



KANSAS CORPORATION COMMISSION 1091813
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 # 33036
Name: Strata Exploration, Inc.
Address 1: PO BOX 401
Address 2: _____
City: FAIRFIELD State: IL Zip: 62837 + 0401
Contact Person: John R Kinney
Phone: (618) 842-2610
CONTRACTOR: License # 5142
Name: Sterling Drilling Company
Wellsite Geologist: Jon Christensen
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
 Conv. to GSW

Plug Back: _____ Plug Back Total Depth _____

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

ENHR Permit #: _____

GSW Permit #: _____

<u>04/13/2012</u>	<u>04/23/2012</u>	<u>05/11/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-097-21723-00-00

Spot Description: _____

NE NW SE NE Sec. 4 Twp. 28 S. R. 18 East West

1582 Feet from North / South Line of Section

667 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Kiowa

Lease Name: Aaron Einsel Well #: 3-4

Field Name: _____

Producing Formation: Miss

Elevation: Ground: 2200 Kelly Bushing: 2207

Total Depth: 4896 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 580 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: 8000 ppm Fluid volume: 1800 bbls

Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite: _____

Operator Name: Roberts Recources

Lease Name: MARY License #: 32781

Quarter NW Sec. 16 Twp. 29 S. R. 18 East West

County: Kiowa Permit #: D28396

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: 08/25/2012
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: NAOMI JAMES Date: 08/27/2012



1091813

Operator Name: Strata Exploration, Inc. Lease Name: Aaron Einsel Well #: 3-4
 Sec. 4 Twp. 28 S. R. 18 East West County: Kiowa

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 checked="" type="checkbox"/> Yes <input 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: Microlog Comp Density Neutron Halliburton Induction	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum see geo attached report
---	--

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	23	580	See cement ticket	350	See cement ticket
Longstring	7.875	5.5	15.5	4894	see cement ticket	200	see cement ticket

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
3	Miss chert	500gal 10%MCA FE	4792-4810
		1000gal 10%Hcl/Fe/Ne	
		430bbl Profrac LG2500	

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 checked="" 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: <u>4792-4810</u>
--	---	--



PAID
4-30-12
FNB SP# 8414

PAGE	CUST NO	INVOICE DATE
1 of 1	1004072	04/17/2012
INVOICE NUMBER		
1718 - 90881190		

Pratt (620) 672-1201
 B STRATA EXPLORATION
 I PO Box: 401
 L FAIRFIELD
 L IL US 62837
 T
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Aaron Einsele 3-4
 O LOCATION
 B COUNTY Kiowa
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T
 E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE																									
40452784	27463		Net - 30 days	05/17/2012																									
		QTY	U of M	UNIT PRICE	INVOICE AMOUNT																								
<i>For Service Dates: 04/13/2012 to 04/13/2012</i>																													
0040452784																													
171806126A Cement-New Well Casing/Pi 04/13/2012 Cement 8 5/8" Surface																													
<table border="1" style="float: right;"> <tr> <td>LEASE</td> <td>LEV</td> <td>P/P</td> </tr> <tr> <td>4/20 A. EINSEL #3-4</td> <td>5</td> <td>4/20</td> </tr> <tr> <td>DES</td> <td></td> <td>A/P</td> </tr> <tr> <td>CEMENT SURF CASING</td> <td></td> <td>4/25</td> </tr> <tr> <td>DRILL</td> <td>COM</td> <td>LOE</td> <td>G/L</td> </tr> <tr> <td>X</td> <td></td> <td></td> <td>71730/9239.06</td> </tr> <tr> <td></td> <td></td> <td></td> <td>D/D</td> </tr> </table>						LEASE	LEV	P/P	4/20 A. EINSEL #3-4	5	4/20	DES		A/P	CEMENT SURF CASING		4/25	DRILL	COM	LOE	G/L	X			71730/9239.06				D/D
LEASE	LEV	P/P																											
4/20 A. EINSEL #3-4	5	4/20																											
DES		A/P																											
CEMENT SURF CASING		4/25																											
DRILL	COM	LOE	G/L																										
X			71730/9239.06																										
			D/D																										
A-Serv Lite	175.00	EA	10.40	1,820.00	T																								
Common	175.00	EA	12.80	2,240.00	T																								
Cello-flake (POLEFLAKE-C)	88.00	EA	2.96	260.48	T																								
Calcium Chloride	825.00	EA	0.84	693.00	T																								
"Top Rubber Cmt Plug, 8 5/8""	1.00	EA	180.00	180.00																									
"8 5/8"" Guide Shoe (Red)"	1.00	EA	440.00	440.00																									
Flapper Type Insert Float Valve, 8 5/8"	1.00	EA	224.00	224.00																									
"8 5/8"" Basket (Blue)"	1.00	EA	252.00	252.00																									
"Unit Mileage Chg (PU, cars one way)"	30.00	MI	3.40	102.00																									
Heavy Equipment Mileage	60.00	MI	5.60	336.00																									
"Proppant & Bulk Del. Chgs., per ton mil	495.00	EA	1.28	633.60																									
Depth Charge; 501'-1000'	1.00	EA	960.00	960.00																									
Blending & Mixing Service Charge	350.00	BAG	1.12	392.00																									
Plug Container Util. Chg.	1.00	EA	200.00	200.00																									
"Service Supervisor, first 8 hrs on loc.	1.00	EA	140.00	140.00																									

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	8,873.08
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	365.98
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	9,239.06
DALLAS, TX 75284-1903	MIDLAND, TX 79702		



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET

1718 06126 A

DATE _____ TICKET NO. _____

DATE OF JOB 4-13-12 DISTRICT Pratt		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:							
CUSTOMER Stata Exploration		LEASE Agron Einsel				WELL NO. 3-4			
ADDRESS		COUNTY Kiowa		STATE KS					
CITY		STATE		SERVICE CREW Otilindo, Mitchell, Pierson					
AUTHORIZED BY		JOB TYPE: CNW 8 5/8 Surface							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE 4-13-12	AM PM	TIME
27283	1/2								2:30
27463	1/2								4:30
19826-19860	1/2								8:30
									9:00
									9:30
									30

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED:

(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CL106	A Serv Lite	SK	175		2275.00
CP100	Common	SK	175		2700.00
CC102	Cellulose	Lb	88		325.60
CC109	Calcium Chloride	Lb	825		866.25
CF105	Top Rubber Cement Plug 8 5/8"	ea	1		225.00
CF003	Guide Shoe 8 5/8"	ea	1		550.00
CF1453	Flapper Type Insert Seat Valve 8 5/8"	ea	1		280.00
CF1903	Basket 8 5/8"	ea	1		315.00
E100	Pickup Mileage	mi	30		127.50
E101	Heavy Equipment Mileage	mi	60		420.00
E113	Bulk Delivery	Tm	495		792.00
CE201	Depth Charge 501-1000'	ea	1		1200.00
CE240	Blending & mixing Service Charge	SK	350		490.00
CE504	Plug Container	ea	1		250.00
S003	Service Supervisor	ea	1		175.00

SUB TOTAL
DLS 8873.08

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		

SERVICE REPRESENTATIVE Steve Otilindo	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: Brod Hamel
--	---

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

Customer Sinter Exploration	Lease No.	Date 4-13-12	
Lease Aston E 1221	Well # 3-4		
Field Order # 6156	Station P121	Casing 8-1/8	Depth 580
Type Job C New 8-1/8 Surface	Formation	County Kiowa	State KS
		Legal Description 4-28-18	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
5.80		175		A-5-1/2 Lb	2.17		
Depth 36.8	Depth	From	To	Pre Pad	Max		5 Min.
			175	Common	1.20		
Volume	Volume	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
300							
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
P.C.							
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load
4.0				35.7			

Customer Representative	Station Manager Dave Seale	Treater Steve Wilcox
Service Units 27273 27463 19826 19860		
Driver Names Wilcox M. L. P. 2150		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
5:00 ^{am}					On location - Safety Meeting Run 11 1/2" 2 5/8 Casing Guide shoe + short collar 1st Jt. Basket 80' from surface Casing on bottom Break circulation with R.
8:15	300		77	5	Mix 175 lbs A-5-1/2 Lb @ 10 ^{1/2} /gal
8:40	300		37	5	Mix 175 lbs Common @ 15.6 ^{1/2} /gal
					Shut Down Release plug
8:52	0		0	5	Start H ₂ O Displacement
8:57	300		29	4	Concent to surface
9:00 ^{am}	300		36	4	plug down Hold
					Circulation T. New Job Circulated 12 bbls cement to surface
					Job Complete Track, Steve



PAID
 8-15-12
 VNB SP # 8518

PAGE 1 of 1	CUST NO 1004072	INVOICE DATE 04/24/2012
INVOICE NUMBER 1717 - 90886459		

Liberal (620) 624-2277
 B STRATA EXPLORATION
 I PO Box: 401
 L FAIRFIELD
 L IL US 62837
 T
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Aaron Einsel #3-4
 O LOCATION
 B COUNTY Kiowa
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40455392	38111		Net - 30 days	05/24/2012
For Service Dates: 04/23/2012 to 04/23/2012				
0040455392				
171702850A Cement-New Well Casing/Pi 04/23/2012 5 1/2" Longstring				
50/50 POZ	250.00	EA	8.25	2,062.49 T
Gypsum	1,050.00	EA	0.56	590.63 T
KCL, Potasslum Chloride	566.00	EA	1.13	636.75 T
C-15	126.00	EA	9.38	1,181.25 T
Celloflake	63.00	EA	2.78	174.83 T
Gilsonite	1,500.00	EA	0.50	753.75 T
"Latch Down Plug & Baffle, 5 1/2"" (Blu	1.00	EA	300.00	300.00
"Auto Fill Float Shoe 5 1/2""(Red)"	1.00	EA	506.25	506.25
Econimizer Hinged Centralizer, 5 1/2"	12.00	EA	56.25	675.00
Cement Baskets, Canvas, 5 1/2"	1.00	EA	716.25	716.25
Mud Flush	1,000.00	EA	0.65	645.00 T
Heavy Equipment Mileage	60.00	MI	5.25	315.00
Blending & Mixing Service Charge	250.00	BAG	1.05	262.50
"Proppant & Bulk Del. Chgs., per ton mil	315.00	EA	1.20	378.00
Depth Charge; 4001'-5000'	1.00	EA	1,890.00	1,890.00
Plug Container Util. Chg.	1.00	EA	187.50	187.50
"Unit Mileage Chg (PU, cars one way)"	30.00	MI	3.19	95.63
"Service Supervisor, first 8 hrs on loc.	1.00	EA	131.25	131.25
PLEASE REMIT TO:		SEND OTHER CORRESPONDENCE TO:		
BASIC ENERGY SERVICES, LP		BASIC ENERGY SERVICES, LP		SUB TOTAL 11,502.08
PO BOX 841903		PO BOX 10460		TAX 441.26
DALLAS, TX 75284-1903		MIDLAND, TX 79702		INVOICE TOTAL 11,943.34

LEASE	4/26	A. EINSEL	3-4	LEV	5	P/P	5/7
DES	CEMENT LONGSTRING					A/P	5/14
DRL	COM	LOE	G/L	7.3 551/11943 34		D/D	

✓



BASIC
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

1700 S. Country Estates Rd.
P.O. Box 129
Liberal, Kansas 67905
Phone 620-624-2277

FIELD SERVICE TICKET

1717 02850 A

DATE _____ TICKET NO. _____

DATE OF JOB: 4-23-12	DISTRICT: Liberal # 1717	NEW WELL <input checked="" type="checkbox"/>	OLD WELL <input type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.:		
CUSTOMER: Strata Exploration		LEASE: Aaron Ensel		WELL NO. 3-4					
ADDRESS:		COUNTY: Kiowa		STATE: KS					
CITY:		STATE:		SERVICE CREW: Kirby, Ruben, Scott					
AUTHORIZED BY: Tuce Davis JRB		JOB TYPE: 5 1/2 Production 2-12							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
21755	11	3811	11	30414	11	4-23-12		PM	0230
		19919	11	37547	11	ARRIVED AT JOB		AM	1100
						START OPERATION		AM	1650
						FINISH OPERATION		AM	1800
						RELEASED		AM	1830
						MILES FROM STATION TO WELL			

