



KANSAS CORPORATION COMMISSION 1072055
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 # _____

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
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

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

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total 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

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1072055

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: 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
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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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ALLIED CEMENTING CO., LLC. 040267

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Medicine Pass

DATE <u>9-26-11</u>	SEC. <u>15</u>	TWP. <u>34S</u>	RANGE <u>11W</u>	CALLED OUT <u>10:00pm</u>	ON LOCATION <u>9-28</u> <u>12:00pm</u>	JOB START <u>12:45pm</u>	JOB FINISH <u>1:15pm</u>
LEASE <u>Rena, B. WELL # 8</u>			LOCATION <u>281 & Gordin Rd, Box 10</u>			COUNTY <u>Bryker</u>	STATE <u>Ks</u>
OLD OR <input checked="" type="checkbox"/> NEW (Circle one)			Bottle R, S to Angus Rd, W to York to Y			newish & E to R. Y	

CONTRACTOR Hord & H OWNER N-10 Exploration

TYPE OF JOB Soil Probe

HOLE SIZE 12 1/4 TD. 269

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 of fresh water

EQUIPMENT _____

PUMP TRUCK CEMENTER Darin F.

414-302 HELPER Ron G.

BULK TRUCK _____

363-290 DRIVER Matt T.

BULK TRUCK _____

_____ DRIVER _____

CEMENT			
AMOUNT ORDERED	<u>2258x 60' 40.2%</u>		
	<u>6el + 3% occ.</u>		
COMMON	<u>A 135</u>	@ <u>16.25</u>	<u>2193.75</u>
POZMIX	<u>90</u>	@ <u>8.50</u>	<u>765.00</u>
GEL	<u>4</u>	@ <u>21.25</u>	<u>85.00</u>
CHLORIDE	<u>8</u>	@ <u>58.25</u>	<u>466.00</u>
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>237</u>	@ <u>2.25</u>	<u>533.25</u>
MILEAGE	<u>15/237-11</u>		<u>391.05</u>
		TOTAL	<u>4433.65</u>

REMARKS:

Pipe on bottom & break circulation
pump 3 bbls fresh water & cement mix
2258x of cement, displace 16 bbls
of fresh water, shut in, cement did
circulate

SERVICE

DEPTH OF JOB	<u>271'</u>		
PUMP TRUCK CHARGE	<u>1125.00</u>		
EXTRA FOOTAGE		@	
MILEAGE	<u>30</u>	@ <u>7.00</u>	<u>210.00</u>
MANIFOLD <u>5' hose & valve</u>		@	
<u>Light Vehicle</u>	<u>30</u>	@ <u>4.00</u>	<u>120.00</u>
		@	

CHARGE TO: N-10 Exploration

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL 1455.00

PLUG & FLOAT EQUIPMENT

<u>None</u>	@	
	@	
	@	
	@	
	@	

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	<u>5888.65</u>
DISCOUNT	<u>20%</u>
	<u>Net 4710.92</u>

PRINTED NAME X

SIGNATURE K. Scott C. Adelsor

Thank you!!!

ALLIED CEMENTING CO., LLC. 040270

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Medicine Lodge, KS

DATE 10-5-2011	SEC 15	TWP 34S	RANGE 11W	CALLED OUT 8:00 AM	ON LOCATION 12:30 PM	JOB START 6:00 PM	JOB FINISH 6:45 PM
Medicine River			LOCATION Geriam & Berhel Rd, South		COUNTY 139th	STATE KS	
LEASE Remy B. WELL # 8			to Angus Rd, W to y, north to y, N+E / NW				
OLD OR NEW (Circle one)							

CONTRACTOR Hgrds #1
 TYPE OF JOB Production
 HOLE SIZE 7 7/8 T.D. 5066'
 CASING SIZE 5 1/2 - 14 # DEPTH 5027'
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT 31'
 CEMENT LEFT IN CSG.
 PERFS.
 DISPLACEMENT 24 hrs 290 KLL water

OWNER N-10 Exploration
 CEMENT
 AMOUNT ORDERED 405.60 @ 4.00 = 1622.40
 1505x Class H + 10% 391 + 5# Kolses

EQUIPMENT
 PUMP TRUCK CEMENTER Darin F
 # 360-265 HELPER Jason T.
 BULK TRUCK
 # 363-290 DRIVER Kevin W.
 BULK TRUCK
 # DRIVER

COMMON	24 SX	@ 16.25	390.00
POZMIX	16 SX	@ 8.50	136.00
GEL	2 SX	@ 21.25	42.50
CHLORIDE		@	
ASC		@	
H	150 SX	@ 19.25	2887.50
SALT	15 SX	@ 12.00	180.00
Kolses	750 #	@ .89	667.50
ASF	500 Gals	@ 1.27	635.00
Clapro	15 Gal	@ 31.25	468.75
		@	
		@	
HANDLING	222	@ 2.25	499.50
MILEAGE	222 / 11 / 15		366.30
			TOTAL 4433.65

REMARKS:

Pipe on bottom & break circulation, pump
 20 bbls water, 2% KLL, 3 bbls water, 500 gals
 mud clean, 3 bbls water, mix 150x for Rg hole
 mix 250x of sequensor cement, mix 150x
 of 401 cement, shut down, wash pump & lines
 Release plug & start displacement, lift pressure
 9 + 100 bbls slow rate to 30pm @ 115 bbls bump
 plus 9 + 124 bbls @ 1300 psi, Plug & did not hold

SERVICE

DEPTH OF JOB	5027'		
PUMP TRUCK CHARGE	2405.00		
EXTRA FOOTAGE		@	
MILEAGE	30	@ 7.00	210.00
MANIFOLD Hesa rent #1		@	200.00
light vehicle	30	@ 4.00	120.00
		@	

CHARGE TO: N-10 Exploration
 STREET _____
 CITY _____ STATE _____ ZIP _____

TOTAL 2935.00

PLUG & FLOAT EQUIPMENT

5 1/2			
1-Rubber plug		@	66.00
1-Guide shoe		@	100.80
1-AFU Insert		@	112.00
1- post collar		@	2485.00
10-Centrisizers		@ 32.20	322.00
10-Scrappers		23.94	239.40
			TOTAL 3325.20

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 10,693.85
 DISCOUNT 20% IF PAID IN 30 DAYS
 Net 8555.08

PRINTED NAME X TIM PIERCE
 SIGNATURE X Tim Pierce

Thank you!!!

