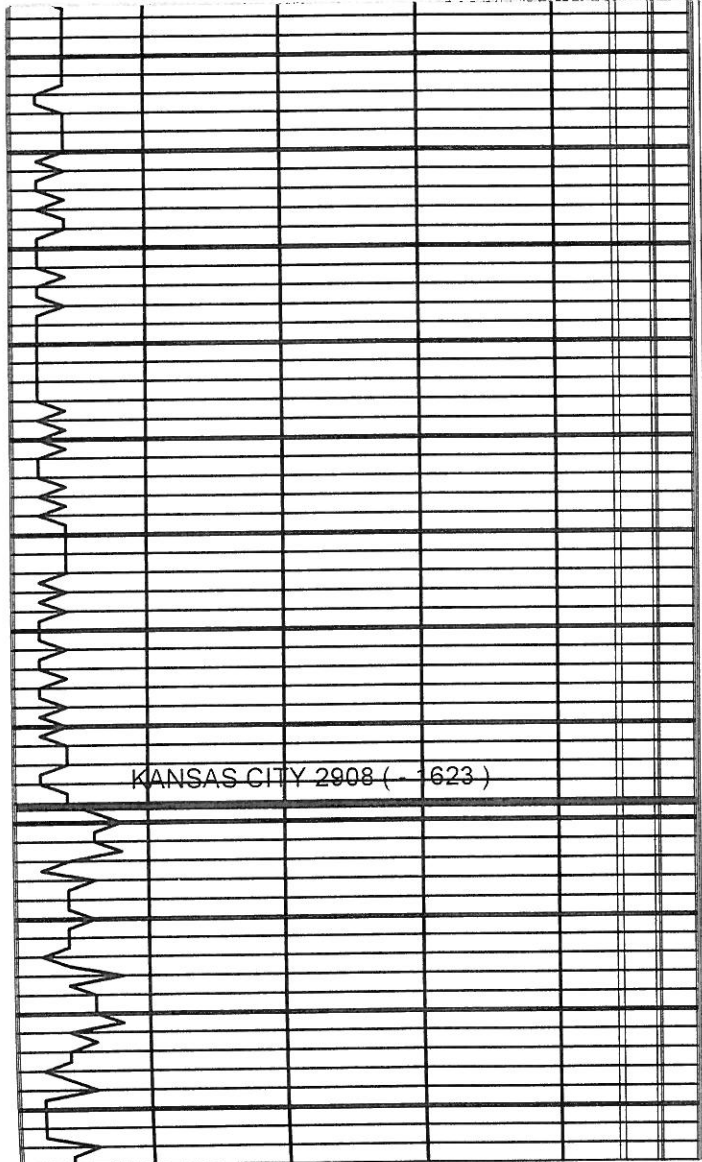
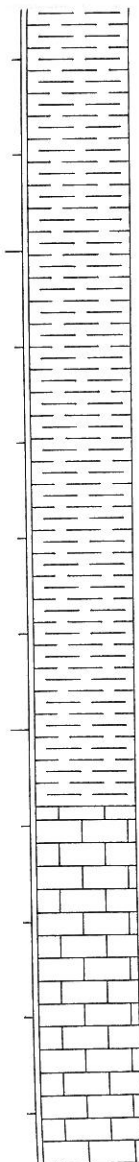
MUD CHECK @ 2650
VIS 42
WT: 9.2

LST: A. A. BECOME SHLY FR
 AMT. GRAY - DRK GRAY
 CALC. SHALE NSO
 SHALE: GRAY CALC. SILTY -
 SANDY IN PART NO VIS.
 POR. NSO
 LST: WHT - CRM FXTAL
 DNSE HARD NO VIS. POR.
 NSO
 SHALE: A. A. W/ MINOR TO
 FR AMT CRM - TAN LST. NO
 VIS. POR. NSO
 SHALE: A. A. GRAY CALC
 SILTY IN PART NO VIS. POR.
 NSO
 SHALE: GRAY SILTY MINOR
 SAND CLUST TIGHT NO VIS.
 POR. NSO



2700
 2750
 2800

MUD CHECK
 VIS: 43
 WT: 9.1



SHALE: GRAY - DRK GRAY
CALCAREOUSE SILTY IN
PART TRCE SAND NO VIS.
POR. NSO

SHALE: A. A. NO VIS. POR.
NSO

SHALE: GRAY CALC. SILTY
W/ RARE TAN - BRN HARD
LST: NO VIS. POR. NSO

SHALE: A. A. NO VIS. POR.
NSO

KANSAS CITY 2908 (- 1623)