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED:
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CL104	50/50 Poe	Sk	250		2750 00
CC103	Gypsum	lb	1050		787 50
C700	KCL	lb	566		849 00
CC103	C-15	lb	126		1575 00
CC102	CellaFlake	lb	63		233 10
CC201	Gilsonite	lb	1500		1005 00
CE607	Watch Down Plug + Baffle Plate	EA	1		400 00
CE1201	Autofill Flood Shoe	EA	1		675 00
CE4452	Turboblowers	EA	12		900 00
CE4552	Convent Basket	EA	1		955 00
CE4006	Scratchers	EA	0		
CC151	Mud Flush	Gal	1000		860 00
CE704	Claymax	Gal	0		
E101	Heavy Vehicle M. Charge	ME	60		420 00
CE240	Blending + Mix. Service Charge	Sk	250		350 00
E113	Bulk Delivery Charge	Tim	315		504 00
CE205	Depth Charge 4000-5000	4hrs	1		2520 00
CE504	Plug Container Utilization Charge	Job	1		2500 00
					2500 00

CHEMICAL / ACID DATA:			

SUB TOTAL

11,502 08

SERVICE & EQUIPMENT	%TAX ON \$
MATERIALS	%TAX ON \$

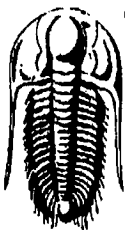
TOTAL

SERVICE REPRESENTATIVE:

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Strata Exploration Inc

4-28S-18W Kiowa

PO Box 401
Fairfield, IL 62837

3-4 Aaron Einsel

Job Ticket: 47483

DST#: 1

ATTN: Jon Christensen

Test Start: 2012.04.18 @ 10:26:02

GENERAL INFORMATION:

Formation: **Lansing "A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:42:47

Time Test Ended: 18:21:32

Test Type: Conventional Bottom Hole (Initial)

Tester: Leal Cason

Unit No: 45

Interval: **4218.00 ft (KB) To 4234.00 ft (KB) (TVD)**

Total Depth: 4234.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2207.00 ft (KB)

2196.00 ft (CF)

KB to GRVCF: 11.00 ft

Serial #: 6798

Inside

Press@RunDepth: 75.40 psig @ 4219.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.04.18

End Date:

2012.04.18

Last Calib.:

2012.04.18

Start Time:

10:26:03

End Time:

18:21:32

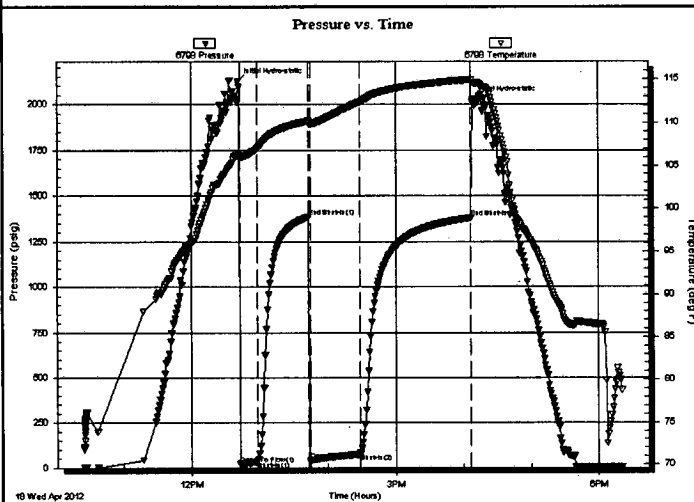
Time On Btm:

2012.04.18 @ 12:40:47

Time Off Btm:

2012.04.18 @ 16:08:02

TEST COMMENT: IF: Fair Blow , BOB in 15 minutes
IS: No Blow back
FF: Fair Blow , Built To 10 1/2 inches
FS: No Blow Back



PRESSURE SUMMARY

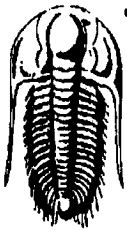
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2123.06	106.18	Initial Hydro-static
2	21.04	105.97	Open To Flow (1)
18	34.05	106.99	Shut-In(1)
63	1384.10	110.16	End Shut-In(1)
64	39.19	109.78	Open To Flow (2)
108	75.40	112.37	Shut-In(2)
206	1379.83	114.93	End Shut-In(2)
208	2025.18	114.57	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	MCW 5%M 95%W	0.30
62.00	WOCM 26%W 30%O 44%M	0.30
2.00	Oil	0.01
0.00	372 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploration Inc

4-28S-18W Kiowa

PO Box 401
Fairfield, IL 62837

3-4 Aaron Einsel

Job Ticket: 47483

DST#: 1

ATTN: Jon Christensen

Test Start: 2012.04.18 @ 10:26:02

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:

49000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	MCW 5%M 95%W	0.305
62.00	WOCM 26%W 30%O 44%M	0.305
2.00	Oil	0.010
0.00	372 GIP	0.000

Total Length: 126.00 ft Total Volume: 0.620 bbl

Num Fluid Samples: 0

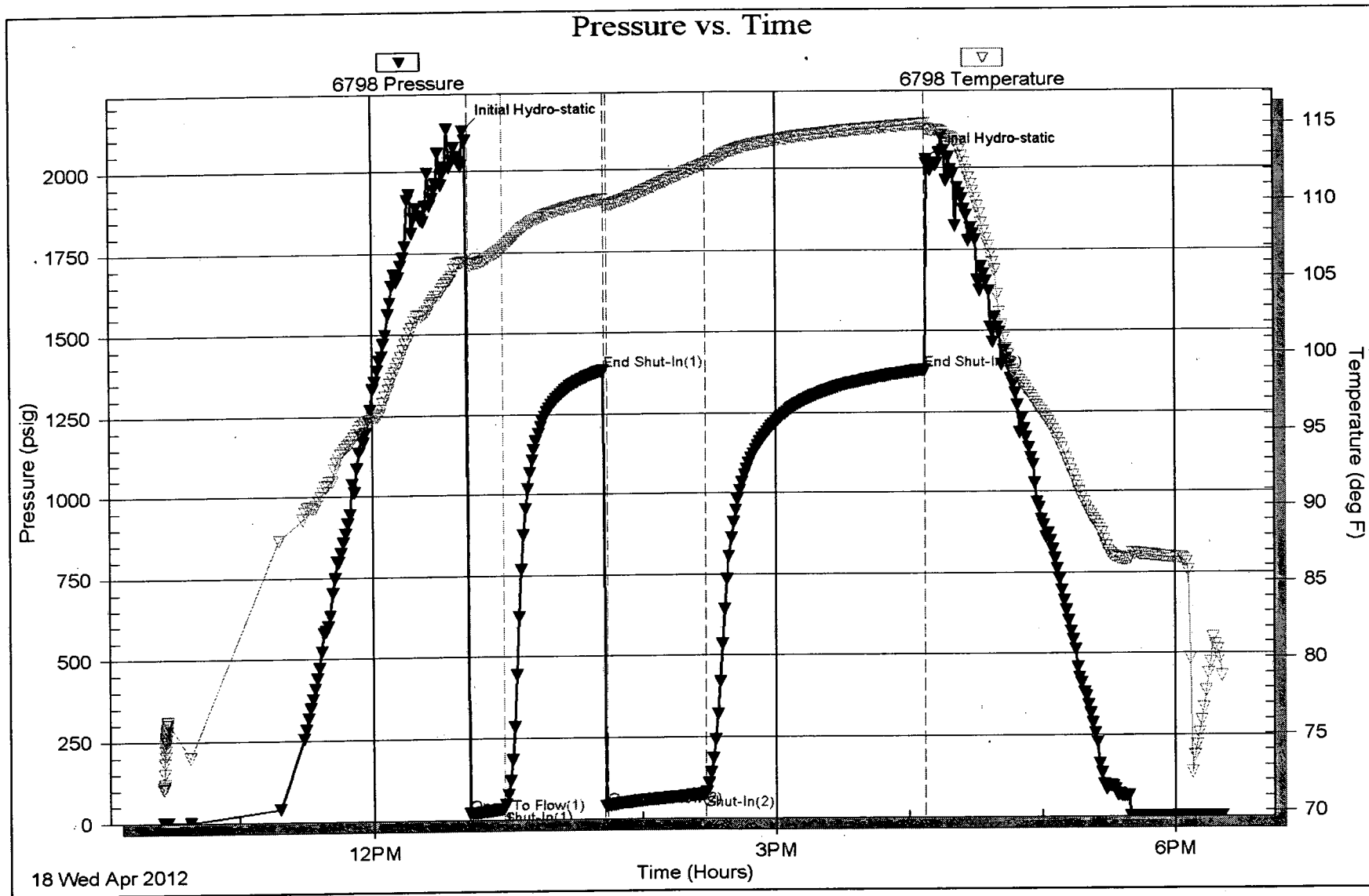
Num Gas Bombs: 0

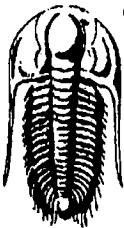
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW was .14 @ 79 degrees





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Strata Exploration Inc

4-28S-18W Kiowa

PO Box 401
Fairfield, IL 62837

3-4 Aaron Einsel

Job Ticket: 47484

DST#: 2

ATTN: Jon Christensen

Test Start: 2012.04.20 @ 20:00:02

GENERAL INFORMATION:

Formation: **Cherokee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:58:47

Time Test Ended: 05:15:47

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 45

Interval: **4765.00 ft (KB) To 4783.00 ft (KB) (TVD)**

Reference Elevations: 2207.00 ft (KB)

Total Depth: 4783.00 ft (KB) (TVD)

2196.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 6798 Inside

Press@RunDepth: 16.33 psig @ 4766.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.04.20

End Date:

2012.04.21

Last Calib.: 2012.04.21

Start Time: 20:00:03

End Time:

05:15:47

Time On Btm: 2012.04.20 @ 22:56:02

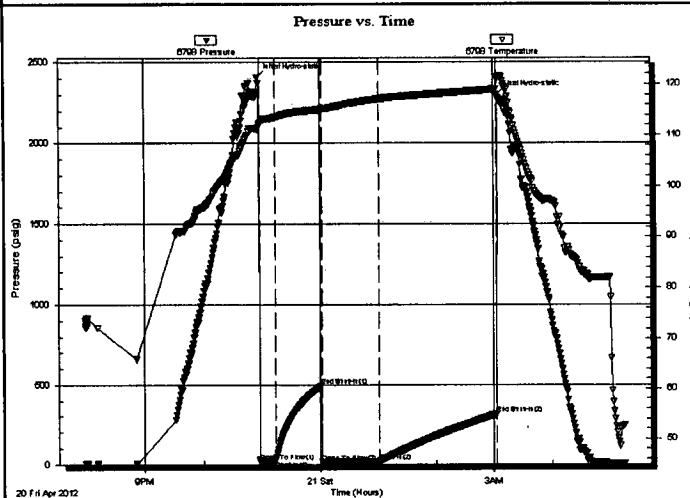
Time Off Btm: 2012.04.21 @ 03:03:02

TEST COMMENT: IF: Strong Blow, BOB in 3 minutes

IS: 2 inch Blow Back

FF: Strong Blow, BOB Immediate

FSI: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2408.51	111.21	Initial Hydro-static
3	17.81	112.20	Open To Flow (1)
18	23.71	113.45	Shut-In(1)
66	493.14	115.03	End Shut-In(1)
66	13.45	115.05	Open To Flow (2)
125	16.33	117.10	Shut-In(2)
246	312.63	118.98	End Shut-In(2)
247	2297.93	121.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	1364 GIP	0.00
5.00	Mud	0.02

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Strata Exploration Inc

4-28S-18W Kiowa

PO Box 401
Fairfield, IL 62837

3-4 Aaron Einsel

Job Ticket: 47484

DST#: 2

ATTN: Jon Christensen

Test Start: 2012.04.20 @ 20:00:02

GENERAL INFORMATION:

Formation: **Cherokee**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 22:58:47

Time Test Ended: 05:15:47

Test Type: **Conventional Bottom Hole (Reset)**

Tester: **Leal Cason**

Unit No: **45**

Interval: 4765.00 ft (KB) To 4783.00 ft (KB) (TVD)

Total Depth: **4783.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2207.00 ft (KB)**

2196.00 ft (CF)

KB to GR/CF: **11.00 ft**

Serial #: 8367 **Outside**

Press@RunDepth: **psig @ 4766.00 ft (KB)**

Start Date: **2012.04.20**

End Date:

2012.04.21

Capacity: **8000.00 psig**

Last Calib.: **2012.04.21**

Start Time: **20:00:03**

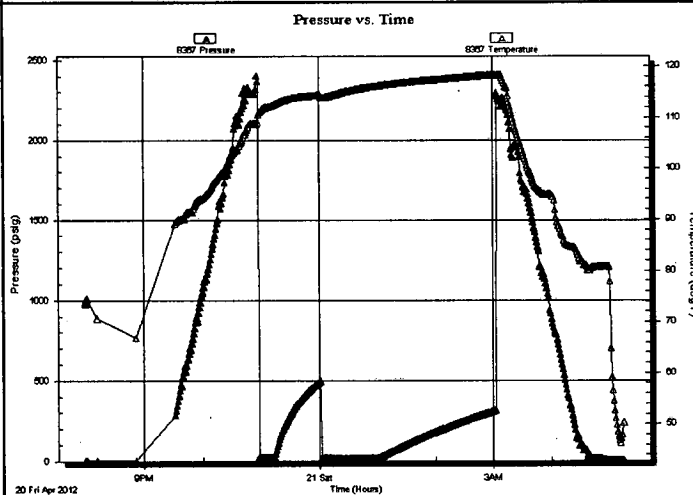
End Time:

05:15:32

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Strong Blow, BOB in 3 minutes
IS: 2 inch Blow Back
FF: Strong Blow, BOB Immediate
FSI: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
-------------	-----------------	--------------	------------

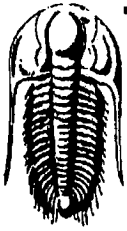
Recovery

Length (ft)	Description	Volume (bbl)
0.00	1364 GIP	0.00
5.00	Mud	0.02

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploration Inc

4-28S-18W Kiowa

PO Box 401
Fairfield, IL 62837

3-4 Aaron Einsel

Job Ticket: 47484

DST#: 2

ATTN: Jon Christensen

Test Start: 2012.04.20 @ 20:00:02

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 52.00 sec/qt
Water Loss: 9.99 in³
Resistivity: ohm.m
Salinity: 6000.00 ppm
Filter Cake: 0.20 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	1364 GIP	0.000
5.00	Mud	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

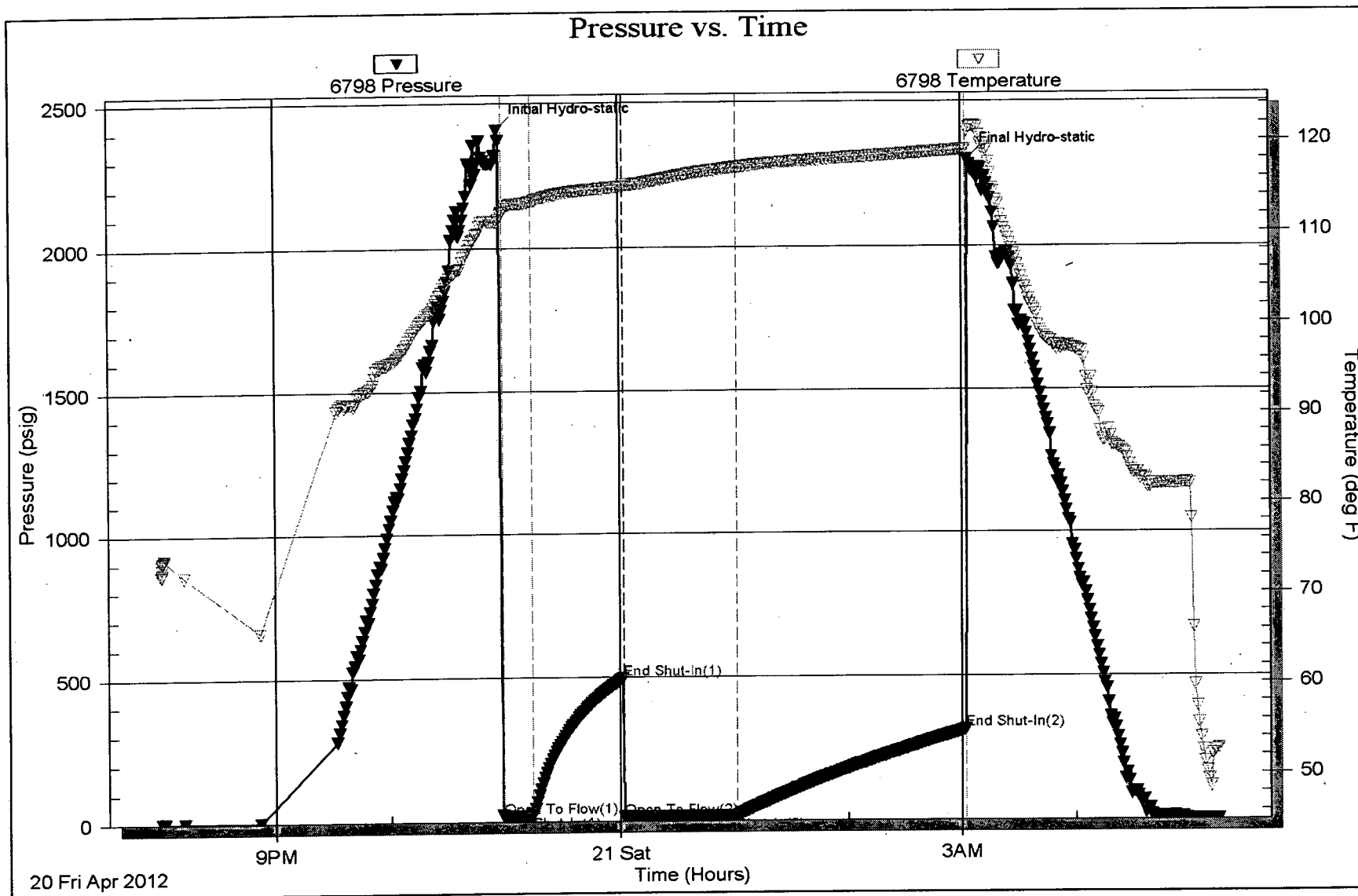
Num Gas Bombs: 0

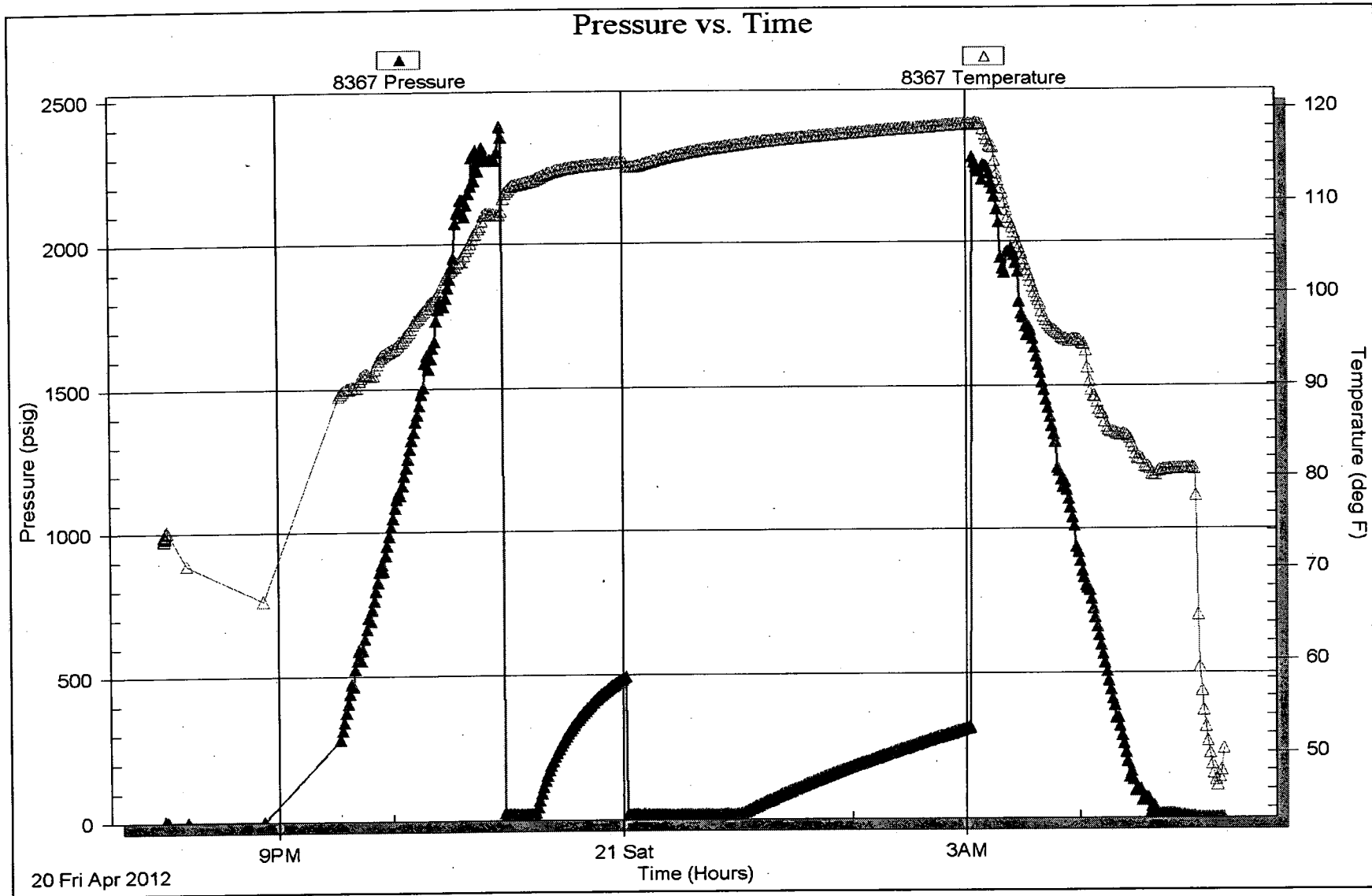
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





LITHOLOGY STRIP LOG

WellSight Systems

Scale 1:240 (5"=100') Imperial

Well Name: Aaron Einsel #3-4
Location: 1582' FNL & 667' FEL, Sec. 4-T28S-R18W, Kiowa Co., KS.
Licence Number: 15-097-21723-0000 Region: Greensburg SW
Spud Date: 4/12/2012 Drilling Completed: 4/22/2012
Surface Coordinates: 1582' FNL & 667' FEL, Sec. 4-T28S-R18W

Bottom Hole Same as above
Coordinates:
Ground Elevation (ft): 2196' K.B. Elevation (ft): 2207'
Logged Interval (ft): 3400' To: 4900' Total Depth (ft): 4900'
Formation: Kinderhook at Total Depth
Type of Drilling Fluid: Freshwater/Gel to 3160'; Chemical Gel 3160' to 4900'
Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Strata Exploration, Inc.
Address: P.O. Box 401
Fairfield, IL. 62837-0401

GEOLOGIST

Name: Jon D. Christensen
Company: Consulting Petroleum Geologist
Address: 9002 W. Silver Hollow St.
Wichita, KS. 67205-8856

Cores

None Taken

DSTs

DST #1(Lansing 'A') 4214' - 4230'(Corrected Depths to LOG) Test Times 15"-45"-45"-90" IFP Fair Blow built to BOB/15", FFP Fair Blow built to 10.5", no Blowback on SI's; REC: 372' Gas in Pipe, 2' Clean Oil, 62' WOCM(30%O, 26%W, 44%M), 62' MSW(95%W, 5%M), CI 70,000, Mud 8000; IFP 21-34#, ISIP 1384#, FFP 39-75#, FSIP 1380#, IHP 2123#, FHP 2025#, BHT 115 Deg. F.

DST #2(Basal Cherokee Lmst.) 4761' - 4779'(Corrected Depths to LOG) Test Times 15"-45"-60"-120" IFP Strong Blow BOB/3", 2" Blowback on ISI, FFP Strong Blow BOB/As soon as Tool Open, no Gas to Surface, no Blowback on FSI; REC: 1364' Gas in Pipe, 5' Drlg. Mud, no oil, no water; IFP 18-24#, ISIP 493#, FFP 13-16#, FSIP 313#, IHP 2408#, FHP 2298#, BHT 121 Deg. F.

DST #3(Mississippi Chert) 4896' - 4811'(Corrected Depths to LOG) Test Times 15"-45"-45"-90" IFP Strong Blow BOB/10 Sec. Gas to Surface in 12 Min., Gauged 353 MCFG in 15 Min; FFP Gas to Surface throughout, decreased to 178 MCFG in 45" of FFP, no Blowback on SI's; REC: 4777' GIP, 5' Drlg. Mud, no oil, no water; IPF 50-77#, ISIP 1358#, FFP 55-42#, FSIP 1278#, IHP 2417#, FHP 2306#, BHT 115 Deg. F.

Comments

4/12/12 MIRU Sterling Drilling Rig #2, Spud at 6:15PM.; 4/13/12 TD. 580' - Running 8 5/8" Surface Casing; 4/14/12 Drilling at 1495'; 4/15/12 Drilling at 2708'; 4/16/12 Drilling at 3377'; 4/17/12 Drilling at 3752'; 4/18/12 TD. 4234' - CCH for DST #1; 4/19/12 Drilling at 4394'; 4/20/12 TD. 4722' - CFS; 4/21/12 TD. 4783' - TIH after DST #2; 4/22/12 Drilling at 4890' - reached TD. at 7:15 AM. - CCH, TOH for Logs(Halliburton) - LTD. 4896'; 4/23/12 RTD. 4900', LTD. 4896' - LDDP for setting new 5 1/2" Production Casing.