ALLIED CEMENTING CO., LLC. 037292

Federal Tax I.D.# 20-5975804

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

SERVICE POINT Medicine Lodge, KS

DATE <u>10-18-11</u>	SEC. <u>15</u>	TWP. <u>34S</u>	RANGE <u>11W</u>	CALLED OUT	ON LOCATION	JOB START <u>100 PM</u>	JOB FINISH <u>200 PM</u>
LEASE <u>Medicine River</u>	WELL# <u>8</u>	LOCATION <u>Garland & Bethel RD</u>			COUNTY <u>Barber</u>	STATE <u>KS</u>	
OLD OR (NEW) (Circle one)		South To Angus west Jay North to westy North end East into					

CONTRACTOR Shawnee OWNER N-10 Exploration

TYPE OF JOB Part collar

HOLE SIZE _____ T.D. _____ CEMENT _____

CASING SIZE 5 1/2 DEPTH _____ AMOUNT ORDERED 1505X Class A

TUBING SIZE 2 3/4 DEPTH 3351 +10% salt +2% gel

DRILL PIPE _____ DEPTH _____ 500 Gallon ASF

TOOL Part collar DEPTH 3339

PRES. MAX _____ MINIMUM _____ COMMON 150 sacks A @ 16.25 2437.50

MEAS. LINE _____ SHOE JOINT _____ POZMIX _____ @ _____

CEMENT LEFT IN CSG. _____ GEL 3 SACKS @ 21.25 63.75

PERFS. _____ CHLORIDE _____ @ _____

DISPLACEMENT 18 3/4 BBLs ASC _____ @ _____

EQUIPMENT _____ Salt 15 sacks @ 12.00 180.00

PUMP TRUCK CEMENTER Shawnee _____ ASF 500 gallons @ 1.27 635.00

471 HELPER Ron G. _____ @ _____

BULK TRUCK _____ @ _____

3686 DRIVER Dang V _____ @ _____

BULK TRUCK _____ @ _____

_____ DRIVER _____ @ _____

HANDLING 108 @ 2.25 278.00

MILEAGE 108X.11X15 _____ @ _____ 277.20

TOTAL 3971.45

REMARKS:

Pipe on bottom close Tool
Push Test To 500PS. and Held
Release Tool circulate 8 1/2 surface
Casing Had trouble get circulation
Ron Seegar ASF mix 1505X Class A
+10% salt +2% gel Displace 18 3/4
Push into close Tool Push To 1000PS
Run 5 feet in Reverse out 30 BBLs

SERVICE

DEPTH OF JOB 3339

PUMP TRUCK CHARGE _____ 2225.00

EXTRA FOOTAGE _____ @ _____

MILEAGE 30 @ 7.00 210.00

MANIFOLD _____ @ _____

Light Vehicle 30 @ 4.00 34.00

_____ @ _____

TOTAL 2419.00

PLUG & FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

SALES TAX (If Any) _____

TOTAL CHARGES 4440.45

DISCOUNT 20% IF PAID IN 30 DAYS

Net \$5152.30

CHARGE TO: N-10 Exploration

STREET _____

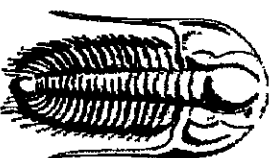
CITY _____ STATE _____ ZIP _____

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.

PRINTED NAME R G Miller

SIGNATURE R G Miller



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **N-10 Exploration LLC**

PO Box 195
Attica, KS 67009

ATTN: Randy Newberry/ Tim

15-35s-11w Barber,KS

Medicine River Ranch B-8

Start Date: 2011.10.02 @ 20:26:07

End Date: 2011.10.03 @ 05:19:52

Job Ticket #: 44064

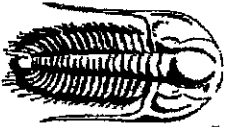
DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2011.10.10 @ 15:16:25



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

N-10 Exploration LLC

Medicine River Ranch B-8

PO Box 195
Atlica, KS 67009

15-35-11w Barber, KS

Job Ticket: 44064

DST#:1

ATTN: Randy Newberry/Tim

Test Start: 2011.10.02 @ 20:26:07

GENERAL INFORMATION:

Formation: **Misener Sand**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 23:17:52
 Time Test Ended: 05:19:52
 Interval: **4894.00 ft (KB) To 4920.00 ft (KB) (TVD)**
 Total Depth: 4920.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches-Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)
 Tester: Chris Staats
 Unit No: 34
 Reference Elevations: 1364.00 ft (KB)
 1364.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8166 **Outside**
 Press@RunDepth: 151.35 psig @ 4895.00 ft (KB)

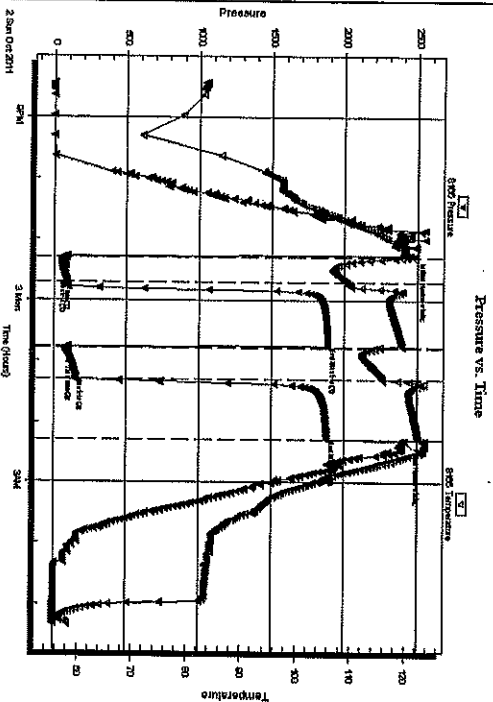
Capacity: 8000.00 psig
 Last Callb.: 2011.10.03

Start Date: 2011.10.02 End Date:
 Start Time: 20:26:12 End Time:

2011.10.03 Time On Bitr: 2011.10.02 @ 23:15:37
 05:19:52 Time Off Bitr: 2011.10.03 @ 02:18:37

TEST COMMENT:

IF: Strong blow BOB 30 sec GTS 10 min
 SI: Strong blow back 9"
 FF: Strong blow BOB 2 sec
 FS: Strong blow back 7"