LST: WHT - CRM FXTAL
SUBCHKY - DNSE RARE
FOSS. NO VIS. POR. NSO

LST: WHT - CRM FXTAL
SUBCHKY - DNSE MOST
BRITTLE FOSS IN PART
RARE OOLITE PR. INTRPRT.
POR. NSO

MUD CHECK @ 2850
VIS: 46
WT: 9.1

MUD CHECK (VIS: 46 WT: 9.1

DST # 1 (300

REC: 745' M

IFP: 30 - 200

ISIP: 1063#

FFP: 203 - 36

FSIP: 1061#

LST: WHT - CRM - GRAY
 FXTAL SUBCHKY - DNSE
 FOSS IN PART FR AMT
 OOLITES FR. INTRPRT.
 FOSS. POR. NSO

LST: CRM - TAN - GRAY
 FXTAL SUBCHKY - DNSE
 FOSS. IN PART MINOR
 OOLITES RARE WHITE -
 GRAY CHERT NO VIS. POR.
 NSO

LST: WHT - CRM FXTAL
 MOST DNSE SLI OOLITIC
 FOSS. IN PART PR - FR
 INTRPRT. POR. NSO

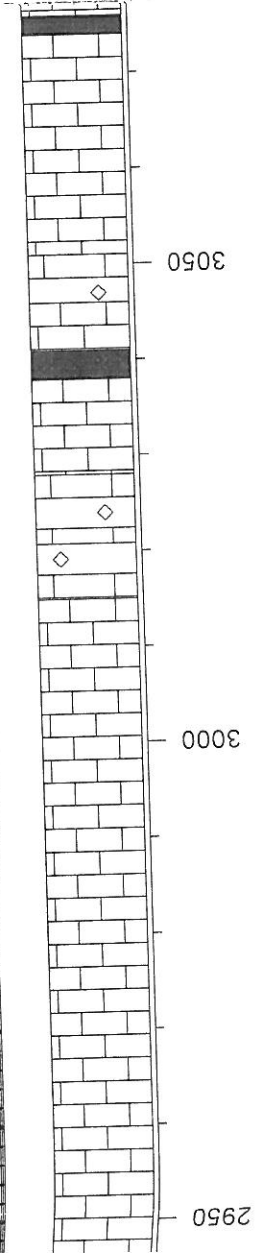
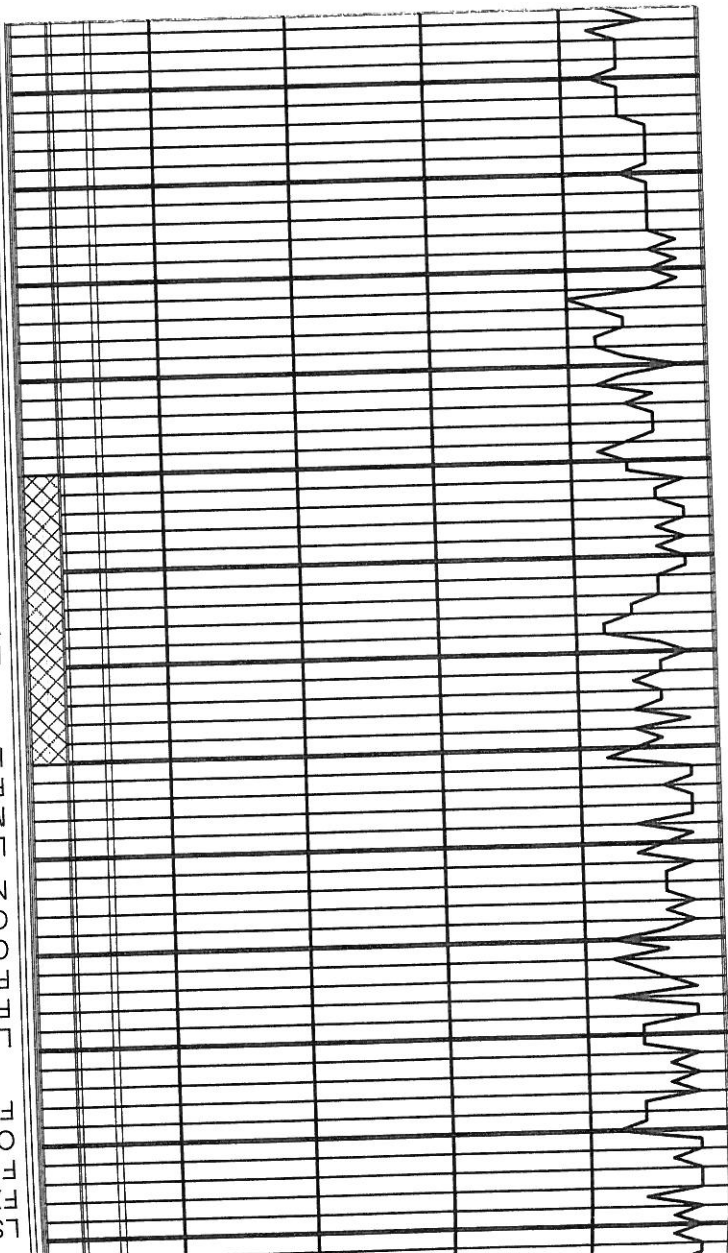
LST: A. A. MOST DNSE NO
 VIS. POR. NSO

