KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1087503

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 + __ __ __ __
Contact Person: Randy Newberry
Phone: (620) 254-7251
CONTRACTOR: License # 33902
Name: Hardt Drilling LLC
Wellsite Geologist: Kent Roberts
Purchaser:

Designate Type of Completion:

- [x] New Well
- [ ] Re-Entry
- [ ] Workover

- [ ] Oil
- [ ] WSW
- [ ] SWD
- [ ] SIOW
- [ ] Gas
- [ ] D&A
- [ ] ENHR
- [ ] SIGW
- [x] 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 #:

3/6/2012	3/13/2012	3/28/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-007-23846-00-00
Spot Description: C SW SW
__ - __ - SW - SW Sec. 32 Twp. 32 S. R. 10 [ ] East [x] West
660 Feet from [ ] North / [x] South Line of Section
660 Feet from [ ] East / [x] West Line of Section
Footages Calculated from Nearest Outside Section Corner:
[ ] NE [ ] NW [ ] SE [x] SW
County: Barber
Lease Name: Traffas B Well #: 9
Field Name: Antrim South
Producing Formation: Mississippi
Elevation: Ground: 1539 Kelly Bushing: 1549
Total Depth: 5000 Plug Back Total Depth: 4958
Amount of Surface Pipe Set and Cemented at: 268 Feet
Multiple Stage Cementing Collar Used? [ ] Yes [x] 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: 32000 ppm Fluid volume: 240 bbls
Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: Hart Energies, LLC
Lease Name: Priscilla SWDW License #: 32798
Quarter SW Sec. 12 Twp. 34 S. R. 10 [ ] East [x] West
County: Barber Permit #: D-30604

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:
- [x] Wireline Log Received
- [x] Geologist Report Received
- [ ] UIC Distribution

ALT [x] I [ ] II [ ] III Approved by: Deanna Garrisor Date: 07/23/2012

Side Two

1087503

Operator Name: R & B Oil & Gas, Inc. Lease Name: Traffas B Well #: 9

Sec. 32 Twp. 32 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 ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☑ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

Electric Log Submitted Electronically ☑ Yes ☐ No
(If no, Submit Copy)

List All E. Logs Run:

Dual Induction
Dual Compensated Porosity

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Mississippi	4540	(-2991)

CASING RECORD ☑ New ☐ 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	268	60:40 Poz	225	2% Gel, 3% CC
Production	7.875	5.5	14	4990	Class H	175	10% Salt, 5# Kolsea

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:
☐ Perforate
☐ Protect Casing
☐ Plug Back TD
☐ Plug Off Zone

Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
-			
-			

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	4510 - 4516 4539 - 4610	4250 gal 15% HCL-NE-FE Acid	
		Frac 2647sx 30/50 sand	
		400 sx 16/30 sand	
		210sx 16/30 Resin Coated Sand	

TUBING RECORD: Size: 2.875 Set At: 4719 Packer At:

Liner Run: ☐ Yes ☑ No

Date of First, Resumed Production, SWD or ENHR. 4/2/2012

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	14	90	220	641	

DISPOSITION OF GAS:
☐ Vented ☑ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)*

PRODUCTION INTERVAL:
4510 - 4516
4539 - 4610

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Jane

ALLIED CEMENTING CO., LLC. 038023

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Medicine Lodge KS

DATE 03/06/2012	SEC. 32	TWP. 32	RANGE 10w	CALLED OUT	ON LOCATION	JOB START 2:00pm	JOB FINISH 2:30 pm
LEASE Traffas B	WELL # #9		LOCATION 3 south of Sharon KS on West side of town, 1 west, N into			COUNTY Barber	STATE KS
OLD OR (NEW) (Circle one)							

CONTRACTOR Hardt Drlg Rig #1
TYPE OF JOB Surface
HOLE SIZE 12 1/4 T.D. 268
CASING SIZE 8 5/8 DEPTH 270
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX 300 PSI MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG. 12 ft
PERFS.
DISPLACEMENT 16.43 bbls H_2O

OWNER R+B Oil + Gas

CEMENT
AMOUNT ORDERED 225 sx 60:40:2% Gel + 3% cc

EQUIPMENT

PUMP TRUCK # 360/265 CEMENTER Jason Thiessen/Matt Thirsh
HELPER Adam Miller
BULK TRUCK # 381/250 DRIVER George Wright
BULK TRUCK # DRIVER

COMMON	135 sx	@ 16.25	2,193.75
POZMIX	90 sx	@ 8.50	765.00
GEL	4 sx	@ 21.25	85.00
CHLORIDE	7 sx	@ 58.20	407.40
ASC		@	
HANDLING	238	@ 2.25	531
MILEAGE	286 x 10 x .11		259.60
		TOTAL	4241.75

REMARKS:
Broke circ. w/ truck, prayed & closed, mixed + pumped 225 sx cement, displaced 16.43 bbls H_2O, Shut in, did circulate cement

SERVICE

DEPTH OF JOB	270		
PUMP TRUCK CHARGE			1,125.00
EXTRA FOOTAGE	0	@	
MILEAGE	10	@ 7.00	70.00
MANIFOLD		@	
Light vehicle	10	@ 4.00	40.00
		@	
		TOTAL	1235.00

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

PLUG & FLOAT EQUIPMENT

	@	
	@	
none	@	
	@	
	@	
	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 5476.75
DISCOUNT IF PAID IN 30 DAYS

PRINTED NAME Scott Adelhart
SIGNATURE Scott Adelhart

Jane

ALLIED OIL & GAS SERVICES, LLC 054059

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Medicine Lodge

DATE 3-13-12	SEC. 32	TWP. 32	RANGE 10 W	CALLED OUT	ON LOCATION	JOB START	JOB FINISH 10:40
LEASE Traffas	WELL # B-9		LOCATION Sharon, 3S, 1 west, N into			COUNTY Barber	STATE Ks.
OLD OR (NEW) (Circle one)							

CONTRACTOR Yoarst #1
TYPE OF JOB Production
HOLE SIZE 7 7/8 T.D. 5000
CASING SIZE 5 1/2 DEPTH 4990
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT 43.25
CEMENT LEFT IN CSG.
PERFS.
DISPLACEMENT 122 Bls.

OWNER R & B Oil & Gas

CEMENT

AMOUNT ORDERED 40sx 60/40: 4+.4% SMS
175 sx H+10% salt+5# Kolseal

EQUIPMENT

PUMP TRUCK CEMENTER Ron G. / Dario F.
#471-302 HELPER Eddie P.
BULK TRUCK
#381-250 DRIVER Brett G.
BULK TRUCK
DRIVER

COMMON A	24	@ 16.25	390.00
POZMIX	16	@ 8.50	136.00
GEL	1	@ 21.25	21.25
CHLORIDE		@	
ASC		@	
ASF 500 Gals		@ 1.27	635.00
KCL	15	@ 31.23	468.75
SMS	14#	@ 3.00	42.00
Salt	17	@ 12.00	204.00
Kolseal 875 #		@ .89	778.75
Class H	175	@ 19.25	3368.75
		@	
		@	
HANDLING	250	@ 2.25	562.50
MILEAGE 250x 10 x .11 (min)			344.00
		TOTAL	6951.00

REMARKS:

Break Circulation with Rig with pipe on Bottom Circulate for on Bottom drop Ball, pump 20 Bbls 2% KCl, 3 Bbls fresh H2O, 500 gal ASF, 3 Bbls fresh H2O, plug Rat 155x60:40:4+.4% SMS and pump 25sx 60/40/4+.4% SMS Scavenger, pump 175sx H+10% salt+5# Kolseal, Stop & Wash pump & lines, release plug, start Disp with 2% KCl H2O, Slow rate to 5 Bbls PM, with lift, Slow at 10 Bbls to 3 Bbls PM Bump Plug 500 over at 1200 psi Plug Held

