



KANSAS CORPORATION COMMISSION 1094909
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 # 34352
Name: N-10 Exploration, LLC
Address 1: 124 N MAIN
Address 2: PO BOX 195
City: ATTICA State: KS Zip: 67009 +
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 #:

05/16/2012	05/23/2012	06/21/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-007-23879-00-00

Spot Description: Approx. SE NW SE

SE SE NW SE Sec. 10 Twp. 34 S. R. 11 East West

1610 Feet from North / South Line of Section

1400 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Barber

Lease Name: Medicine River Ranch Well #: D6

Field Name: Landis

Producing Formation: Mississippi

Elevation: Ground: 1351 Kelly Bushing: 1361

Total Depth: 5103 Plug Back Total Depth: 5061

Amount of Surface Pipe Set and Cemented at: 257 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: 54000 ppm Fluid volume: 160 bbls

Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: Jody Oil & Gas Corp

Lease Name: Sanders 3A SWD License #: 3288

Quarter SW Sec. 20 Twp. 31 S. R. 8 East West

County: Harper Permit #: D-23313

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: NAOMI JAMES Date: 09/27/2012



1094909

Operator Name: N-10 Exploration, LLC Lease Name: Medicine River Ranch Well #: D6
 Sec. 10 Twp. 34 S. R. 11 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 <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: Dual Induction Dual Compensated Porosity	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Mississippi</td> <td>4578</td> <td>(-3217)</td> </tr> </table>	Name	Top	Datum	Mississippi	4578	(-3217)
Name	Top	Datum					
Mississippi	4578	(-3217)					

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	24	275	60:40 Poz	225	2% Gel, 3% CC
Production	7.875	5.5	14	5089	Class H	150	10% Salt, 5# Kolseal

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 (Amount and Kind of Material Used)	Depth
2	4586 - 4652	3300 gal 15% MCA Acid	
		Frac 2674 sx 30/50 sand	
		400sx 16/30 sand	
		210 sx 16/30 Resin Coated Sand	

TUBING RECORD: Size: <u>2.875</u> Set At: <u>4741</u> Packer At: <u> </u> Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
--

Date of First, Resumed Production, SWD or ENHR: <u>8/11/2012</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) <u> </u>
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Estimated Production Per 24 Hours	Oil Bbls. <u>10</u>	Gas Mcf <u>40</u>	Water Bbls. <u>400</u>	Gas-Oil Ratio <u>41</u>	Gravity <u>28</u>
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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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) <u> </u>	PRODUCTION INTERVAL: <u>4586 - 4652</u>
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ALLIED OIL & GAS SERVICES, LLC 053804

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

SERVICE POINT:
Andine Lake KS

DATE <u>05/16/2012</u>	SEC. <u>10</u>	TWP. <u>34s</u>	RANGE <u>11w</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>7:30 PM</u>
LEASE <u>MRP</u>	WELL # <u>6</u>	LOCATION <u>281, Bethal, Carlene, Bethal, Scott</u>			COUNTY <u>Barber</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>		Canyon, West across cattle guard, North into					

CONTRACTOR Hardt
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 254
 CASING SIZE 8 3/4 DEPTH 259
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX 306 MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 15
 PERFS.
 DISPLACEMENT 15 1/2

OWNER N-10
 CEMENT
 AMOUNT ORDERED 225 cu 60:40:2% Belt 3% cc

EQUIPMENT

PUMP TRUCK	CEMENTER <u>Jason Thirach</u>
# <u>471/302</u>	HELPER <u>Derek Gibbons</u>
BULK TRUCK	
# <u>356/290</u>	DRIVER <u>Brandon Boer</u>
BULK TRUCK	
#	DRIVER

COMMON Class A	135 cu @ 16.25	2193.75
POZMIX	90 cu @ 8.50	765
GEL	4 cu @ 21.25	85
CHLORIDE	8 cu @ 58.20	465.60
ASC	@	
	@	
	@	
	@	
	@	
	@	
	@	
	@	
HANDLING	<u>2.37</u> @ <u>2.25</u>	<u>533.25</u>
MILEAGE	<u>237 X 15 X .11</u>	<u>391.05</u>
TOTAL		<u>4433.65</u>

REMARKS:
Did site cement.

SERVICE

DEPTH OF JOB	<u>259</u>	
PUMP TRUCK CHARGE		<u>1125</u>
EXTRA FOOTAGE	@	
MILEAGE	<u>15</u> @ <u>7</u>	<u>105</u>
MANIFOLD	@	
<u>LV</u>	<u>15</u> @ <u>4</u>	<u>60</u>
	@	
TOTAL		<u>1290</u>

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

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
TOTAL		_____

To: Allied Oil & Gas Services, 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 5723.65
 DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME Scott Adelhardt
 SIGNATURE Scott Adelhardt

ALLIED OIL & GAS SERVICES, LLC 053808

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

SERVICE POINT:
Medicine Lodge KS

DATE <u>05/23/2012</u>	SEC. <u>10</u>	TWP. <u>34s</u>	RANGE <u>11w</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>8:30 PM</u>
Medicine River LEASE Ranch 'D'	WELL # <u>6</u>	LOCATION <u>281 + Gerlane, East to Bethel, South to</u>			COUNTY <u>Barber</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)		<u>Scott Canyon, West Across cattle Guard, North side</u>					

CONTRACTOR Hardt OWNER N-10 Exploration

TYPE OF JOB <u>Production</u>	CEMENT
HOLE SIZE <u>7 7/8</u> T.D.	AMOUNT ORDERED <u>40sx 60:40:4% Gel + 4% SMS,</u>
CASING SIZE <u>5 1/2</u> DEPTH <u>5090.88</u>	<u>150sx Class H + 10% salt + 5# Kalseal,</u>
TUBING SIZE DEPTH	<u>500 Gal ASF, 15 Gal Cla-Pm</u>
DRILL PIPE DEPTH	COMMON <u>Class A 24sx @ 16.25 290</u>
TOOL DEPTH	POZMIX <u>16sx @ 8.50 136</u>
PRES. MAX <u>1200</u> MINIMUM	GEL <u>2sx @ 21.25 42.50</u>
MEAS. LINE SHOE JOINT <u>42.56</u>	CHLORIDE <u>#4# @</u>
CEMENT LEFT IN CSG. <u>42.56</u>	ASC @
PERFS:	Sodium Metasilicate <u>14lb @ 3.00 42</u>
DISPLACEMENT <u>1245 w/ 2% KCl water</u>	Salt <u>8sx @ 23.95 191.60</u>
EQUIPMENT	Kalseal <u>750lb @ .89 667.50</u>
	ASF <u>500gal @ 1.27 635</u>
	Clc-Pre <u>15gal @ 31.25 468.75</u>
	Class H Common <u>150sx @ 19.25 2887.50</u>
	HANDLING <u>218 @ 2.25 490.50</u>
	MILBAGE <u>218 X 15 X .11 359.70</u>
	TOTAL <u>6311.05</u>