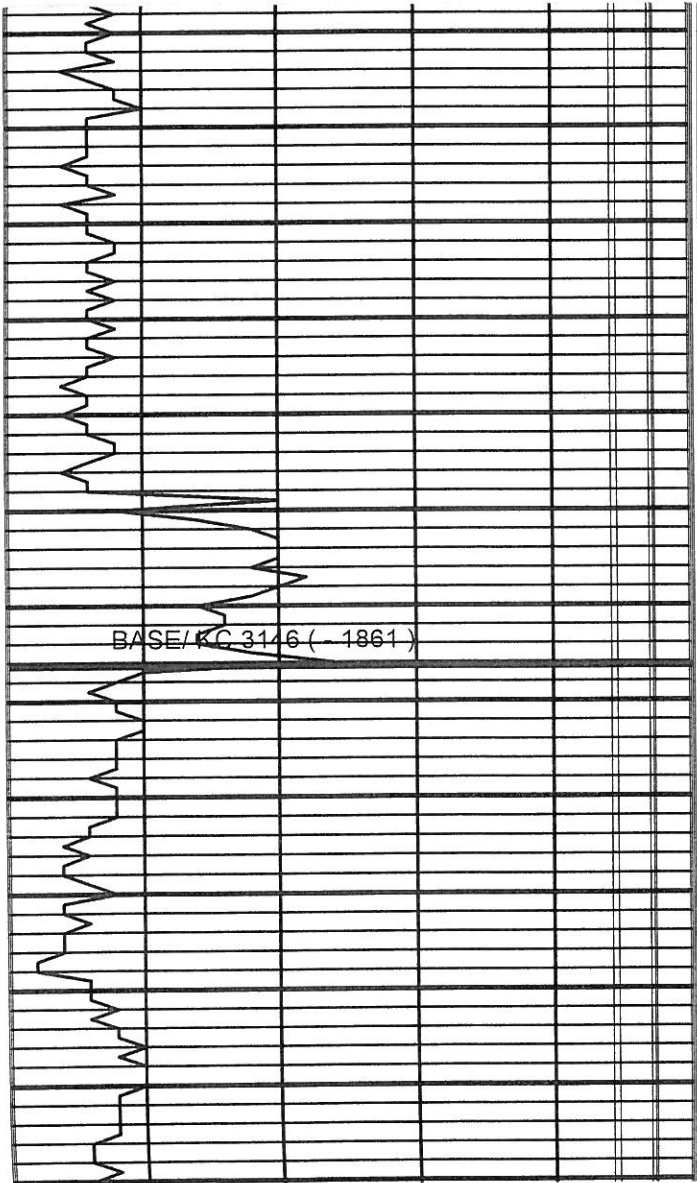
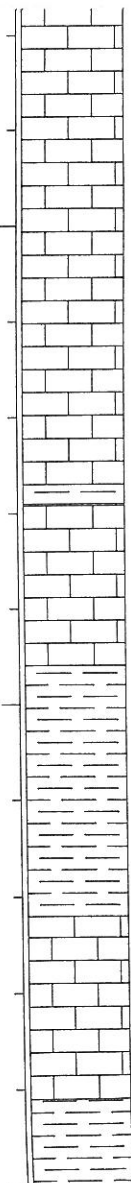
LST: CRM - GRAY FXTAL
 DNSE BRITTLE OOLICASTIC
 IN PART VSSFO GSSY ON
 BREAK SCATT LT BRN
 SUBSAT. - SAT STN FR - GD
 OOLICASTIC POR.

LST: CRM - TAN FXTAL
 MOST DNSE FOSS IN PART
 NO VIS. POR NSO FR AMT
 BLK CARB. SHALE

LST: A. A. NSO W/ BLACK
 CARB. SHALE

MUD CHECK VIS: 48 WT: 9.2





BASE/KC 3146 (- 1861)

LST: CRM - TAN GRAY FXTAL
SUBCHKY - DNSE HARD
FOSS IN PART NO VIS. POR.
NSO

LST: A. A. HARD DNSE
BLOCKY FOSS IN PART NO
VIS. POR. NSO

LST: CRM - GRAY FXTAL
DNSE BLOCKY NO VIS. POR.
NSO

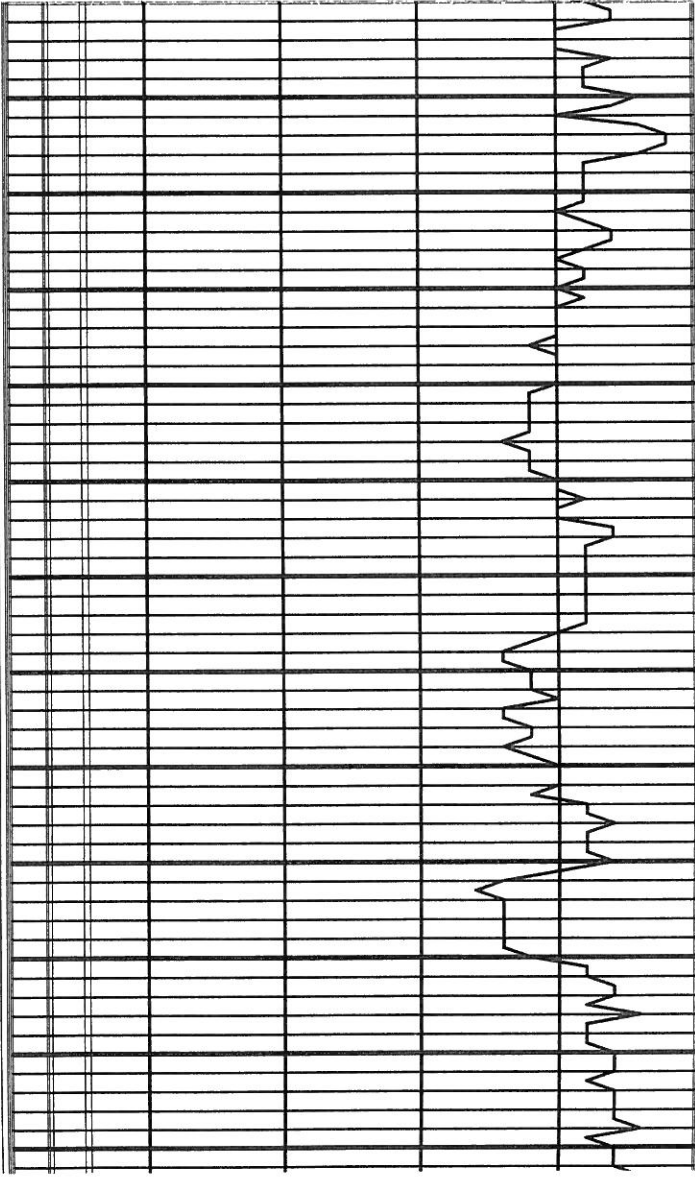
SHALE: GRAY - BRN ARGIL.
IN PART NO VIS. POR. NSO