SERVICE

DEPTH OF JOB			5000'
PUMP TRUCK CHARGE			2405.00
EXTRA FOOTAGE		@	
MILEAGE	10	@ 7.00	70.00
MANIFOLD Head Rental		@	200.00
Light Veh.	10	@ 4.00	40.00
		@	
		TOTAL	2715.00

CHARGE TO: R & B Oil & Gas

STREET

CITY STATE ZIP

5 1/2 **PLUG & FLOAT EQUIPMENT**

1-Rubber Guide Shoe		@	100.80
1-AFU Insert		@	112.00
8 Centralizers		@ 32.20	257.92
8 Recip. Scratchers		@ 23.94	191.52
1 Rubber Plug		@	66.00
		TOTAL	728.24

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 10,394.24
DISCOUNT 20% IF PAID IN 30 DAYS
NET 8315.39

PRINTED NAME Steve Myers

SIGNATURE Steve Meyers

OPERATOR

Company: R&B Oil and Gas
Address: 124 N. Main
Attica, KS 67009

PLOTTED GEOLOGICAL LOG

WellSight Systems

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

Well Name: TRAFFAS "B" #9
Location: Sec. 32-T32S-R10W
Licence Number: 15-007-23846-00-00 **Region:** Barber Co., KS
Spud Date: 03/06/2012 **Drilling Completed:** 03/12/2012
Surface Coordinates: SW SW

Bottom Hole Coordinates: Vertical

Ground Elevation (ft): 1539 **K.B. Elevation (ft):** 1549
Logged Interval (ft): 3500 **To:** 5000 **Total Depth (ft):** 5000
Formation: Simpson
Type of Drilling Fluid: Chemical Mud by Mud-Co

GEOLOGIST

Name: Kent Roberts
Company: Roberts Resources, Inc.
Address: 2020 N. Tyler, Suite 106
Wichita, KS 67212
Phone 316-721-2817

INFORMATION

DRILLING CONTRACTOR: Hardt Drilling LLC

MUD TYPE: Chemical by Mud-Co (Brad Bortz, Engineer)

DRILLING TIME KEPT FROM: 3500' to RTD

SAMPLES SAVED FROM: 3500' to RTD

SAMPLES EXAMINED FROM: 3500' to RTD

GEOLOGICAL SUPERVISION FROM: 3582' to RTD

ELECTRICAL SURVEYS: CNL-CDL / DIL by Log-Tech

DAILY ACTIVITY @ 0700 HRS

03/05/12 MIRU
03/06/12 Spud well. Ran surface and cement
03/07/12 Drilling @ 911'
03/08/12 Drilling @ 1955'
03/09/12 Drilling @ 2937'
03/10/12 Drilling @ 3905'
03/11/12 Drilling @ 4648'
03/12/12 Drilling @ 4850'

CASING DATA

CONDUCTOR CASING: None

SURFACE CASING: Ran 6 jts 8-5/8 set @ 268' w/ 225 sacks

PRODUCTION : 5-1/2 x 14# set @ 4990' w/ 175 sacks Class H

COMMENTS

Deviation 1-1/2 degree, pipe strap 1.53' short to board @ 4832'

Production casing was set for further testing.
Recommended perforations for acid and frac stimulation are:

Cherokee Sd 4511' to 4516'
Mississippi 4540' to 4546'
Mississippi 4558' to 4574'
Mississippi 4578' to 4610'

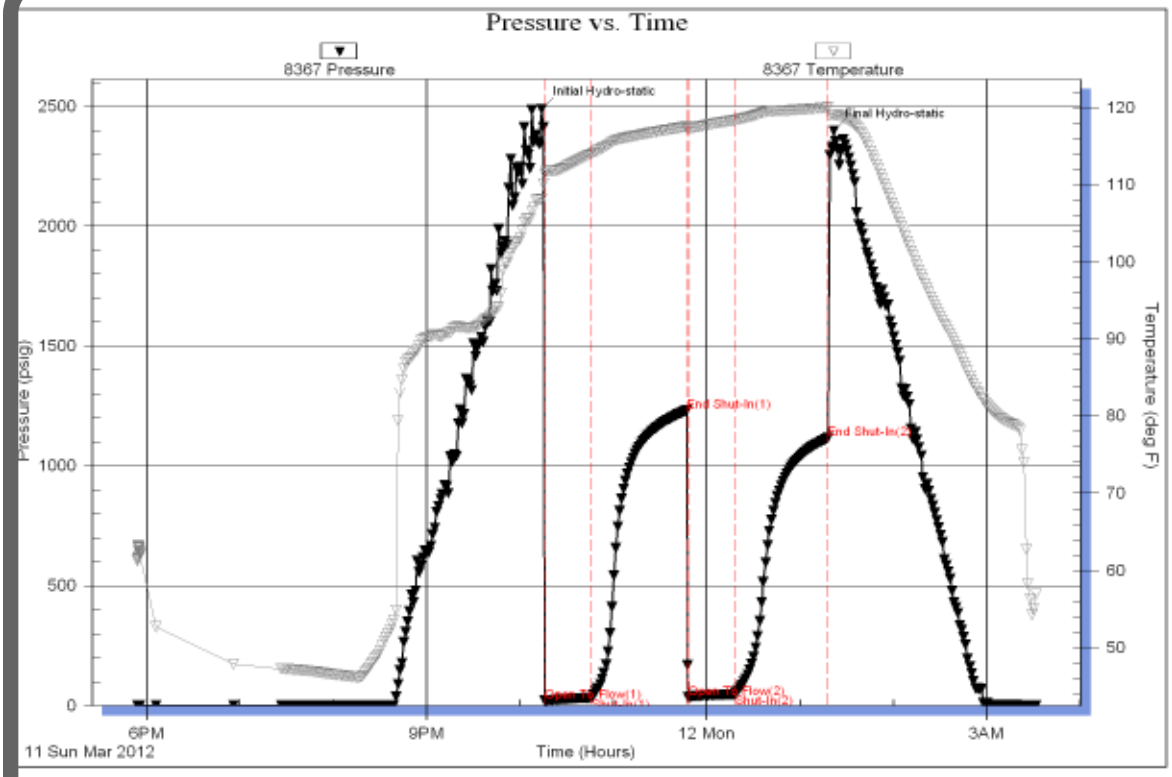
Respectfully Submitted,

Kent Roberts
Ks License #322

FORMATION TOPS

WELL NAME: Traffas "B" #9 **ELEV.** **G.L.= 1539**
K.B.= 1549

FORMATION TOPS	Sample		E- Log		KEY WELLS Traffas "B" 5	KEY WELLS Vickery "B" 1
Heebner	3599	-2050	3600	-2051	-2057	-2052
Lansing	3795	-2246	3790	-2241	-2257	-2252
Stark Shale	4256	-2707	4258	-2709	-2717	-2716
Cherokee Sh.	4488	-2939	4487	-2938	-2945	-2949
Cherokee Sand	4504	-2955	4510	-2961	NP	-2976
Mississippi Chert	4532	-2983	4540	-2991	-2982	-3015
Kinderhook Shale	4726	-3177	4728	-3179	-3189	NDE
Viola	4818	-3269	4819	-3270	-3295	NDE
Simpson Sd	4914	-3365	4920	-3371	NDE	NDE
Total Depth	5000	-3451	5001	-3452	NDE	NDE