Set new 8 5/8"(23#) Surface Casing at 580' w/350 sx. Cement did Circulate(Basic Energy Services). PD. 9:00 AM. 4/13/12.

Set new 5 1/2"(15.5#) Production Casing at 4894' w/200 sx.(Basic Energy Services). PD. 5:30 PM. 4/23/12.

Surveys: 0.5 Deg. at 580'(Surface Casing); 0.75 Deg. at 3477'(Bit Trip); 0.75 Deg. at 4234'(DST #1); 1.25 Deg. at 4783'(DST #2); 1 Deg. at 4900' RTD.

No Pipe Strap was taken on the well, windy conditions prevailed during DST's.




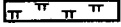
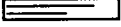








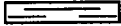




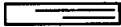

After review of the Halliburton Logs, DST data, structural position and shows of commercial amounts of hydrocarbons, the operator elected to set new 5 1/2" Production Casing for completion in the Mississippi Chert.

LOG TOPS: Blaine Gypsum 1130(+1077), Chase 2448(-241), Stotler Lmst. 3410(-1203), Howard 3612(-1405), Heebner Shale 4047(-1840), Toronto 4059(-1852), Brown Lmst. 4202(-1995), Lansing 'A' 4214(-2007), Lansing/KC. 'H' 4373(-2166), KC. 'I' 4421(-2214), Stark Shale 4511(-2304), Base Kansas City 4608(-2401), Pleasanton 4629(-2422), Marmaton 4654(-2447), Pawnee 4697(-2490), Cherokee Shale 4735(-2528), Miss. Chert 4792(-2585), Kinderhook Shale 4840(-2633), Kinderhook Sand 4870(-2663).








































































NOTE: This log was shifted upward by 3' to 5' for correlation purposes with the Halliburton LOGS.

Prior to abandonment of the Aaron Einsel #3-4, the Cherokee Lmst. zone should be perforated and tested from 4769' - 4772'. Also, the Altamont section of the Marmaton exhibited minor oil shows with a gas kick, and should be tested from 4666' - 4670'. The Lansing 'A' zone should be tested from 4217' - 4222'(see DST #1) log depths.

ROCK TYPES

 Anhy	 Clyst	 Gyp	 Mrlst	 Shgy
 Bent	 Coal	 Igne	 Salt	 Sltst
 Brec	 Congl	 Lmst	 Shale	 Ss
 Cht	 Dol	 Meta	 Schol	 Till

ACCESSORIES

MINERAL	 Gyp	FOSSIL	 Ostra	 Sltstrg
 Anhy	 Hvymin	 Algae	 Pelec	 Ssstrg
 Arggrn	 Kaol	 Amph	 Pellet	TEXTURE
 Arg	 Marl	 Belm	 Pisolite	 Boundst
 Bent	 Minxl	 Bioclst	 Plant	 Chalky
 Bit	 Nodule	 Brach	 Strom	 Cryxln
 Brecfrag	 Phos	 Bryozoa	STRINGER	 Earthy
 Calc	 Pyr	 Cephal	 Anhy	 Finexln
 Carb	 Salt	 Coral	 Arg	 Grainst
 Chtdk	 Sandy	 Crin	 Bent	 Lithogr
 Chtlt	 Silt	 Echin	 Coal	 Microxln
 Dol	 Sil	 Fish	 Dol	 Mudst
 Feldspar	 Sulphur	 Foram	 Gyp	 Packst
 Ferrpel	 Tuff	 Fossil	 Ls	 Wackest
 Ferr		 Gastro	 Mrst	
 Glau		 Oolite		

OTHER SYMBOLS

- POROSITY**
 [E] Earthy
 [B] Fenest
 [F] Fracture
 [X] Inter
 [Z] Moldic
 [O] Organic
 [P] Pinpoint

- [V] Vuggy
SORTING
 [W] Well
 [M] Moderate
 [P] Poor

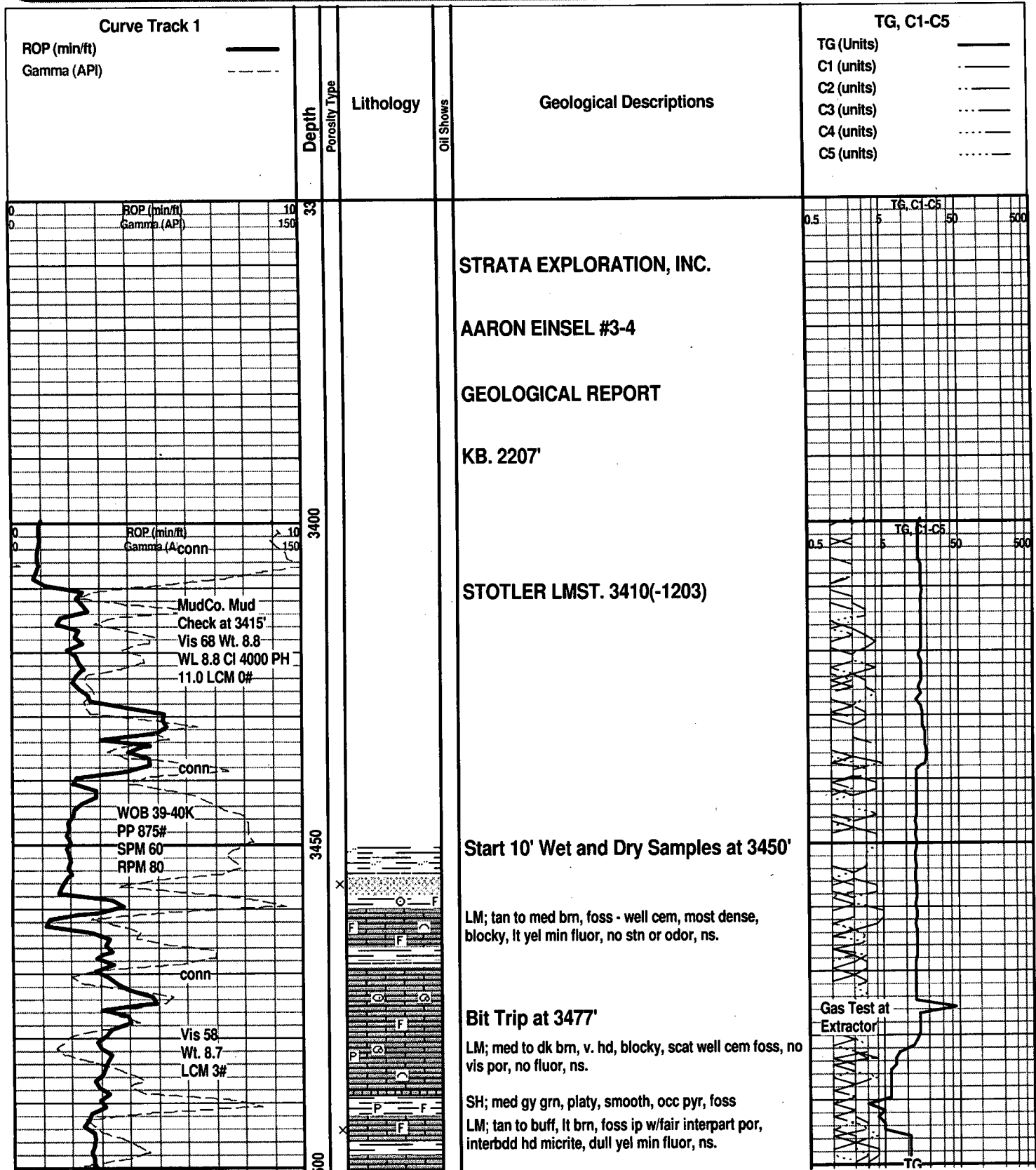
- ROUNDING**
 [R] Rounded
 [r] Subrnd
 [a] Subang
 [A] Angular

- [D] Spotted
 [Q] Ques
 [D] Dead

- EVENT**
 [▽] Rft
 [▶] Sidewall

- INTERVAL**
 [■] Core
 [□] Dst

- OIL SHOW**
 [●] Even



Curve Track 1

ROP (min/ft)
 Gamma (API)

TG, C1-C5

TG (Units)
 C1 (units)
 C2 (units)
 C3 (units)
 C4 (units)
 C5 (units)

Depth
 Porosity Type

Lithology

Oil Shows

Geological Descriptions

ROP (min/ft)
 Gamma (API)

TG, C1-C5

0.5 5 50 500

STRATA EXPLORATION, INC.

AARON EINSEL #3-4

GEOLOGICAL REPORT

KB. 2207'

ROP (min/ft)
 Gamma (Aconn)

TG, C1-C5

0.5 5 50 500

STOTLER LMST. 3410(-1203)

MudCo. Mud
 Check at 3415'
 Vis 68 Wt. 8.8
 WL 8.8 Cl 4000 PH
 11.0 LCM 0#

conn

WOB 39-40K
 PP 875#
 SPM 60
 RPM 80

conn

Vis 58
 Wt. 8.7
 LCM 3#

Start 10' Wet and Dry Samples at 3450'

LM; tan to med brn, foss - well cem, most dense, blocky, lt yel min fluor, no stn or odor, ns.

Bit Trip at 3477'

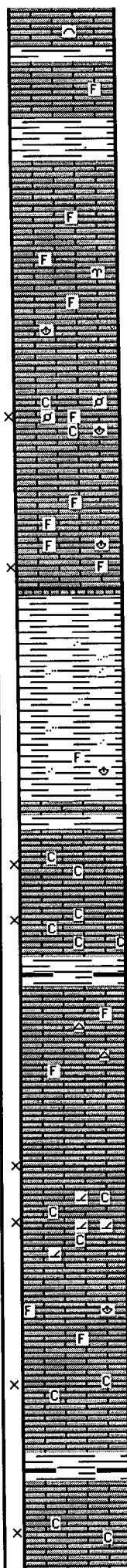
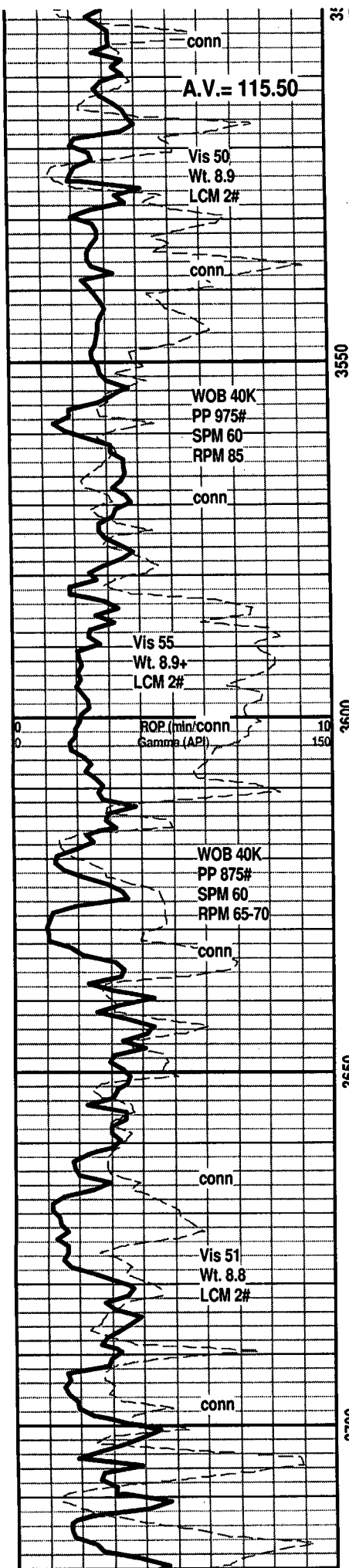
LM; med to dk brn, v. hd, blocky, scat well cem foss, no vis por, no fluor, ns.

SH; med gy grn, platy, smooth, occ pyr, foss

LM; tan to buff, lt brn, foss ip w/fair interpart por, interbdd hd micrite, dull yel min fluor, ns.

Gas Test at
 Extractor

TG



LM; med brn, gy brn, hd, blocky, dense, rare foss mat, tite

LM; med to dk brn, micritic, v. hd, tite, rare foss.

SH; med gy, grn, brn, platy, smooth

LM; tan to lt brn, lt gy brn, most micritic, blocky, rare foss mat, no vis por, dull yel fluor, no stn or odor, ns,

LM; tan to cream, buff, foss ip, most well cem, hd, lt yel min fluor, ns.

LM; off wh, cream, highly foss - some med xln, gd interpart por, occ soft chalky mtx, lt yel fluor, no stn or odor, no gas kick, ns.

LM; tan to lt brn, fxln w/occ foss mat, interbdd hd blocky micrite, poor to no vis por, scat lt yel min fluor, no stn or odor, ns.