SHALE: A. A. NSO

LST: CRM - GRAY FXTAL
DNSE BLOCKY SLI FOSS NO
VIS. POR. NSO

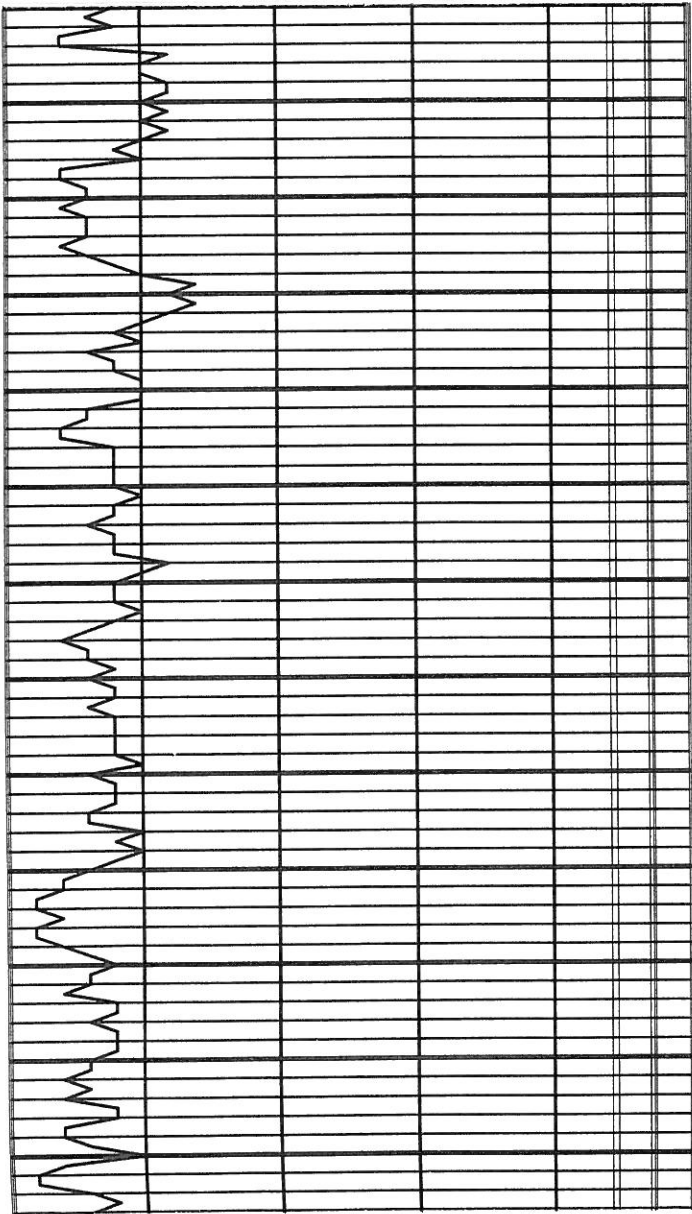
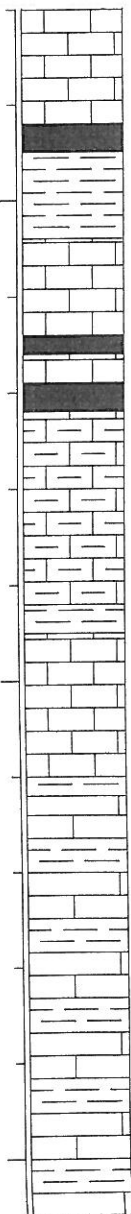
MUD CHECK @ 3150
VIS: 48
WT: 9.2

ARGILLACEOUS IN PART
 EARTHY NO VIS. POR. NSO
 SHALE: A. A. NSO
 LST: CRM - TAN - BRN FXTAL
 DNSE BLOCKY MICRITIC IN
 PART NO VIS. POR. NSO
 LST: CRM - TAN FXTAL DNSE
 NO VIS. POR. NSO FR AMT
 VIS: 46
 WT: 9.3
 MUD CHECK @ 3250
 SHALE: BRN EARTHY NSO
 LST: CRM - TAN - BRN FXTAL
 DNSE HARD BLOCKY RARE
 FOSS. NO VIS. POR. NSO
 LST: A. A. SHLY IN PART NO
 VIS. POR. NSO
 LST: A. A. FR AMT BLK
 CARB. SHALE NSO
 LST: CRM - GRAY FXTAL
 DNSE BRITTLE MICRITIC IN



