



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1186843
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

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
- Plug Back Conv. to GSW Conv. to Producer
- 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

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical 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

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

1186843

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

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

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

| | |
|--|---|
| 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 List All E. Logs Run: _____ | <input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum |
|--|---|

| 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 |
| <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone | | | | |
| | | | | |

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

| 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: <input type="checkbox"/> Yes <input type="checkbox"/> No |
|----------------|-------|---------|------------|---|

| | |
|---|--|
| Date of First, Resumed Production, SWD or ENHR. | Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____ |
|---|--|

| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |
|-----------------------------------|-----------|---------|-------------|---------------|---------|
| | | | | | |

| | | |
|--|--|---|
| 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> <input type="checkbox"/> Other <i>(Specify)</i> _____ | PRODUCTION INTERVAL: _____ _____ |
|--|--|---|

| | |
|-----------|------------------------|
| Form | ACO1 - Well Completion |
| Operator | HERMAN L. LOEB, LLC |
| Well Name | HINZ 3-26 |
| Doc ID | 1186843 |

Tops

| Name | Top | Datum |
|---------------|------|-------|
| Elgin Shale | 3860 | -1933 |
| Heebner | 4002 | -2075 |
| Lansing | 4192 | -2265 |
| Swope | 4520 | -2593 |
| Marmaton | 4604 | -2677 |
| Mississippian | 4692 | -2765 |
| Kinderhook | 4922 | -2995 |
| Woodford | 4952 | -3025 |
| Viola | 4985 | -3058 |

LITHOLOGY STRIP LOG

WellSight Systems

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

Well Name: HERMAN L. LOEB LLC. HINZ #3-26

Location: NE NE NE SW SEC.26-T32S-R14W, BARBER CO. KANSAS

License Number: 15-007-24091-00-00

Region: ELSEA EAST

Spud Date: 10/11/13

Drilling Completed: 10/21/13

Surface Coordinates: 2,590' FWL, 2,590' FSL

Bottom Hole Coordinates:

Ground Elevation (ft): 1,918'

K.B. Elevation (ft): 1,927'

Logged Interval (ft): 3,200'

To: 5,004'

Total Depth (ft): 5,004'

Formation: Viola

Type of Drilling Fluid: Native Mud /Gel Sweeps To: 3,363'. Chem.Gel To RTD.

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Herman L. Loeb LLC.

Address: PO Box 838

Lawrenceville IL 62439

Phone: 812-453-0385

GEOLOGIST

Name: Jame R. Hall Well Site Supervision

Company: Black Gold Petroleum

Address: 5530 N. Sedgwick

Wichita, Kansas 67204-1828

316-838-2574

Comments

Drilling contractor: Sterling Drilling, Rig #4, Tool Pusher: Lanny Saloga.

Status: 5.5" casing to evaluate the Mississippi.

Surface Casing: 13 3/8" set at 312' w/315sx, cmt. Did circulate.

Drilling Activity:

10/11/13; Move in and Spud.

10/12/13; 315' WOC.

10/13/13; 1,215' drilling.

10/14/13; 2,225' drilling.

10/15/13; 2,930' drilling.

10/16/13; 3,534' drilling.

10/17/13; 4,010' drilling.

10/18/13; 4,456' drilling.

10/19/13; 4,672' (DST #1) Marmaton / Massy, pipe strap 1.36' short to the board.

10/20/13; 4,712' (DST #2) Mississippi Chert.

10/21/13; 4,908' drilling in lower Mississippi.

10/22/13; 5,004' (DST #3) Viola. Run open hole logs.

Deviation Surveys: 1/8 @ 315', 3/4 @ 4,672', 3/4 @ 5,004'.

Bit Record:

#1 17 1/2" out @ 315' in 5.5hrs.

#2 7 7/8" JZ HA20-Q in @ 315', out @ 5,004', made 4,689' in 145.25hrs.

Drilling time commenced: @ 3,200'. Minimum 10' wet and dry samples commenced: @ 3,400' to RTD. Samples delivered to Kansas Geological Sample Library at Wichita, Kansas.

Gas Detector: Sterling Rig unit # 4. Tooke Daq Drilling time and Hotwire gas values were placed on this Plotte Sample Strip log.

Mud System: Mud-Co/Service Mud. Chemical Gel system @ 3,363', Mud Engineer: Brad Bortz.

DST Co. Trilobite Testing Co., Tester: Chris Staats.

Open Hole Logs: Nabors Completaion & Porduction Services Co. (Hays Kansas), Logging Engineer: Jeff Luebbers.

DIL, CDL/CNL/PE, MEL.

E-Log Formation Tops, are placed on the plotted geological report, with the reference wells: "A" Texas Energies Hinz #1-26 SW NE 26-T32S-R14W, "B" Edmiston Elsea #1 S/2 N/2 SW/4 26-T32S-14W and "C" Loeb Hinz #2-26 NW/4 26-T32S-R14W, with datum differences shown.

Note: The Geologic Strip Log was shifted 2', for better correlation with the open hole logs.

DSTs

DST #1 (Marmaton / Massy) 4,615' - 4,672' (57').15-45-30-60, IH 2261, IF 25-47 (weak 1.75inc blow), ISI 132, FF 53-64 (weak 1inc blow), FSI 100, FH 2264, Rec; 70' mud (1%water,99%mud), BHT 1115F.

DST #2 (Miss. Chert) 4,685' - 4,712' (27'), 15-45-45-90, IH 2313, IF 27-46(BOB 2min), ISI 533(No blow), FF 50-80(BOB 10sec.), FSI 494, FH 2316, Rec; 1615' GIP, 95' GWM (20%gas,20%water,60%mud), 120' GMW (5%gas,75%water,25%mud), BHT 120F Rwa 0.39 @ 54F, (@BHT 0.175), chl rec.mud 22,000ppm, chl drl. mud 7,000ppm. Mud Co. check 48,000ppm.


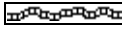
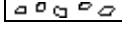
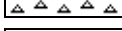
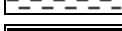






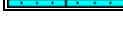

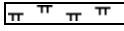

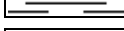

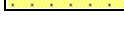





DST #3 (Viola), 4,984' - 5,004' (20'), 15-45-30-60, IH 2511, IF 19-24 (1/2inc. Blow), ISI 19 (no blow), FF 18-24 (1/4in. Blow), FSI 53 (no blow), FH 2520, Rec; 10' mud, BHT 120F.

Other












































































CARBONATE CLASSIFICATION:

AFTER DUNHAM: GRAIN; any fossil, fossil fragment, sand grain, or other rock fragment within the rock. **MUDSTONE;** muddy carbonate rocks containing less than 10% grains. **WACKESTONE;** mud supported carbonate rocks with more than 10% grains. **PACKSTONE;** grain supported muddy carbonate rocks. **GRAINSTONE;** mud free carbonate rock, grain supported. **BOUNDSTONE;** carbonate rock bound together at deposition (coral, etc.). **CRYSTALLINE CARBONATE;** carbonate rock retaining to little of their depositional texture to be classified.

ROCK TYPES

| | | | |
|---|--|--|--|
|  Anhy  Bent  Brec  Cht  Clyst  Coal |  Congl  Sdy dolo  Shy dolo  Dol  Gyp  Sdy lmst |  Lmst  Mrlst  Salt  Shale  Sltst  Ss |  Black sh  Gry sh  Shale  Shysltst  Sitysh |
|---|--|--|--|

ACCESSORIES

| | | | |
|--|--|--|--|
| MINERAL  Anhy  Arg  Bent  Bit  Brecfrag  Calc  Carb  Chtdk  Chtlt  Dol  Ferrpel  Ferr  Glau  Gyp  Marl  Nodule  Phos  Pyr  Salt  Sandy  Silt |  Chlorite  Dol  Sand  Sity FOSSIL  Algae  Amph  Belm  Bioclst  Brach  Bryozoa  Cephal  Coral  Crin  Echin  Fish  Foram  Fossil  Gastro  Oolite  Ostra |  Pelec  Pelloidal  Pisolite  Plant  Strom  Fuss  Oomoldic STRINGER  Anhy  Arg  Bent  Coal  Dol  Gyp  Ls  Mrst  Sltstrg  Ssstrg  Carbsh  Clystn  Dol |  Grysh  Gryslt  Lms  Sandylms  Sh  Sltstn TEXTURE  Boundst  Chalky  Cryxln  Earthy  Finexln  Grainst  Lithogr  Microxln  Mudst  Packst  Wackest |
|--|--|--|--|

Curve Track 1

ROP (min/ft) ———
Gamma (API) - - - -
Caliper (API) ·····

TG, C1-C5

TG (units) ———
C1 (units) - - - -
C2 (units) ·····
C3 (units) ·····
C4 (units) ·····
C5 (units) ·····

Depth

Porosity Type

Lithology

Oil Shows

Geological Descriptions

0 ROP (min/ft) 10
0 Gamma (API) 150
6 Caliper (API) 16

Wob 37K
Rpm 82
Spm 60
Pp 900

0 ROP (min/ft) 10
0 Gamma (API) 150
6 Caliper (API) 16

conn

9.6-30

conn

Wob 38K
Rpm 74
Spm 60
Pp 910

conn

9.7+ - 31

JIM HALL ON LOCATION 10/15/13,
TOOKE DAQ DRILLING TIME
COMMENCED @ 3,150'. RIG
DRILLING TIME COMMENCED @
3,200'.