SH; med gy, silty to occ sandy, firm

SH; lt to med gy, firm, silty, foss ip.

HOWARD 3612(-1405)

LM; off wh, wh, buff, f to med xln, some gran text, fair to gd interxln por, much soft chalky mtx, lt yel min fluor, no stn or odor, no gas kick, barren, ns.

SH; dk gy, trc blk, platy

LM; lt gy to lt brn, most v. hd, micritic, scat well cem foss, no vis por, minor off wh cht, ns.

LM; tan to off wh, buff, fxln w/occ sucrosic text, partly dolomitic, fair to gd interxln por, interbdd fairly soft chalky lmst, lt yel fluor, no stn or odor, no gas kick, ns.

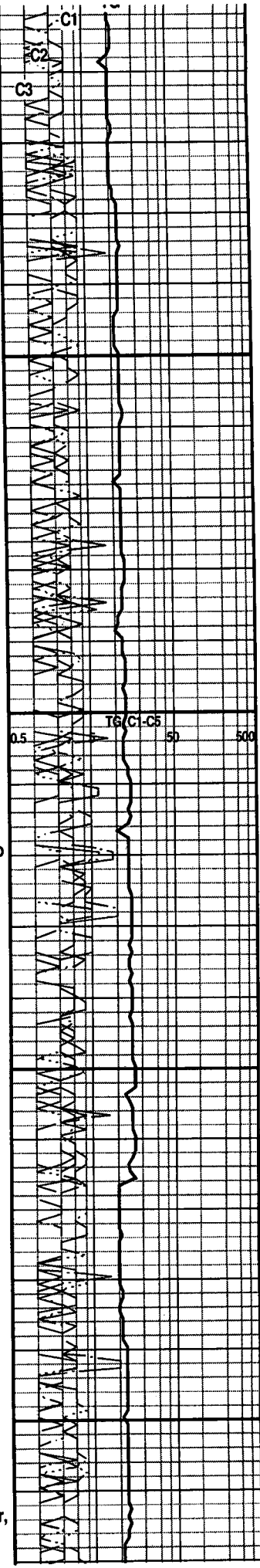
LM; lt brn, foss, well cem, blocky, hd

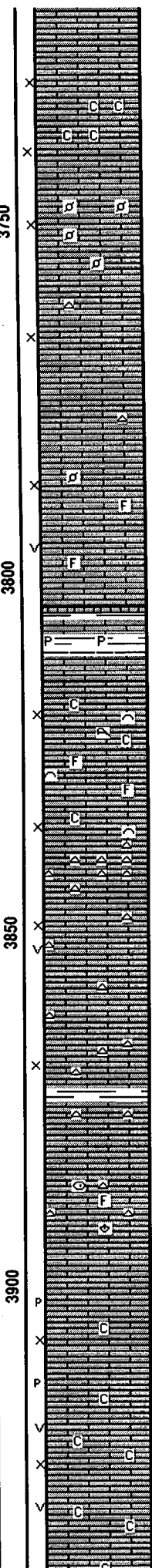
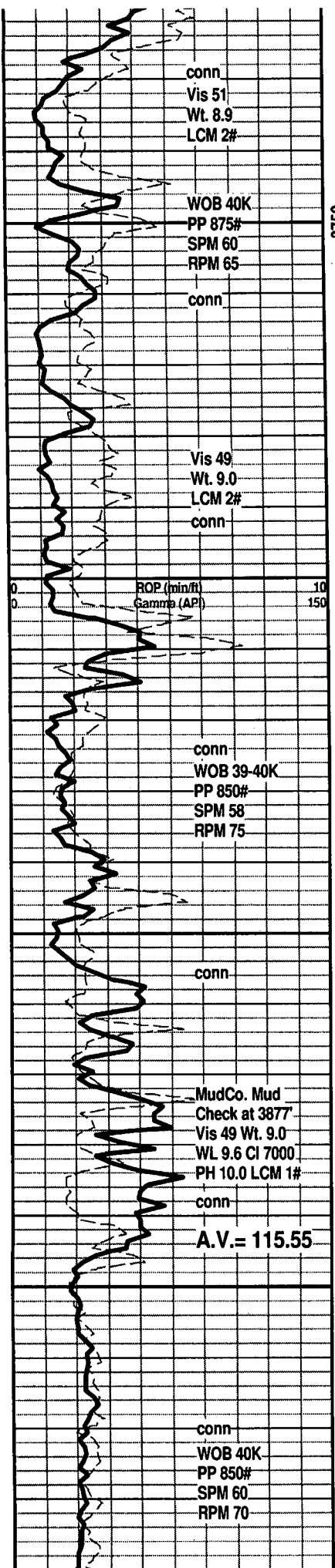
LM; off wh, buff, med xln to occ gran text, fair interxln por, rarely chalky mtx, dull yel min fluor only, ns.

SH; dk gy, trc blk, platy

TOPEKA 3708(-1501)

LM; off wh, tan, lt brn, f to occ med xln, fair interxln por, minor chalky mtx, no fluor, ns.





LM; tan to cream, fxln, v. gd interxln por, occ soft chalky mtx, lt yel fluor, no stn or odor, ns.

LM; tan to cream, buff, foss to med xln, fair to gd interxln/interpart por, rare lt gy cht, no fluor, no stn or odor, ns.

LM; tan to lt brn, buff, med to occ cse xln, gd interxln w/scat vug por, occ foss mat, dull yel min fluor, no stn, ns.

SH; med to dk gy, firm, pyr, interbdd tan lmst

LM; tan to lt brn, med to occ cse xln, spar calc xtals w/occ foss frags, fair interpart por, minor soft chalky mtx, no fluor, no stn or odor, ns.

LM; tan, off wh, f to med xln, abnt wh/gy cht, no vis por, hd

LM; tan to lt brn, buff, med xln to occ gran, fair interxln w/occ vug por, rare gy cht, lt yel min fluor, ns.

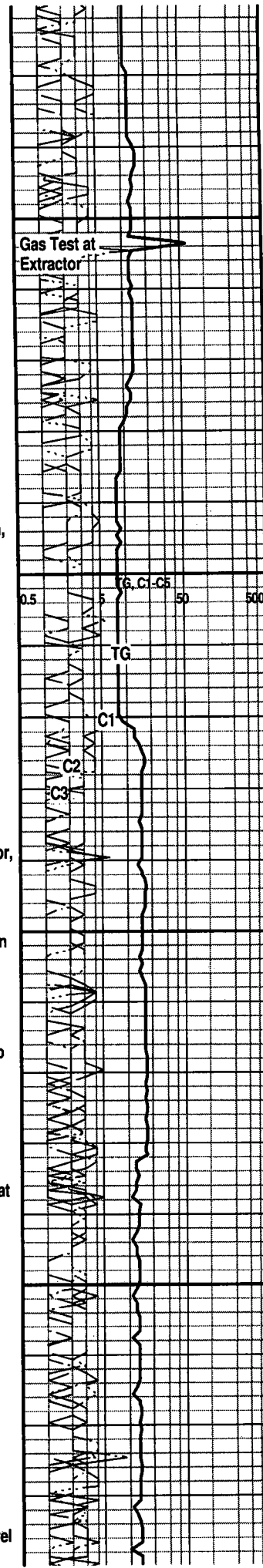
LM; lt brn, lt gy, med xln, scat gy to off wh cht, poor to fair interxln por, no fluor, ns.

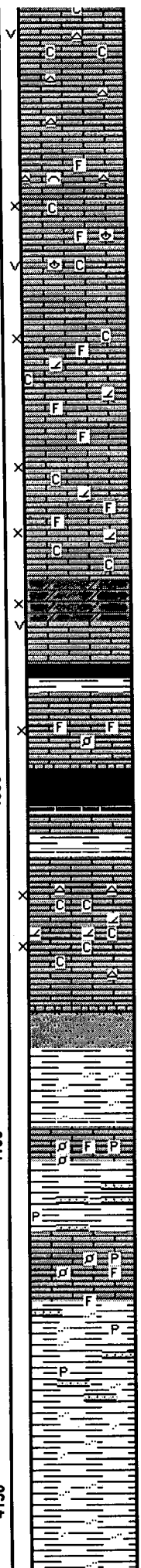
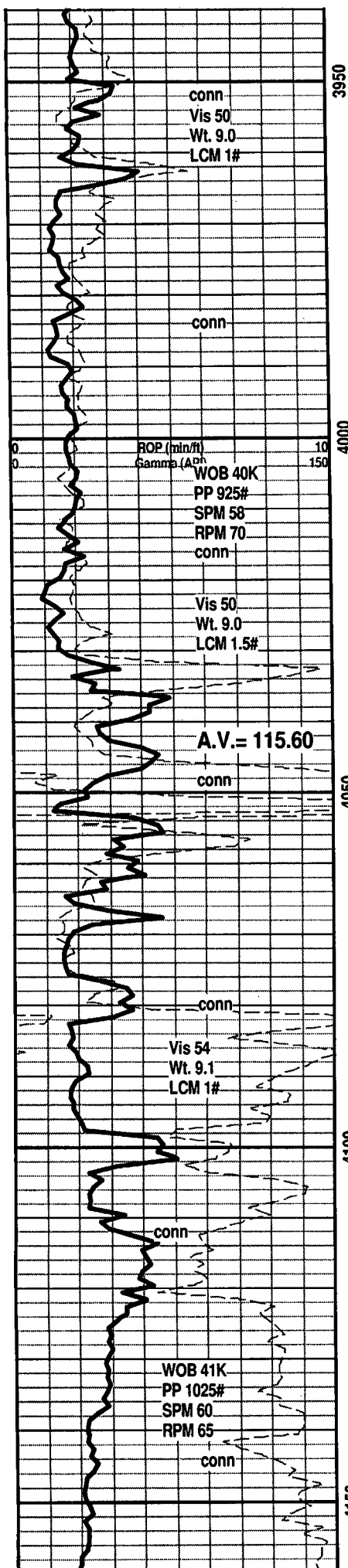
SH; med gy grn, platy

LM; lt to med gy brn, foss ip, hd, well cem, blocky, scat gy cht, tite

LM; tan to lt brn, buff, off wh, f to med xln, gd interxln por, scat cse opaque spar calc xtals, fair p-p and interxln por, lt yel min fluor, no stn or odor, ns.

LM; tan to cream, buff, med xln, scat hd cherty lmst, interbdd soft chalky lmst, occ vug por, lt to occ med yel min fluor, no stn or odor, ns.





LM; tan to cream, lt brn, foss to med xln, gd interxln w/scat vug por, minor chalky mtz, dull yel min fluor, no stn, ns.

LM; tan to buff, lt brn, med to cse xln, scat foss mat, fair interpart/interxln por, trc sucrosic text dolomitic lmst, lt yel min fluor, ns.

LM; tan, off wh, buff, fxln w/occ sucrosic text, chalky ip, interbdd dolomitic lmst, lt yel fluor, ns.

DOL; tan to lt brn, sucrosic, gd interxln w/scat vug por, trc finely rhombic, lt yel min fluor, no stn or odor, ns.

SH; dk gy - blk, platy, carb ip.

LM; tan to lt brn, fxln w/occ foss mat, poor to fair interxln por, no fluor, no stn or odor, ns.

HEEBNER SHALE 4047(-1840)

SH; blk, carb ip, platy

LM; med brn, hd, micritic, tite

TORONTO 4059(-1852)

LM; off wh, lt gy, fxln w/scat sucrosic text - partly dolomitic, much soft chalk and chalky mtz, occ wh cht, fair interxln por, lt yel fluor, no stn or odor, no gas kick, ns.