PRESSURE SUMMARY

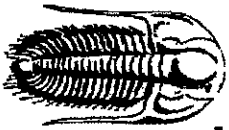
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2454.00	120.96	Initial Hydro-static
3	59.64	119.56	Open To Flow (1)
27	89.91	109.14	Shut-In(1)
90	1886.36	119.51	End Shut-In(1)
92	71.23	114.63	Open To Flow (2)
123	151.35	115.97	Shut-In(2)
182	1877.16	122.56	End Shut-In(2)
183	2411.97	123.73	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
300.00	Slight mud cut Gassy-Condensation	3.12

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	6.00	32.36
Last Gas Rate	0.25	24.00	60.92
Max. Gas Rate	0.25	24.00	60.92



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

N-10 Exploration LLC

Medicine River Ranch B-8

PO Box 195

15-35s-11w Barber, KS

Atlica, KS 67009

Job Ticket: 44064

DST#: 1

ATTN: Randy Newberry/Tim

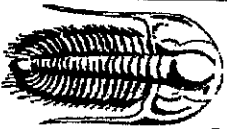
Test Start: 2011.10.02 @ 20:26:07

Tool Information

Drill Pipe:	Length: 4778.00 ft	Diameter: 3.80 inches	Volume: 67.02 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume:</u> 67.61 bbl	Tool Chased 5.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	4894.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	26.00 ft			
Tool Length:	55.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4866.00	
Shut In Tool	5.00			4871.00	
Hydraulic tool	5.00			4876.00	
Jars	5.00			4881.00	
Safety Joint	3.00			4884.00	
Packer	5.00			4889.00	29.00
					Bottom Of Top Packer
Packer	5.00			4894.00	
Stubb	1.00			4895.00	
Recorder	0.00	6773	Outside	4895.00	
Recorder	0.00	8166	Outside	4895.00	
Perforations	22.00			4917.00	
Bullnose	3.00			4920.00	26.00
					Bottom Packers & Anchor
Total Tool Length:				55.00	



TRIOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

N-10 Exploration LLC

Medicine River Ranch B-8

PO Box 195

15-35s-11w Barber, KS

Attila, KS 67009

Job Ticket: 44064

DST#: 1

ATTN: Randy Newberry/ Tim

Test Start: 2011.10.02 @ 20:26:07

Mud and Cushion Information

Mud Type: Gel Chem
 Mud Weight: 9.00 lb/gal
 Viscosity: 49.00 sec/cp
 Water Loss: 8.78 in³
 Resistivity: 0.00 ohm.m
 Salinity: 4000.00 ppm
 Filter Cake: 0.02 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

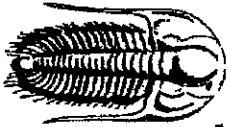
Length ft	Description	Volume bbl
300.00	Slight mud cut Gassy Condensation	3.115

Total Length: 300.00 ft Total Volume: 3.115 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

N-10 Exploration LLC

Medicine River Ranch B-8

PO Box 195

15-35s-11w Barber, KS

Attica, KS 67009

Job Ticket: 44064

DST#: 1

ATTN: Randy Newberry/Tim

Test Start: 2011.10.02 @ 20:26:07

Gas Rates Information

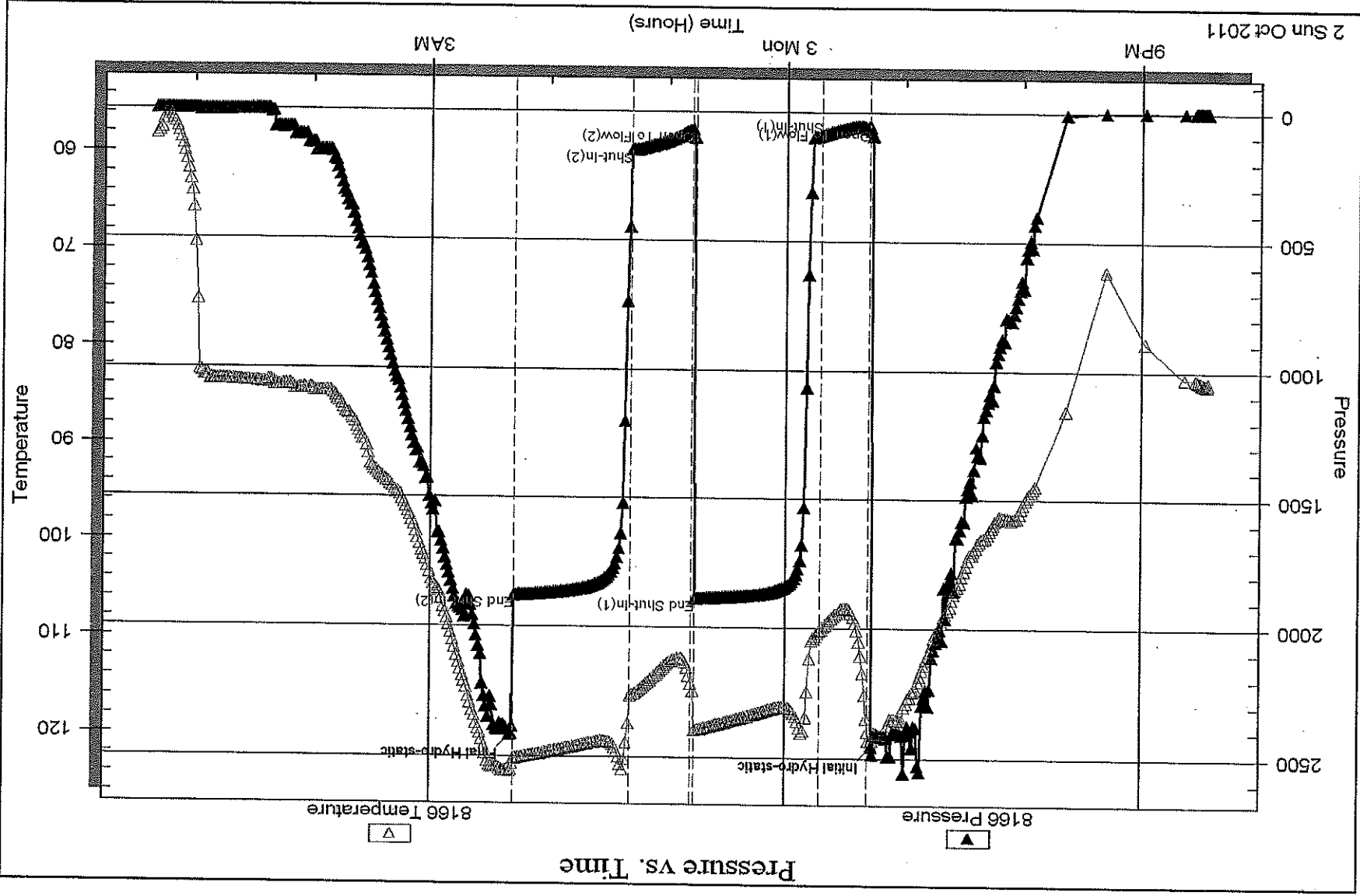
Temperature: 59 (deg F)

