



KANSAS CORPORATION COMMISSION 1066497
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 # 31191
Name: R & B Oil & Gas, Inc.
Address 1: 124 N. Main
Address 2: PO BOX 195
City: ATTICA State: KS Zip: 67009 + 9217
Contact Person: Randy Newberry
Phone: (620) 254-7251
CONTRACTOR: License # 33902
Name: Hardt Drilling LLC
Wellsite Geologist: Tim Pierce
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>9/7/2011</u>	<u>9/14/2011</u>	<u>9/14/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-007-23757-00-00
Spot Description: S/2 NE NW
S2 NE NW Sec. 22 Twp. 34 S. R. 10 East West
990 Feet from North / South Line of Section
3300 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Barber
Lease Name: Swartz Well #: A 2
Field Name: Wildcat
Producing Formation: dry hole
Elevation: Ground: 1353 Kelly Bushing: 1363
Total Depth: 5213 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 271 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 cmf.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 7000 ppm Fluid volume: 240 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite: _____
Operator Name: Jody Oil & Gas Corporation
Lease Name: Sanders 3A SWD License #: 3288
Quarter SW Sec. 20 Twp. 31 S. R. 8 East West
County: Harper Permit #: D-23,313

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: Deanna Gerrico Date: 11/02/2011



1066497

Operator Name: R & B Oil & Gas, Inc. Lease Name: Swartz Well #: A 2
Sec. 22 Twp. 34 S. R. 10 East West County: Barber

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 (Attach Additional Sheets)
Samples Sent to Geological Survey
Cores Taken
Electric Log Run
Electric Log Submitted Electronically
List All E. Logs Run:
Dual Induction
Dual Compensated Porosity

CASING RECORD
Report all strings set-conductor, surface, intermediate, production, etc.
Table with columns: 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
Table with columns: Purpose, Depth Top Bottom, Type of Cement, # Sacks Used, Type and Percent Additives

PERFORATION RECORD - Bridge Plugs Set/Type
Specify Footage of Each Interval Perforated
Table with columns: Shots Per Foot, PERFORATION RECORD, Acid, Fracture, Shot, Cement Squeeze Record, 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
Table with columns: Oil Bbls., Gas Mcf, Water Bbls., Gas-Oil Ratio, Gravity

DISPOSITION OF GAS: Vented Sold Used on Lease
METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify)
PRODUCTION INTERVAL:

ALLIED CEMENTING CO., LLC. 037727

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

SERVICE POINT: Red Lake

DATE <u>9-7-11</u>	SEC <u>22</u>	TWP. <u>34S</u>	RANGE <u>10W</u>	CALLED OUT	ON LOCATION	JOB START <u>9:30 am</u>	JOB FINISH <u>10:00 am</u>
LEASE <u>Subj. to</u>	WELL # <u>A-2</u>	LOCATION <u>Hozelton, 1/2, 1/2 E, southside</u>			COUNTY <u>Barber</u>	STATE <u>KS</u>	
OLD OR (NEW) (Circle one)							

CONTRACTOR Hardt Co #1

TYPE OF JOB: Surface

HOLE SIZE 3 1/4" T.D. 271'

CASING SIZE 8 5/8" DEPTH 271'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 20'

PERFS.

DISPLACEMENT 16 bbls H₂O

OWNER R+B oil & gas

CEMENT

AMOUNT ORDERED 225 sk 60:40 2/100 2/400

COMMON	<u>135</u> SK	@	<u>16.25</u>	<u>2193.75</u>
POZMIX	<u>40</u> SK	@	<u>8.50</u>	<u>340.00</u>
GEL	<u>4</u> SK	@	<u>21.25</u>	<u>85.00</u>
CHLORIDE	<u>7</u> SK	@	<u>58.20</u>	<u>407.40</u>
ASC		@		

EQUIPMENT

PUMP TRUCK CEMENTER with through

360/265 HELPER Jason Throssel

BULK TRUCK

421/252 DRIVER Edgar Ayer

BULK TRUCK

DRIVER

HANDLING	<u>236</u>	@	<u>2.25</u>	<u>531.00</u>
MILEAGE	<u>236/11/20</u>	@		<u>519.20</u>
TOTAL				<u>4501.35</u>

REMARKS:

oil well with truck

pump 3 bbls H₂O ahead

mix 225 sk cement

displ 16 bbls H₂O

shut in

seal & circulate

SERVICE

DEPTH OF JOB	<u>271'</u>		
PUMP TRUCK CHARGE	<u>1125.00</u>		
EXTRA FOOTAGE		@	
MILEAGE	<u>40</u>	@	<u>7.00</u> <u>280.00</u>
MANIFOLD		@	
<u>Light Vehicle</u>	<u>40</u>	@	<u>4.00</u> <u>160.00</u>

CHARGE TO: R+B oil & gas

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL 1565.00

PLUG & FLOAT EQUIPMENT

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
TOTAL _____		

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (if Any) _____

TOTAL CHARGES 6066.35

DISCOUNT 20% IF PAID IN 30 DAYS

PRINTED NAME Scott C. Adair

SIGNATURE _____

4853.08

ALLIED CEMENTING CO., LLC. 037733

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

SERVICE POINT: Red Bluffs

DATE <u>9-14-11</u>	SEC <u>22</u>	TWP. <u>34s</u>	RANGE <u>10w</u>	CALLED OUT	ON LOCATION	JOB START <u>7:30pm</u>	JOB FINISH <u>11:30pm</u>
LEASE <u>Schwartz</u>		WELL # <u>A-2</u>		LOCATION <u>Hazell, KS, 1 South 1/2 East</u>		COUNTY <u>Garber</u>	STATE <u>KS</u>
OLD OR <u>NEW</u> (Circle one)				<u>South into</u>			

CONTRACTOR Hapt Rg #1
 TYPE OF JOB Rotary plug
 HOLE SIZE 7 7/8 T.D.
 CASING SIZE _____ DEPTH _____
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4 1/2 DEPTH 600'
 TOOL _____ DEPTH _____
 PRES. MAX 200 psi MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT _____

OWNER R+B oil + Gas
 CEMENT AMOUNT ORDERED 150 sk 60=40=4 1/2 gal

EQUIPMENT

PUMP TRUCK CEMENTER with hand
 # 701/285 HELPER Jason Johnson
 BULK TRUCK
 # 363/290 DRIVER Justin Elson
 BULK TRUCK
 # _____ DRIVER _____

COMMON	<u>A 90 sk @ 16.25</u>	<u>1462.50</u>
POZMIX	<u>20 sk @ 2.50</u>	<u>510.00</u>
GEL	<u>5 sk @ 21.25</u>	<u>106.25</u>
CHLORIDE	@	
ASC	@	
	@	
	@	
	@	
	@	
	@	
	@	
HANDLING	<u>155 @ 2.25</u>	<u>348.75</u>
MILEAGE	<u>11/25/155</u>	<u>426.25</u>
TOTAL		<u>2853.75</u>

REMARKS:
1st plug
Run pipe into 600'
pump 10 bbls H₂O
mix 50 sk cement disp 4 1/2 bbls H₂O
2nd plug pipe of 300' mix 50 sk cement disp 12 bbls
3rd plug pipe of 60' mix 20 sk cement
mix 20 sk for Ret hole.