COMMENCED SAMPLES @ 3,400'

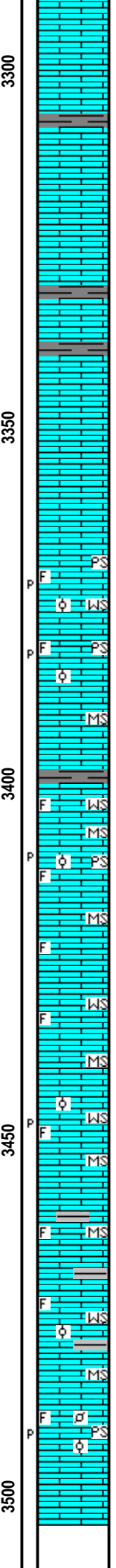
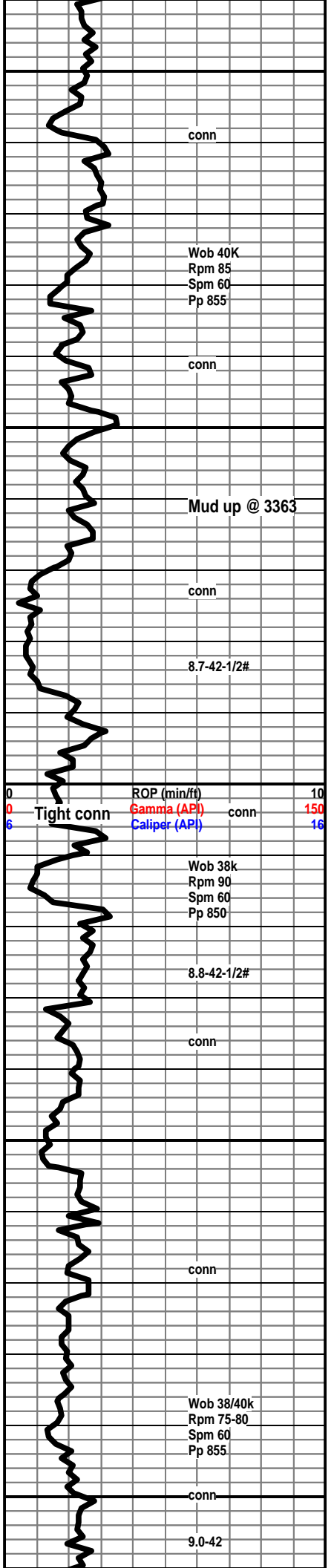
INTERPRETATION OF LITHOLOGY BY DRILLING
TIME ONLY!

Tarkio 3285 (-1358) A-3 B-5 C-21, Not on detail
open hole log.

Annular Velocity used
126 ft/min.

1 10 TG 100 1000

10 TG 100 1000



Packstone / Wackestone; tan, light brown, hard, chalky matrix fossiliferous to fine oolites and micro-oolites, no show dull yellow-gold mineral fluorescence, rare barren porosity in the dry.

Mudstone; cream to tan, hard, most chalky matrix, tight in wet, some fossil fragments, sample quality is poor, much shale carvings in the samples.

Shale; gray, black to gray-green, hard to soft.

Packstone / Wackestone; fossiliferous to micro-oolitic, hard tight looking in wet, dull mineral fluorescence, scattered bright yellow fluorescence, no show.

Mudstone; cream to tan, chalky, hard, occasionally crystalline some fossiliferous, tight looking in wet, dull fluorescence, scattered bright yellow mineral fluorescence on cream fine crystalline to sandy looking hard wackestone no show.

Mudstone; most as above, no show, still poor sample quality, much shale cavings.

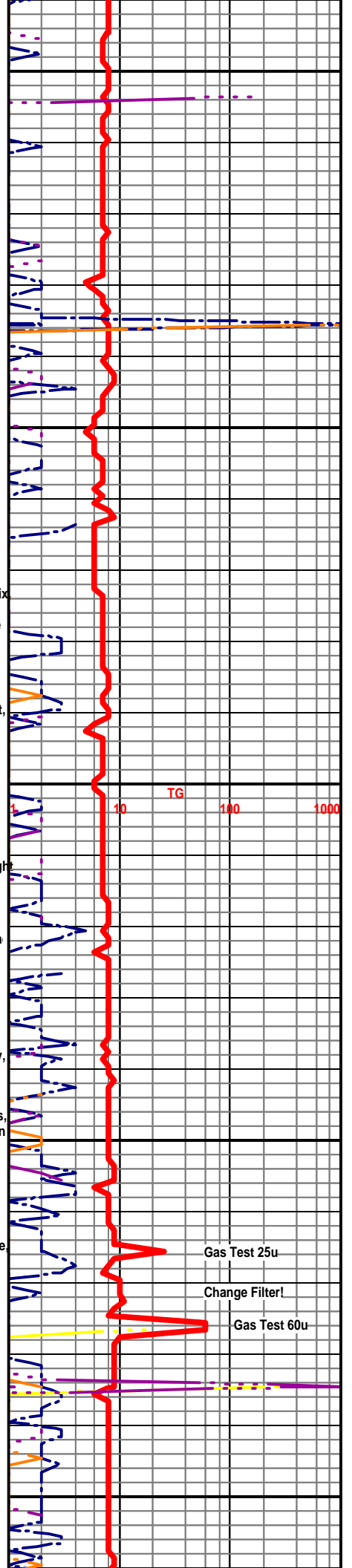
Wackestone; fossiliferous to sub-oolitic, some pelets, pellets, tight looking in wet, most chalky matrix, no show, rare barren porosity in the dry.

Mudstone; cream to light gray, chalky, fossiliferous to micro-oolitic Wackestone, no show, looks tight in wet sample quality very poor, large influx of shale and shale cavings!

Most as above, very poor quality sample.

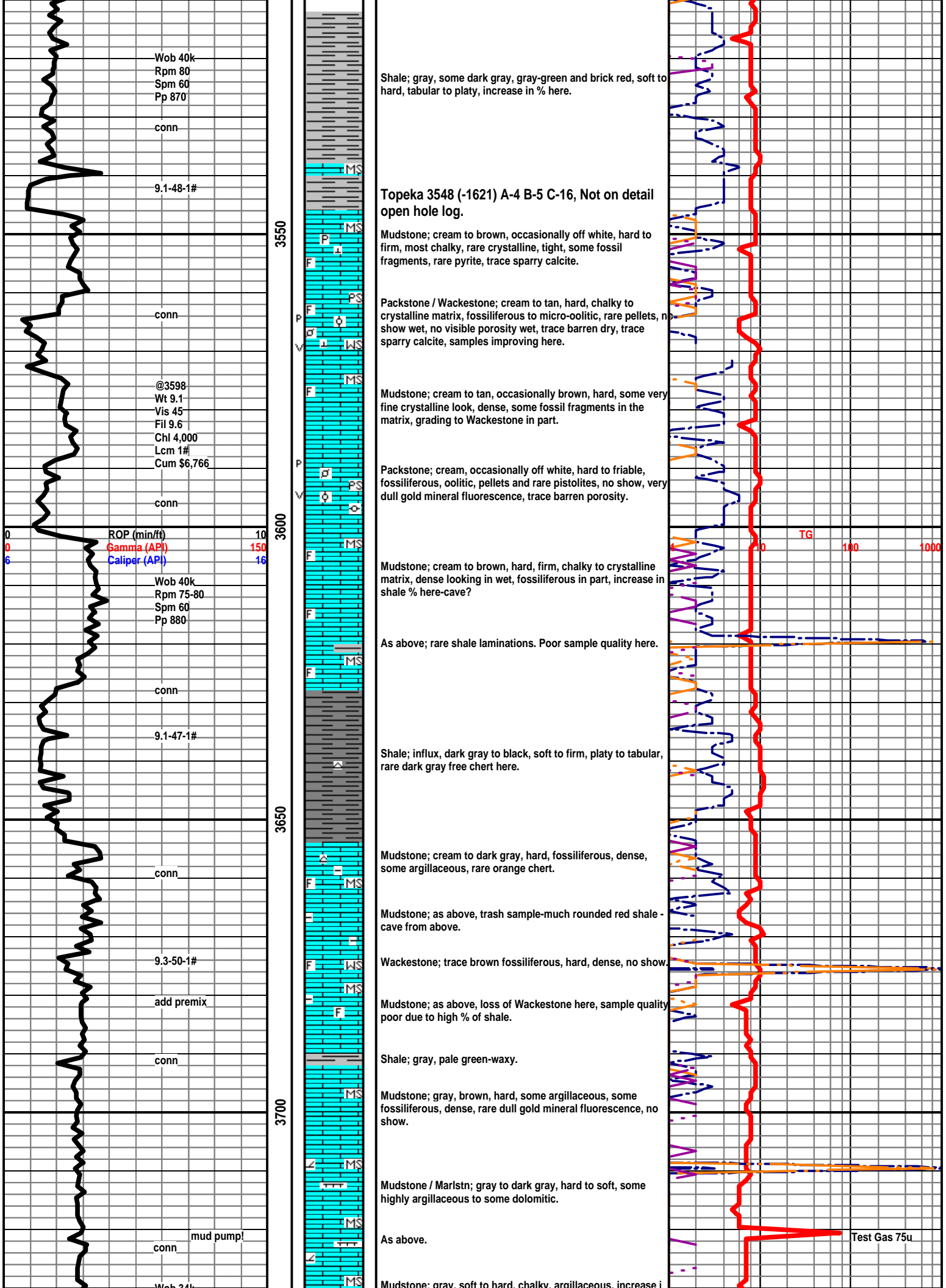
Packstone; cream to tan, hard, most crystalline tight looking matrix in the wet, rare barren porosity in the dry, no show, fossiliferous, to oolitic and pellets.