3300

3250



DNSE DRK GRAY MICRITIC IN
PART RARE FOSS. NO VIS.
POR. NSO

LST: A. A. NSO

SHALE: GRAY - DRK GRAY -
BLACK CARB. NO VIS. POR.
NSO

LST: CRM - GRAY FXTAL
SUBCHKY - DNSE MICRITIC
IN PART VOID OF FOSS. NO
VIS. POR. NSO

LST: CRM - TAN FXTAL
SUBCHKY - DNSE SHLY IN
PART NO VIS. POR. NSO

LST: CRM - GRAY FXTAL
DNSE BLOCKY HARD
MASSIVE RARE FOSS NO
VIS. POR. NSO FR AMT
GRAY SHALE

SHALE: GRAY - DRK GRAY -
BLACK CARB. W/
INTRBEDDED GRAY DNSE
PLATY LST. NO VIS. POR.
NSO

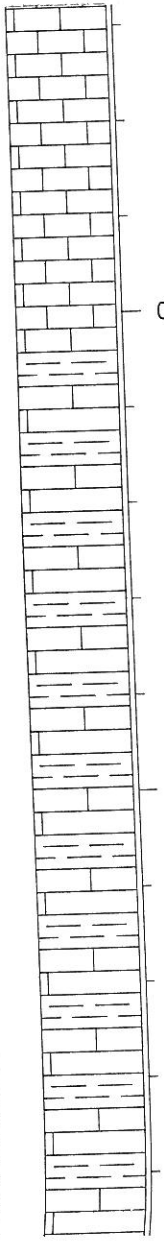
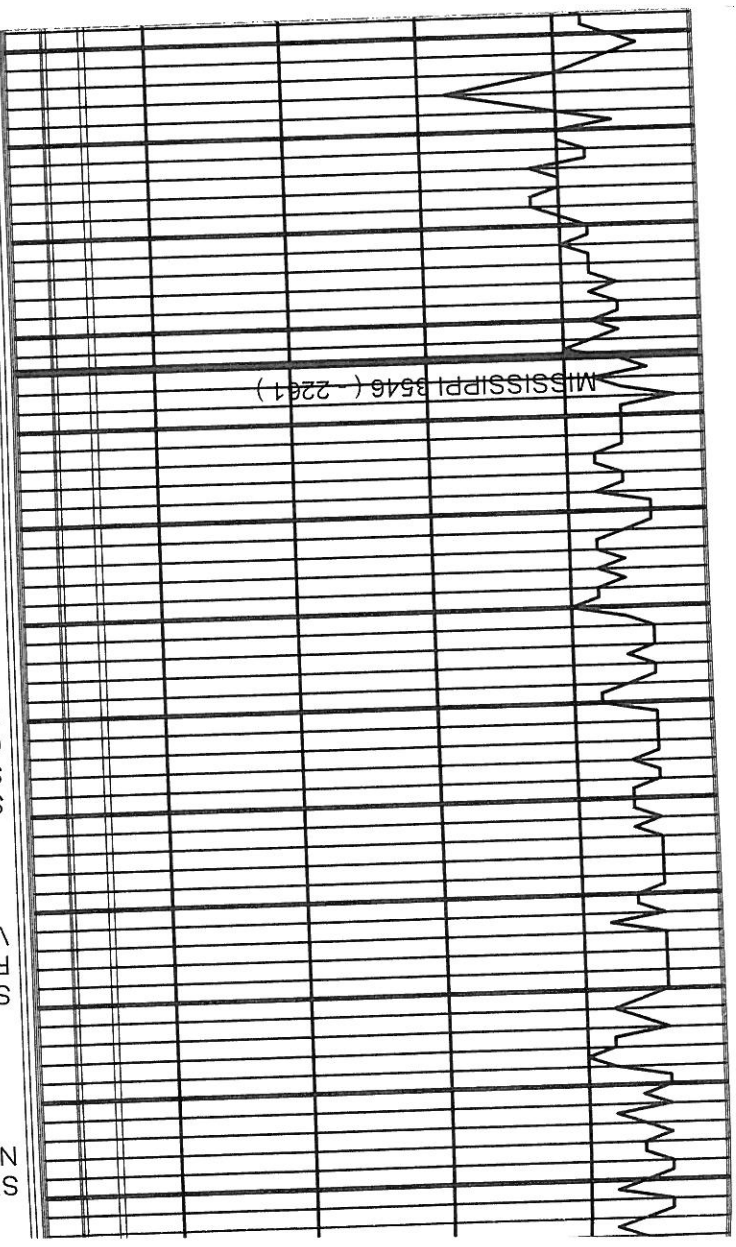
SHALE: GRAY - DRK GRAY
FISSILE IN PART W/
INTRBEDDED GRAY LST. NO
VIS. POR. NSO