SERVICE

DEPTH OF JOB	<u>600'</u>	
PUMP TRUCK CHARGE	<u>1250.00</u>	
EXTRA FOOTAGE	@	
MILEAGE	<u>50 @ 7.00</u>	<u>350.00</u>
MANIFOLD	@	
<u>Light Vehicle 50</u>	<u>@ 4.00</u>	<u>200.00</u>
	@	
TOTAL		<u>1800.00</u>

CHARGE TO: R+B Oil + Gas
 STREET _____
 CITY _____ STATE _____ ZIP _____

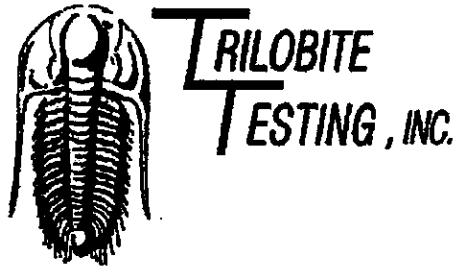
To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PLUG & FLOAT EQUIPMENT

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
TOTAL		_____

PRINTED NAME Scott C Adelhardt
 SIGNATURE Scott C Adelhardt

SALES TAX (If Any) _____
 TOTAL CHARGES 4653.75
 DISCOUNT 20% IF PAID IN 30 DAYS
Net 3723.00



DRILL STEM TEST REPORT

Prepared For: **R & B Oil & Gas**

PO Box 195
Attica, KS 67009

ATTN: Tim Pierce

22-34s-10w Barber,KS

Swartz A #2

Start Date: 2011.09.12 @ 07:46:53

End Date: 2011.09.12 @ 18:39:31

Job Ticket #: 43983 DST #: 1

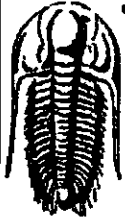
R & B Oil & Gas
Swartz A #2
22-34s-10w Barber,KS
DST # 1
Mississippi
2011.09.12

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2011.09.19 @ 14:36:47



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

R & B Oil & Gas

Swartz A #2

PO Box 195
Attica, KS 67009

22-34s-10w Barber, KS

Job Ticket: 43983

DST#: 1

ATTN: Tim Pierce

Test Start: 2011.09.12 @ 07:46:53

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock ft (KB)

Time Tool Opened: 10:35:53

Time Test Ended: 18:39:31

Test Type: Conventional Bottom Hole (Initial)

Tester: Leal Cason

Unit No: 45

Interval: **4718.00 ft (KB) To 4747.00 ft (KB) (TVD)**

Total Depth: 4747.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1363.00 ft (KB)

1350.00 ft (CF)

KB to GR/CF: 13.00 ft

Serial #: 6798

Inside

Press@RunDepth: 110.81 psig @ 4719.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.09.12 End Date: 2011.09.12

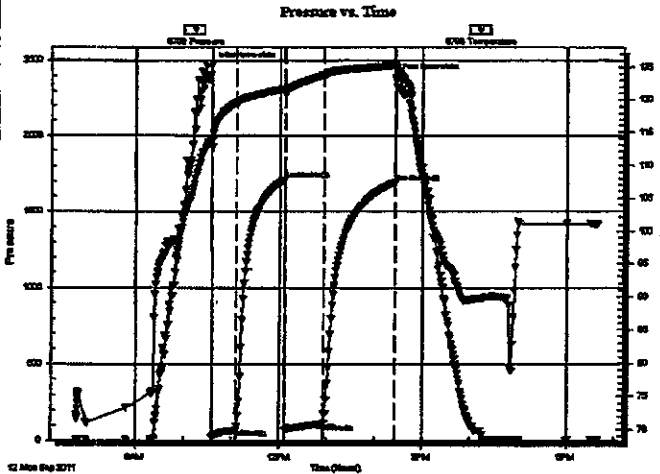
Last Calib.: 2011.09.12

Start Time: 07:46:54 End Time: 18:39:30

Time On Btm: 2011.09.12 @ 10:34:23

Time Off Btm: 2011.09.12 @ 14:26:38

TEST COMMENT: IF: Fair Blow, BOB in 17 minutes
IS: No Blow back
FF: Fair Blow, BOB in 6 minutes
FS: No Blow back



PRESSURE SUMMARY

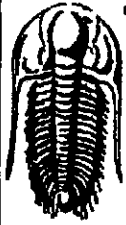
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2463.08	113.68	Initial Hydro-static
2	22.78	113.68	Open To Flow (1)
32	69.48	119.52	Shut-In(1)
92	1712.03	121.69	End Shut-In(1)
93	64.34	120.96	Open To Flow (2)
142	110.81	123.75	Shut-In(2)
232	1694.66	125.28	End Shut-In(2)
233	2385.94	124.90	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	419 GIP	0.00
119.00	Water	0.59
62.00	SOMCM 2%O 22%M 76%W	0.87
30.00	GOMCM 10%G 6%O 40%W 44%M	0.42

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

R & B Oil & Gas

Swartz A #2

PO Box 195
Attica, KS 67009

22-34s-10w Barber, KS

Job Ticket: 43983

DST#: 1

ATTN: Tim Pierce

Test Start: 2011.09.12 @ 07:48:53

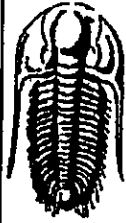
Tool Information

Drill Pipe:	Length: 4595.00 ft	Diameter: 3.80 inches	Volume: 64.46 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 119.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 76000.00 lb
			<u>Total Volume: 65.05 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	4718.00 ft			Final 74000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	29.00 ft			
Tool Length:	49.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4703.00	
Hydraulic tool	5.00			4708.00	
Packer	5.00			4713.00	20.00 Bottom Of Top Packer
Packer	5.00			4718.00	
Stubb	1.00			4719.00	
Recorder	0.00	6798	Inside	4719.00	
Recorder	0.00	8367	Outside	4719.00	
Perforations	25.00			4744.00	
Bullnose	3.00			4747.00	29.00 Bottom Packers & Anchor
Total Tool Length:	49.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

R & B Oil & Gas

Swartz A #2

PO Box 195
Attica, KS 67009

22-34s-10w Barber, KS

Job Ticket: 43983 DST#: 1

ATTN: Tim Pierce

Test Start: 2011.09.12 @ 07:46:53

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity: 115000 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 12.37 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	419 GIP	0.000
119.00	Water	0.585
62.00	SOMDW 2%O 22%M 76%W	0.870
30.00	GONDM 10%G 6%O 40%W 44%M	0.421

Total Length: 211.00 ft Total Volume: 1.876 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