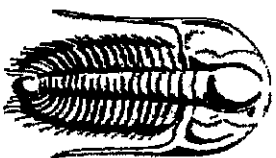
Relative Density: 0.65

Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
1	12	0.25	6.00	32.36
1	12	0.25	6.00	32.36
1	12	0.25	6.00	32.36
1	12	0.25	6.00	32.36
1	15	0.25	7.00	33.95
1	20	0.25	13.00	43.47
1	25	0.25	19.00	52.99
1	30	0.25	23.00	59.33
2	5	0.25	12.00	41.88
2	10	0.25	18.00	51.40
2	15	0.25	24.00	60.92





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **N-10 Exploration LLC**

PO Box 195
Attica, KS 67009

ATTN: Randy Newberry/ Tim

15-35s-11w Barber;KS

Medicine River Ranch B-8

Start Date: 2011.10.03 @ 17:19:07

End Date: 2011.10.04 @ 01:29:07

Job Ticket #: 44065

DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2011.10.10 @ 15:16:49



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

N-10 Exploration LLC

Medicine River Ranch B-8

PO Box 196
Atteca, KS 67009

15-35s-11w Barber,KS

Job Ticket 44065

DST#:2

ATTN: Randy Newberry/Tim

Test Start: 2011.10.03 @ 17:19:07

GENERAL INFORMATION:

Formation: Viola
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 20:10:52
Time Test Ended: 01:29:07
Interval: 4941.00 ft (KB) To 4965.00 ft (KB) (TVD)
Total Depth: 4965.00 ft (KB) (TVD)
Hole Diameter: 7.88 inchest-hole Condition: Fair

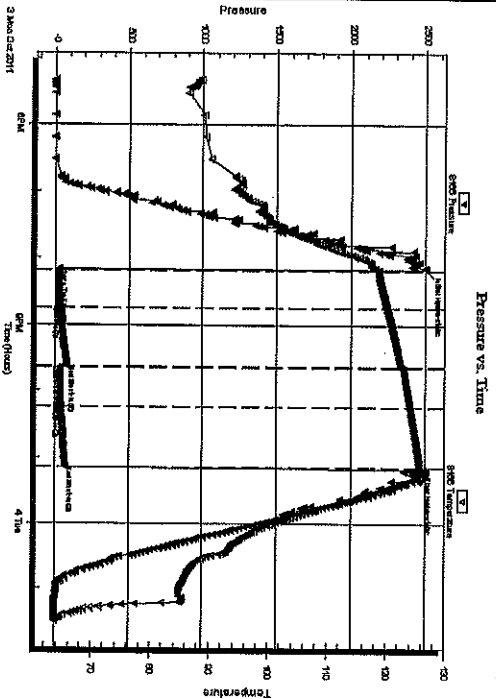
Test Type: Conventional Bottom Hole (Reset)
Tester: Chris Staats
Unit No: 34
Reference Elevations: 1364.00 ft (KB)
1354.00 ft (CF)
10.00 ft
KB to GR/CF:

Serial #: 8166 Outside
Press.@RunDepth: 37.24 psig @ 4942.00 ft (KB)
Start Date: 2011.10.03 End Date: 2011.10.04
Start Time: 17:19:12 End Time: 01:29:06

Capacity: 8000.00 psig
Last Callb.: 2011.10.04
Time On Btm: 2011.10.03 @ 20:09:52
Time Off Btm: 2011.10.03 @ 23:10:22

TEST COMMENT: IF: Weak surface blow blow died in 15 min

IS: No blow back
FF: No blow
FSI: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2506.72	118.10	Initial Hydro-static
1	27.06	118.63	Open To Flow (1)
35	33.73	120.12	Shut-In(1)
89	81.22	122.52	End Shut-In(1)
90	33.49	122.71	Open To Flow (2)
125	37.24	124.07	Shut-In(2)
180	70.17	126.75	End Shut-In(2)
181	2442.57	126.29	Final Hydro-static

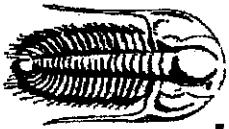
Recovery

Length (ft)	Description	Volume (bbl)
30.00	Mud 100%	0.15

Gas Rates

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

*Recovery from multiple tests



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

N-10 Exploration LLC

Medicine River Ranch B-8

PO Box 195
Attica, KS 67009

15-35s-11w Barber,KS

Job Ticket: 44065

DST#:2

ATTN: Randy Newberry/ Tim

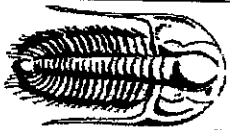
Test Start: 2011.10.03 @ 17:19:07

Tool Information

Drill Pipe:	Length: 4807.00 ft	Diameter: 3.80 Inches	Volume: 67.43 bbl	Tool Weight: 22000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 Inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 Inches	Volume: 0.59 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume:</u> 68.02 bbl	Tool Chased 4.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	4941.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	53.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4913.00	
Shut In Tool	5.00			4918.00	
Hydraulic tool jars	5.00			4923.00	
				4928.00	
Safety Joint	3.00			4931.00	
Packer	5.00			4936.00	29.00
					Bottom Of Top Packer
Packer	5.00			4941.00	
Stubb	1.00			4942.00	
Recorder	0.00	6773	Outside	4942.00	
Recorder	0.00	8166	Outside	4942.00	
Perforations	20.00			4962.00	
Bullnose	3.00			4965.00	24.00
					Bottom Packers & Anchor
Total Tool Length:	53.00				



TRIOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

N-10 Exploration LLC

Medicine River Ranch B-8

PO Box 196

Attica, KS 67009

15-35s-11w Barber, KS

Job Ticket: 44065

DST#: 2

ATTN: Randy Newberry/Tim

Test Start: 2011.10.03 @ 17:19:07

Mud and Cushion Information

Mud Type: Gel Chem
 Mud Weight: 9.00 lb/gal
 Viscosity: 50.00 sec/qt
 Water Loss: 8.79 in³
 Resistivity: 0.00 ohmm
 Salinity: 6000.00 ppm
 Filter Cake: 0.02 inches