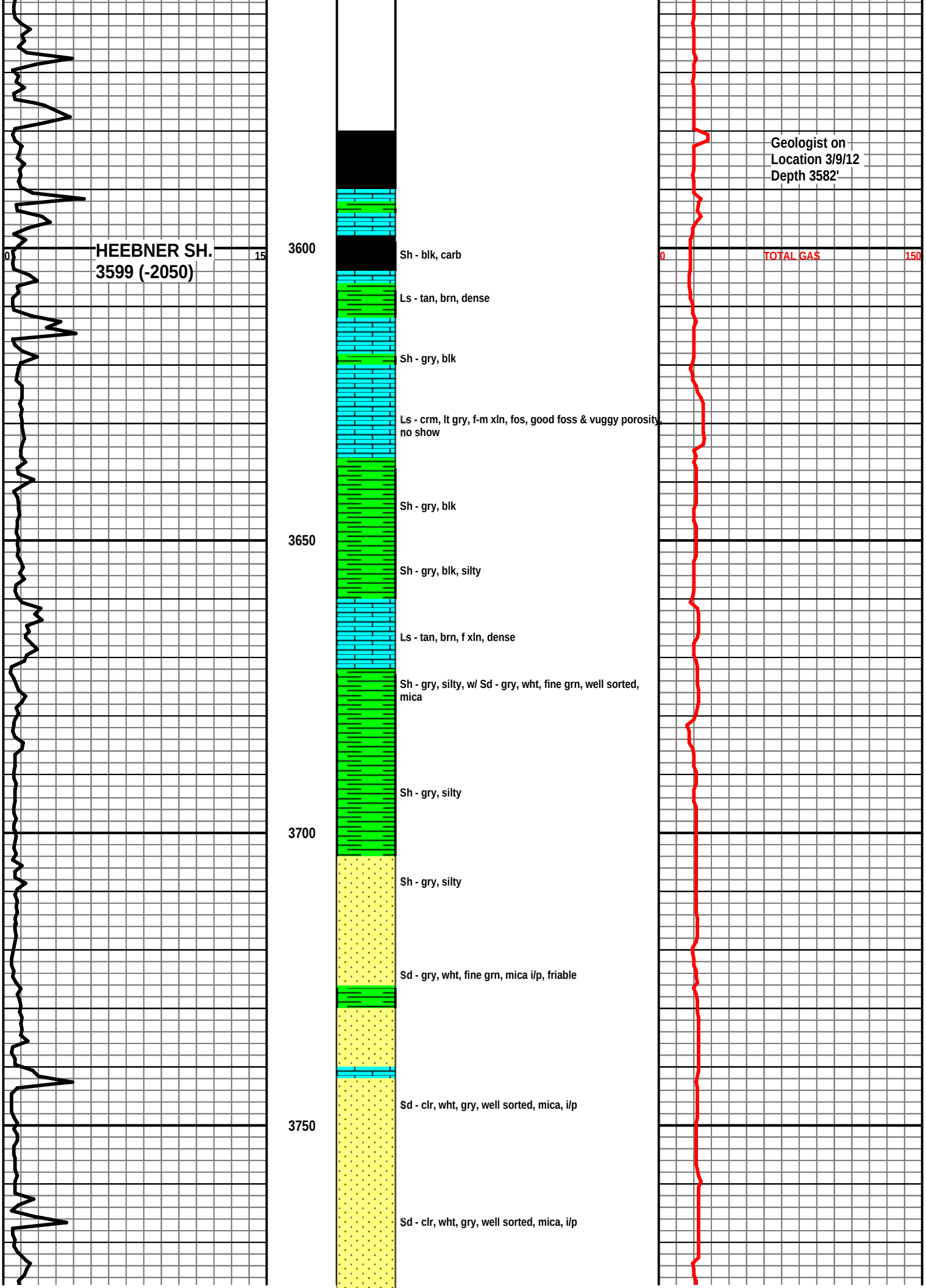


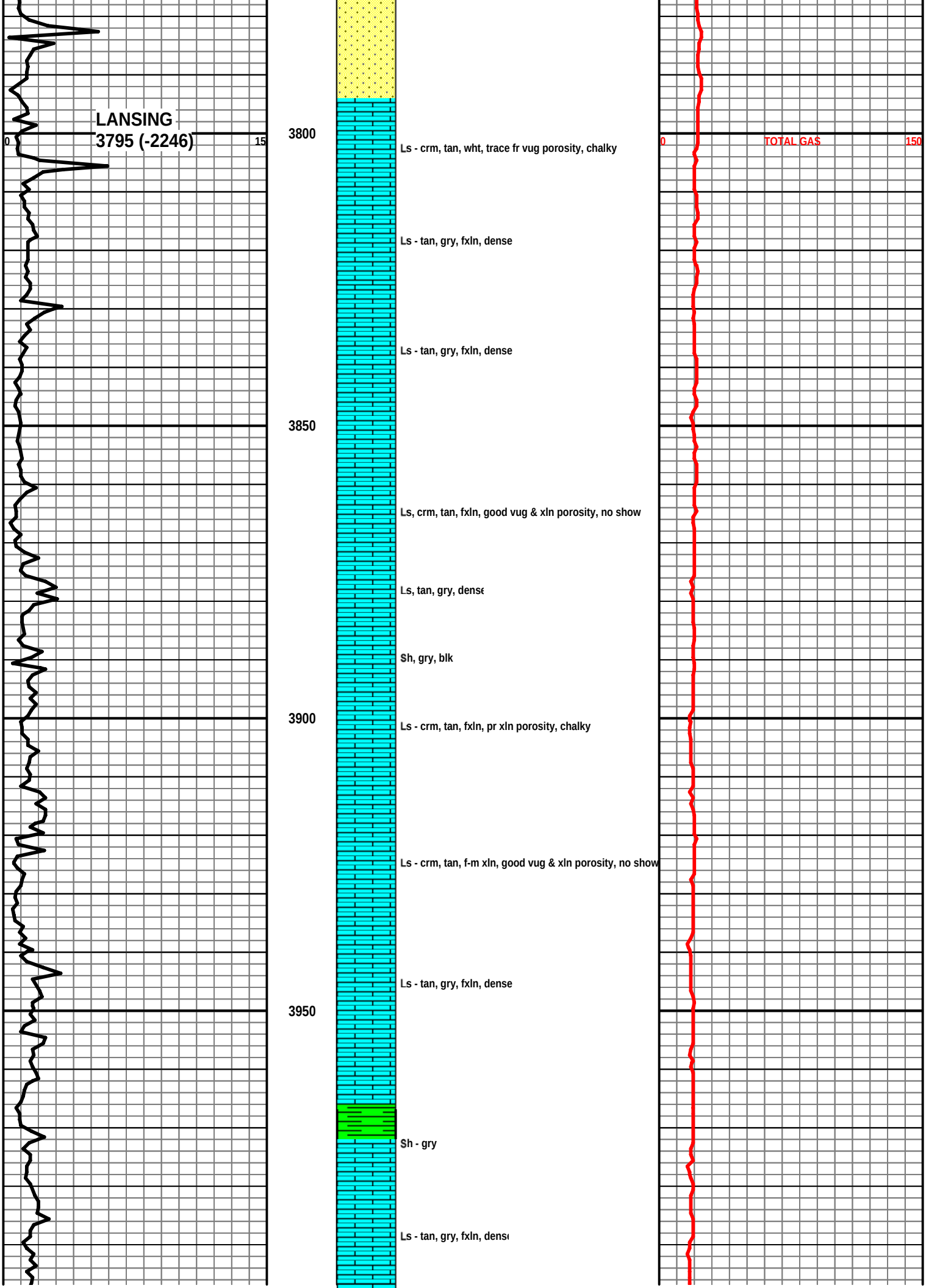
DST #1 from 4822-4832
30-60-30-60
IF: Weak built to 2 inches
ISI: No blow
FF: Weak built to 2 inches
FSI: No blow
REC: 60' water cud mud
Chlorides 90,000
HP: 2488-2396
FP: 22-34 / 35-53
SIP: 1230-1115