MUD CHECK @ 3350
VIS: 48
WT: 9.2

MUD CHECK @ 3450
VIS: 47

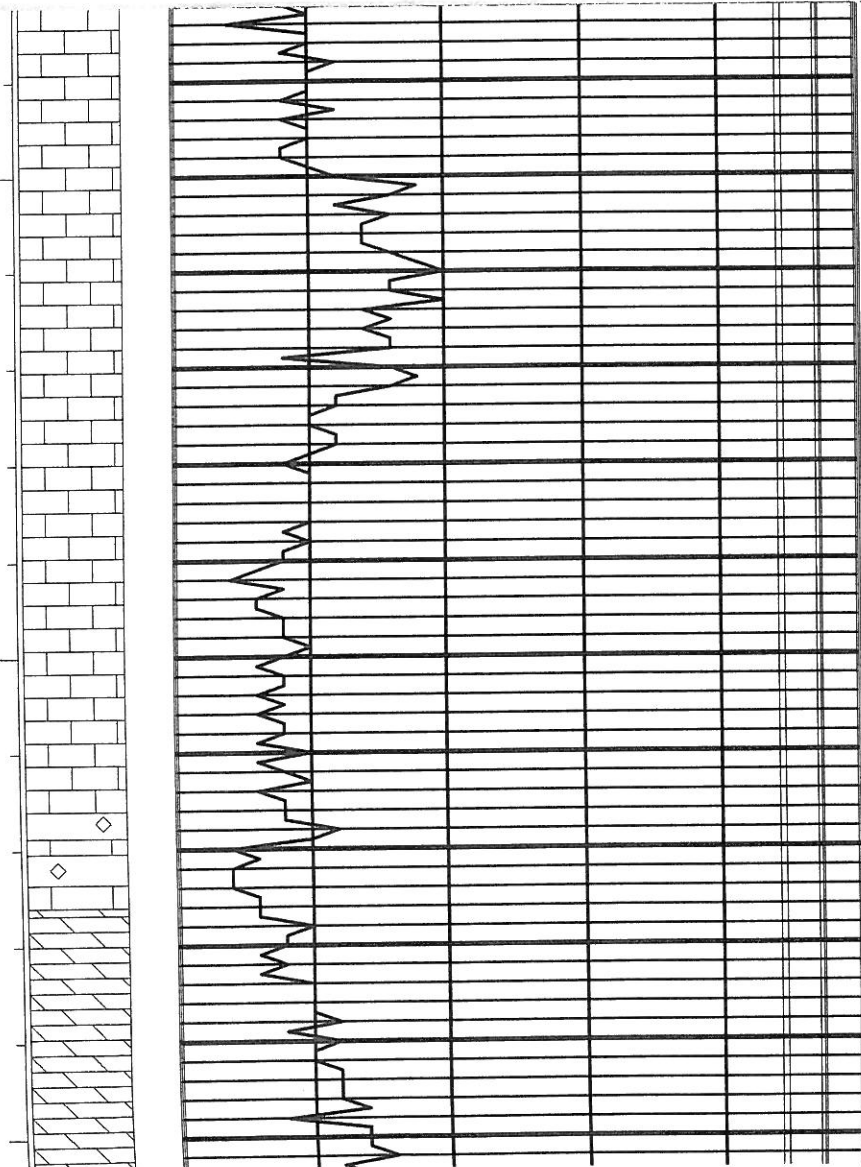
MUD CHE
VIS: 49
WT: 9.2

SHALE: A. A. NO VIS. POR. NSO
SHALE: A. SILTY IN PRT RARE GRAIN OF SAND NO VIS. POR. NSO
SHALE: GRAY - DRK GRAY SILTY IN PART FEW LOOSE GRAINS SAND NO VIS. POR. NSO
SHALE: A. SILTY - SANDY IN PART NOV IS. POR. NSO
SHALE: VC. ROTTEN MOST GRAY - BRN - YELLOW - MAROON FEW GRAINS SAND RARE WEATHERED CHERT NO VIS. POR. NSO
LST: WHT - CRM FXTAL SUBCHKY - DNSE SLI FOSS MINOR CHERT NO VIS. POR. NSO
I ST. WHT - CRM FXTAL



3550

3500



MOST DNSE CHERTY IN
PART SLI FOSS. NO VIS.
POR. NSO

LST: A. A. DNSE BLOCKY
CHERTY IN PART NO VIS.
POR. NSO

LST: CRM - GRAY - WHITE
FXTAL DNSE HARD BLOCKY
FR AMY WHT - GRAY CHERT
FOSS IN PART NO VIS. POR.
NSO

LST: WHT - CRM FXTAL A. A.
CHERTY IN PART NO VIS.
POR. NSO

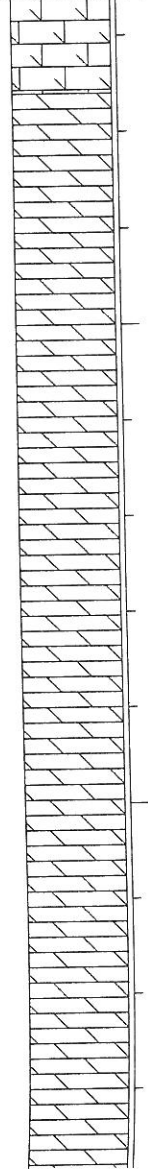
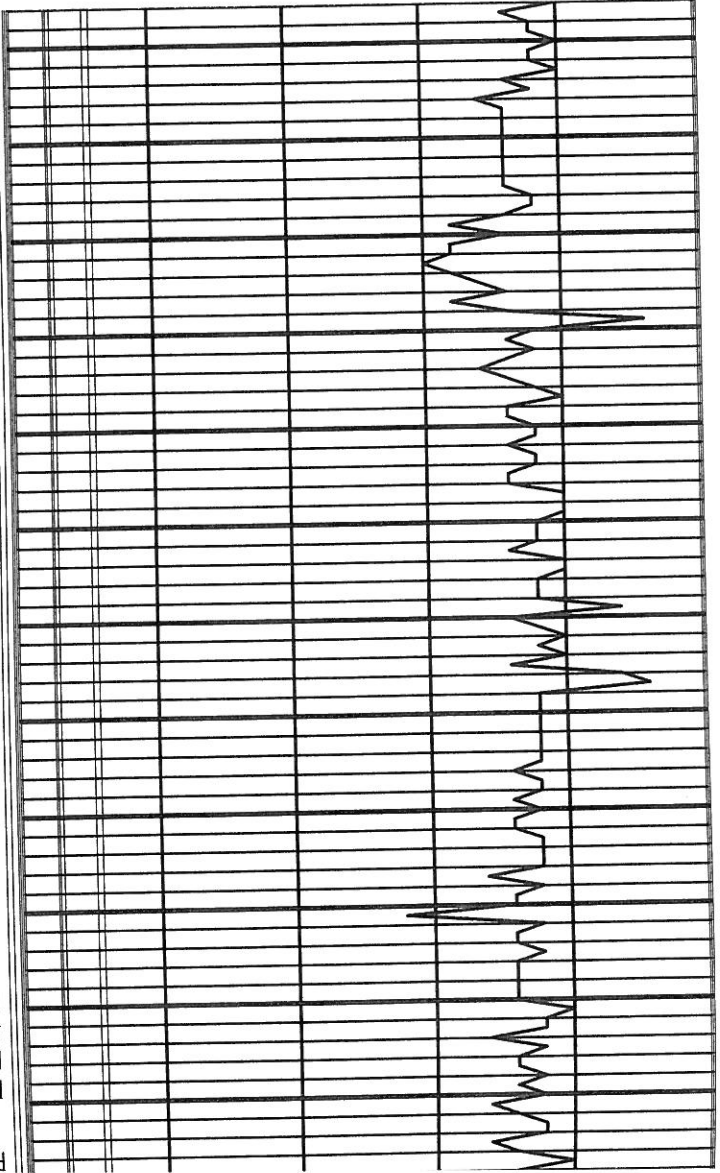
LST: A. A. NO VIS. POR. NSO