Cushion Type:
 Cushion Length: ft
 Cushion Volume: bbl
 Gas Cushion Type:
 Gas Cushion Pressure: psig
 Oil API:
 Water Salinity: ppm
 deg API

Recovery Information

Recovery Table

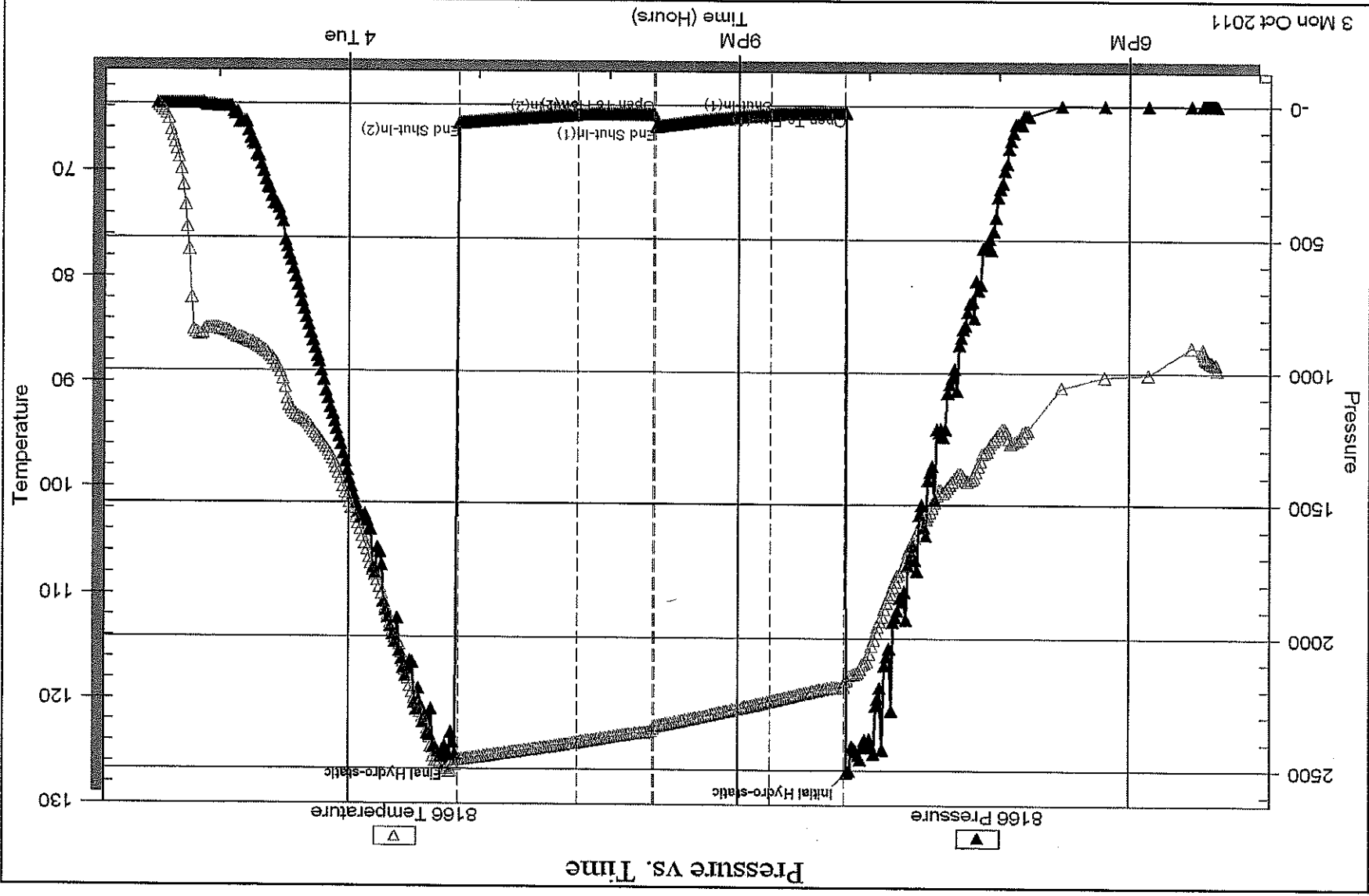
Length ft	Description	Volume bbl
30.00	Mud 100%	0.148

Total Length: 30.00ft Total Volume: 0.148 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:



Timothy G. Pierce

Petroleum Geologist

GEOLOGIST'S REPORT DRILLING TIME AND SAMPLE LOG

COMPANY N-10 Exploration, LLC
 LEASE Medicine River Ranch 'B' #8
 FIELD Landis
 LOCATION SW NE SE
 SEC 15 TWP 34S RGE 11W
 COUNTY Barber STATE Kansas
 CONTRACTOR Hardt Drilling Rig #1
 SPUD 9-27-2011 COMP 10-05-2011
 RTD 5066 LTD 5067
 MUD UP 3222 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 4030 to RTD
 GEOLOGIST ON WELL Tim Pierce

ELEVATIONS

KB 1364'
 DF _____
 GL 1354'
 Measurements Are All
 From Kelly Bushing

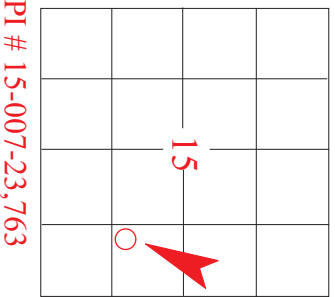
CASING

CONDUCTOR _____
 SURFACE 8-5/8" at 269'
 PRODUCTION 5-1/2" at 5038'

ELECTRICAL SURVEYS

DIL / CN-CD
Log-Tech

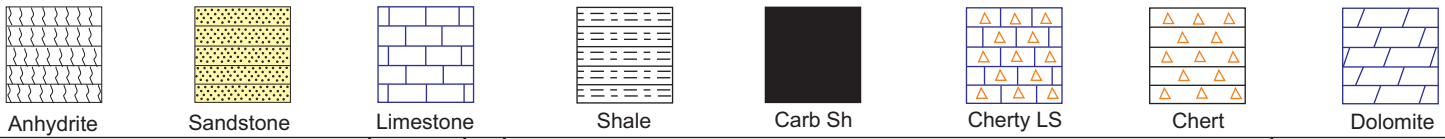
FORMATION TOPS	ELECTRIC LOG	SAMPLE
Heebner Sh.	3639 (-2275)	NA
Iatan L.S.	4074 (-2710)	4073 (-2709)
Stark Sh.	4321 (-2957)	4320 (-2956)
Cherokee Sh.	4546 (-3182)	4544 (-3180)
Mississippi	4609 (-3245)	4607 (-3243)
Chattanooga Sh.	4884 (-3520)	4883 (-3519)
Viola	4940 (-3576)	4940 (-3576)
Simpson	5032 (-3668)	5031 (-3667)