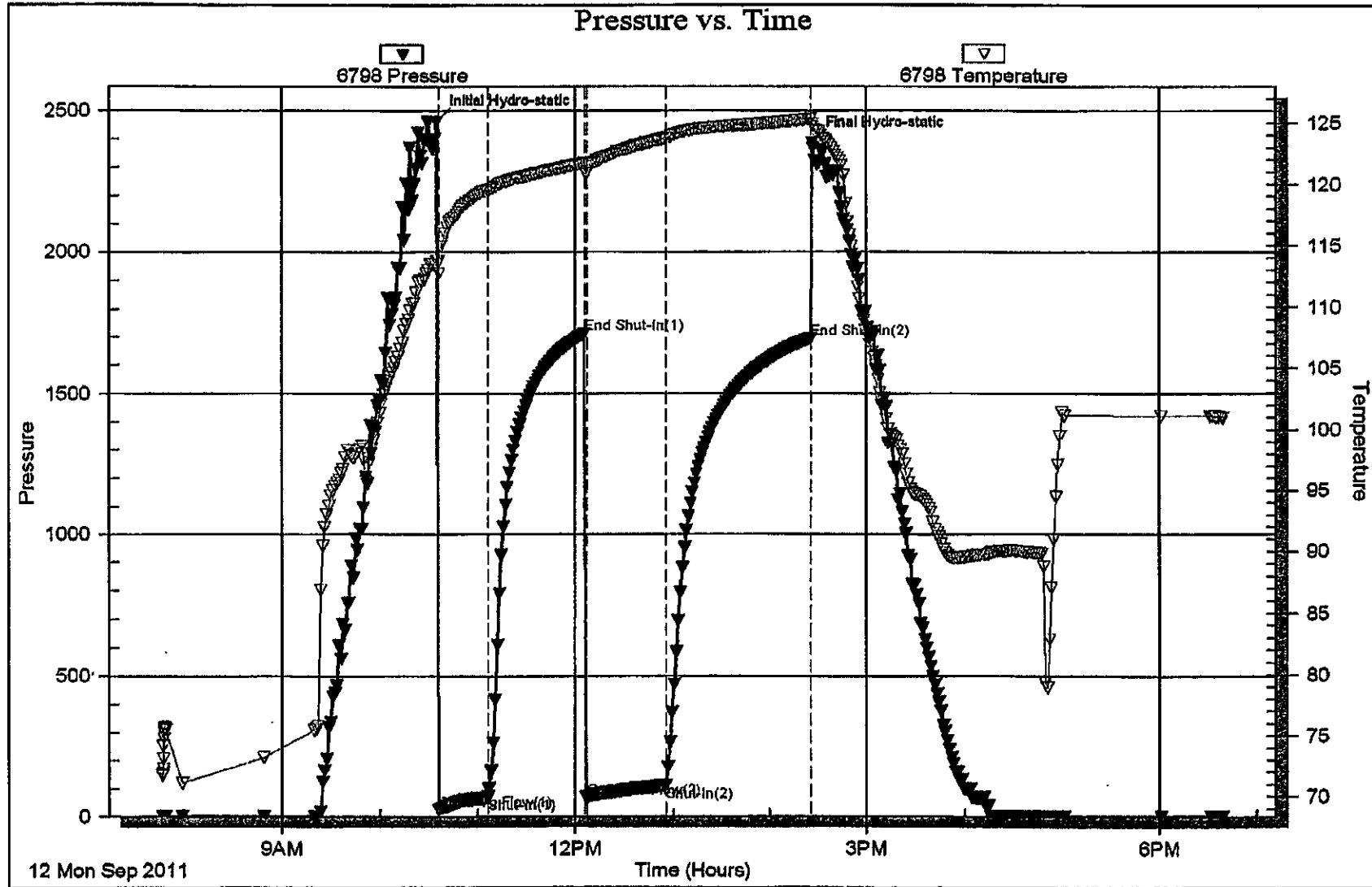
Recovery Comments: RW was .06 @ 85 degrees

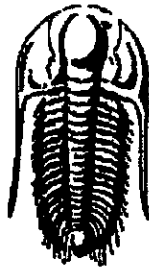
Serial #: 6798

Inside R & B Oil & Gas

22-34s-10w Barber,KS

DST Test Number: 1





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **R & B Oil & Gas**

PO Box 195
Attica, KS 67009

ATTN: Tim Pierce

22-34s-10w Barber,KS

Swartz A #2

Start Date: 2011.09.13 @ 13:55:27

End Date: 2011.09.13 @ 20:57:57

Job Ticket #: 43984 DST #: 2

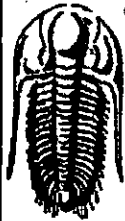
Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

R & B Oil & Gas
Swartz A #2
22-34s-10w Barber,KS
DST # 2
Simpson
2011.09.13

Printed: 2011.09.19 @ 14:35:44



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

R & B Oil & Gas

Swartz A #2

PO Box 195
Attica, KS 67009

22-34s-10w Barber, KS

Job Ticket: 43984 **DST#: 2**

ATTN: Tim Pierce

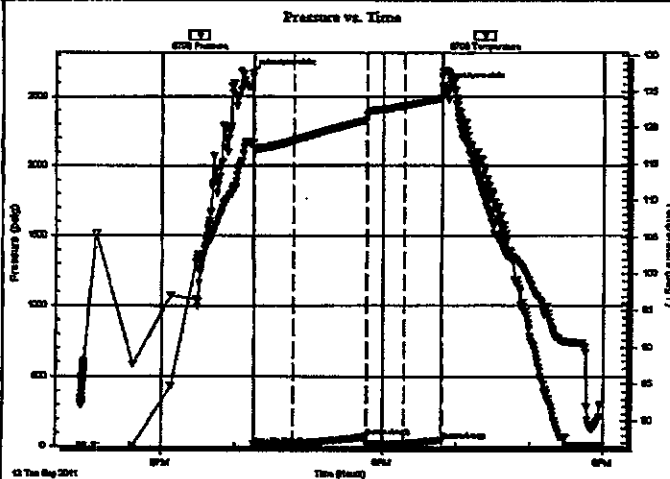
Test Start: 2011.09.13 @ 13:55:27

GENERAL INFORMATION:

Formation: **Simpson**
 Deviated: No Whipstock ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 16:15:42
 Tester: Leal Cason
 Time Test Ended: 20:57:57
 Unit No: 45
 Interval: **5136.00 ft (KB) To 5160.00 ft (KB) (TVD)**
 Reference Elevations: 1363.00 ft (KB)
 Total Depth: 5160.00 ft (KB) (TVD) 1350.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 13.00 ft

Serial #: 6798 Inside
 Press@RunDepth: 18.98 psig @ 5137.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.09.13 End Date: 2011.09.13 Last Calib.: 2011.09.13
 Start Time: 13:55:28 End Time: 20:57:57 Time On Btm: 2011.09.13 @ 16:14:12
 Time Off Btm: 2011.09.13 @ 18:48:27

TEST COMMENT: IF: Weak Surface Blow, Dead @ 7 minutes
 IS: No Blow
 FF: No Blow
 FS: No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2667.19	117.80	Initial Hydro-static
2	15.24	117.16	Open To Flow (1)
34	18.66	118.12	Shut-in(1)
93	70.36	121.00	End Shut-in(1)
93	15.44	121.63	Open To Flow (2)
123	18.98	122.96	Shut-in(2)
154	45.43	123.98	End Shut-in(2)
155	2575.68	127.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud	0.02

* Recovery from multiple tests

Gas Rates

Choke (Inches)	Pressure (psig)	Gas Rate (Mc/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

R & B Oil & Gas

Swartz A #2

PO Box 195
Attica, KS 67009

22-34s-10w Barber, KS

Job Ticket: 43984

DST#: 2

ATTN: Tim Pierce

Test Start: 2011.09.13 @ 13:55:27

Tool Information

Drill Pipe:	Length: 5027.00 ft	Diameter: 3.80 inches	Volume: 70.52 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 119.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 84000.00 lb
			<u>Total Volume: 71.11 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 76000.00 lb
Depth to Top Packer:	5136.00 ft			Final 76000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	44.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			5121.00	
Hydraulic tool	5.00			5126.00	
Packer	5.00			5131.00	20.00 Bottom Of Top Packer
Packer	5.00			5136.00	
Stubb	1.00			5137.00	
Recorder	0.00	6798	Inside	5137.00	
Recorder	0.00	8367	Outside	5137.00	
Perforations	20.00			5157.00	
Bullnose	3.00			5160.00	24.00 Bottom Packers & Anchor
Total Tool Length:	44.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

R & B Oil & Gas

Swartz A #2

PO Box 195
Attica, KS 67009

22-34s-10w Barber, KS

Job Ticket: 43984 DST#: 2

ATTN: Tim Perce

Test Start: 2011.09.13 @ 13:55:27

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 47.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.38 in ²	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7000.00 ppm			
Filter Cake: 0.20 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
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:

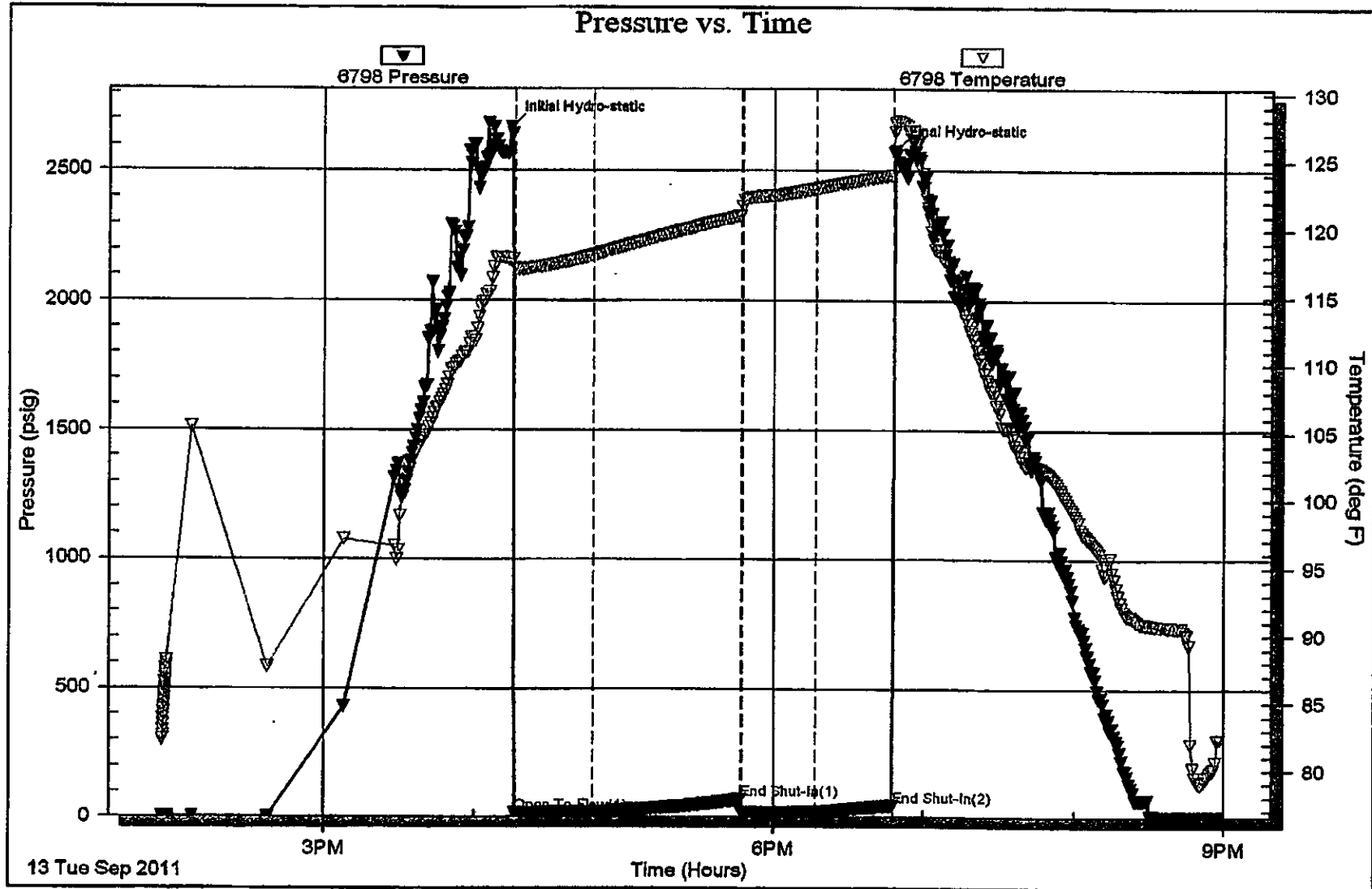
Recovery Comments:

Serial #: 6798

Inside R & B Oil & Gas

22-34s-10w Barber,KS

DST Test Number: 2



Timothy G. Pierce

Petroleum Geologist

GEOLOGIST'S REPORT DRILLING TIME AND SAMPLE LOG

COMPANY R & B Oil and Gas, Inc.
LEASE Swartz 'A' #2
FIELD Wildcat
LOCATION S/2 NE NW
SEC 22 **TWSP** 34S **RGE** 10W
COUNTY Barber **STATE** Kansas
CONTRACTOR Hardt Drilling Rig #1
SPUD 9-07-2011 **COMP** 9-14-2011
RTD 5211 **LTD** 5213
MUD UP 3161 **TYPE MUD** Chemical
SAMPLES SAVED FROM 4000 **TO** RTD
DRILLING TIME KEPT FROM 4000 **TO** RTD
SAMPLES EXAMINED FROM 4000 **TO** RTD
GEOLOGICAL SUPERVISION FROM 4040 **TO** RTD
GEOLOGIST ON WELL Tim Pierce

ELEVATIONS

KB 1363'
DF _____
GL 1353'
 Measurements Are All
 From Kelly Bushing

CASING

CONDUCTOR _____
SURFACE 8-5/8" at 271'
PRODUCTION None

ELECTRICAL SURVEYS

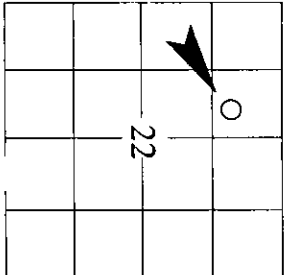
DIL / CN-CD _____
Log-Tech _____

FORMATION TOPS

ELECTRIC LOG

SAMPLE

Heebner Sh.	3586 (-2223)	NA
Iatan L.S.	NA	NA
Stark Sh.	4330 (-2967)	4329 (-2966)
Cherokee Sh.	4571 (-3208)	4569 (-3206)
Mississippi	4677 (-3314)	4677 (-3314)
Viola	5061 (-3698)	5060 (-3697)
Simpson	5149 (-3786)	5143 (-3780)