LST: A. A. W/ MINOR TAN -
BRN DOLO. DNSE HARD NO
VIS. POR. NSO

DOLO: TAN - BRN FXTAL

MUD CHECK @ 3650
VIS: 49
WT: 9.3

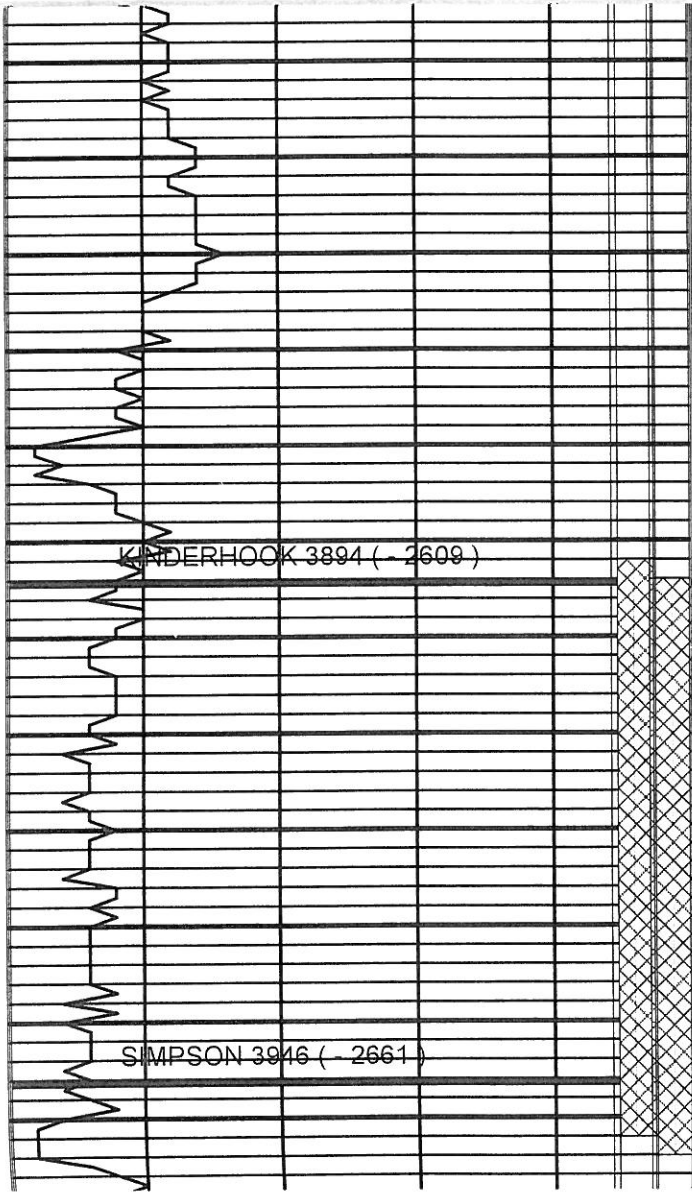
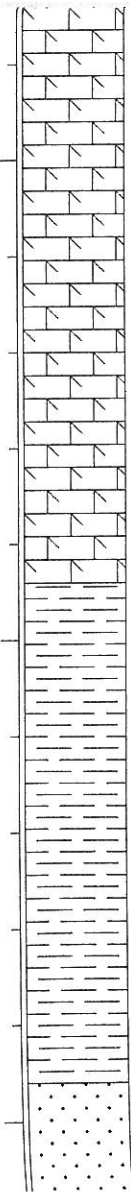
DOLO: TAN - BRN FXTAL
 DNSE HARD MASSIVE
 SUCROSIC CHERTY IN PART
 NO VIS. POR NSO
 DOLO: A. A. CHERTY IN
 PART NO VIS. POR. NSO
 MUD CHECK
 VIS: 46
 WT: 9.4
 DOLO: TAN - BRN DNSE
 FXTAL SUCROSIC CHERTY
 IN PART NO VIS. POR. NSO
 DOLO: CRM - TAN - BRN
 FXTAL DNSE BRITTLE
 MASSIVE SUCROSIC
 CHERTY IN PART NO VIS.
 POR. NSO
 DOLO: A. A. NO VIS. POR.
 NSO
 DOLO: CRM - TAN - BRN
 FXTAL DNSE HARD BRITTLE
 SUCROSIC FR AMT GRAY
 CHERT NO VIS. POR. NSO