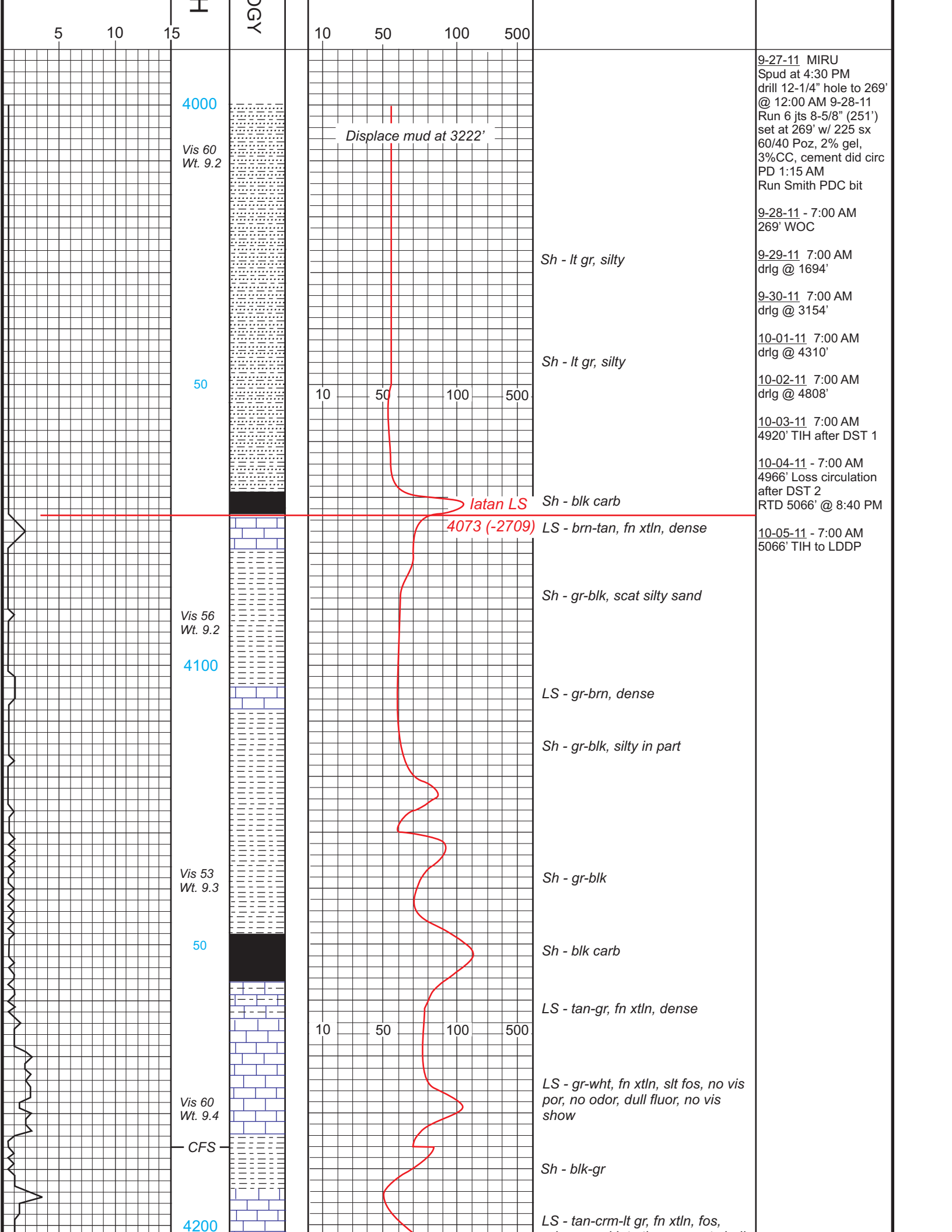
REMARKS DST results indicate a commercial zone in the Meisner Sand.
DST results indicated non reservoir rocks at the top of the Viola where a slight sample show was observed.
A slight sample show was observed in the basal Viola with electric logs indicating a lack of reservoir development.
Samples and electric logs indicate a commercial zone in the Mississippi from 4616'-4694'.
A slight sample show was noted in the KC Hertha at 4366'-4370', this zone should be tested before the well is abandoned.
A gas kick was recorded from the interval between 3248 and 3279, a port collar was run to cement this interval for possible future testing.