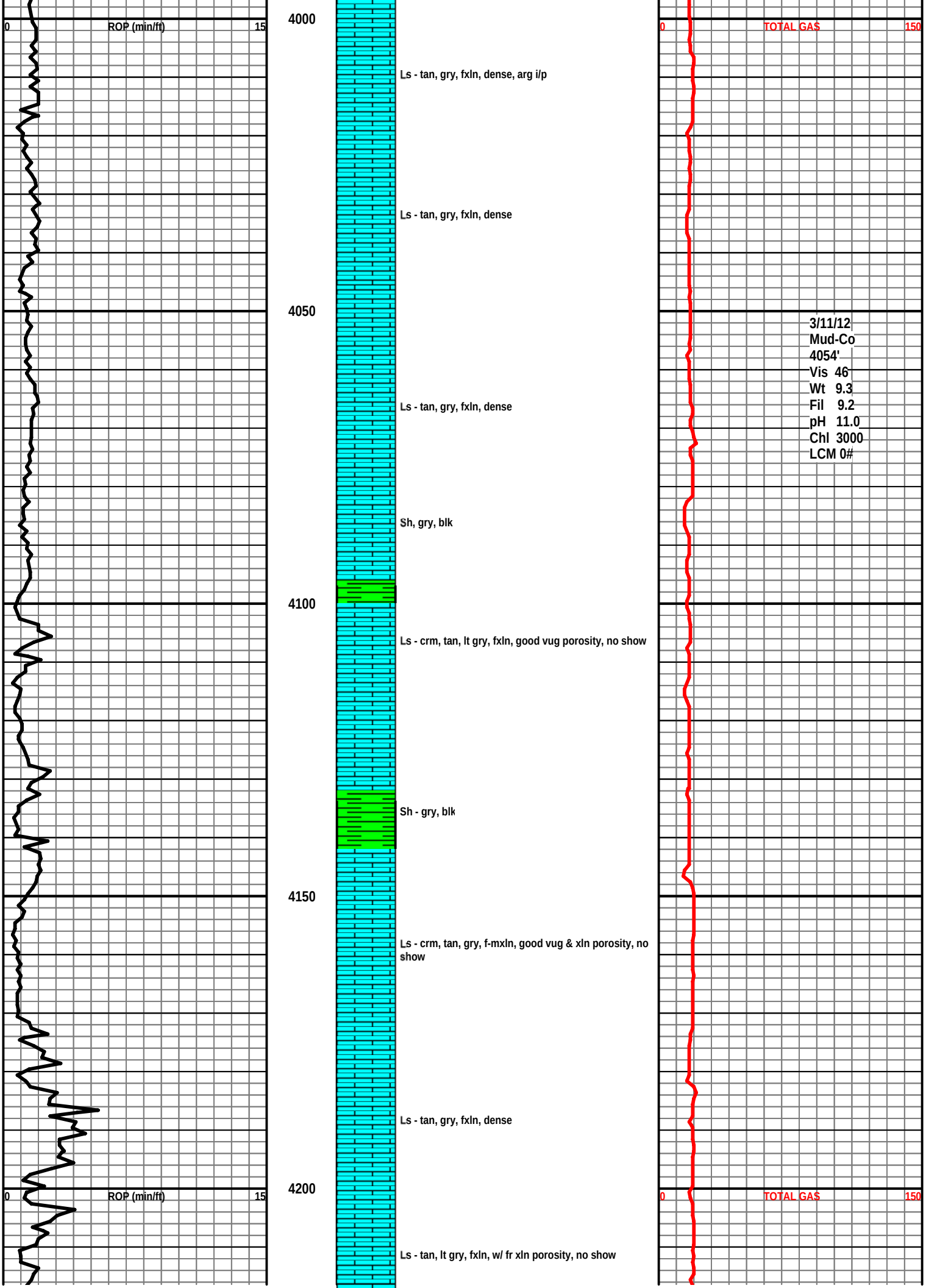
ROCK TYPES

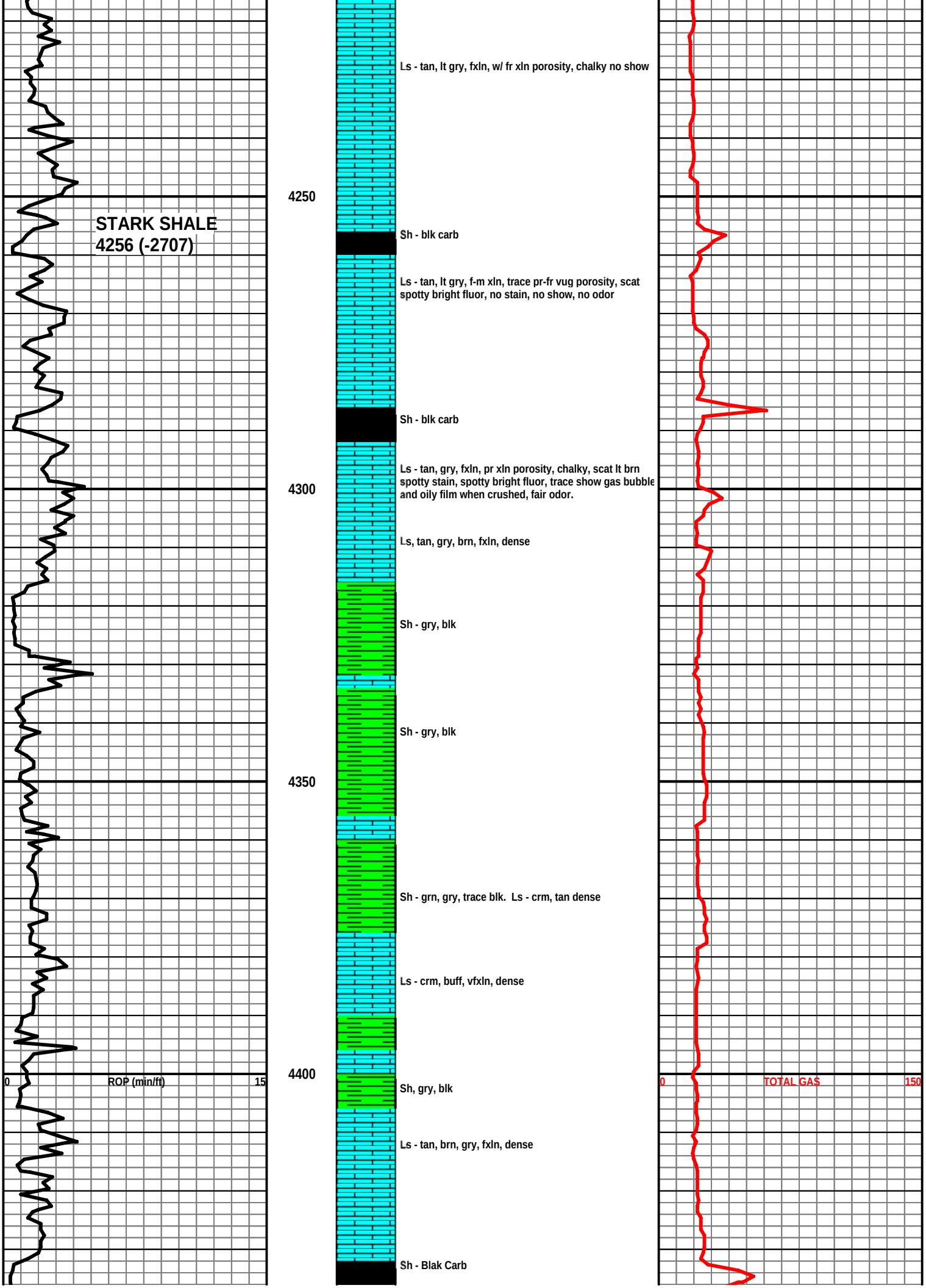
Anhy	Congl	Salt	Siltstone
Cht	Dolomite	Shale	Sandstone
Black shale	Limestone	Cherty dol.	