3800

3750

POR. NSO



DOLO: A. A. NO VIS. POR.
NSO

DOLO: TAN - BRN FXTAL
DNSE BLOCKY MASSIVE
CHERTY IN PART NO VIS.
POR. NSO

DOLO: A. A. CHERTY IN
PART NO VIS. POR. NSO

KINDERHOOK 3894 (- 2609)

SHALE: GRAY - GREEN - TAN
- BRN EARTHY SILTY IN
PART NO VIS. POR. NSO

SHALE: A. A. NO VIS. POR.
NSO

SIMPSON 3946 (- 2661)

SHALE: GRAY - GREEN - TAN
- BRN ARGILACEOUS IN
PART TRC SND NO VIS. POR.
NSO

SAND: CLR QTZ. SUBROUND
- WELL ROUNDED WELL
SORTED GRAINABLE

MUD CHECK @ 3850
VIS: 48
WT: 9.2

DST # 2 (3892 - 3952)
REC: 45' OSM
58' GOCM 2% O
58' GOSPM
IFP: 25 - 49#
ISIP: 1108#
FFP: 63 - 94#
FSIP: 1108#

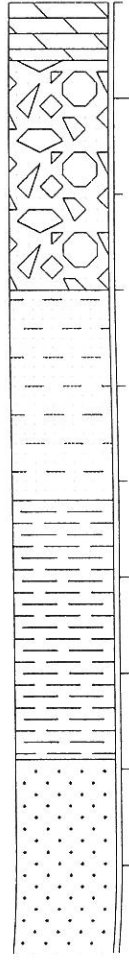
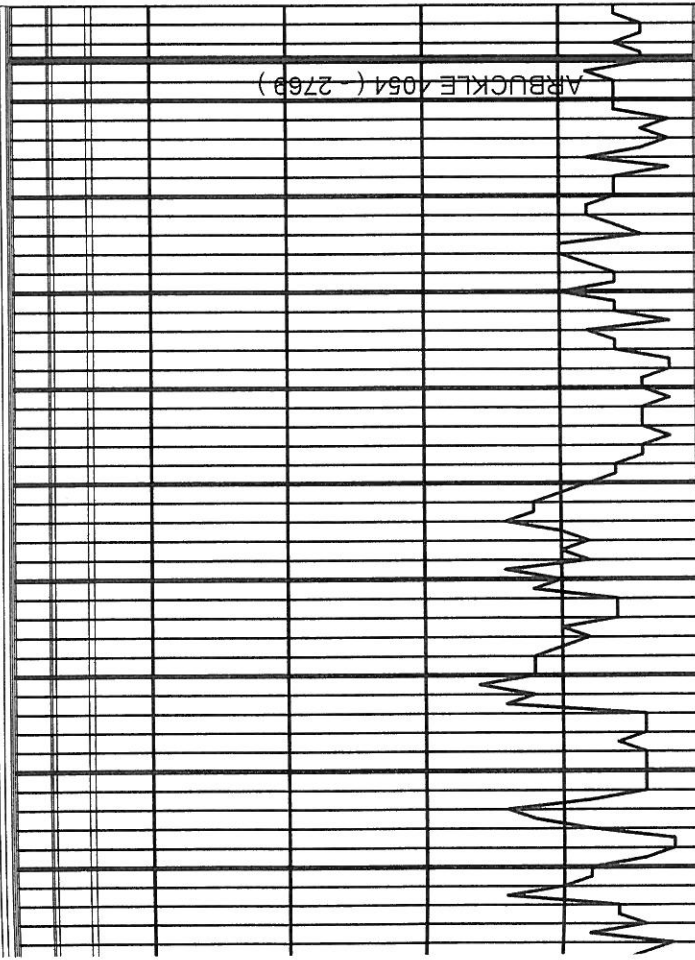
DST # 3 (3894 - 3954)
REC: 409' OSPMW
IFP: 26 - 95#
ISIP: 1100#
FFP: 101 - 165#
FSIP: 1099#

MUD CHECK @ 3950
VIS: 48
WT: 9.3

COMMENTS.

RTD = 4060 L

ODOR SPTY LT BRN STN
VRY GD INTGRANULAR POR.
SAND A. A. LESS SHOW
ODOR STILL PRESENT
SAND : FN - MED GRN QTZ.
A. A. NSO
SHALE: GRAY - GRN NO VIS.
POR NSO
SAND : A. A. NO SHOW OR
ODOR
CGL: VC SHALE SND. A. A.
MINOR WEATH. CHERT NSO
A. A. V.C. SHALE W/ DOLO.
WHT - GRM - GRAY COARSE
XTAL DNSE HARD GD
RHOMBIC DEVELOPMENT
PR INTRXTAL POR. NSO



4050

4000

DUE TO NEGATIVE STRUCTURE AND DST RESULTS THIS WELL

WAS PLUGGED AND ABANDONED

KEVIN L. KESSELI