API # 15-007-23,757

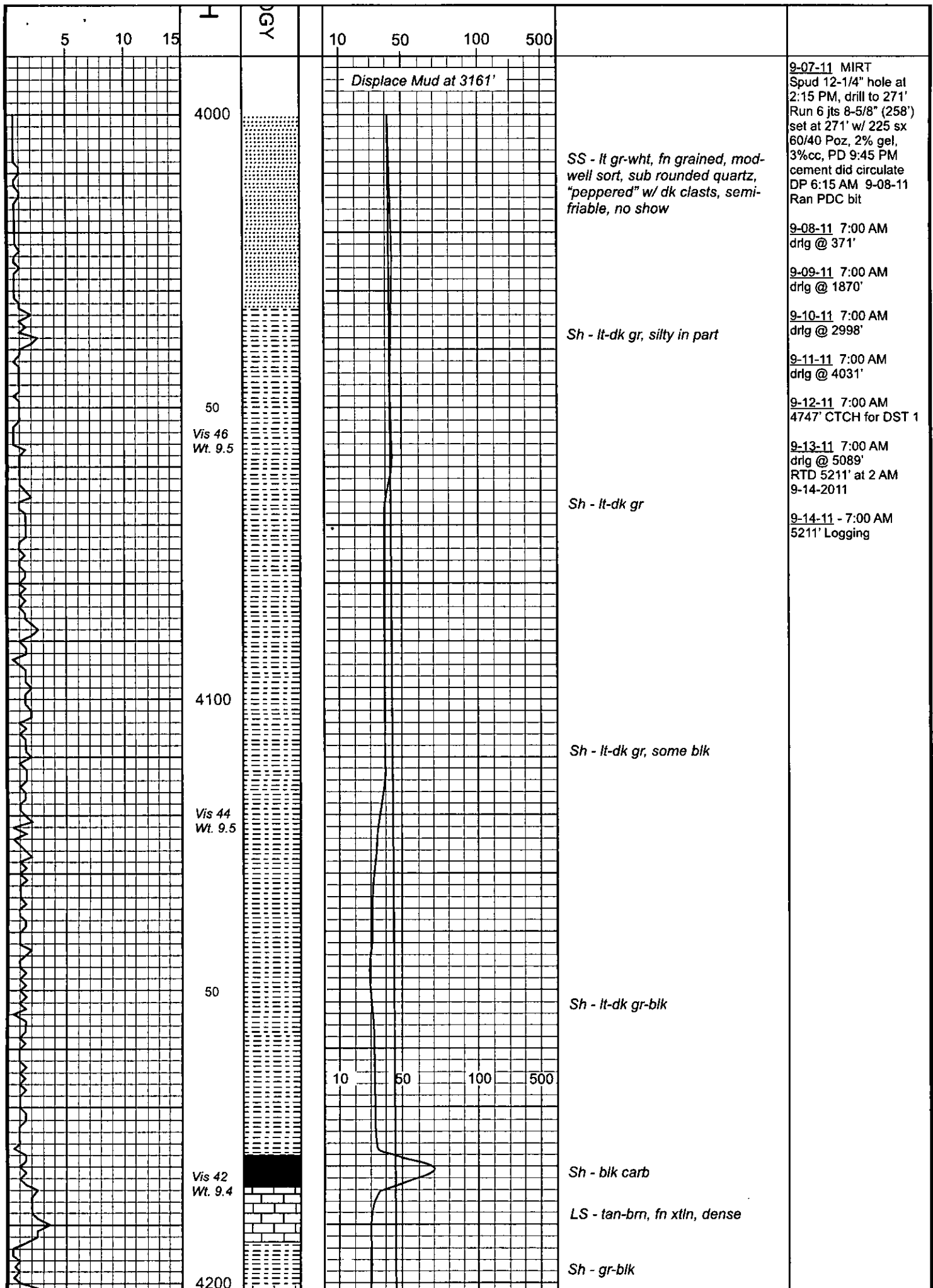
REMARKS Due to negative results on DST's and lack of commercial shows the decision was made to plug the Swartz 'A' #2.

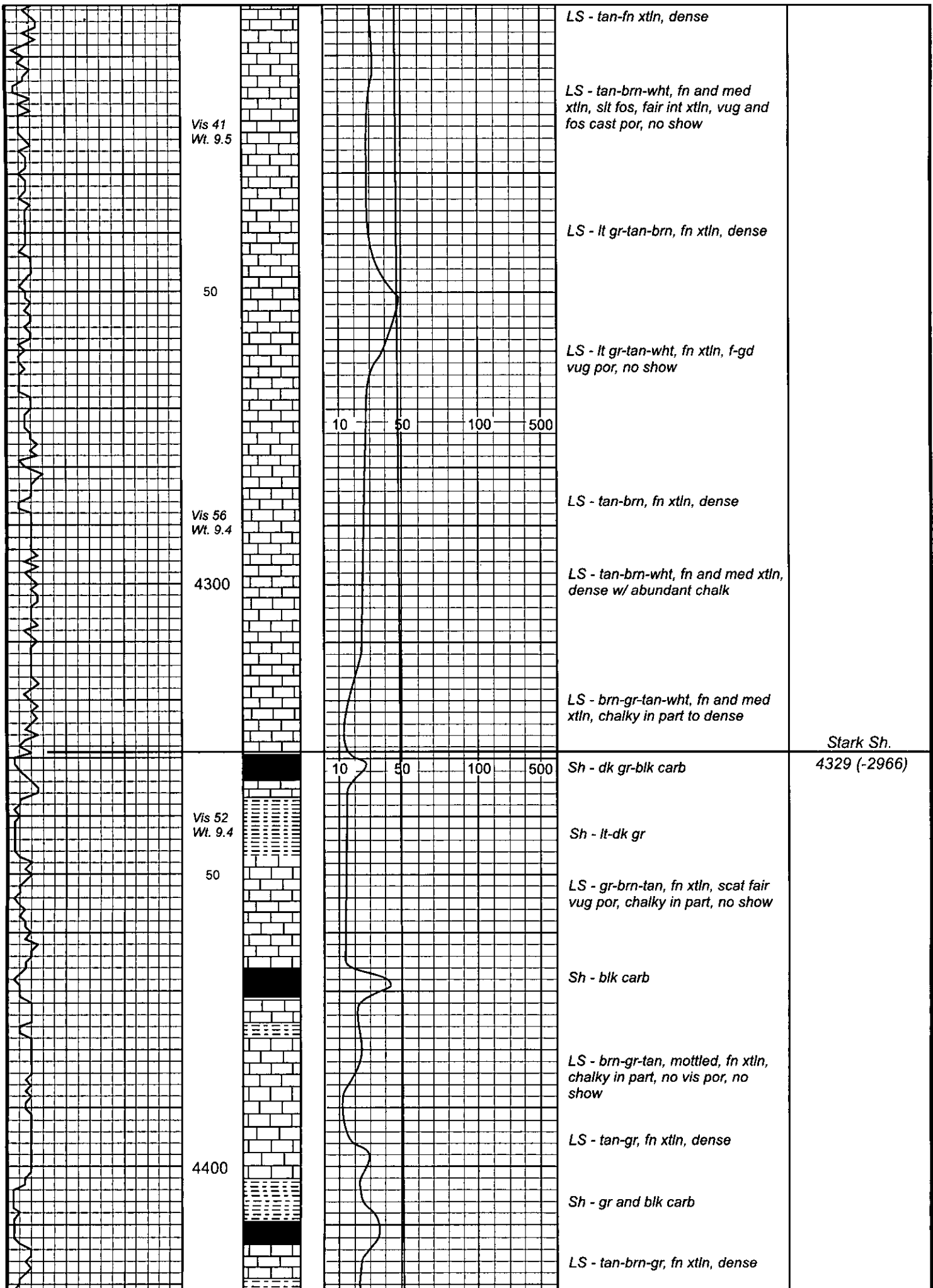
Timothy G. Pierce

LEGEND

							
Anhydrite	Sandstone	Limestone	Shale	Carb Sh	Cherty LS	Chert	Dolomite

DRILLING TIME IN MINUTES PER FOOT Rate of Penetration Decreases 	DEPT	LITHOLOG	GAS SCALE	SAMPLE DESCRIPTION	REMARKS
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Vis 41
Wt. 9.5

50

Vis 56
Wt. 9.4

4300

Vis 52
Wt. 9.4

50

4400

10 50 100 500

10 50 100 500

LS - tan-fn xtl, dense

LS - tan-brn-wht, fn and med
xtln, slt fos, fair int xtl, vug and
fos cast por, no show

LS - lt gr-tan-brn, fn xtl, dense

LS - lt gr-tan-wht, fn xtl, f-gd
vug por, no show

LS - tan-brn, fn xtl, dense

LS - tan-brn-wht, fn and med xtl,
dense w/ abundant chalk

LS - brn-gr-tan-wht, fn and med
xtln, chalky in part to dense

Stark Sh.
4329 (-2966)