No sample.



TG 10 100 1000

Gas Test 25u
 Change Filter!
 Gas Test 60u



Wob 40k
Rpm 80
Spm 60
Pp 870

conn

9.1-48-1#

conn

@3598
Wt 9.1
Vis 45
Fil 9.6
Chl 4,000
Lcm 1#
Cum \$6,766

conn

ROP (min/ft) 10
Gamma (API) 150
Caliper (API) 16

Wob 40k
Rpm 75-80
Spm 60
Pp 880

conn

9.1-47-1#

conn

9.3-50-1#

add premix

conn

conn mud pump!

Wob 24k

Shale; gray, some dark gray, gray-green and brick red, soft to hard, tabular to platy, increase in % here.

Topeka 3548 (-1621) A-4 B-5 C-16, Not on detail open hole log.

Mudstone; cream to brown, occasionally off white, hard to firm, most chalky, rare crystalline, tight, some fossil fragments, rare pyrite, trace sparry calcite.

Packstone / Wackestone; cream to tan, hard, chalky to crystalline matrix, fossiliferous to micro-oolitic, rare pellets, no show wet, no visible porosity wet, trace barren dry, trace sparry calcite, samples improving here.

Mudstone; cream to tan, occasionally brown, hard, some very fine crystalline look, dense, some fossil fragments in the matrix, grading to Wackestone in part.

Packstone; cream, occasionally off white, hard to friable, fossiliferous, oolitic, pellets and rare pistolites, no show, very dull gold mineral fluorescence, trace barren porosity.

Mudstone; cream to brown, hard, firm, chalky to crystalline matrix, dense looking in wet, fossiliferous in part, increase in shale % here-cave?

As above; rare shale laminations. Poor sample quality here.

Shale; influx, dark gray to black, soft to firm, platy to tabular, rare dark gray free chert here.

Mudstone; cream to dark gray, hard, fossiliferous, dense, some argillaceous, rare orange chert.

Mudstone; as above, trash sample-much rounded red shale - cave from above.

Wackestone; trace brown fossiliferous, hard, dense, no show.

Mudstone; as above, loss of Wackestone here, sample quality poor due to high % of shale.

Shale; gray, pale green-waxy.

Mudstone; gray, brown, hard, some argillaceous, some fossiliferous, dense, rare dull gold mineral fluorescence, no show.

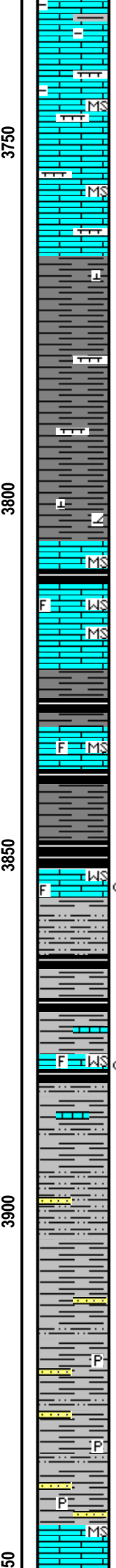
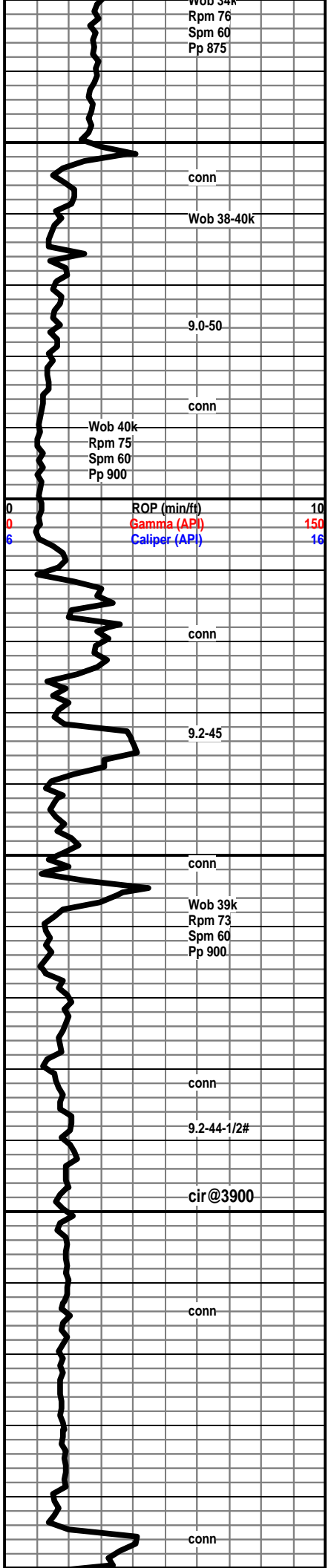
Mudstone / Marlstn; gray to dark gray, hard to soft, some highly argillaceous to some dolomitic.

As above.

Mudstone; gray, soft to hard, chalky, argillaceous, increase i

TG 0 100 1000

Test Gas 75u



free shale-cave?

Marlstn; gray, dark gray, hard to soft, blocky to tabular, mixed with occasional dark brown to gray Mudstones with rare fossil fragments in the matrix, no show, and shales.

Sample as above, no real change here.

Shale; increase in dark gray, gray and black, soft to firm, tabular to platy, some blocky, some calc.

Shale; dark gray, gray, to black, soft to hard, platy to tabular, some blocky, some marlstn.

Shale; most as above, calc to slightly calc-dolomitic.

Lecompton 3812 (-1885) A+20 B-3 C-17

Shale; small influx, black-carb, slightly gassy.

Mudstone to fossiliferous Wackestone; gray some mottled off white, brown, tight look wet, no show.

Shale; gray, dark gray to black with visible gas bubbles.

Mudstone; gray-chalky, brown to tan-fossiliferous, tight looking some crystalline matrix, no show, trace very dull gold mineral fluorescence.

Shale; gray, dark gray, pale green and black-gassy shale when broken.

Wackestone; brown, cream, crystalline matrix, fossiliferous, looks tight, 3 samples with residual ring cut, no odor, no visible oil.

Elgin Shale 3860 (-1933) A+24 B-5 C-23

Shale; gray some silty, dark gray and black-carb some with visible gas bubbles when broken.

Wackestone; brown, hard, tight, fossiliferous in part, 3 samples with residual ring cut, no odor, no visible oil.

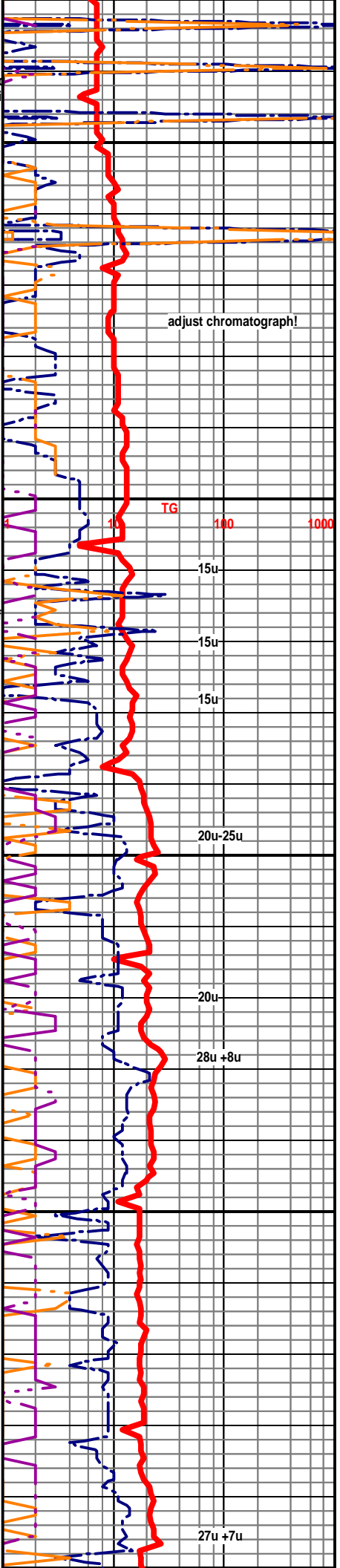
Shale as above some carbonaceous-gassy, some silty to smooth, rare pyrite, scattered brown Wackestone and Mudstone.