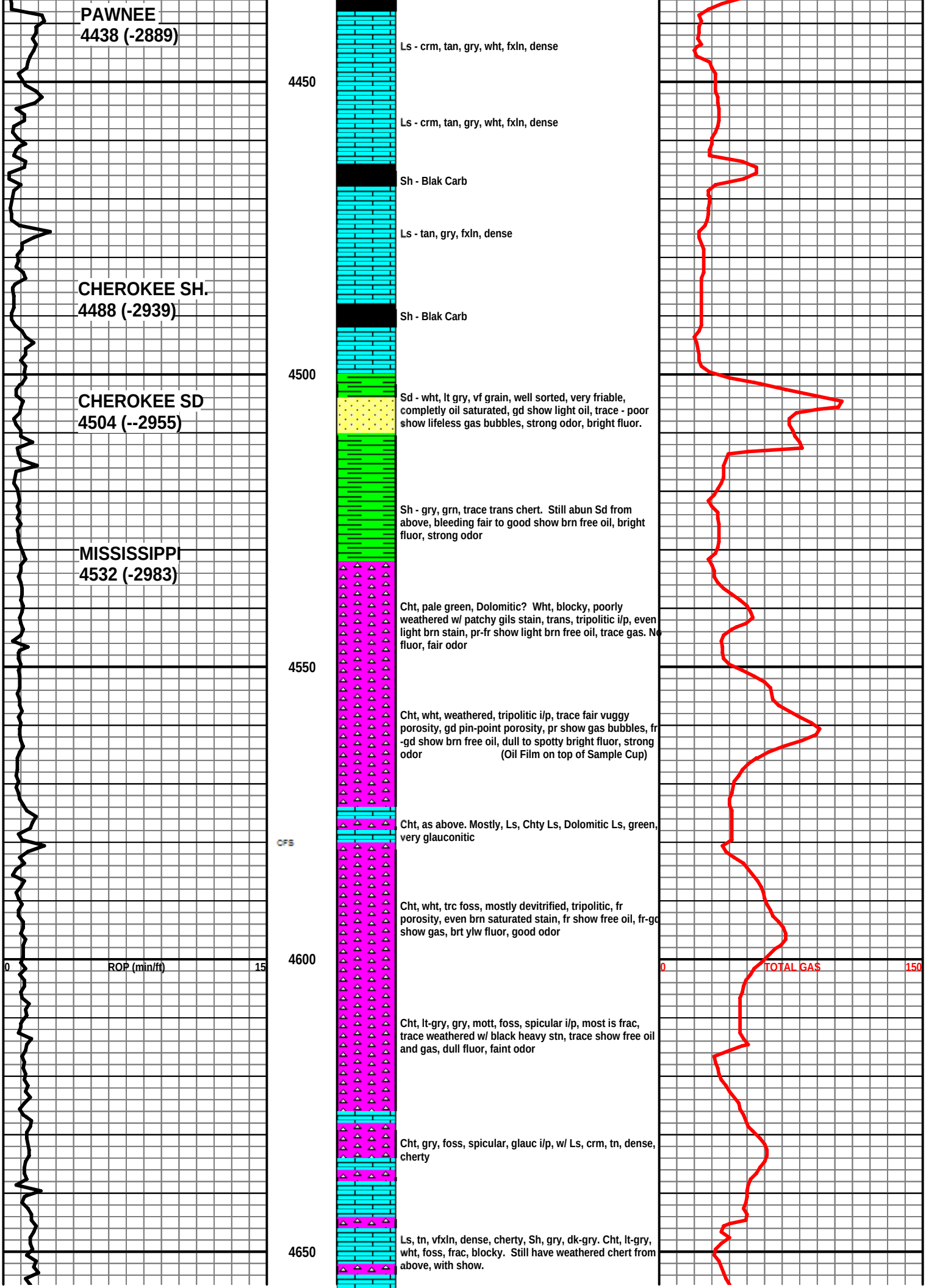
Curve Track 1 ROP (min/ft)	Depth	Lithology	Geological Descriptions	TOTAL GAS, C1-C5 TOTAL GAS (Units)
0 ROP (min/ft) 15 Drilling w/ 7-7/8 Smith PDC Bit	3500 3550			0 TOTAL GAS 150 Gas Detector in operation from 1600' No Kicks Recorded from 1600' to 3500'