Sh - dk gr-blk carb

Sh - lt-dk gr

LS - gr-brn-tan, fn xtl, scat fair
vug por, chalky in part, no show

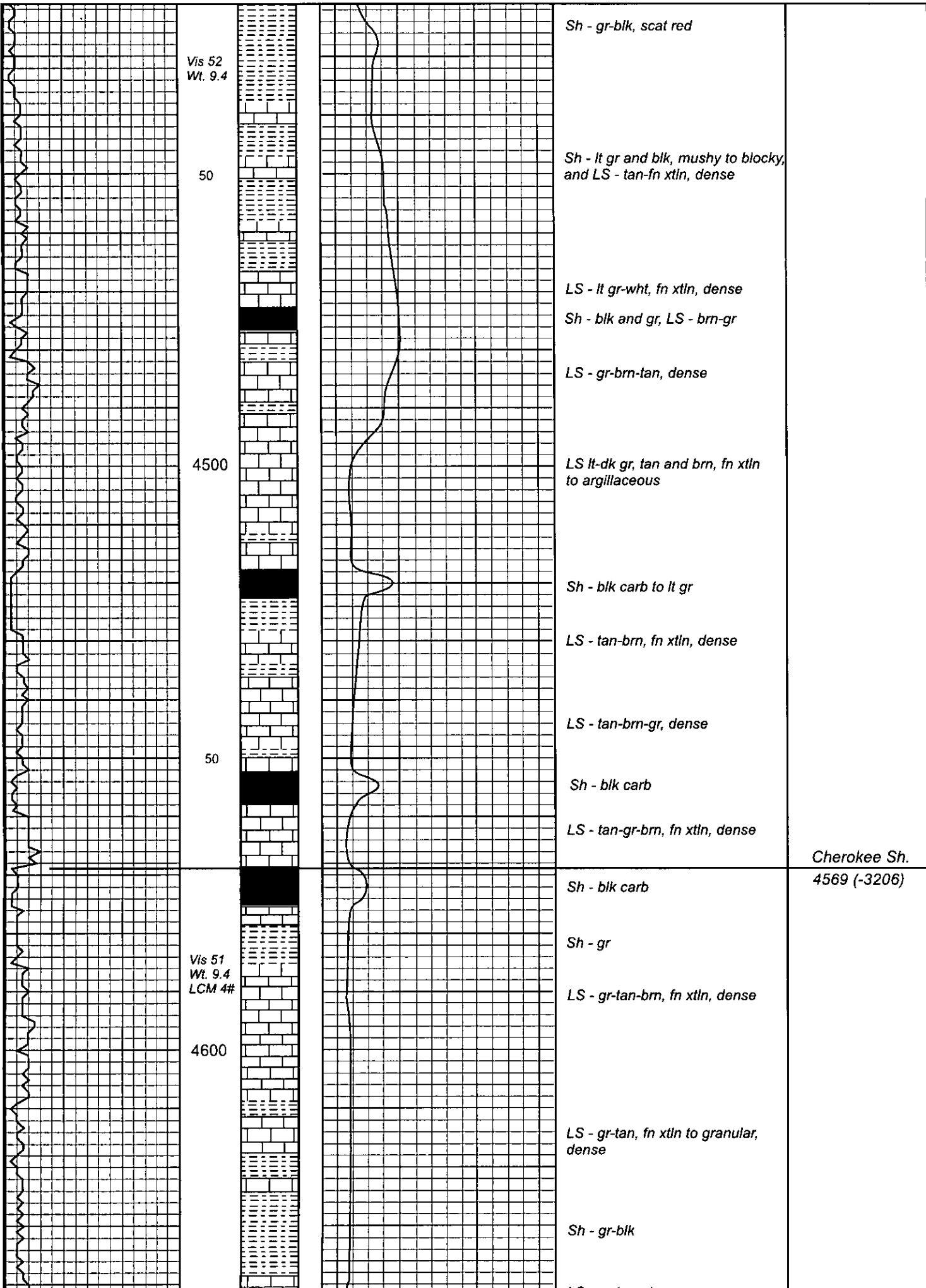
Sh - blk carb

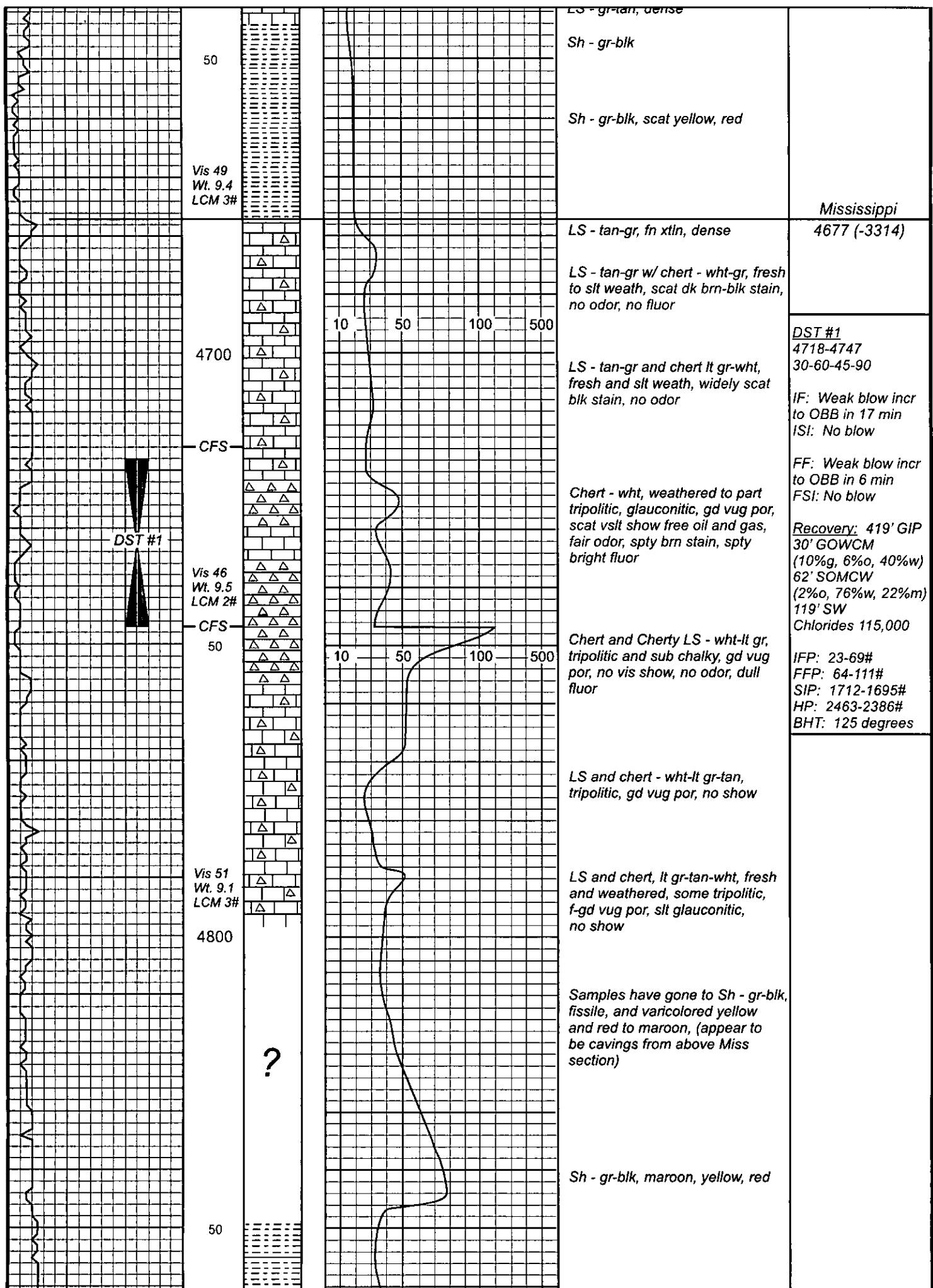
LS - brn-gr-tan, mottled, fn xtl,
chalky in part, no vis por, no
show

LS - tan-gr, fn xtl, dense

Sh - gr and blk carb

LS - tan-brn-gr, fn xtl, dense





LS - gr-tan, dense
 Sh - gr-blk
 Sh - gr-blk, scat yellow, red

Mississippi
 4677 (-3314)