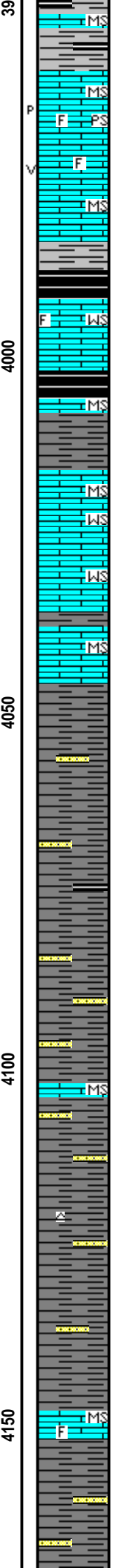
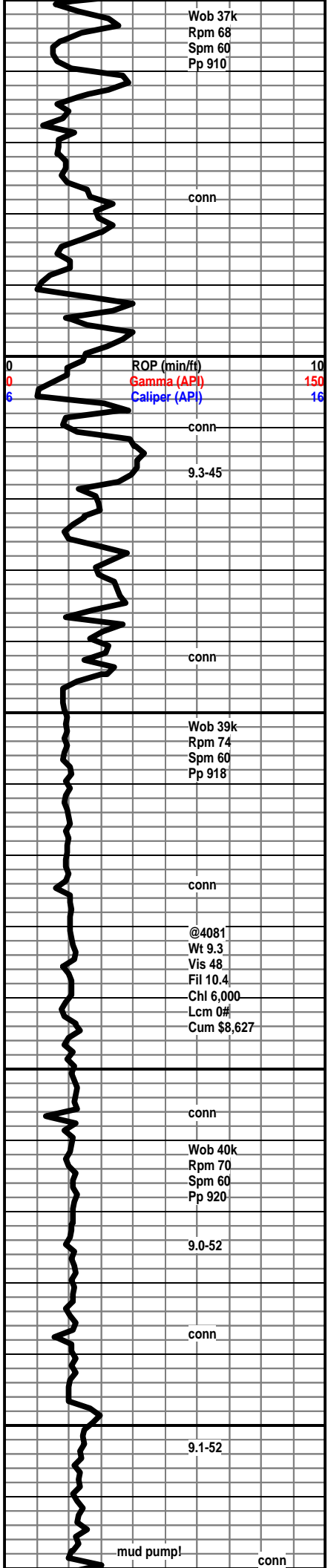
Shale; gray, light gray, to dark gray, some arenaceous, traces light gray ufg argillaceous sandstone-tight, some micaceous shales.

Shale; as above, some smooth, rare pyrite.

Shale; gray, light gray, some arenaceous, some micaceous, some laminated, Scattered ufg sandstone, argillaceous, hard, no show.

Mudstone; gray, brown to off white, chalky, dense.





Shale; gray, black-carbonaceous.

Packstone; cream, buff and off white, hard to brittle, some friable, fossiliferous, chalky to crystalline matrix, barren porosity in the dry sample, no show, dull blue mineral fluorescence.

Mudstone; cream to buff, hard, chalky to some crystalline, dense.

Shale; gray, to dark gray.

Shale; black-carb. most soft, no visible gas bubbles.

Mudstone to fossiliferous Wackestone; tight, no shows.

Heebner 4002 (-2075) A-15 B-1 C-13

Shale; black, carbonaceous-gassy.

Shale; gray, drak gray to black.

Wackestone; fossiliferous, tight matrix, brown to off white, mixed with chalky Mudstone, no show wet.

Wackestone; off white, oolitic to fossiliferous, hard to firm, chalky to crystalline matrix, mixed with Mudstone, no show in wet.

Shale; gray, dark gray to black, very colored in part.

Mudstone; tan, light gray to occasionally brown, tight.

Shale; gray, dark gray, soft to firm, earthy to smooth texture, some gry-green sub wxy, scattered, light gray vfg sandstone, wlstrd, wlcons, rare glauc, tight looking-no show, some shale are also arenaceous.

Shale; most as above, influx black carbonaceous here. Still carry brown to off white mudstones and wackestones- cave? -no shows.

Shale; gray, dark gray, some arenaceous, some micaceous, Scattered ufg to fg sandstone, light gray, rare glauc, some micaceous, tight, no show.

Mudstone; cream, brown, some fossiliferous, no show.

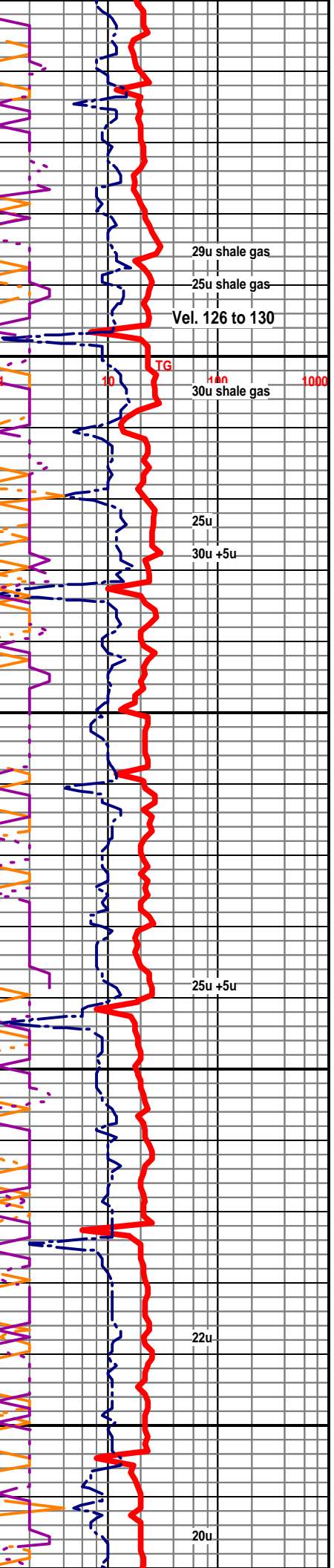
Shale; gray, some arenaceous, scattered light gray uf-fg sandstone, tight, wlcons, some micaceous to argillaceous, no show.

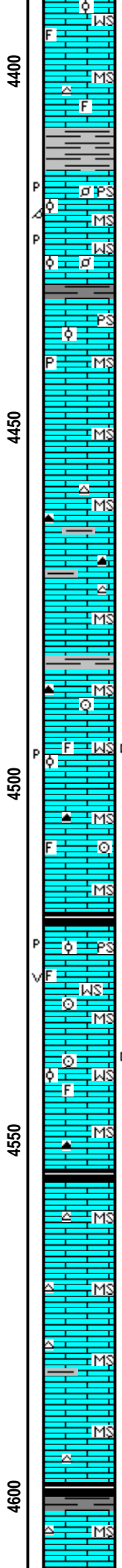
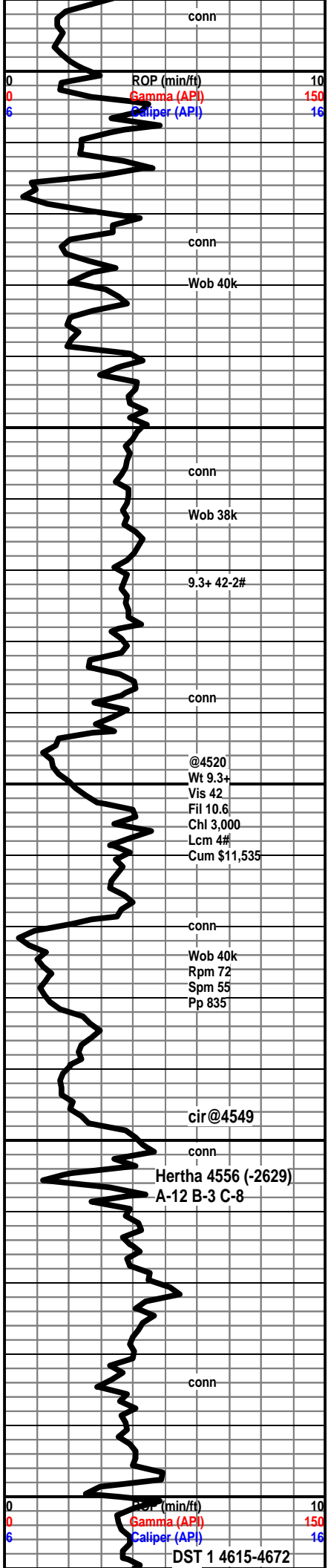
Shale; as above, no real change here, trace brown blocky chert.