DOUGLAS SHALE 4081(-1874)

SLTST; lt gy, mica ip, firm, platy

SH; lt gy, silty ip, platy

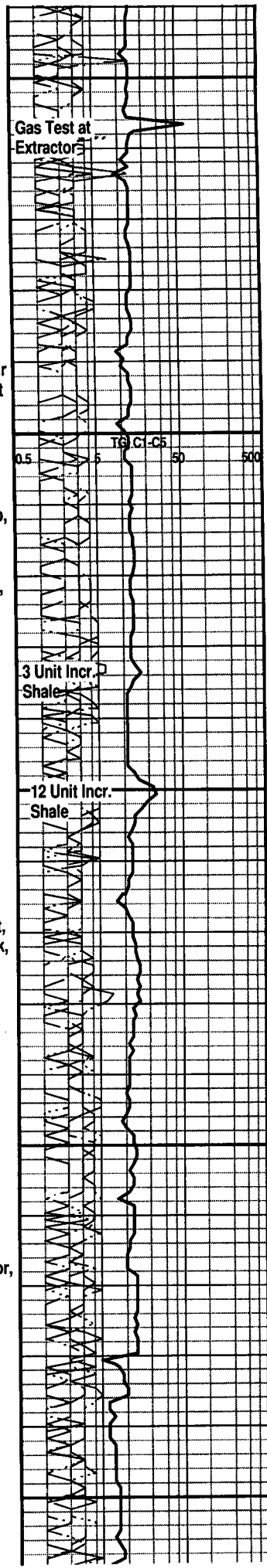
LM; med brn, v. foss - finely pelletal, hd, occ pyr

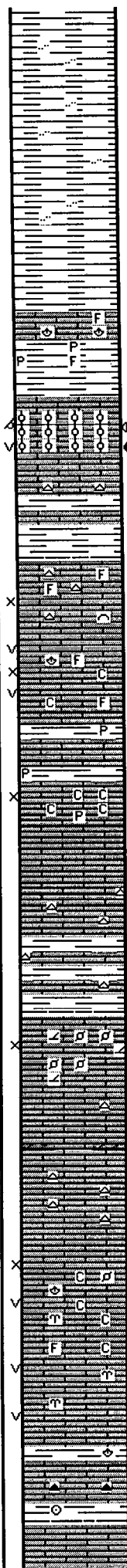
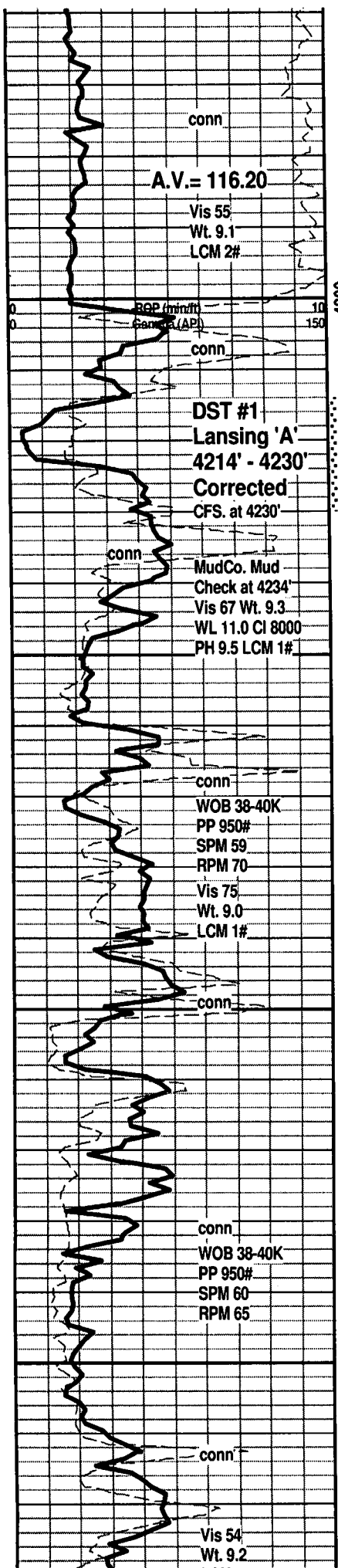
SH; lt to med gy, fiss, interbdd vf gr qtz ss strngs.

LM; med to occ dk brn, foss, hd, well cem, scat gritty sandy text, no vis por, dull yel min fluor, no stn or odor, ns.

SH; lt gy, gy grn, silty ip, platy, scat pyr, scat vf gr ss strngs.

SH; lt to med gy, silty to sandy, most smooth





SH; lt to med gy, silty ip, platy

BROWN LMST. 4202(-1995)

LM; med brn, dense, blocky, hd, foss ip.

SH; med gy, foss/pyr, v. firm

LANSING 'A' 4214(-2007)

LM; lt to med brn, oolitic, med to lrg molds, v. gd oomoldic por, occ vug por, med to occ brite yel fluor, gas bubbles, SSFO - light brn, faint to fair odor, spotted to occ even lt brn stn, fair cut, some barren por

DST #1: Lansing 'A' 4214' - 4230'

LANSING 'B' 4237(-2030)

LM; tan to lt brn, foss ip, most well cem, scat off wh cht, poor - no vis por, lt yel fluor, no stn or odor, no gas kick

LM; lt gy, tan, med xln w/scat foss mat, vug and interxln por, occ soft chalky mtx, lt yel min fluor only, no stn or odor, no gas kick, ns.

SH; med gr grn, firm, occ pyr

LM; off wh, buff, tan, f to med xln, fair interxln por, much soft chalky mtx, dull yel min fluor only, no stn or odor, ns.

LM; med to kd brn, most dense, micritic, blocky, occ brn foss cht, tite

LM; med gy brn, hd, scat gy cht, tite

LM; tan to off wh, buff, foss- finely pelletal ip, fair interpart por, scat sucrosic text - partly dolomitic, sparse lt yel min fluor, no stn or odor, ns.

LM; lt brn, foss ip, occ finely pelletal, minor sucrosic text, trc. dolomitic lmst, most tite, cherty ip, dull yel fluor, no stn, ns.

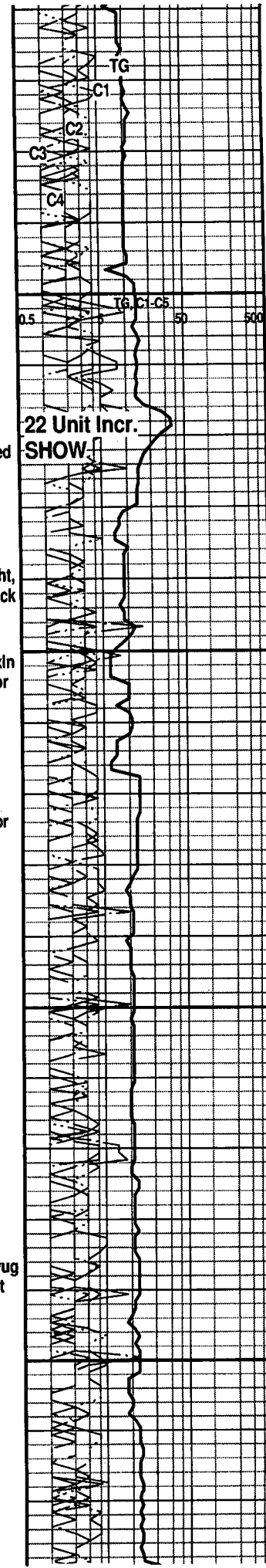
LM; off wh, wh, f to med xln, scat fair interxln w/occ vug por, minor foss mat, interbdd fairly soft chalky lmst, lt yel min fluor only, no stn or odor, no gas kick, ns.

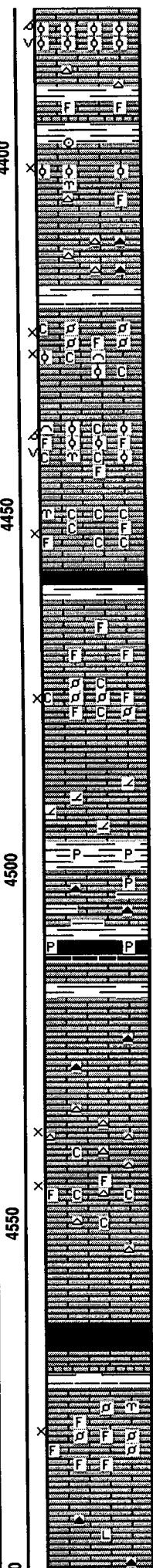
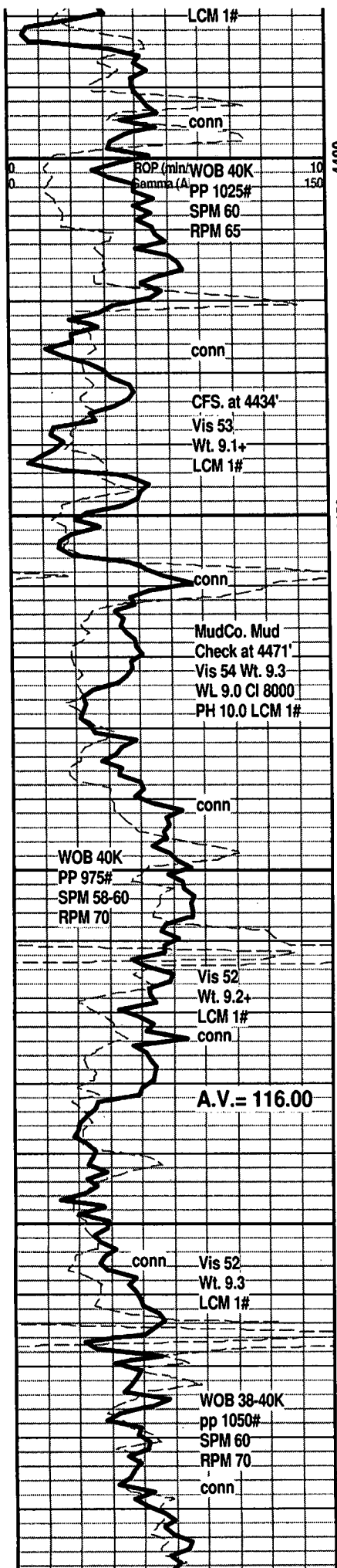
LM; off wh, wh, foss, well dev. vug por ip, no stn or odor, barren, ns.

LM; med brn, dense, scat dk gy cht, tite

LANSING/KC. 'H' 4373(-2166)

LM; lt brn, foss - oolitic, small to med size molds, gd





oomoldic w/rare vug por, brittle ip, v. dull yel to no fluor, no stn or odor, no vis gas, no real gas kick (gas test at extractor/change filter caused gas increase not the formation)

SH; med gy, grn, foss ip.

LM; tan to lt brn, foss, oolitic ip, most well cem, poor interpart por, no fluor, no stn or odor, ns.

LM; tan to lt brn, hd, micritic, scat med/dk brn cht, tite

KC. 'I' ZONE 4421(-2214)

LM; off wh, tan, v. foss, finely pelletal to oolitic, fair to gd interpart por in some, occ soft chalky mtx, dull yel min fluor only, no vis stn, no odor, no vis gas bubbles, no sample shows

LM; off wh, tan, buff, highly foss - oolitic, scat well dev. oomoldic por, vug por also, minor chalky mtx, v. dull yel fluor, no stn or odor, barren, ns.

LM; off wh, wh, buff, med xln w/scat foss mat, much soft wh chalk and chalky mtx, poor to fair interpart por, dull yel min fluor, ns.

SH; blk, fiss, soft

KC. 'J' DENNIS 4462(-2255)

LM; tan to lt brn, buff, fxln, scat well cem foss, most dense, blocky, no vis por, ns.

LM; tan to cream, buff, foss, scat fair interpart por, occ soft chalky mtx, lt yel min fluor, no stn or odor, no gas kick, ns.

LM; med gy brn, gritty text, partly dolomitic, hd, no vis por, ns.

SH; med to dk gy, v. firm, occ pyr

LM; med to dk brn, hd, argil ip, scat dk gy/blk cht, tite

STARK SHALE 4511(-2304)

SH; blk, platy, soft ip, occ pyr

SWOPE 4518(-2311)

LM; lt gy, gy brn, dense, hd, micritic, scat blk cht

LM; off wh, wh, buff, med xln, abnt opaque to transl. spar calc xtals, fair to gd interxln por, interbdd wh/off wh foss cht, dull yel min fluor, no stn or odor, no gas kick

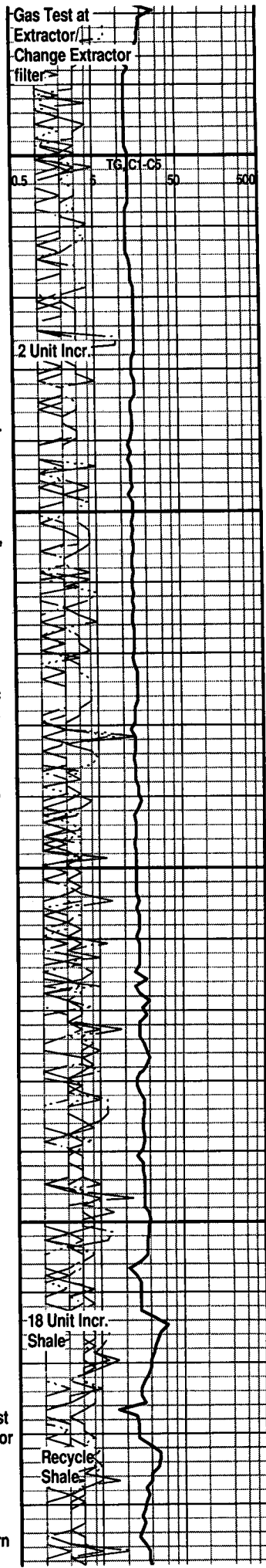
LM; off wh, tan, buff, foss ip, much soft chalky mtx, interbdd wh foss cht, no stn or odor, ns.