PUMP TRUCK CEMENTER Jason Thierbach
260/265 HELPER Brett Gains
BULK TRUCK
381/250 DRIVER Troy Lenz
BULK TRUCK
_____ DRIVER _____

REMARKS:
Plug held

Thank You

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

To: Allied Oil & Gas Services, 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 TIM PIERCE
SIGNATURE Tim Pierce

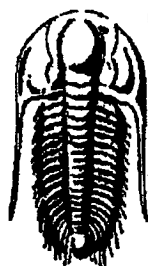
SERVICE

DEPTH OF JOB <u>5090.88</u>	5090.88
PUMP TRUCK CHARGE	<u>2695</u>
EXTRA FOOTAGE @	
MILBAGE <u>15 @ 7</u>	<u>105</u>
MANIFOLD + Head @	<u>200</u>
LV <u>15 @ 4</u>	<u>60</u>
TOTAL	<u>3060</u>

PLUG & FLOAT EQUIPMENT

<u>5 1/2</u>	
Scratchers Recip. <u>8 @ 76</u>	<u>608</u>
Centralizers <u>7 @ 49</u>	<u>343</u>
Flow Guide Shoes <u>1 @ 240</u>	<u>240</u>
Rubber plug <u>1 @ 73</u>	<u>73</u>
AEH Insert <u>1 @ 286</u>	<u>286</u>
TOTAL	<u>1550</u>

SALES TAX (if Any) _____
TOTAL CHARGES 10 921.05
DISCOUNT _____ IF PAID IN 30 DAYS



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

PO Box 195
Attica KS 67009

ATTN: Randy Newberry

10-34s-11w Barber,KS

Medicine River Ranch D #6

Start Date: 2012.05.21 @ 21:50:58

End Date: 2012.05.22 @ 06:54:28

Job Ticket #: 44798 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

ORIGINAL

Printed: 2012.05.23 @ 13:24:24

N-10 Exploration LLC

Medicine River Ranch D #6

10-34s-11w Barber,KS

DST # 1

Melamer Sand

2012.05.21



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

N-10 Exploration LLC

Medicine River Ranch D #6

PO Box 195
Attica KS 67009

10-34s-11w Barber, KS

Job Ticket: 44798

DST#: 1

ATTN: Randy New berry

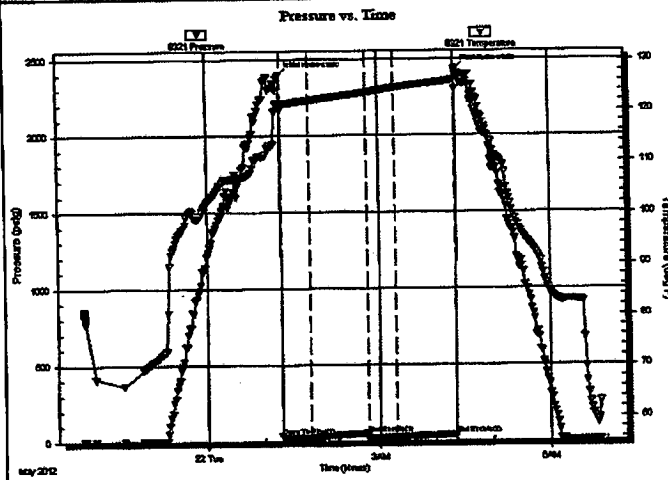
Test Start: 2012.05.21 @ 21:50:58

GENERAL INFORMATION:

Formation: **Melsner Sand**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 01:17:28
 Tester: Jeff Brown
 Time Test Ended: 06:54:28
 Unit No: 44
 Interval: 4857.00 ft (KB) To 4882.00 ft (KB) (TVD)
 Reference Elevations: 1361.00 ft (KB)
 Total Depth: 4882.00 ft (KB) (TVD)
 1351.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Good
 KB to GR/CF: 10.00 ft

Serial #: 8321 Inside
 Press@RunDepth: 22.66 psig @ 4860.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.05.21 End Date: 2012.05.22 Last Calib.: 2012.05.22
 Start Time: 21:50:59 End Time: 06:54:28 Time On Btm: 2012.05.22 @ 01:16:58
 Time Off Btm: 2012.05.22 @ 04:22:28

TEST COMMENT: FFP-Weak blow built to 2 1/8 in
 ISI-Dead no blow back
 FFP-Weak blow built to 1/4 in
 FSI-Dead no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2397.51	121.35	Initial Hydro-static
1	34.03	119.98	Open To Flow (1)
31	23.07	122.00	Shut-In(1)
91	49.92	123.55	End Shut-In(1)
91	18.96	123.56	Open To Flow (2)
121	22.66	124.39	Shut-In(2)
184	41.81	125.90	End Shut-In(2)
186	2436.85	127.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud with oil spots	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

N-10 Exploration LLC

Medicine River Ranch D #6

PO Box 195
Attica KS 67009

10-34s-11w Barber, KS

Job Ticket: 44798

DST#: 1

ATTN: Randy Newberry

Test Start: 2012.05.21 @ 21:50:58

GENERAL INFORMATION:

Formation: **Meisner Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:17:28

Time Test Ended: 06:54:28

Test Type: Conventional Bottom Hole (Initial)

Tester: Jeff Brown

Unit No: 44

Interval: **4857.00 ft (KB) To 4882.00 ft (KB) (TVD)**

Total Depth: 4882.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1361.00 ft (KB)

1351.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: **8737** Outside

Press@RunDepth: psig @ 4860.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.05.21