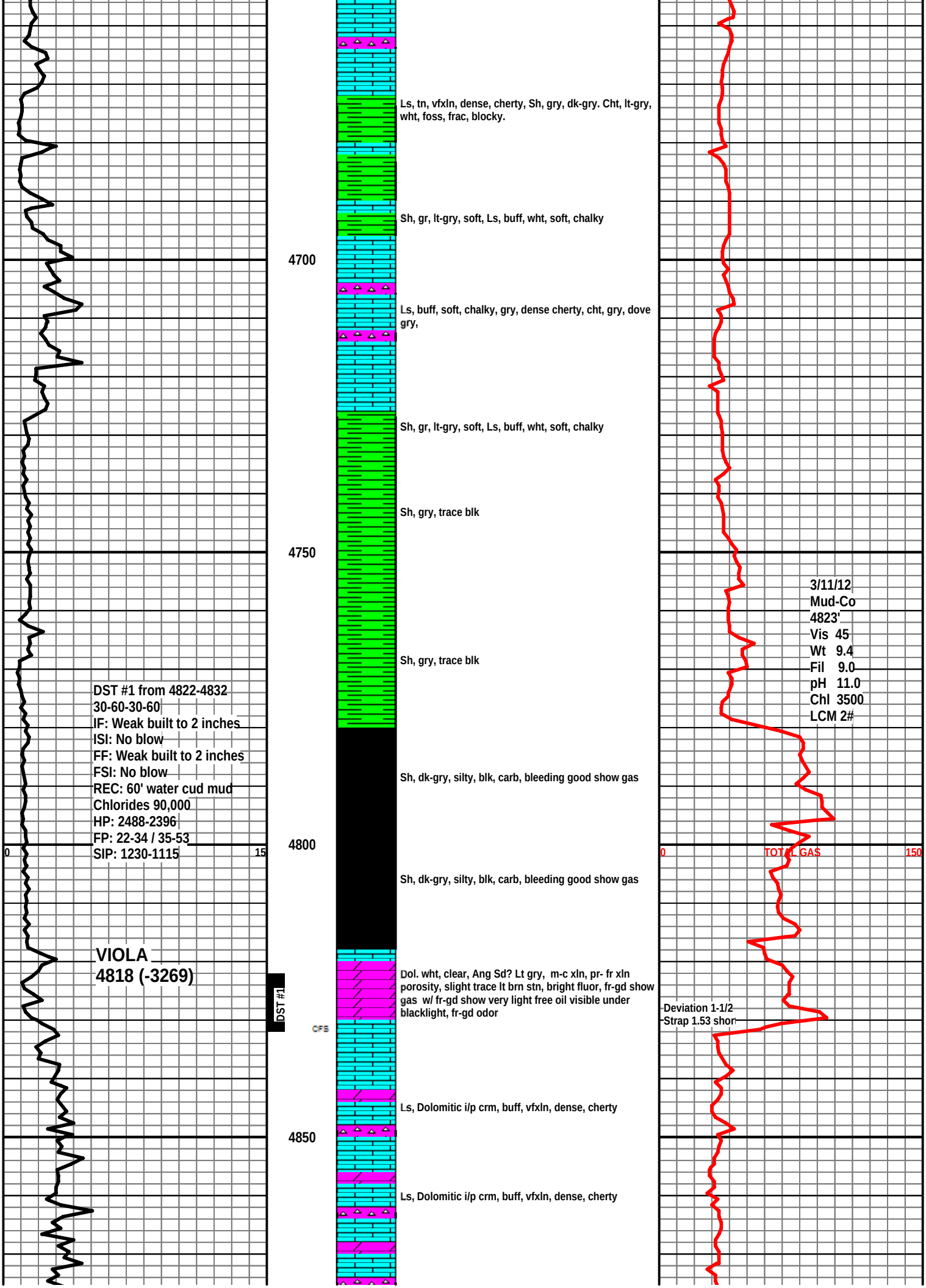

Geologist on Location 3/9/12 Depth 3582'
0
15
HEEBNER SH.
3599 (-2050)
3600
Sh - blk, carb
Ls - tan, brn, dense
Sh - gry, blk
Ls - crm, lt gry, f-m xln, fos, good foss & vuggy porosity, no show
Sh - gry, blk
3650
Sh - gry, blk, silty
Ls - tan, brn, f xln, dense
Sh - gry, silty, w/ Sd - gry, wht, fine grn, well sorted, mica
Sh - gry, silty
3700
Sh - gry, silty
Sd - gry, wht, fine grn, mica i/p, friable
Sd - clr, wht, gry, well sorted, mica, i/p
3750
Sd - clr, wht, gry, well sorted, mica, i/p
0
TOTAL GAS
150

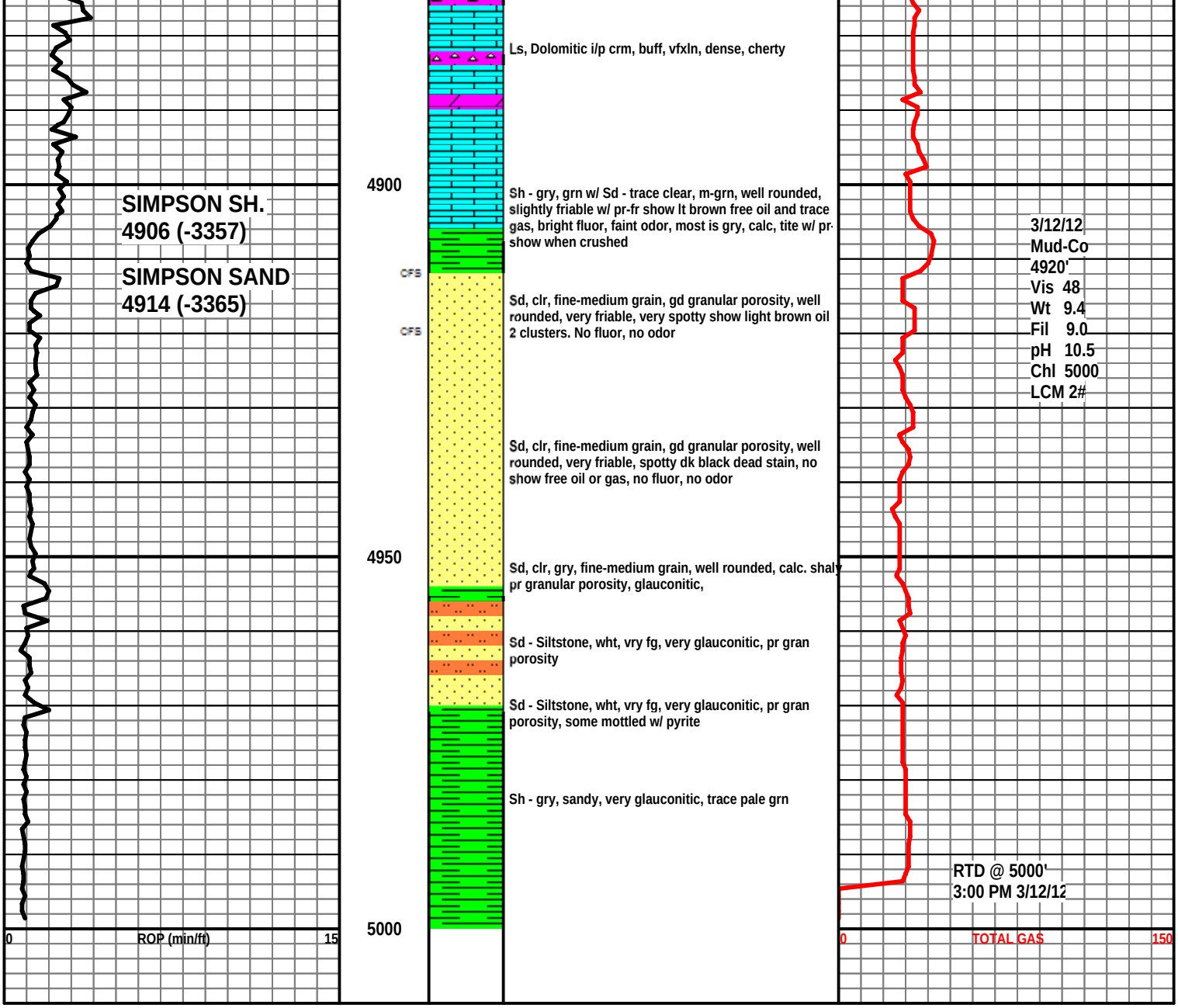

LANSING
3795 (-2246)
0
15
3800
3850
3900
3950
Ls - crm, tan, wht, trace fr vug porosity, chalky
Ls - tan, gry, fxln, dense
Ls - tan, gry, fxln, dense
Ls, crm, tan, fxln, good vug & xln porosity, no show
Ls, tan, gry, dense
Sh, gry, blk
Ls - crm, tan, fxln, pr xln porosity, chalky
Ls - crm, tan, f-m xln, good vug & xln porosity, no show
Ls - tan, gry, fxln, dense
Sh - gry
Ls - tan, gry, fxln, dens
0
TOTAL GAS
150

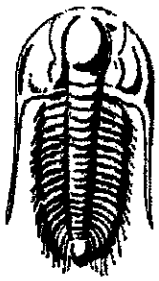

0
ROP (min/ft)
15
4000
Ls - tan, gry, fxln, dense, arg i/p
Ls - tan, gry, fxln, dense
4050
Ls - tan, gry, fxln, dense
Sh, gry, blk
4100
Ls - crm, tan, lt gry, fxln, good vug porosity, no show
Sh - gry, blk
4150
Ls - crm, tan, gry, f-mxln, good vug & xln porosity, no show
Ls - tan, gry, fxln, dense
4200
Ls - tan, lt gry, fxln, w/ fr xln porosity, no show
0
TOTAL GAS
150
3/11/12
Mud-Co
4054'
Vis 46
Wt 9.3
Fil 9.2
pH 11.0
Chl 3000
LCM 0#