LS - tan-gr, fn xtlr, dense
 LS - tan-gr w/ chert - wht-gr, fresh to slt weath, scat dk brn-blk stain, no odor, no fluor

DST #1
 4718-4747
 30-60-45-90
 IF: Weak blow incr to OBB in 17 min
 ISI: No blow
 FF: Weak blow incr to OBB in 6 min
 FSI: No blow
 Recovery: 419' GIP
 30' GOWCM (10%g, 6%o, 40%w)
 62' SOMCW (2%o, 76%w, 22%m)
 119' SW
 Chlorides 115,000
 IFP: 23-69#
 FFP: 64-111#
 SIP: 1712-1695#
 HP: 2463-2386#
 BHT: 125 degrees

LS - tan-gr and chert lt gr-wht, fresh and slt weath, widely scat blk stain, no odor

Chert - wht, weathered to part tripolitic, glauconitic, gd vug por, scat vslt show free oil and gas, fair odor, spty brn stain, spty bright fluor

Chert and Cherty LS - wht-lt gr, tripolitic and sub chalky, gd vug por, no vis show, no odor, dull fluor

LS and chert - wht-lt gr-tan, tripolitic, gd vug por, no show

LS and chert, lt gr-tan-wht, fresh and weathered, some tripolitic, f-gd vug por, slt glauconitic, no show

Samples have gone to Sh - gr-blk, fissile, and varicolored yellow and red to maroon, (appear to be cavings from above Miss section)

Sh - gr-blk, maroon, yellow, red

Vis 49
 Wt. 9.4
 LCM 3#

4700

CFS

DST #1

Vis 46
 Wt. 9.5
 LCM 2#

CFS

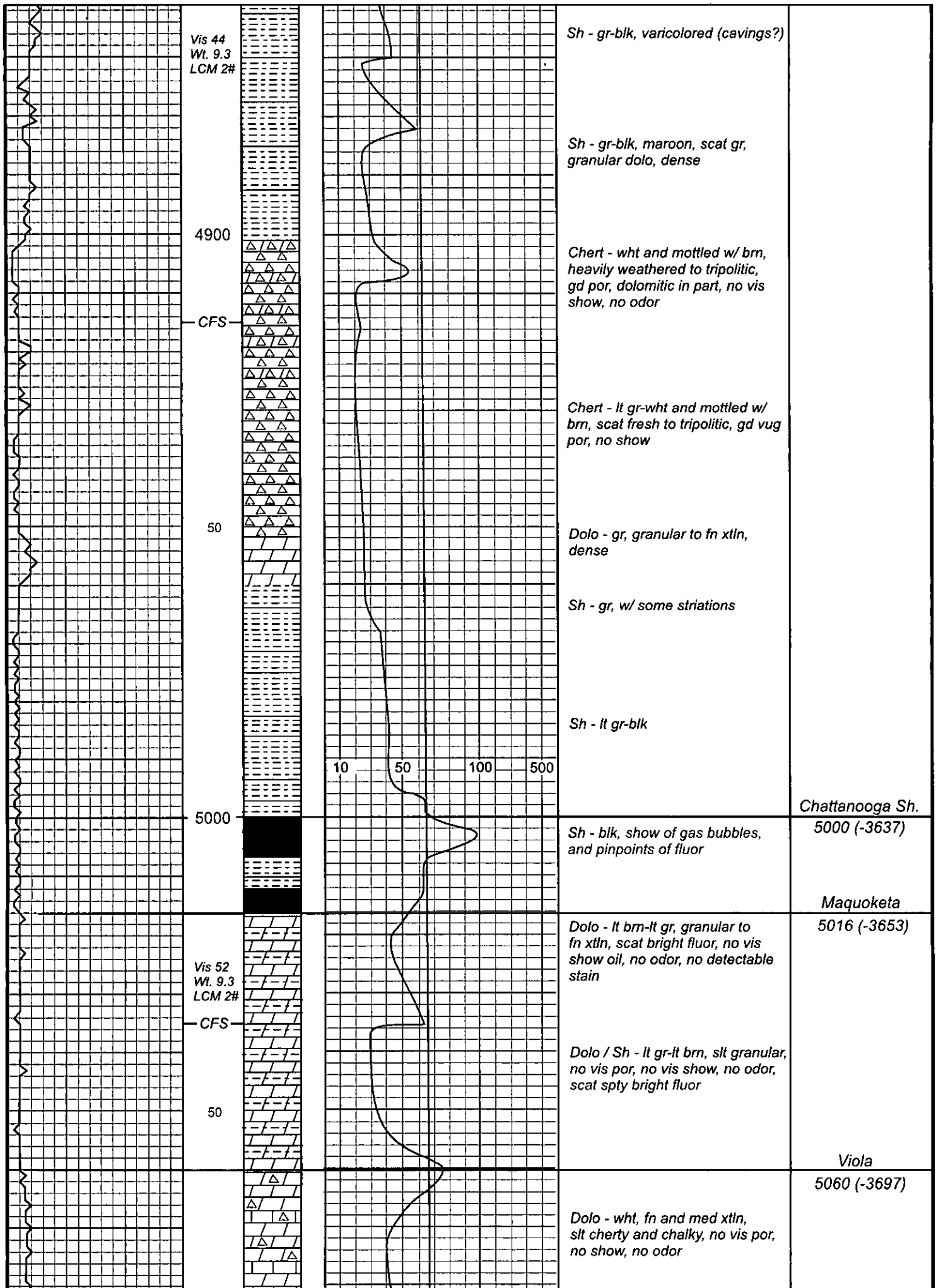
50

Vis 51
 Wt. 9.1
 LCM 3#

4800

?

50



Vis 44
Wt. 9.3
LCM 2#

Sh - gr-blk, varicolored (cavings?)

Sh - gr-blk, maroon, scat gr,
granular dolo, dense

4900

Chert - wht and mottled w/ brn,
heavily weathered to tripolitic,
gd por, dolomitic in part, no vis
show, no odor

CFS

Chert - lt gr-wht and mottled w/
brn, scat fresh to tripolitic, gd vug
por, no show

50

Dolo - gr, granular to fn xtlr,
dense

Sh - gr, w/ some striations

Sh - lt gr-blk

10 50 100 500

5000

Chattanooga Sh.

Sh - blk, show of gas bubbles,
and pinpoints of fluor

5000 (-3637)

Maquoketa

Vis 52
Wt. 9.3
LCM 2#

Dolo - lt brn-lt gr, granular to
fn xtlr, scat bright fluor, no vis
show oil, no odor, no detectable
stain

5016 (-3653)