End Date: 2012.05.22

Last Calib.: 2012.05.22

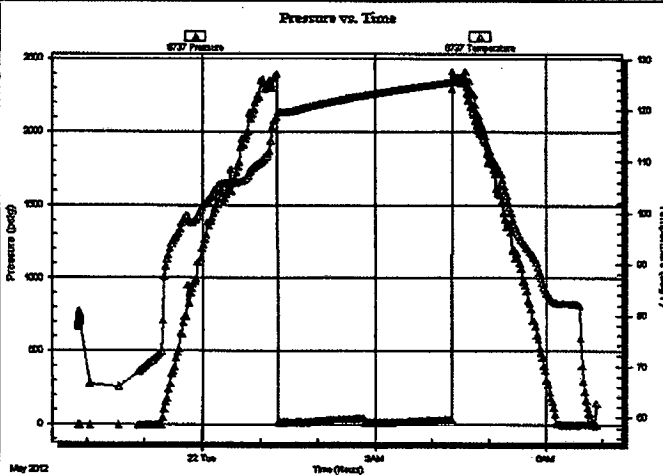
Start Time: 21:50:52

End Time: 06:54:21

Time On Btm:

Time Off Btm:

TEST COMMENT: IFF-Weak blow built to 2 1/8 in
ISI-Dead no blow back
FFF-Weak blow built to 1/4 in
FSI-Dead no blow back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud with oil spots	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

N-10 Exploration LLC

Medicine River Ranch D #6

PO Box 195
Attica KS 67009

10-34s-11w Barber, KS

Job Ticket: 44798

DST#: 1

ATTN: Randy New berry

Test Start: 2012.05.21 @ 21:50:58

Tool Information

Drill Pipe:	Length: 4730.00 ft	Diameter: 3.80 inches	Volume: 66.35 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 118.00 ft	Diameter: 2.25 inches	Volume: 0.58 bbl	Weight to Pull Loose: 90000.00 lb
		<u>Total Volume:</u>	<u>66.93 bbl</u>	Tool Chased 8.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 74000.00 lb
Depth to Top Packer:	4857.00 ft			Final 75000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	45.00 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			4838.00	
Shut In Tool	5.00			4843.00	
Hydraulic tool	5.00			4848.00	
Packer	4.00			4852.00	20.00 Bottom Of Top Packer
Packer	5.00			4857.00	
Stubb	1.00			4858.00	
Perforations	2.00			4860.00	
Recorder	0.00	8321	Inside	4860.00	
Recorder	0.00	8737	Outside	4860.00	
Perforations	19.00			4879.00	
Bullnose	3.00			4882.00	25.00 Bottom Packers & Anchor

Total Tool Length: 45.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

N-10 Exploration LLC

Medicine River Ranch D #6

PO Box 195
Attica KS 67009

10-34s-11w Barber, KS

Job Ticket: 44798

DST#: 1

ATTN: Randy New berry

Test Start: 2012.05.21 @ 21:50:58

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud with oil spots	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:

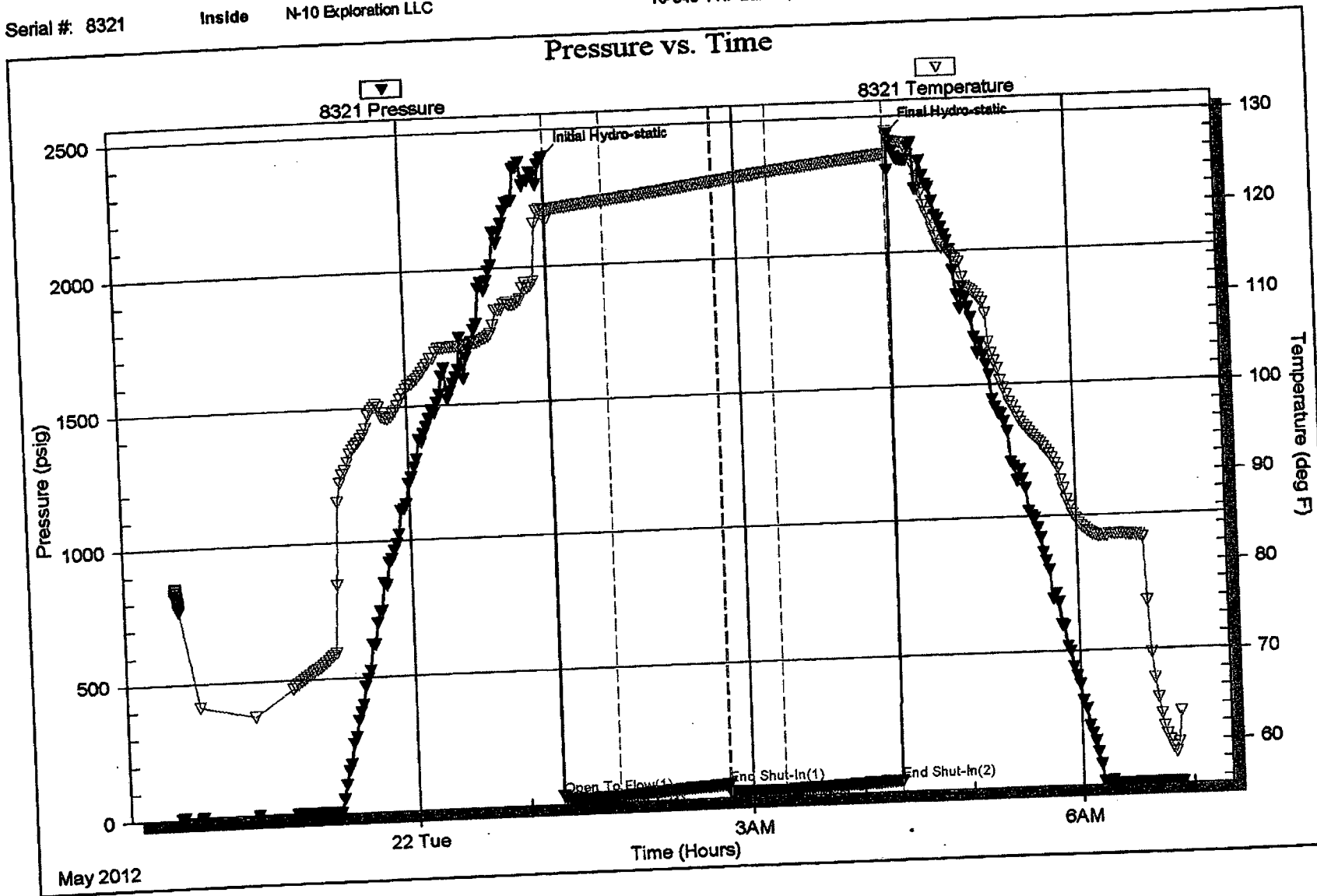
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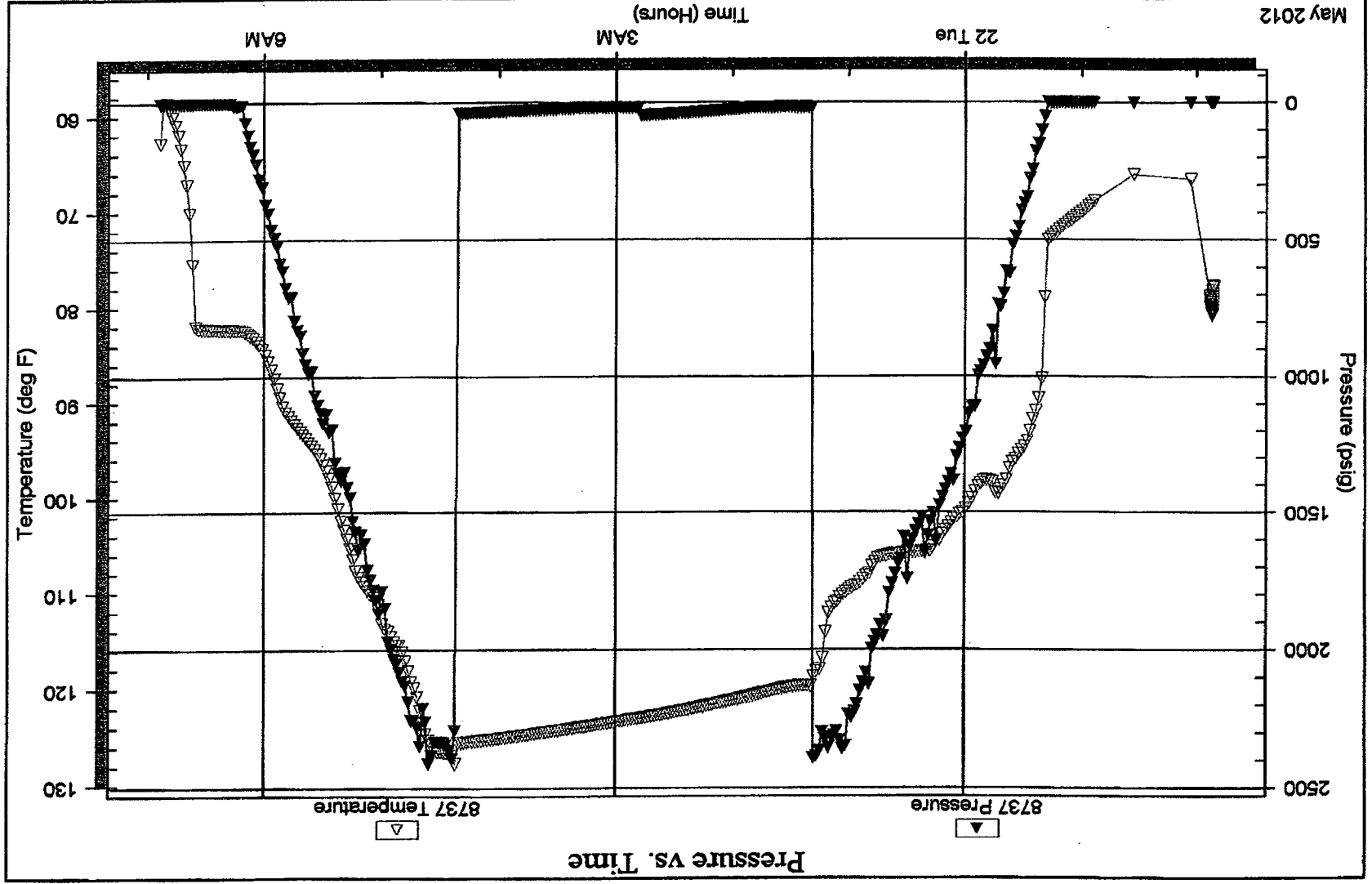
Serial #: 8321