STARK SHALE
4256 (-2707)
4250
4300
4350
4400
Ls - tan, lt gry, fxln, w/ fr xln porosity, chalky no show
Sh - blk carb
Ls - tan, lt gry, f-m xln, trace pr-fr vug porosity, scat spotty bright fluor, no stain, no show, no odor
Sh - blk carb
Ls - tan, gry, fxln, pr xln porosity, chalky, scat lt brn spotty stain, spotty bright fluor, trace show gas bubble and oily film when crushed, fair odor.
Ls, tan, gry, brn, fxln, dense
Sh - gry, blk
Sh - gry, blk
Sh - grn, gry, trace blk. Ls - crm, tan dense
Ls - crm, buff, vfxln, dense
Sh, gry, blk
Ls - tan, brn, gry, fxln, dense
Sh - Blak Carb
0
ROP (min/ft)
15
0
TOTAL GA$
150


PAWNEE
4438 (-2889)
CHEROKEE SH.
4488 (-2939)
CHEROKEE SD
4504 (--2955)
MISSISSIPPI
4532 (-2983)
4450
4500
4550
4600
4650
CFS
0
ROP (min/ft)
15
Ls - crm, tan, gry, wht, fxln, dense
Ls - crm, tan, gry, wht, fxln, dense
Sh - Blak Carb
Ls - tan, gry, fxln, dense
Sh - Blak Carb
Sd - wht, lt gry, vf grain, well sorted, very friable, completly oil saturated, gd show light oil, trace - poor show lifeless gas bubbles, strong odor, bright fluor.
Sh - gry, grn, trace trans chert. Still abun Sd from above, bleeding fair to good show brn free oil, bright fluor, strong odor
Cht, pale green, Dolomitic? Wht, blocky, poorly weathered w/ patchy gils stain, trans, tripolitic i/p, even light brn stain, pr-fr show light brn free oil, trace gas. No fluor, fair odor
Cht, wht, weathered, tripolitic i/p, trace fair vuggy porosity, gd pin-point porosity, pr show gas bubbles, fr -gd show brn free oil, dull to spotty bright fluor, strong odor (Oil Film on top of Sample Cup)
Cht, as above. Mostly, Ls, Chty Ls, Dolomitic Ls, green, very glauconitic
Cht, wht, trc foss, mostly devitrified, tripolitic, fr porosity, even brn saturated stain, fr show free oil, fr-gd show gas, brt ylw fluor, good odor
Cht, lt-gry, gry, mott, foss, spicular i/p, most is frac, trace weathered w/ black heavy stn, trace show free oil and gas, dull fluor, faint odor
Cht, gry, foss, spicular, glauc i/p, w/ Ls, crm, tn, dense, cherty
Ls, tn, vfxln, dense, cherty, Sh, gry, dk-gry. Cht, lt-gry, wht, foss, frac, blocky. Still have weathered chert from above, with show.
0
TOTAL GAS
150


Ls, tn, vfxln, dense, cherty, Sh, gry, dk-gry. Cht, lt-gry, wht, foss, frac, blocky.
Sh, gr, lt-gry, soft, Ls, buff, wht, soft, chalky
4700
Ls, buff, soft, chalky, gry, dense cherty, cht, gry, dove gry,
Sh, gr, lt-gry, soft, Ls, buff, wht, soft, chalky
Sh, gry, trace blk
4750
Sh, gry, trace blk
3/11/12
Mud-Co
4823'
Vis 45
Wt 9.4
Fil 9.0
pH 11.0
Chl 3500
LCM 2#
DST #1 from 4822-4832
30-60-30-60
IF: Weak built to 2 inches
ISI: No blow
FF: Weak built to 2 inches
FSI: No blow
REC: 60' water cud mud
Chlorides 90,000
HP: 2488-2396
FP: 22-34 / 35-53
SIP: 1230-1115
0
15
4800
Sh, dk-gry, silty, blk, carb, bleeding good show gas
Sh, dk-gry, silty, blk, carb, bleeding good show gas
0
TOTAL GAS
150
VIOLA
4818 (-3269)
DST #1
CFS
Dol. wht, clear, Ang Sd? Lt gry, m-c xln, pr- fr xln porosity, slight trace lt brn stn, bright fluor, fr-gd show gas w/ fr-gd show very light free oil visible under blacklight, fr-gd odor
Deviation 1-1/2
Strap 1.53 shor
Ls, Dolomitic i/p crm, buff, vfxln, dense, cherty
4850
Ls, Dolomitic i/p crm, buff, vfxln, dense, cherty


Ls, Dolomitic i/p crm, buff, vfxln, dense, cherty
4900
Sh - gry, grn w/ Sd - trace clear, m-grn, well rounded, slightly friable w/ pr-fr show lt brown free oil and trace gas, bright fluor, faint odor, most is gry, calc, tite w/ pr show when crushed
CFS
Sd, clr, fine-medium grain, gd granular porosity, well rounded, very friable, very spotty show light brown oil 2 clusters. No fluor, no odor
CFS
Sd, clr, fine-medium grain, gd granular porosity, well rounded, very friable, spotty dk black dead stain, no show free oil or gas, no fluor, no odor
4950
Sd, clr, gry, fine-medium grain, well rounded, calc. shaly pr granular porosity, glauconitic,
Sd - Siltstone, wht, vry fg, very glauconitic, pr gran porosity
Sd - Siltstone, wht, vry fg, very glauconitic, pr gran porosity, some mottled w/ pyrite
Sh - gry, sandy, very glauconitic, trace pale grn
5000
SIMPSON SH.
4906 (-3357)
SIMPSON SAND
4914 (-3365)
3/12/12
Mud-Co
4920'
Vis 48
Wt 9.4
Fil 9.0
pH 10.5
Chl 5000
LCM 2#
RTD @ 5000'
3:00 PM 3/12/12
0
ROP (min/ft)
15
0
TOTAL GAS
150



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

PO Box 195
Attica, KS 67009

ATTN: Kent Roberts

Traffas B #9

32-32s-10w Barber,KS

Start Date: 2012.03.11 @ 17:53:56
End Date: 2012.03.12 @ 03:31:26
Job Ticket #: 45769 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

ORIGINAL

Printed: 2012.03.15 @ 15:29:17

R & B Oil & Gas 32-32s-10w Barber,KS Traffas B #9 DST # 1 Viola 2012.03.11

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

R & B Oil & Gas

PO Box 195
Attica, KS 67009

ATTN: Kent Roberts

32-32s-10w Barber,KS

Traffas B #9

Job Ticket: 45769 **DST#: 1**

Test Start: 2012.03.11 @ 17:53:56

GENERAL INFORMATION:

Formation: **Viola**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 22:15:56
Time Test Ended: 03:31:26