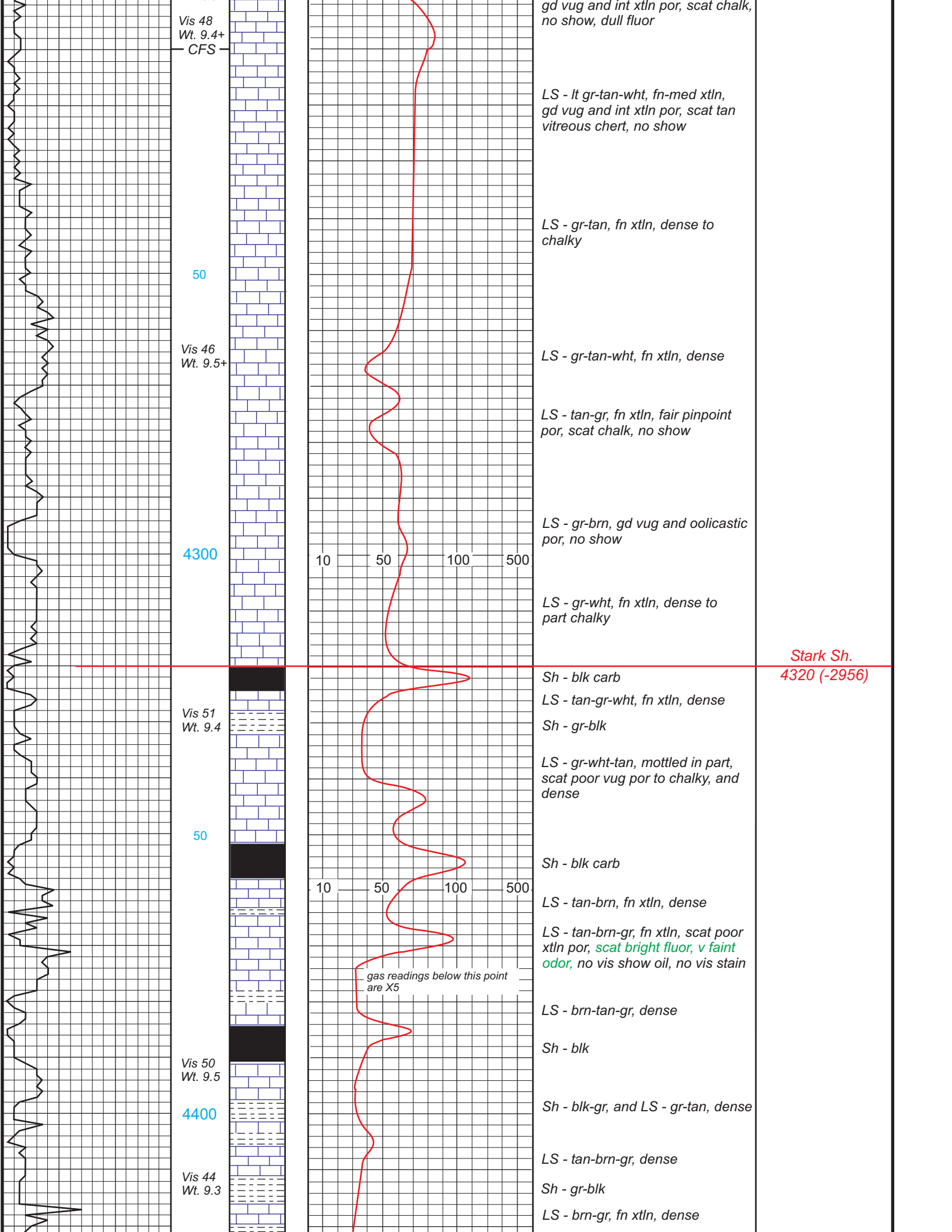
Timothy G. Pierce

LEGEND



DRILLING TIME IN MINUTES PER FOOT Rate of Penetration Decreases →	DEPTH	LITHOLOG	GAS SCALE	SAMPLE DESCRIPTION	REMARKS
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Vis 48
Wt. 9.4+
CFS

gd vug and int xtln por, scat chalk, no show, dull fluor

LS - lt gr-tan-wht, fn-med xtln, gd vug and int xtln por, scat tan vitreous chert, no show

LS - gr-tan, fn xtln, dense to chalky

50

Vis 46
Wt. 9.5+

LS - gr-tan-wht, fn xtln, dense

LS - tan-gr, fn xtln, fair pinpoint por, scat chalk, no show

4300

10 50 100 500

LS - gr-brn, gd vug and oolitic por, no show

LS - gr-wht, fn xtln, dense to part chalky

Stark Sh.
4320 (-2956)

Vis 51
Wt. 9.4

Sh - blk carb
LS - tan-gr-wht, fn xtln, dense
Sh - gr-blk

LS - gr-wht-tan, mottled in part, scat poor vug por to chalky, and dense

50

Sh - blk carb

10 50 100 500

LS - tan-brn, fn xtln, dense

LS - tan-brn-gr, fn xtln, scat poor xtln por, scat bright fluor, v faint odor, no vis show oil, no vis stain