Inside N-10 Exploration LLC

10-34s-11w Barber,KS

DST Test Number: 1





Printed: 2012.05.23 @ 13:24:27

Ref. No: 44798

Triobik Testing, Inc

DST Test Number: 1

10-34s-11w Barber,KS

Outside N-10 Exploration LLC

Serial #: 8737



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 44798

Well Name & No. Medicine River Ranch D-40 Test No. 1 Date 5-21-12
 Company N-10 EXPLORATION LLC Elevation 1361 KB 1351 GL
 Address P.O. Box 195 ATTICA KS 67009
 Co. Rep / Geo. Tim Pierce Rig Hardt Drilling #1
 Location: Sec. 10 Twp. 34 S Rge. 11 W Co. Barber State KS

Interval Tested 4857-4882 Zone Tested Meisner SAND
 Anchor Length 25 Drill Pipe Run 4730 Mud Wt. 9.4
 Top Packer Depth 4852 Drill Collars Run 118 Vis 50
 Bottom Packer Depth 4857 Wt. Pipe Run 0 WL 11.2
 Total Depth 4882 Chlorides 3000 ppm System LCM 3#

Blow Description Off-Weak Blow Built to 2 1/8 IN
ISI-Dead NO Blow Back
Off-Weak Blow Built to 1/4 IN
ISI-Dead NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>Mud with oil spots</u>				
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5 BHT 126 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2398 Test 1250 T-On Location 21:02
 (B) First Initial Flow 34 Jars _____ T-Started 21:50
 (C) First Final Flow 23 Safety Joint _____ T-Open 15:18
 (D) Initial Shut-In 50 Circ Sub _____ T-Pulled 4:18
 (E) Second Initial Flow 19 Hourly Standby _____ T-Out 6:54
 (F) Second Final Flow 23 Mileage 330 RT 102rt 158.10 Comments Stayed IN Medicine hole
 (G) Final Shut-In 42 Sampler _____ 158.10 pu tools
 (H) Final Hydrostatic 2437 Straddle _____ Ruined Shale Packer
 Shale Packer _____ Ruined Packer
 Extra Packer _____ Extra Copies
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1566.20
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1408.10

Initial Open 30
 Initial Shut-In LOD
 Final Flow 30
 Final Shut-In LOD

Approved By _____ Our Representative Jeff Brown

TriLOBITE Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

Timothy G. Pierce

Petroleum Geologist

GEOLOGIST'S REPORT DRILLING TIME AND SAMPLE LOG

COMPANY N-10 Exploration, LLC
 LEASE Medicine River Ranch 'D' #6
 FIELD Landis
 LOCATION 1610' FSL & 1400' FEL
 SEC 10 TWSP 34S RGE 11W
 COUNTY Barber STATE Kansas
 CONTRACTOR Hardt Drilling Rig #1
 SPUD 5-16-2012 COMP 5-23-2012
 RTD 5100 LTD 5103
 MUD UP 2966 TYPE MUD Chemical