Mudstone; brown, cream, off white, hard, crystalline to chalky matirx, fossiliferous in part, tight.

Shale; gray, dark gray, scattered light gray ufg-fg sandstone, micaceous in part, some argillaceous.

Lower Sand 4169 (-2242) A-10 B+8 C-10





Wackestone; cream to buff, some light gray, most chalky, fossiliferous to micro-oolitic inprt, no show in the wet sample.

Mudstone; gray, light gray, some brown, dense, some fossiliferous inprt.

Packstone; oolitic to pelloidal, hard to firm, chalky to crystalline matrix, barren porosity, no show, no cut on selected samples.

Wackestone; oolitic to pelloidal, hard, most with crystalline matrix, no show, barren porosity.

Packstone; light gray, crystalline matrix, oolitic, looks tight in the wet, no show, dull mineral fluorescence only

Mudstone; off white, cream, most chalky matrix, hard to brittle dense.

Mudstone; gray to brown, hard, chalky to crystalline matrix, large influx % gray and very colored shale-cave?

Mudstone as above, slight decrease in % shale here, sample quality very poor!

Loss of chert here, shale is gray, dark gray and black mixed with very colored shales-cave?

Mudstone; cream to brown, some gray, hard, chalky to crystalline matrix, fossiliferous inprt, brown chert.

Wackestone; hard, crystalline matrix, fossiliferous to micro-oolitic, dense look wet, no show, rare black wormy stain.

Mudstone; cream to gray and brown, hard, to firm, chalky to crystalline, fossiliferous inprt, no show.

Swope 4520 (-2593) A-12 B-1 C-12

Shale; hard, blocky carbonaceous-gassy.

Wackestone / Packstone; off white, micro-fossiliferous to micro-oolitic, chalky matrix, looks tight in wet, hard to friable, sandy appearance, no show, no cut on selected samples, no odor, no visible gas bubbles, no stain, small barren porosity in dry sample.

Mudstone; cream, tan, light gray, hard, most chalky, scattered Wackestone-no show, rare black wormy stain-no cut, dense look in wet.

Mudstone; cream, hard to brittle, chalky to crystalline, dense rare black chert.

Shale; black carbonaceous, soft to hard, some gassy.

Mudstone; cream to buff, hard to brittle, chalky to crystalline matrix, dense, trace off white to mottled light gray chert.

Mudstone; cream to tan, hard to brittle, crystalline to chalky, dense, cream free chert, and rare off white fossiliferous chert.

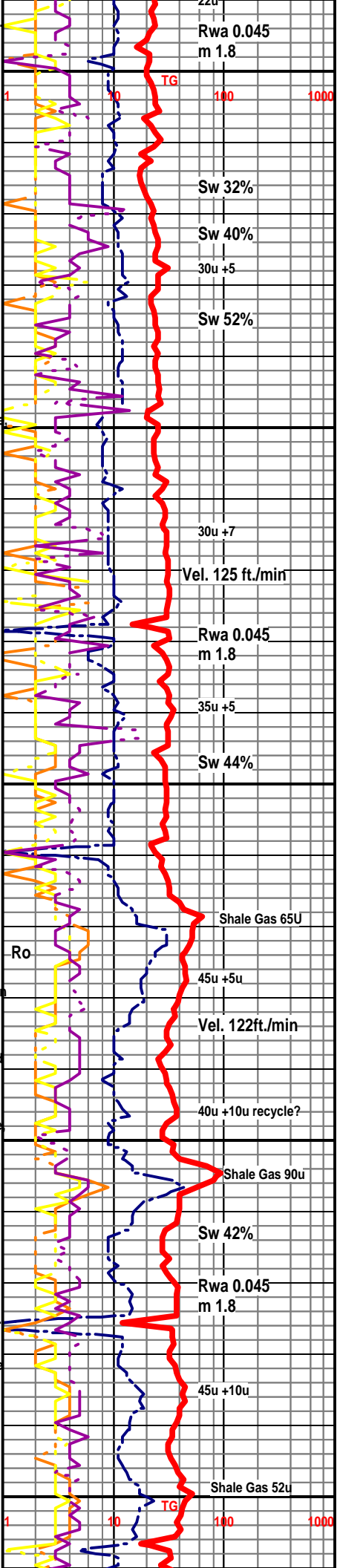
Mudstone; aa, trace cream with dark fossil inclusions, increase in dark to black shale here.

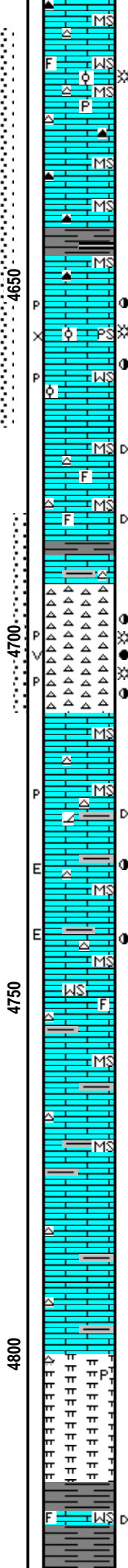
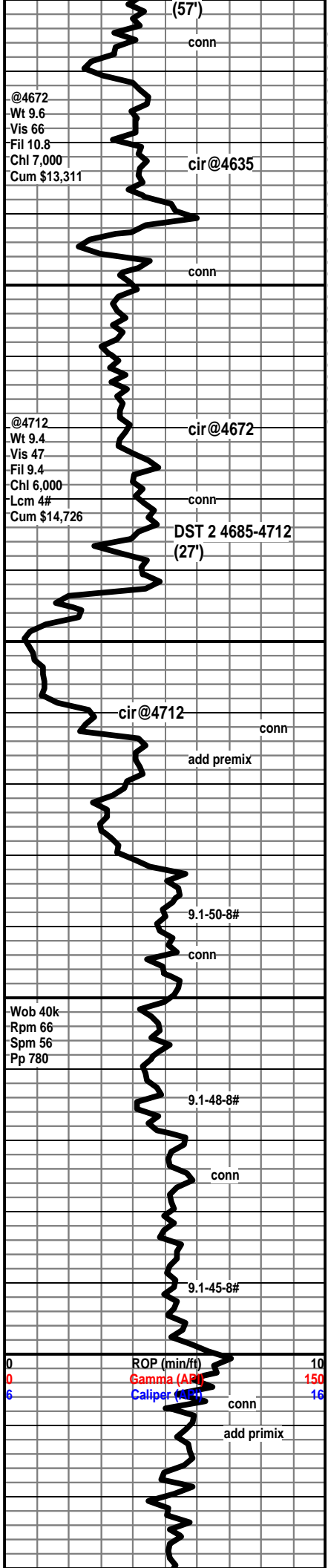
Mudstone; aa, influx light gray, hard-silky crystalline, dense, cream and light gray chert.

Marmaton 4604 (-2677) A-10 B-3 C-4

Shale; black-carb, gassy when broken.

Mudstone; cream to gray, dense





Wackestone; cream, some mott-tan, firm, foss to micro-ool inprt, very faint odor, no sample show.

Mudstone; cream, tan, hard to brittle, chalky to crystalline-silky, free blk and light chery, rare pyr.

Mudstone; aa, scattered free black blocky chert.

Massy 4646 (-2719) A-14 B-3 C+1

Wackestone / Packstone; fine oolitic to micro-oolitic, hard to brittle, chalky to crystalline matrix inprt, visible scattered porosity with brown to dark brown stain, rare rainbow look, rare droplets on oil in pore space, yellow fluorescence with instant milky cut, no odor, no free oil in the tray, no visible bleeding gas, looks to tight to give up much fluid.

Mudstone; cream to buff, hard to brittle, chalky to silky smooth-crystalline, fossiliferous inprt, rare free chert, dense looking, much shale cave in samples after DST-1.

AA; rare black dead stain on edges.

Miss. 4692 (-2765) A-22 B-13 C+14

Chert; off white, bone white to opaque, some tan, most fresh, some with weathered edges with stain and droplets of oil, some tripolitic with even brown stain with bleeding oil and ge rare small vuggy porosity most pinpoint, dull gold fluorescence, instaant white-yellow cut, faint odor, rare free c droplets in the tray, rare weathered surfaces with no stain.

Mudstone; cream to gray-green, chalky, smooth texture to crystalline matrix., fresh chert, show chert from above, trace brown-crystalline look, some dolomitic lime,

Mudstone; cream to light gray, some gray-green, rare brown-crystalline, trace mudstone with even to spotty stain, residual cut, no visible oil, rare visible porosity, show chert from above, rare bone white oolitic chert.

AA; increase in gray-green Mudstone; occ fossiliferous Wackestone, some spotty brown stain, residual cut, no visible live oil, aa 40% shale-cave?