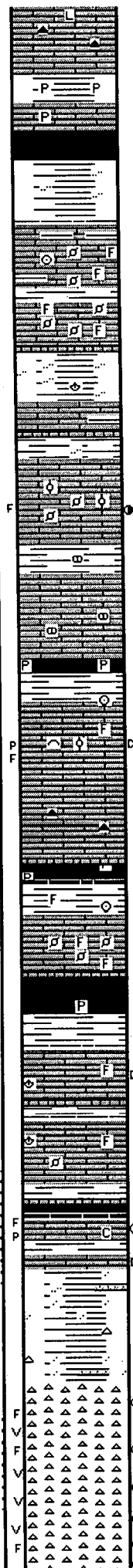
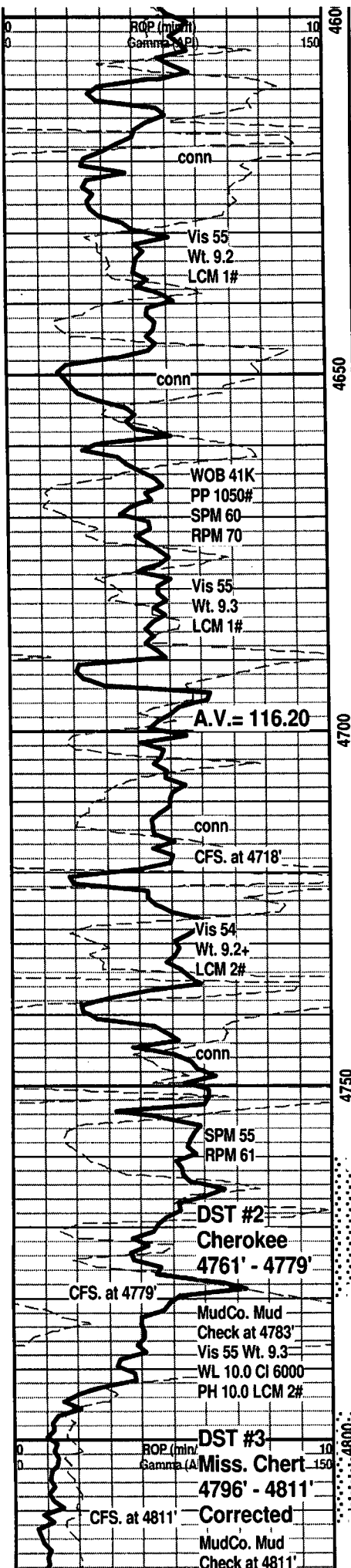
SH; blk, carb, platy, trc gas

HERTHA 4573(-2366)

LM; tan to lt brn, foss, scat foss pellets and hash, most well cem - poor interpart por, occ cherty, lt yel min fluor only, no stn or odor, ns.

LM; med to dk brn, hd, micritic to litho, interbdd dk brn cht, hd





BASE KANSAS CITY 4608(-2406)

SH; varic, red, grn brn, fiss, occ pyr

LM; lt to med gy, pyr ip, hd

SH; varic, grn, rust red, brn, yel, lavender, blk, fiss to flakey, occ silty

PLEASANTON 4629(-2422)

LM; off wh, tan, lt brn, foss ip, scat pale grn argil lmst, hd, no vis por, no stn or odor, ns.

LM; off wh, tan, foss w/small pellets, some dense - micritic, no vis por, ns.

SH; varic, grn, maroon, brn, silty ip, foss

MARMATON 4654(-2447)

LM; tan, lt brn w/grn tint, hd, micritic, blocky

LM; off wh, wh, buff, fxln, trc fracs, trc v. light to dk brn hvy oil stn, much brite yel fluor, scat well cem oolites and pellets, no odor, no cut, poss. gas bubbles, v. weak show in samples

LM; tan to off wh, buff, most dense, micritic, scat lt yel fluor, occ nodular, no vis por, no stn or odor, ns.

SH; dk gy - blk, platy, occ pyr

PAWNEE 4697(-2490)

LM; lt brn, foss ip, most dense, few pcs. w/dk brn heavy residual oil stn, no odor, poor p-p w/some frac por, scat lt yel fluor, no vis gas bubbles, weak cut, looks tite

LM; med brn, most dense, micritic, scat brn foss cht, tite

SH; blk, blocky, pyr, trc gas

SH; grn, foss, firm

LM; tan to buff, lt brn, foss - abnt small pellets and hash, well cem, dense, lt yel min fluor, ns.

CHEROKEE SHALE 4735(-2528)

SH; blk, dk gy, platy, carb ip, rarely pyr

LM; tan to lt brn, fxln, scat well cem foss mat, no vis por, no fluor, trc blk tar/gilsonite, no live shows, no odor, looks tite

LM; lt to med brn, hd, micritic, rare well cem foss mat, no vis por, no fluor, no stn, ns.

SH; dk gy, blk, fiss

LM; off wh, f to med xln, spar calc xtals, fracs w/live edge stn, scat p-p por w/med brn stn, med yel fluor, SSFO, no odor, minor chalky mtx, gd cut, tar/gilsonite, trc gas bubbles

DST #2: Cherokee Lmst. 4761' - 4779'

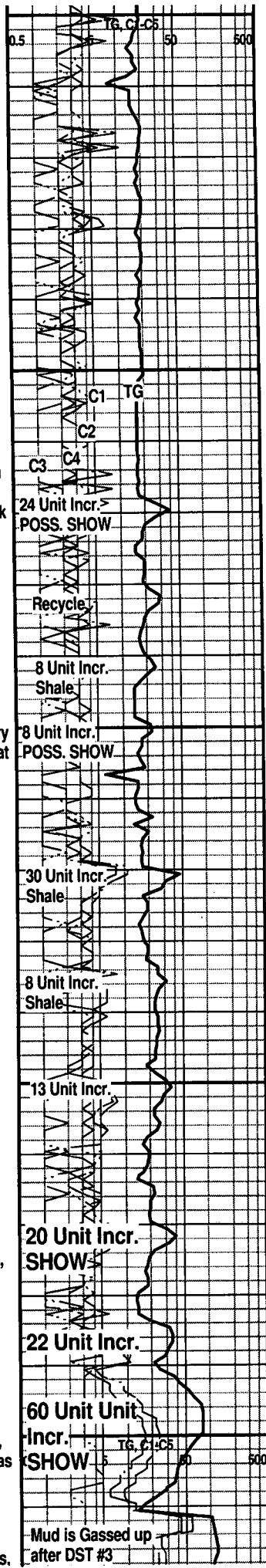
SH; varic, grn, rust red, maroon, yel, w/weath lmst, some varic cht, trc med gr rnd qtz ss

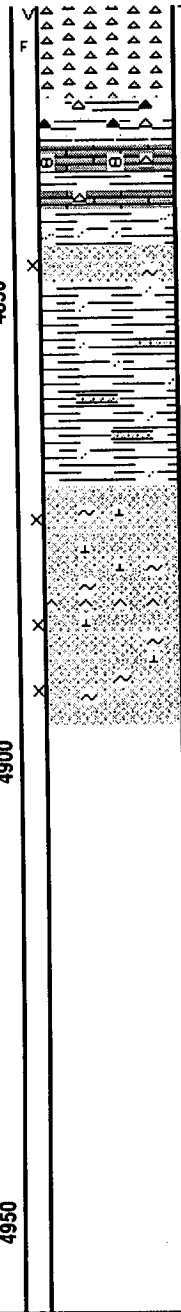
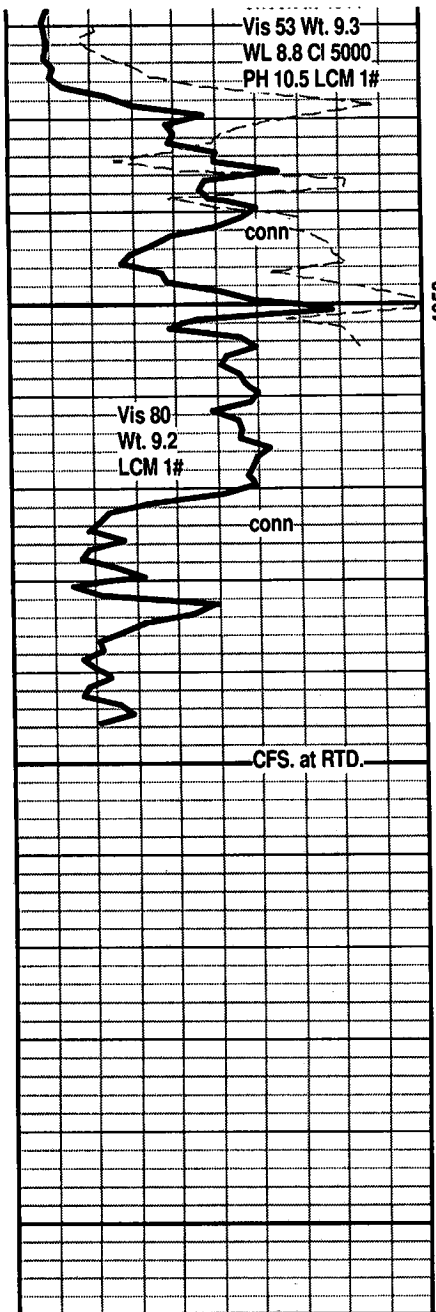
MISSISSIPPI CHERT 4792(-2585)

CHT; wh, fresh and tripolite, fracs w/scat weathered bands w/vug por, med brn spotted to occ even oil stn, SSFO, faint oil/gas odor, scat med to brite yel fluor, gas bubbles

DST #3: Miss. Chert 4796' - 4811'

CHT; wh, fresh and trip, much med to brite yel fluor, SFO, scat fracs and vug por, gd odor, few gas bubbles.





bands of well weathered cht-SFO
 CHT; wh, pred fresh, scat vug por, occ dk brn stn, no odor, abnt varic sandy shales and occ varic. cherts

LM: med red brn, hd, cherty ip, some nodular, weathered/oxidized, tite

KINDERHOOK SHALE 4840(-2633)

SS; wh, occ grn, f gr qtz, fri ip, clusters, fair intergran por, occ glau, subrnd, no fluor, no stn or odor, ns.

SH; med gy grn, platy, sandy ip, scat grn vf to f gr qtz ss strngs

KINDERHOOK SAND 4870(-2663)

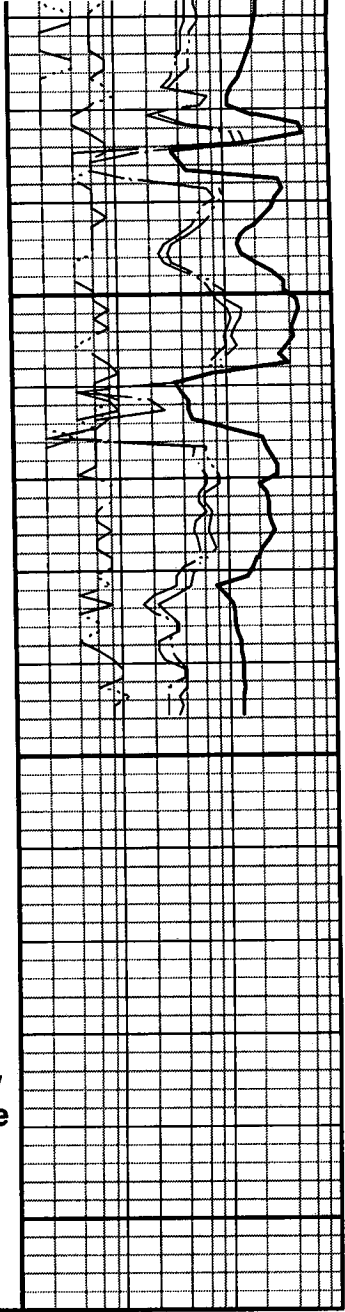
SS; wh, clr, pale grn, all f gr qtz, clusters, fri, fair to gd intergran por, trc glau, subrnd to subang gr, calc cmt, no fluor, no stn or odor, barren, ns.

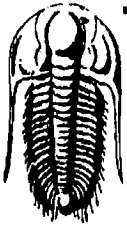
SS; lt gy, wh, pale grn, f gr qtz, clusters, some v. hd - siliceous, most fri w/fair to gd intergran por, occ glau, no fluor, no stn or odor, barren, ns.

RTD. 4900' at 7:15 AM. 4/22/12

LTD. 4896'
 Halliburton DIL, NEU/DEN w/PE,
 Microlog, MIRL

NOTE: This log was shifted upward by 3 to 5' for correlation purposes with the Halliburton LOGS.