CFS

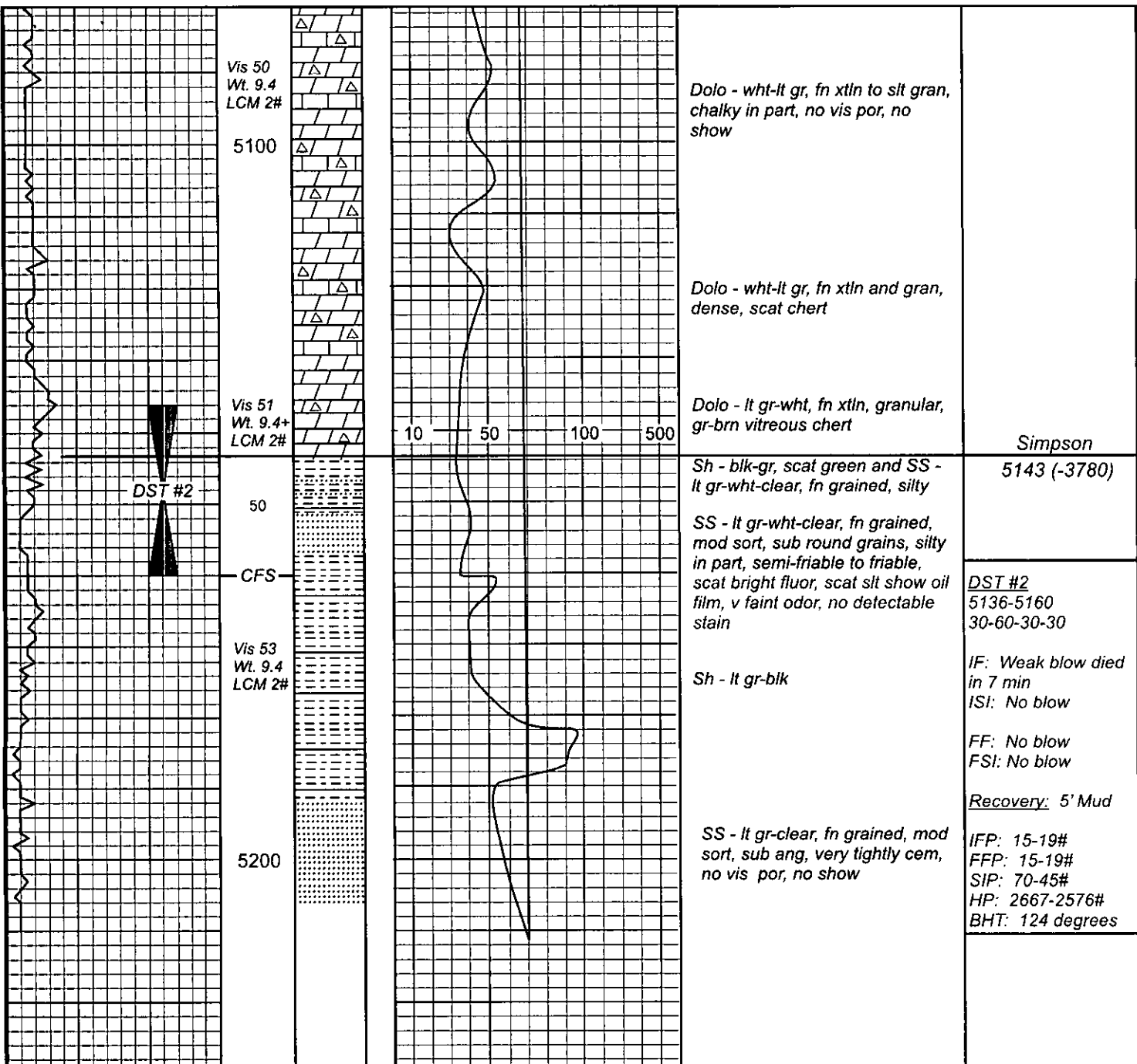
Dolo / Sh - lt gr-lt brn, slt granular,
no vis por, no vis show, no odor,
scat spty bright fluor

50

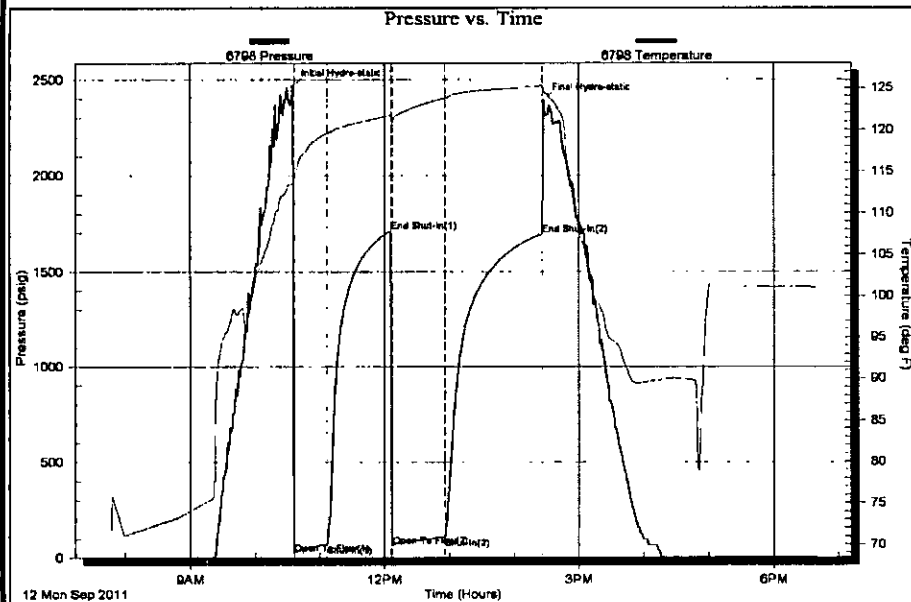
Viola

5060 (-3697)

Dolo - wht, fn and med xtlr,
slt cherty and chalky, no vis por,
no show, no odor



Seriat #. 6706 Inside R & B Oil & Gas 22-34S 10W Barber DST Test Number: 1



DST #1
4718-4747
30-60-45-90

IF: Weak blow incr to OBB in 17 min
ISI: No blow

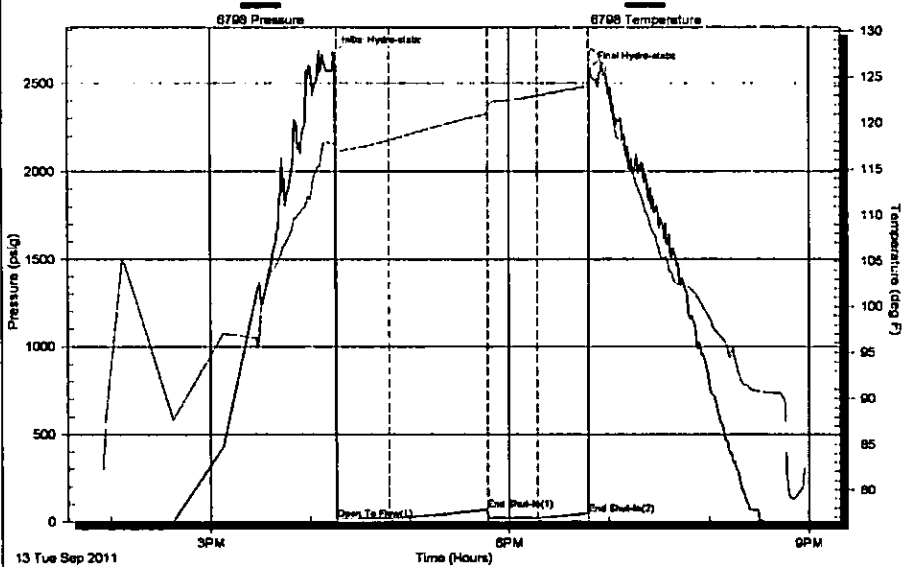
FF: Weak blow incr to OBB in 6 min
FSI: No blow

Recovery: 419' GIP
30' GOWCM (10%g, 6%o, 40%w)
62' SOMCW (2%o, 76%w, 22%m)
119' SW
Chlorides 115,000

IFP: 23-69#
FFP: 64-111#
SIP: 1712-1695#
HP: 2463-2386#

Serial # 6786 Inside R & B Oil & Gas 22-34S-10W Barber DST Test Number 2

Pressure vs. Time



DST #2
5136-5160
30-60-30-30

IF: Weak blow died
in 7 min
ISI: No blow

FF: No blow
FSI: No blow

Recovery: 5' Mud

IFP: 15-19#
FFP: 15-19#
SIP: 70-45#
HP: 2667-2576#
BHT: 124 degrees