ELEVATIONS

KB 1361'
 DF _____
 GL 1351'

Measurements Are All
From Kelly Bushing

CASING

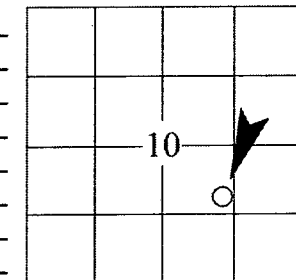
CONDUCTOR _____
 SURFACE 8-5/8" at 257'
 PRODUCTION 5-1/2" at 5089'

ELECTRICAL SURVEYS

DIL / CN-CD
Log-Tech

SAMPLES SAVED FROM 4000 TO RTD
 DRILLING TIME KEPT FROM 4000 TO RTD
 SAMPLES EXAMINED FROM 4000 TO RTD
 GEOLOGICAL SUPERVISION FROM 4171' to RTD
 GEOLOGIST ON WELL Tim Pierce

FORMATION TOPS	ELECTRIC LOG	SAMPLE
Heebner Sh.	3616 (-2255)	NA
Stark Sh.	4300 (-2939)	4296 (-2935)
Cherokee Sh.	4520 (-3159)	4518 (-3157)
Mississippi	4578 (-3217)	4556 (-3195)
Kinderhook Sh.	4758 (-3397)	4756 (-3395)
Chattanooga Sh.	4842 (-3481)	4842 (-3481)
Viola	4894 (-3533)	4896 (-3535)
Simpson	4988 (-3627)	4986 (-3625)



API # 15-007-23,879

REMARKS *The ground level elevation was changed from the surveyed elevation due to leveling of location*

Samples and electric logs indicate a productive zone in the Mississippi from 4586'-4652'.

Samples indicated a show in the Meisner sand which was evaluated by DST #1

A sample show was observed in the Chattanooga Sh. From 4842'-4861'

A gas kick was registered in the Pawnee LS from 4488'-4491', samples indicated porosity but there was no visible show of oil or gas.

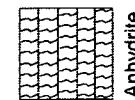
Electric logs indicate this to be a possible productive zone, this should be evaluated before abandonment.

A slight show of gas was observed in the Hushpuckney shale from 4330'-4336'.

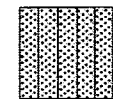
There were no other zones of interest indicated by samples or electric logs

Timothy G. Pierce

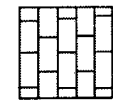
LEGEND



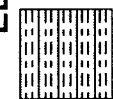
Anhydrite



Sandstone



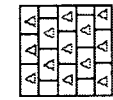
Limestone



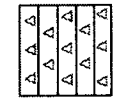
Shale



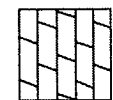
Carb Sh



Cherty LS



Chert



Dolomite

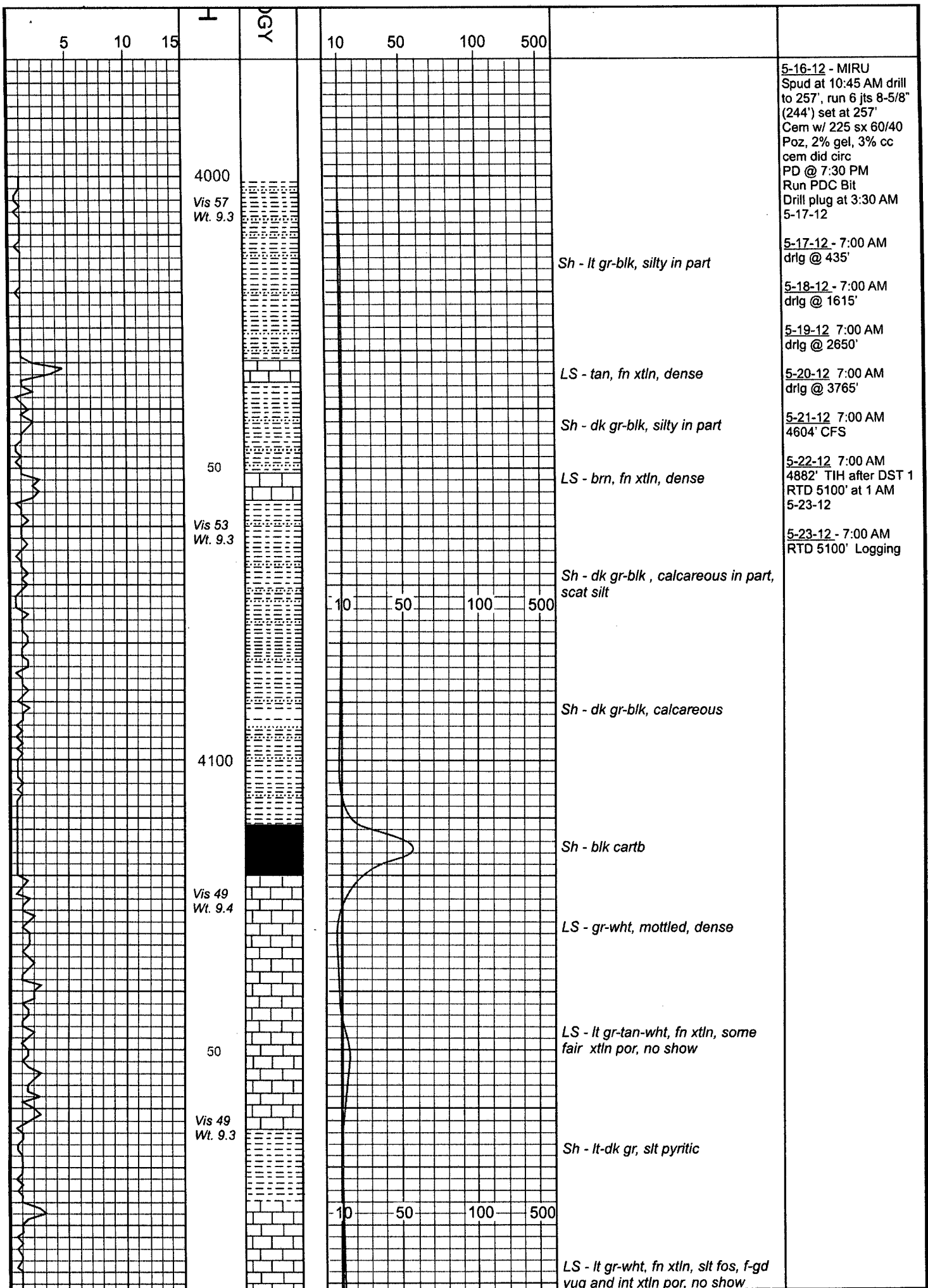
DRILLING TIME IN
MINUTES PER FOOT
Rate of Penetration Decreases ↑