Wackestone influx, cram to off white-mineral fluorescence, hard, chalky to crystalline, fossiliferous inprt, 40% shale here, trace of old chert show here-cave.

Mudstone; off white, soft-chalky, some brown-chalky very soft, 50% shale, dark gray, black, gry-green, some slightly calc-cave?

As above, no real change here.

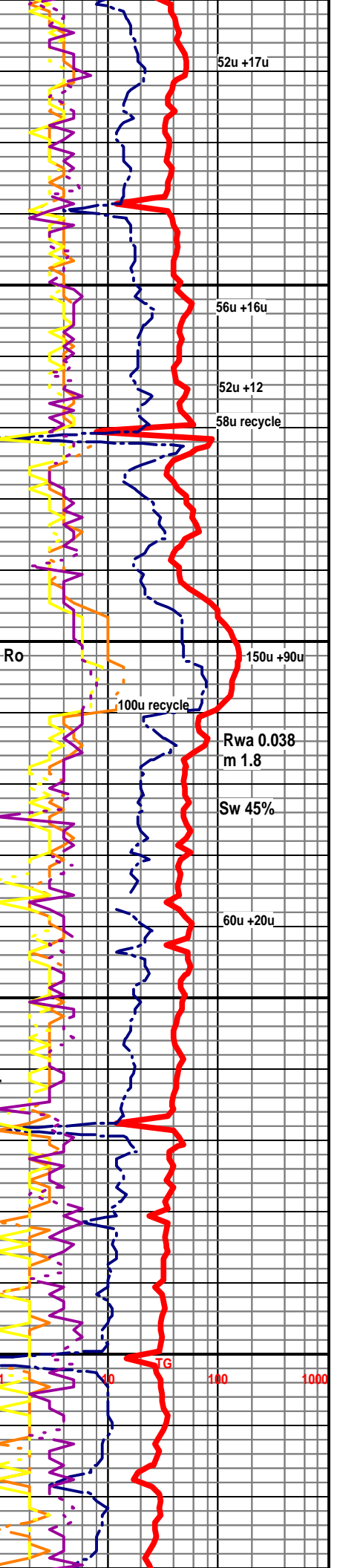
Mudstone; as above, with shale; 60%, hard to firm, occasionally soft, blocky to platy, some with pyrite inclusions gray, dark gray, gray-green, some slightly calcareous, are we dealing with sloughing shales?

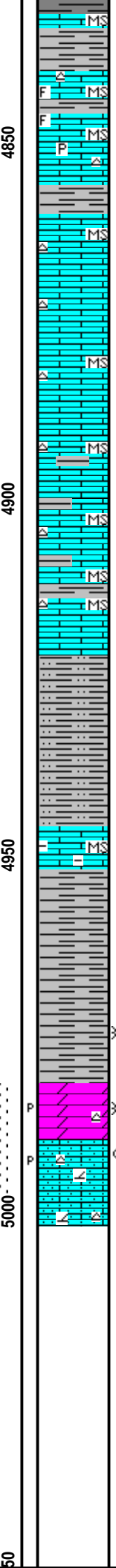
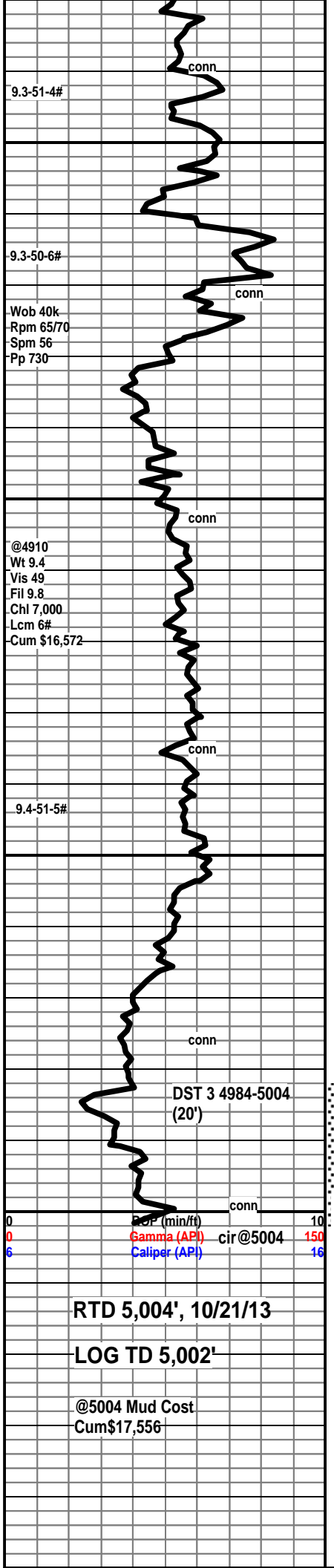
As above opaque free chert.

Marlstn; dark gray, blocky to tabular, hard, rare pyrite, some free chert.

Marlstn; as above, influx, gray-green slightly calcareous shales here.

Shale; dark gray, black, to gray-green, some slightly calcareous, influx Wackestone; cream firm, fossiliferous inprt with rare spotty stain-no cut, looks dense.





Shale; gray, gray-green, firm to hard, platy, smooth, most non-calcareous.

Mudstone; cream to brown, chalky, fossiliferous inprt, tight, bone white to blue gray free chert.

Mudstone; cream to buff, occasionally brown, chalky some crystalline-silky, tight.

Shale; pale green here, sub waxy.

Mudstone; cream to tan, occasionally brown, hard to brittle, some chalky soft, most with chalky matrix, some silky crystalline, dense looking in wet, white to gray free chert, still high % of shale in the samples.

Mudstone; cream, gray, to tan, most chalky matrix, trace free chert.

Mudstone; aa, increase in gray, black and pale green shales here, cave?

Mudstone; cream to brown, some off white, most, chalky, rare pale green chert, Shale aa-cave?

Kinderhook 4922 (-2995) A-11 B-9

Shale; small influx gray, soft some laminated with siltstone, some with micaceous material in the matrix, with pale green sub waxy shale.

Shale; increase gray silty inprt, influx very soft claystone, gray in color, samples wash heavy gray here, mixed with pale green sub waxy and dark gray shales.

Mudstone; slight increase in soft cream, and light gray, some look argillaceous.

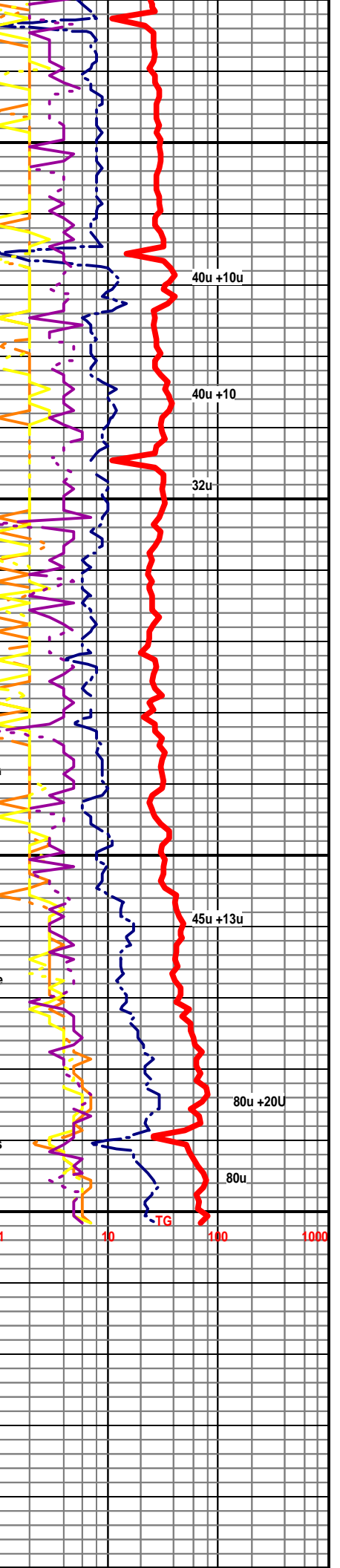
Woodford 4952 (-2995) A-11 B-9

Shale; gray, gray-green (sub waxy), small influx very soft brown shale, samples still wash heavy gray.

Shale; increase in brown, earthy, soft to firm, some with visible gas bubbles, one sample with very faint odor.

Viola 4985 (-3058) A-12 B-12, Not Reached W/E-log.

Dolomite; light gray, gritty-vf sucrosic, friable to very hard, some with spotty brown and black stain, some with chert inclusions, mixed with a sandy light gray dolomitic Wackestone white spotty show, free chert and chert inclusions with weathered edges and spotty show, rare bleeding sample, rare pinpoint porosity with stain, yellow fluorescence and milky cut, faint sample odor in the dolomite and sandy dolomitic lime, majority of Dolomite, (sandy) Dolomitic Wackestone and chert have no show.