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Strata Exploration Inc

4-28S-18W Kiowa

PO Box 401
Fairfield, IL 62837

3-4 Aaron Einsel

Job Ticket: 47485

DST#: 3

ATTN: Jon Christensen

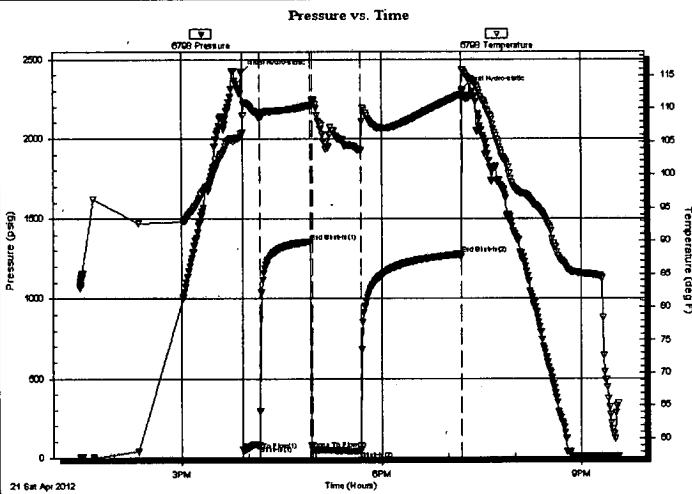
Test Start: 2012.04.21 @ 13:29:44

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: **No** Whipstock: **ft (KB)**
 Time Tool Opened: 15:55:14
 Time Test Ended: 21:34:14
 Interval: **4800.00 ft (KB) To 4815.00 ft (KB) (TVD)**
 Total Depth: **4815.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good**
 Test Type: **Conventional Bottom Hole (Reset)**
 Tester: **Leal Cason**
 Unit No: **45**
 Reference Elevations: **2207.00 ft (KB)**
2196.00 ft (CF)
 KB to GR/CF: **11.00 ft**

Serial #: 6798 **Inside**
 Press@RunDepth: **41.75 psig @ 4801.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2012.04.21** End Date: **2012.04.21** Last Calib.: **1899.12.30**
 Start Time: **13:29:45** End Time: **21:34:14** Time On Btm: **2012.04.21 @ 15:53:44**
 Time Off Btm: **2012.04.21 @ 19:12:29**

TEST COMMENT: IF: Strong Blow, BOB in 10 seconds, GTS in 12 minutes, Gauged Gas
 IS: No Blow Back
 FF: Strong Blow, BOB & GTS Immediate, Gauged Gas & Caught Sample
 FSI: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2417.37	106.07	Initial Hydro-static
2	49.83	108.87	Open To Flow (1)
17	77.49	108.56	Shut-in(1)
63	1358.06	110.51	End Shut-in(1)
64	54.94	111.11	Open To Flow (2)
108	41.75	103.57	Shut-in(2)
198	1278.12	112.08	End Shut-in(2)
199	2306.16	115.88	Final Hydro-static

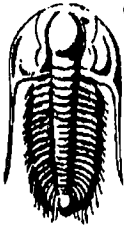
Recovery

Length (ft)	Description	Volume (bbl)
0.00	4777 GIP	0.00
5.00	Mud	0.02

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	38.00	353.47
Last Gas Rate	0.50	12.00	178.09
Max. Gas Rate	0.50	38.00	353.47



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploration Inc

4-28S-18W Kiowa

PO Box 401
Fairfield, IL 62837

3-4 Aaron Einsele

Job Ticket: 47485

DST#: 3

ATTN: Jon Christensen

Test Start: 2012.04.21 @ 13:29:44

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 54.00 sec/qt
Water Loss: 9.58 in³
Resistivity: ohm.m
Salinity: 3000.00 ppm
Filter Cake: 0.20 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	4777 GIP	0.000
5.00	Mud	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

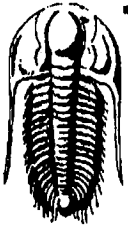
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Strata Exploration Inc

4-28S-18W Kiowa

PO Box 401
Fairfield, IL 62837

3-4 Aaron Einsele

Job Ticket: 47485

DST#: 3

ATTN: Jon Christensen

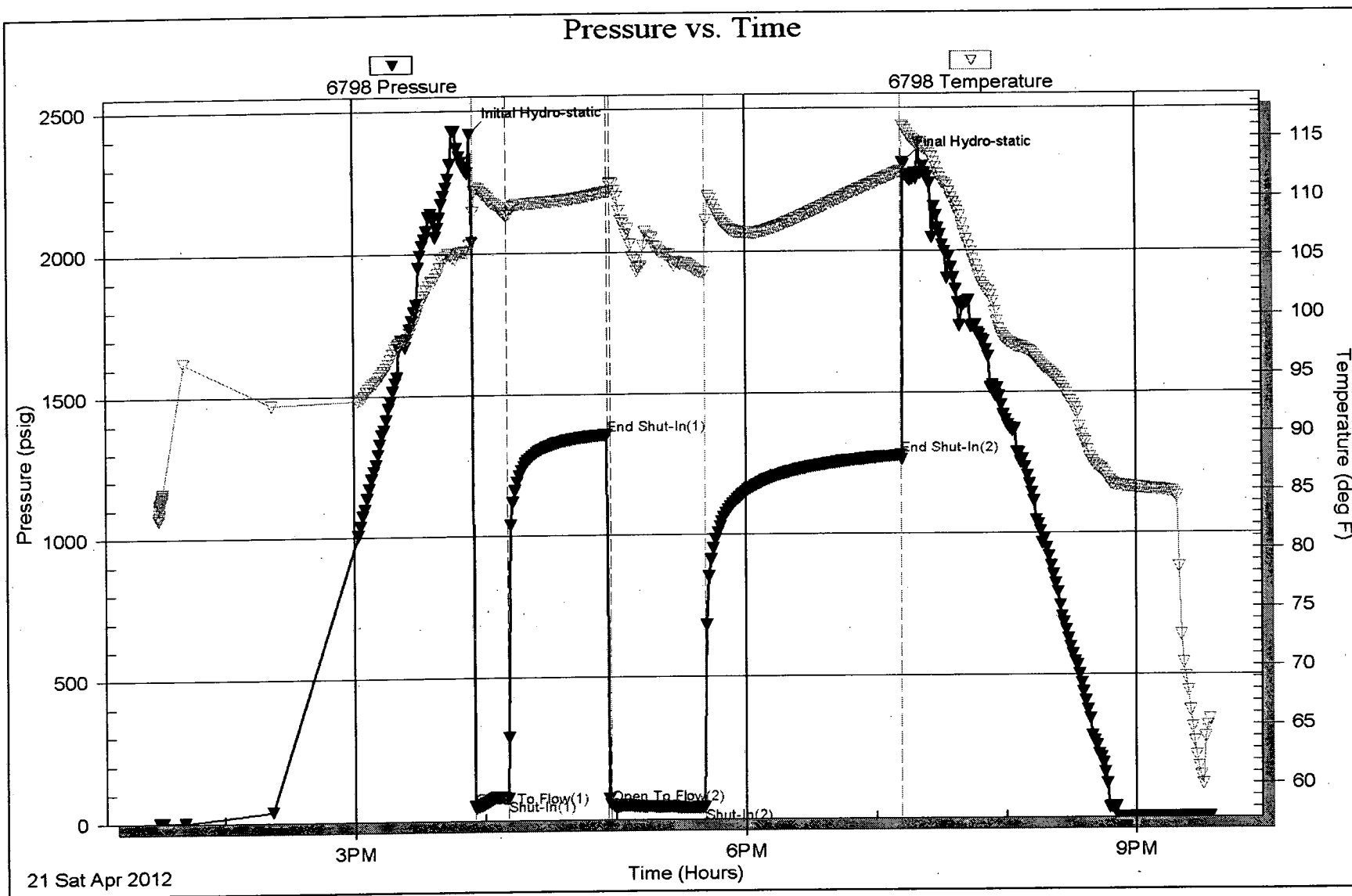
Test Start: 2012.04.21 @ 13:29:44

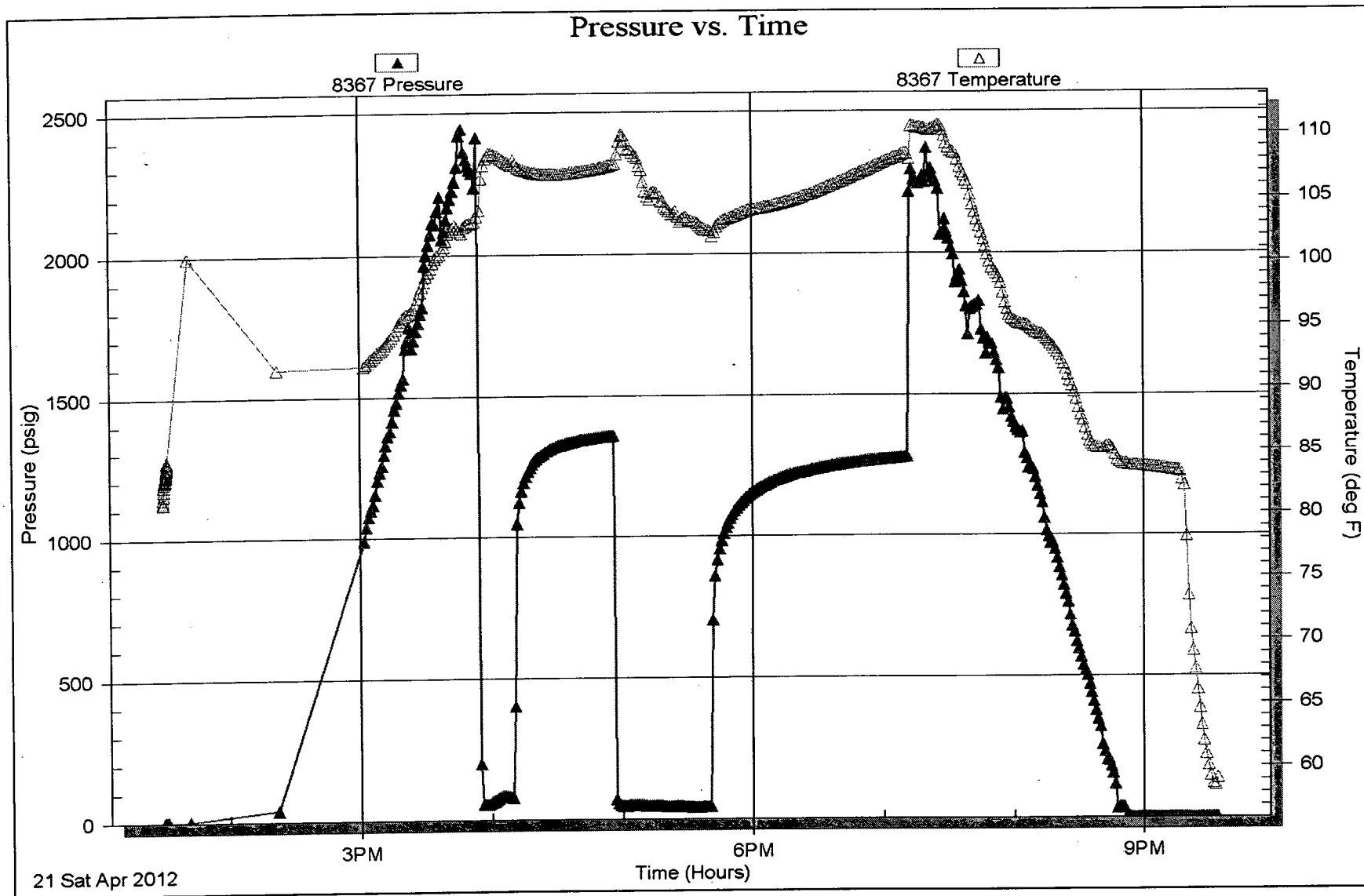
Gas Rates Information

Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
1	15	0.50	38.00	353.47
2	10	0.50	18.00	218.56
2	20	0.50	16.00	205.07
2	30	0.50	14.00	191.58
2	40	0.50	12.00	178.09
2	45	0.50	12.00	178.09





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

August 25, 2012

John R Kinney
Strata Exploration, Inc.
PO BOX 401
FAIRFIELD, IL 62837-0401

Re: ACO1
API 15-097-21723-00-00
Aaron Einsel 3-4
NE/4 Sec.04-28S-18W
Kiowa 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,
John R Kinney

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

August 27, 2012

John R Kinney
Strata Exploration, Inc.
PO BOX 401
FAIRFIELD, IL 62837-0401

Re: ACO-1
API 15-097-21723-00-00
Aaron Einsel 3-4
NE/4 Sec.04-28S-18W
Kiowa County, Kansas

Dear John R Kinney:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 04/13/2012 and the ACO-1 was received on August 25, 2012 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department