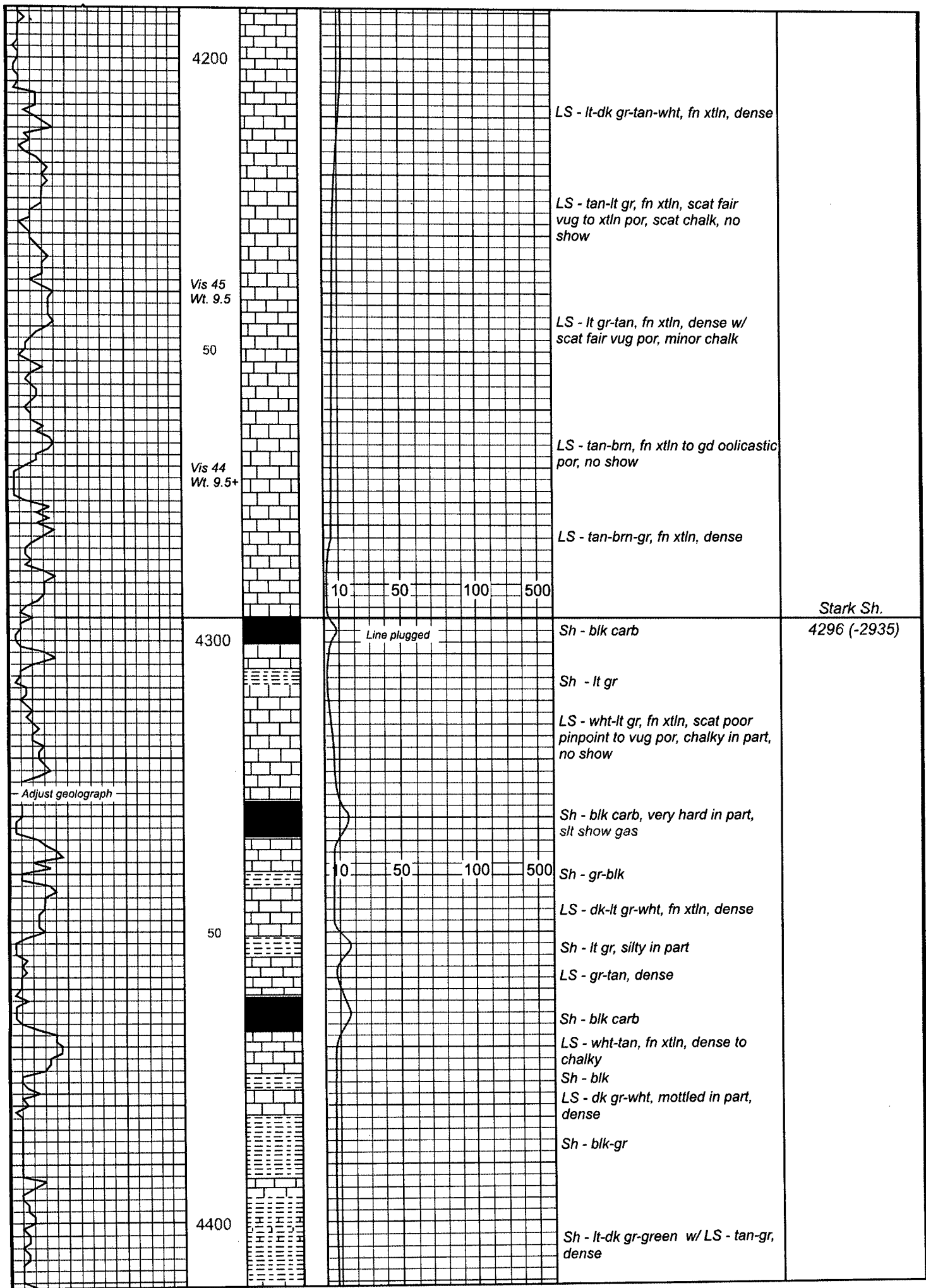
DEPTH

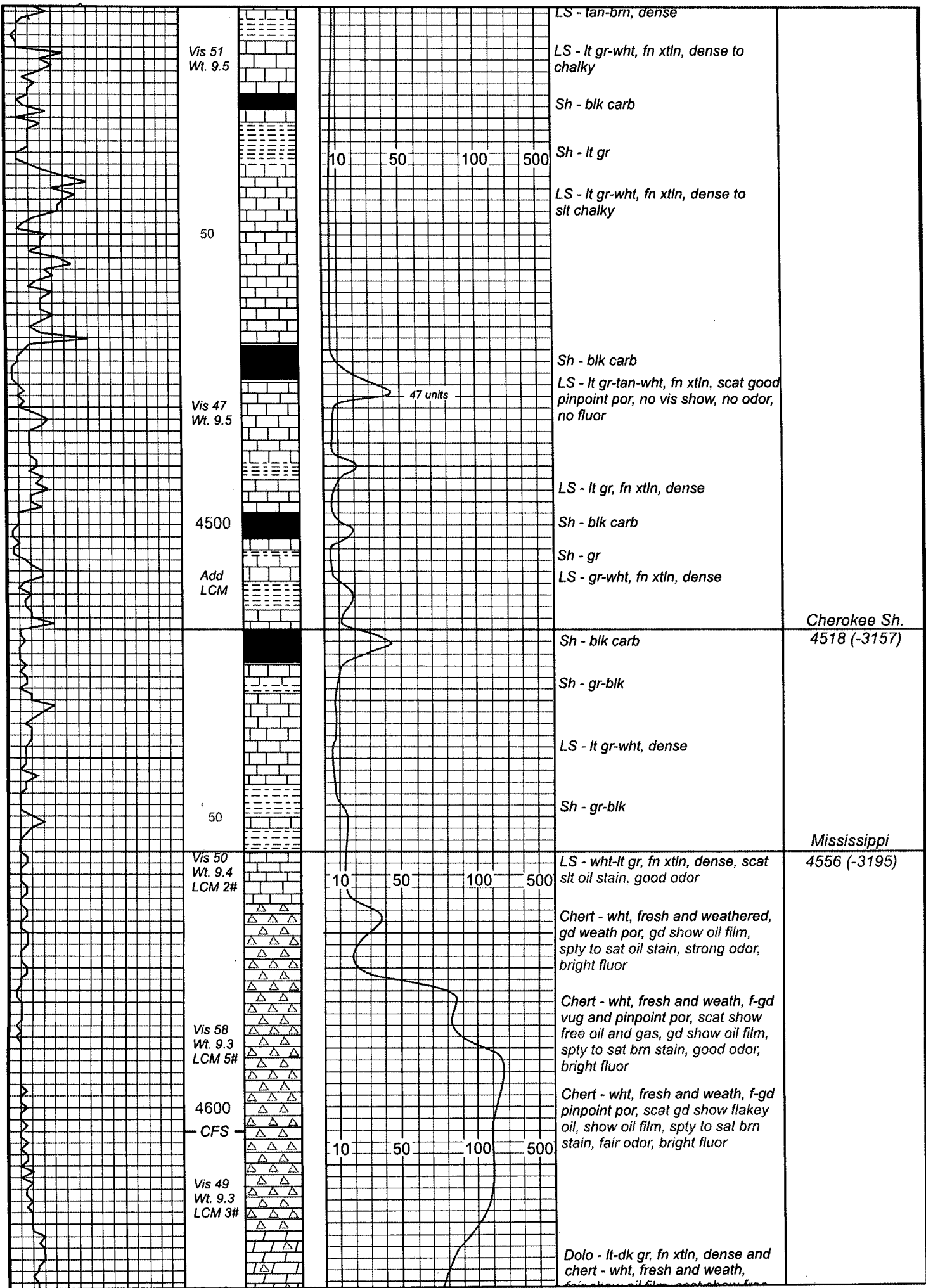
GAS SCALE

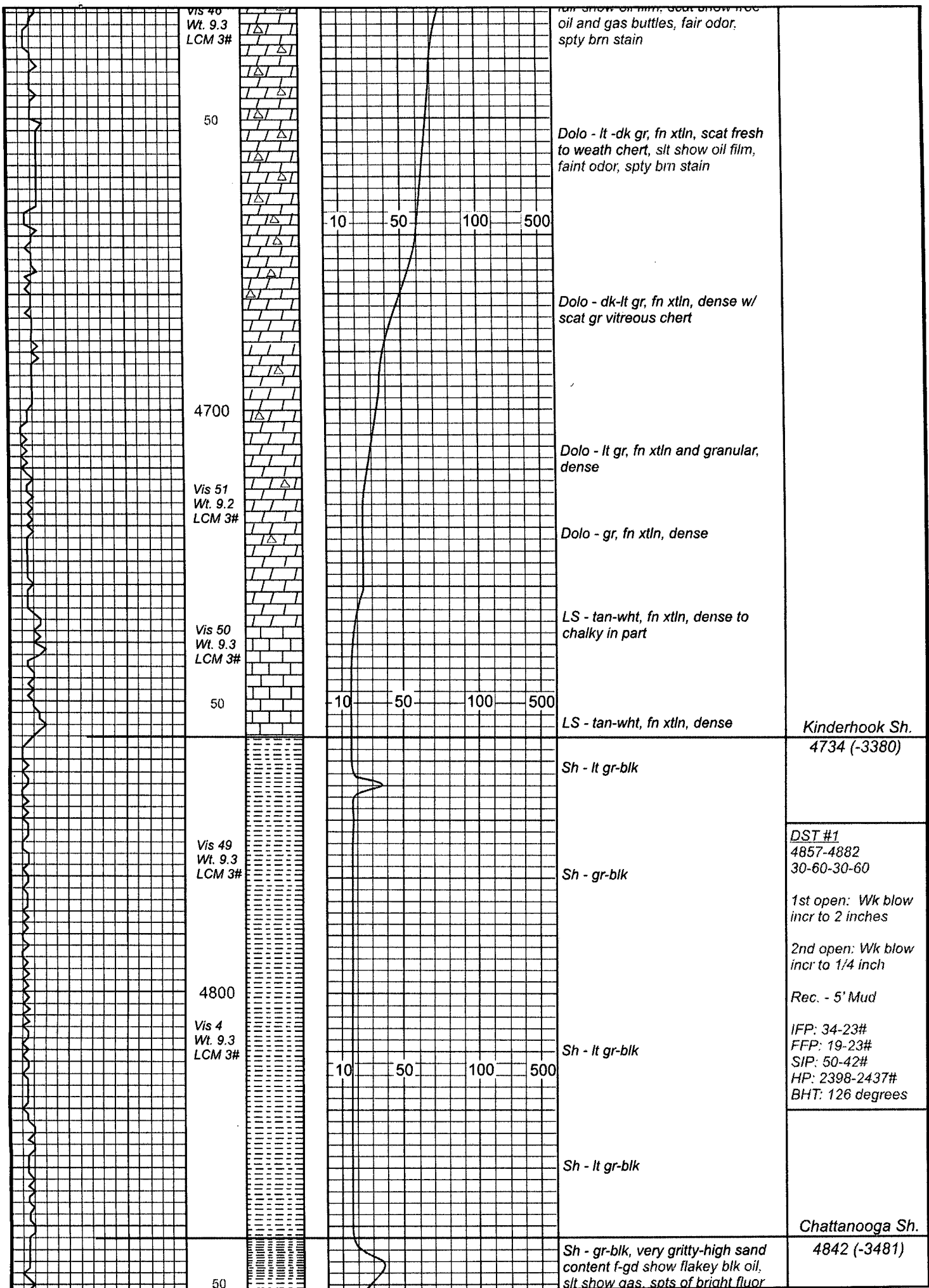
SAMPLE DESCRIPTION

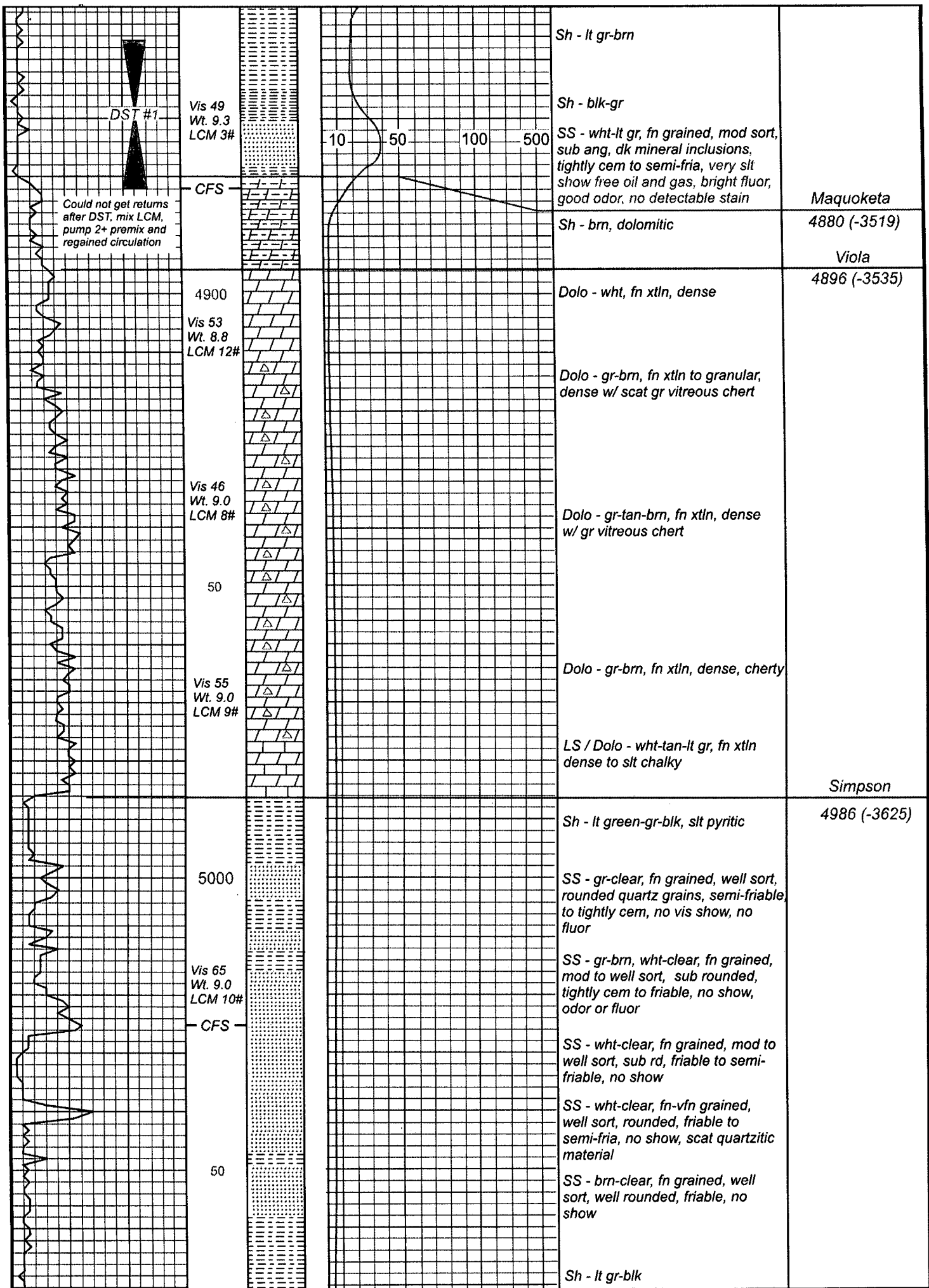