RTD 5,004', 10/21/13

LOG TD 5,002'

@5004 Mud Cost
Cum\$17,556



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Herman L Loeb LLC

26-32-14 Barber Co

Po Box 838
Lawrenceville IL 62439

Hinz #3-26

Job Ticket: 52440

DST#: 1

ATTN: George Payne/ Jim Ha

Test Start: 2013.10.19 @ 05:15:37

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:52:52

Time Test Ended: 14:47:37

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Staats

Unit No: #47

Interval: 4615.00 ft (KB) To 4672.00 ft (KB) (TVD)

Reference Elevations: 1927.00 ft (KB)

Total Depth: 4672.00 ft (KB) (TVD)

1918.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: 8676 Outside

Press @ Run Depth: 64.07 psig @ 4616.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.10.19 End Date: 2013.10.19

Last Calib.: 2013.10.19

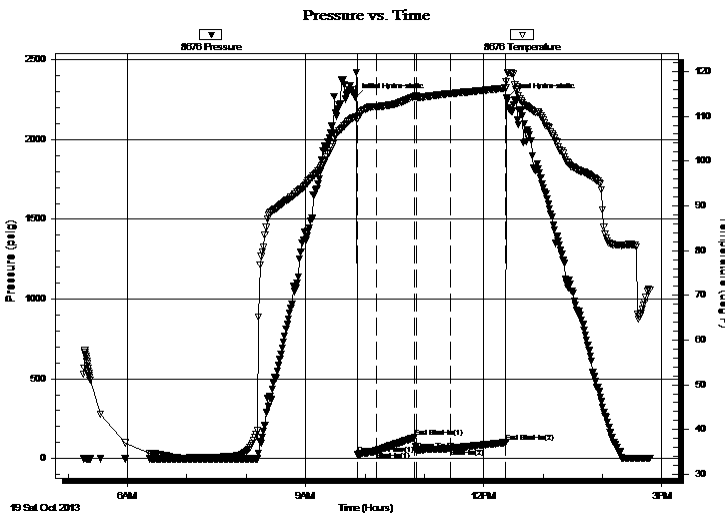
Start Time: 05:15:42 End Time: 14:47:37

Time On Btm: 2013.10.19 @ 09:50:07

Time Off Btm: 2013.10.19 @ 12:23:37

TEST COMMENT: IF: Weak blow 1 3/4"
IS: No blow back
FF: Weak blow 1"
FS: No blow back

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2261.80 | 109.79 | Initial Hydro-static |
| 3 | 25.24 | 109.63 | Open To Flow (1) |
| 21 | 47.90 | 112.16 | Shut-In(1) |
| 61 | 132.07 | 114.43 | End Shut-In(1) |
| 62 | 53.41 | 114.40 | Open To Flow (2) |
| 97 | 64.07 | 115.07 | Shut-In(2) |
| 152 | 100.56 | 116.27 | End Shut-In(2) |
| 154 | 2264.49 | 119.66 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|---------------------|--------------|
| 70.00 | W,M 1%water 99% mud | 0.34 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Herman L Loeb LLC

26-32-14 Barber Co

Po Box 838
Lawrenceville IL 62439

Hinz #3-26

Job Ticket: 52440

DST#: 1

ATTN: George Payne/ Jim Ha

Test Start: 2013.10.19 @ 05:15:37

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: 42.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.57 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbbl |
|--------------|---------------------|----------------|
| 70.00 | W,M 1%water 99% mud | 0.344 |

Total Length: 70.00 ft Total Volume: 0.344 bbl

Num Fluid Samples: 0

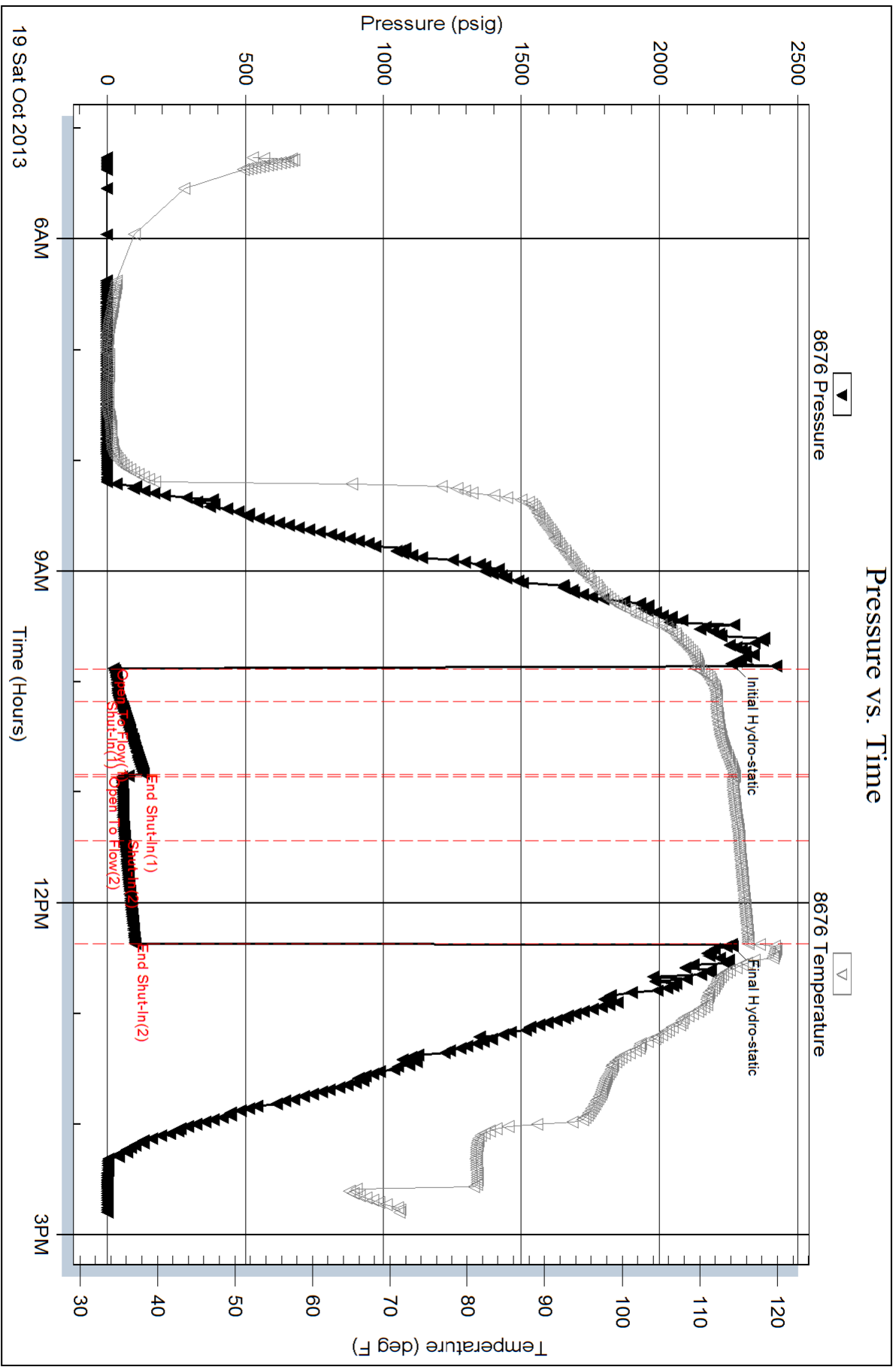
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Herman L Loeb LLC
 Po Box 838
 Law renceville IL 62439
 ATTN: George Payne/ Jim Ha

26-32-14 Barber Co
Hinz #3-26
 Job Ticket: 52441 **DST#: 2**
 Test Start: 2013.10.20 @ 01:17:20

GENERAL INFORMATION:

Formation: **Missippi**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 03:54:50
 Time Test Ended: 09:29:20
 Interval: **4685.00 ft (KB) To 4712.00 ft (KB) (TVD)**
 Total Depth: 4712.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Chris Staats
 Unit No: #47
 Reference Elevations: 1927.00 ft (KB)
 1918.00 ft (CF)
 KB to GR/CF: 9.00 ft

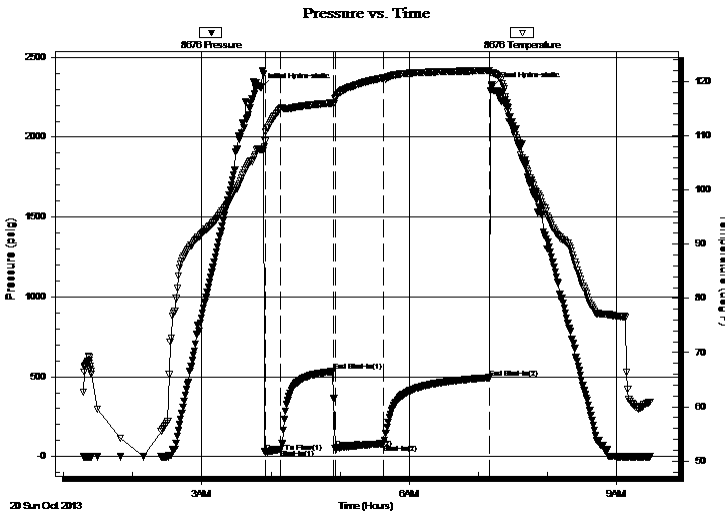
Serial #: 8676

Outside

Press @ Run Depth: 80.32 psig @ 4686.00 ft (KB)
 Start Date: 2013.10.20 End Date: 2013.10.20
 Start Time: 01:17:25 End Time: 09:29:19
 Capacity: 8000.00 psig
 Last Calib.: 2013.10.20
 Time On Btm: 2013.10.20 @ 03:51:35
 Time Off Btm: 2013.10.20 @ 07:11:50