gas readings below this point are X5

LS - brn-tan-gr, dense

Sh - blk

Vis 50
Wt. 9.5

Sh - blk-gr, and LS - gr-tan, dense

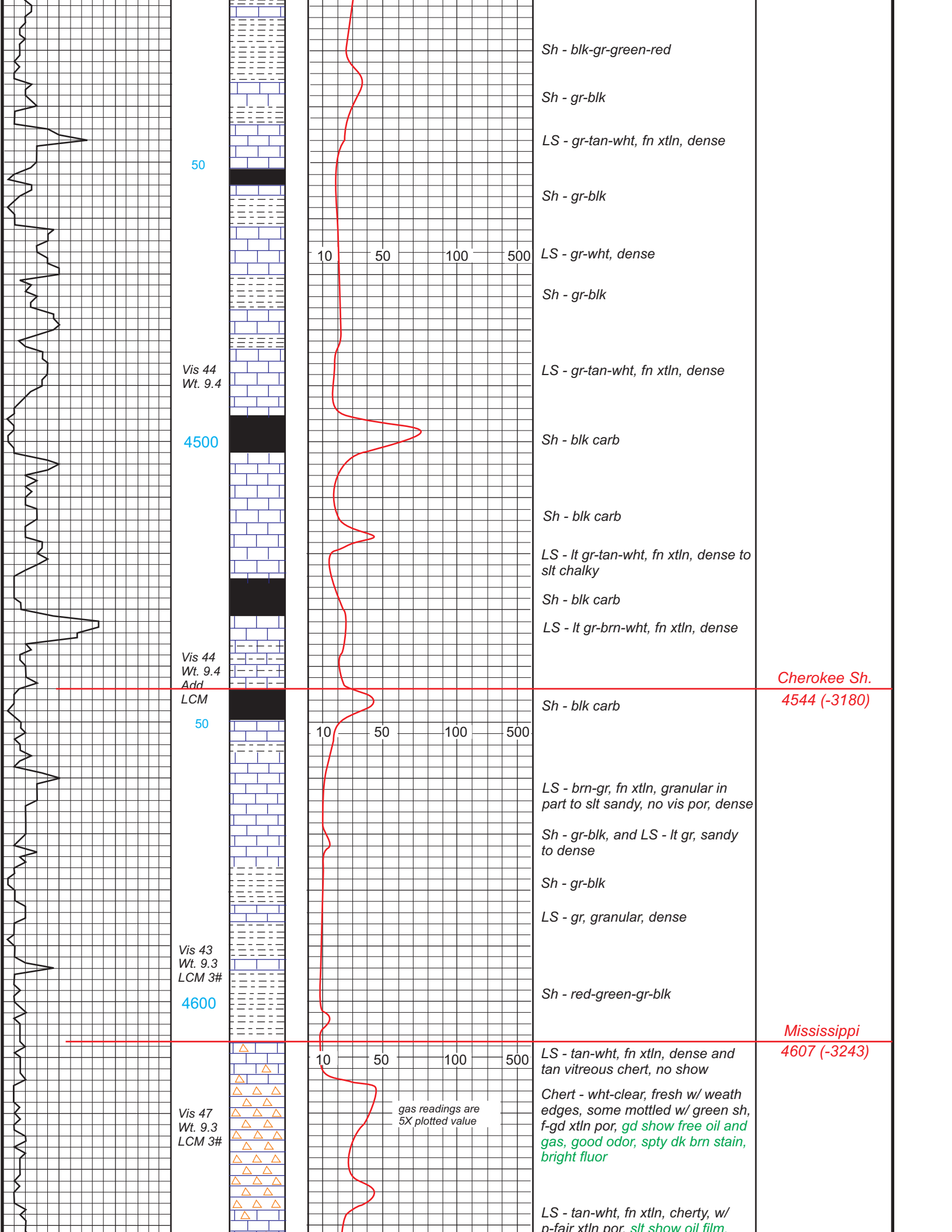
4400

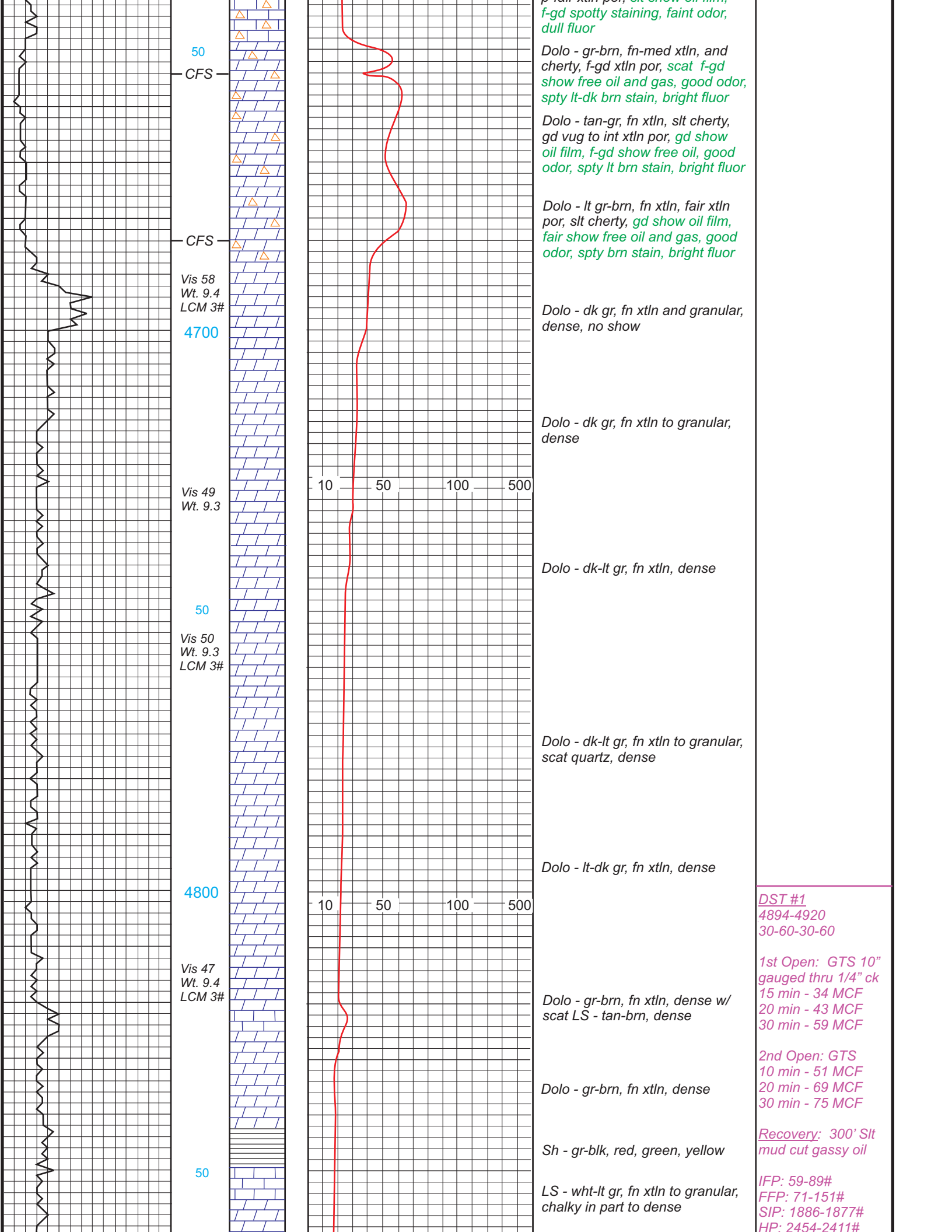
LS - tan-brn-gr, dense

Vis 44
Wt. 9.3

Sh - gr-blk

LS - brn-gr, fn xtln, dense





50

CFS

CFS

Vis 58
Wt. 9.4
LCM 3#

4700

Vis 49
Wt. 9.3

50

Vis 50
Wt. 9.3
LCM 3#

4800

Vis 47
Wt. 9.4
LCM 3#

50

p tan xtn por, slt cherty, med, f-gd spotty staining, faint odor, dull fluor

Dolo - gr-brn, fn-med xtn, and cherty, f-gd xtn por, scat f-gd show free oil and gas, good odor, spty lt-dk brn stain, bright fluor

Dolo - tan-gr, fn xtn, slt cherty, gd vug to int xtn por, gd show oil film, f-gd show free oil, good odor, spty lt brn stain, bright fluor

Dolo - lt gr-brn, fn xtn, fair xtn por, slt cherty, gd show oil film, fair show free oil and gas, good odor, spty brn stain, bright fluor

Dolo - dk gr, fn xtn and granular, dense, no show

Dolo - dk gr, fn xtn to granular, dense

Dolo - dk-lt gr, fn xtn, dense

Dolo - dk-lt gr, fn xtn to granular, scat quartz, dense

Dolo - lt-dk gr, fn xtn, dense

Dolo - gr-brn, fn xtn, dense w/ scat LS - tan-brn, dense

Dolo - gr-brn, fn xtn, dense

Sh - gr-blk, red, green, yellow

LS - wht-lt gr, fn xtn to granular, chalky in part to dense

10 50 100 500

10 50 100 500

*DST #1
4894-4920
30-60-30-60*

*1st Open: GTS 10"
gauged thru 1/4" ck
15 min - 34 MCF
20 min - 43 MCF
30 min - 59 MCF*

*2nd Open: GTS
10 min - 51 MCF
20 min - 69 MCF
30 min - 75 MCF*

*Recovery: 300' Slt
mud cut gassy oil*

*IFP: 59-89#
FFP: 71-151#
SIP: 1886-1877#
HP: 2454-2411#*