Test Type: Conventional Bottom Hole (Initial)
Tester: Leal Cason
Unit No: 45

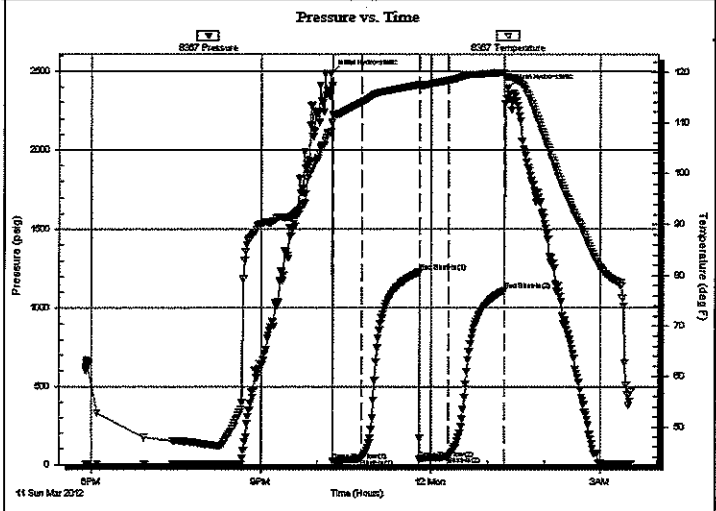
Interval: 4822.00 ft (KB) To 4832.00 ft (KB) (TVD)
Total Depth: 4832.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1549.00 ft (KB)
1539.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8367 **Outside**
Press@RunDepth: 52.56 psig @ 4823.00 ft (KB)
Start Date: 2012.03.11 End Date: 2012.03.12
Start Time: 17:53:57 End Time: 03:31:26

Capacity: 8000.00 psig
Last Calib.: 2012.03.12
Time On Btm: 2012.03.11 @ 22:13:56
Time Off Btm: 2012.03.12 @ 01:21:41

TEST COMMENT: IF: Weak Blow , 2 Inches
ISI: No Blow Back
FF: Weak Blow , 2 inches
FSI: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2488.33	108.17	Initial Hydro-static
2	21.77	111.40	Open To Flow (1)
33	34.22	114.01	Shut-In(1)
94	1230.26	117.52	End Shut-In(1)
94	35.32	117.30	Open To Flow (2)
125	52.56	118.36	Shut-In(2)
184	1114.75	119.98	End Shut-In(2)
188	2395.79	119.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	WCM 20%W 80%M	0.30

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

R & B Oil & Gas

PO Box 195
Attica, KS 67009

ATTN: Kent Roberts

32-32s-10w Barber,KS

Traffas B #9

Job Ticket: 45769 **DST#: 1**

Test Start: 2012.03.11 @ 17:53:56

Tool Information

Drill Pipe:	Length:	4701.00 ft	Diameter:	3.80 inches	Volume:	65.94 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	119.00 ft	Diameter:	2.25 inches	Volume:	0.59 bbl	
					Total Volume:	66.53 bbl	

Drill Pipe Above KB:	18.00 ft
Depth to Top Packer:	4822.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	10.00 ft
Tool Length:	30.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2100.00 lb
Weight set on Packer:	25000.00 lb
Weight to Pull Loose:	90000.00 lb
Tool Chased	ft
String Weight: Initial	74000.00 lb
Final	74000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			4807.00		
Hydraulic tool	5.00			4812.00		
Packer	5.00			4817.00	20.00	Bottom Of Top Packer
Packer	5.00			4822.00		
Stubb	1.00			4823.00		
Recorder	0.00	6798	Inside	4823.00		
Recorder	0.00	8367	Outside	4823.00		
Perforations	6.00			4829.00		
Bullnose	3.00			4832.00	10.00	Bottom Packers & Anchor
Total Tool Length:	**30.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

R & B Oil & Gas

PO Box 195
Attica, KS 67009

ATTN: Kent Roberts

32-32s-10w Barber,KS

Traffas B #9

Job Ticket: 45769 **DST#: 1**

Test Start: 2012.03.11 @ 17:53:56

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:	90000 ppm
Viscosity:	45.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.99 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3500.00 ppm				
Filter Cake:	0.20 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	WCM 20%W 80%M	0.295

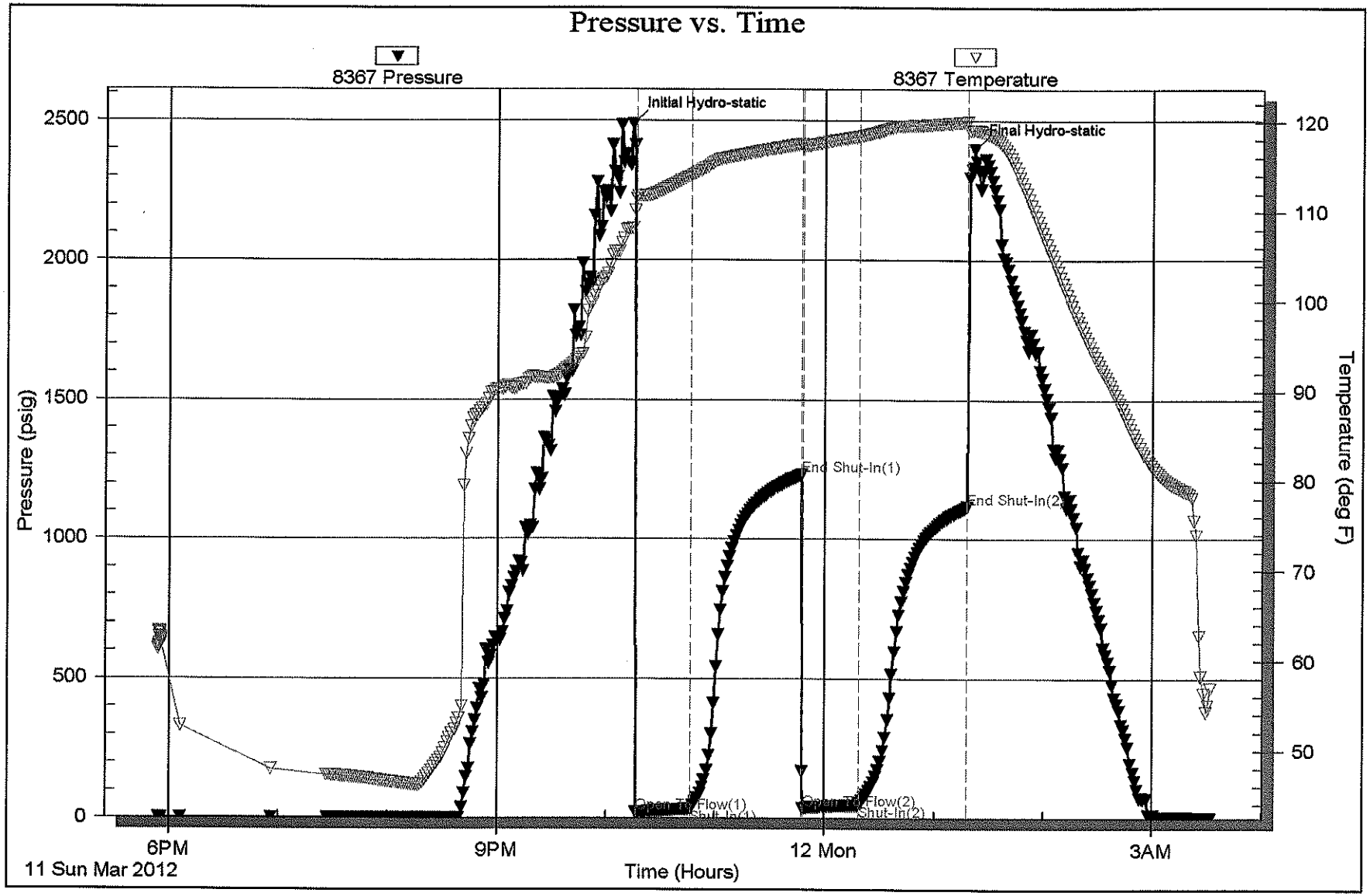
Total Length: 60.00 ft Total Volume: 0.295 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW was .12 @ 52 degrees

Serial #: 8367 **Outside** R & B Oil & Gas Traffas B #9 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 45769 Printed: 2012.03.15 @ 15:29:19