REMARKS

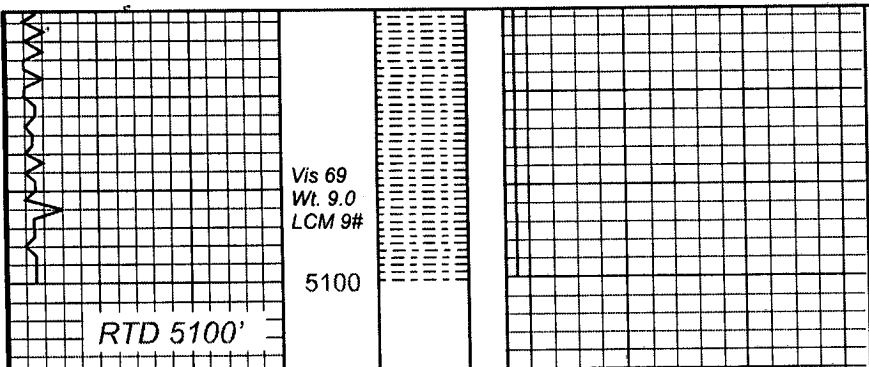




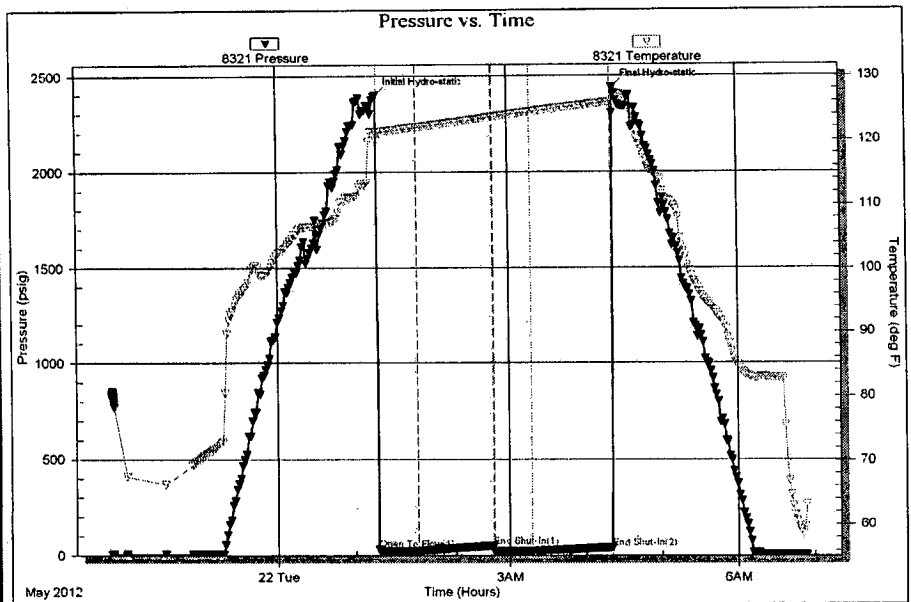








Serial #: 8321 Inside N-10 Exploration LLC Medicine River Ranch DST Test Number: 1



DST #1
4857-4882
30-60-30-60

1st open: Wk blow
incr to 2 inches

2nd open: Wk blow
incr to 1/4 inch

Rec. - 5' Mud

IFP: 34-23#
FFP: 19-23#
SIP: 50-42#
HP: 2398-2437#
BHT: 126 degrees