TEST COMMENT: IF: Strong blow BOB 2 min
 IS: No blow back
 FF: Strong blow BOB 2 sec
 FS: weak blow back 2"

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2313.39 | 107.41 | Initial Hydro-static |
| 4 | 27.74 | 109.01 | Open To Flow (1) |
| 17 | 46.61 | 114.93 | Shut-In(1) |
| 63 | 533.89 | 116.05 | End Shut-In(1) |
| 65 | 50.47 | 116.97 | Open To Flow (2) |
| 107 | 80.32 | 120.69 | Shut-In(2) |
| 198 | 494.43 | 122.03 | End Shut-In(2) |
| 201 | 2316.65 | 121.63 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------------------------|--------------|
| 0.00 | 1615 GIP | 0.00 |
| 95.00 | G,W,M 20%gas 20%w ater 60%mud | 0.47 |
| 120.00 | G,M,W 5%gas 25%mud 75%w ater | 0.68 |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Herman L Loeb LLC

26-32-14 Barber Co

Po Box 838
Lawrenceville IL 62439

Hinz #3-26

Job Ticket: 52441

DST#: 2

ATTN: George Payne/ Jim Ha

Test Start: 2013.10.20 @ 01:17:20

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:

22000 ppm

Viscosity: 66.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbbl |
|--------------|------------------------------|----------------|
| 0.00 | 1615 GIP | 0.000 |
| 95.00 | G,W,M 20%gas 20%water 60%mud | 0.467 |
| 120.00 | G,M,W 5%gas 25%mud 75%water | 0.681 |

Total Length: 215.00 ft Total Volume: 1.148 bbl

Num Fluid Samples: 0

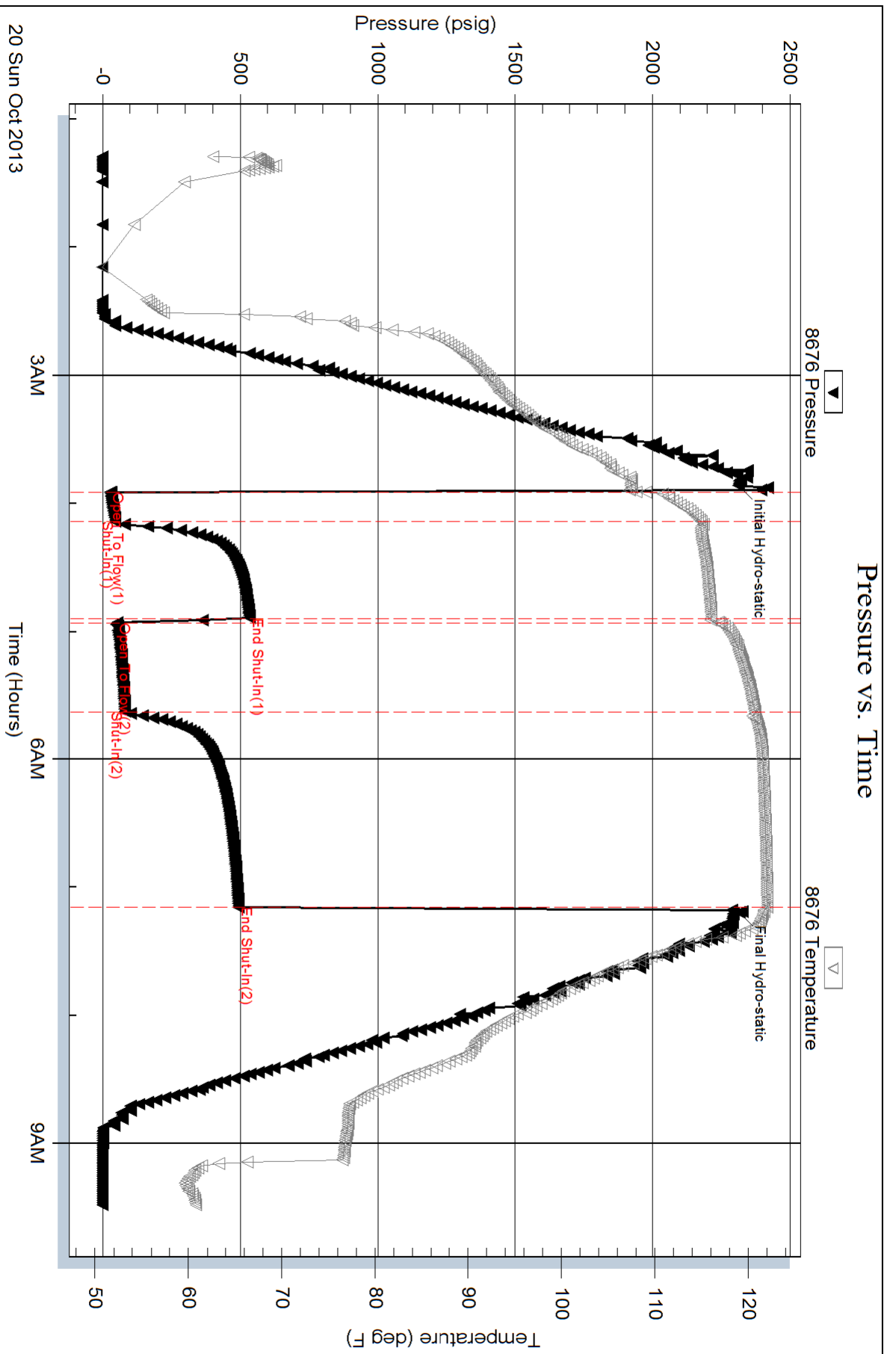
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Herman L Loeb LLC
 Po Box 838
 Law renceville IL 62439
 ATTN: George Payne/ Jim Ha

26-32-14 Barber Co
Hinz #3-26
 Job Ticket: 52442 **DST#: 3**
 Test Start: 2013.10.21 @ 20:58:21

GENERAL INFORMATION:

Formation: **Viola**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 01:15:51
 Time Test Ended: 06:46:06
 Interval: **4984.00 ft (KB) To 5004.00 ft (KB) (TVD)**
 Total Depth: 5004.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Chris Staats
 Unit No: #47
 Reference Elevations: 1927.00 ft (KB)
 1918.00 ft (CF)
 KB to GR/CF: 9.00 ft

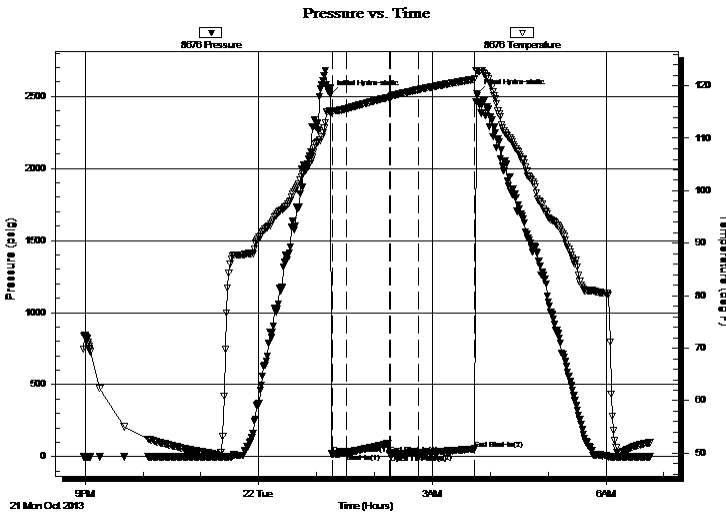
Serial #: 8676

Outside

Press @ Run Depth: 24.60 psig @ 4985.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.10.21 End Date: 2013.10.22 Last Calib.: 2013.10.22
 Start Time: 20:58:26 End Time: 06:46:06 Time On Btm: 2013.10.22 @ 01:13:51
 Time Off Btm: 2013.10.22 @ 03:46:21

TEST COMMENT: IF: Weak blow 1/2"
 IS: No blow back
 FF: Weak blow 1/4"
 FS: No blow back

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2511.44 | 115.09 | Initial Hydro-static |
| 2 | 19.04 | 115.16 | Open To Flow (1) |
| 17 | 24.13 | 115.63 | Shut-In(1) |
| 62 | 19.10 | 117.78 | End Shut-In(1) |
| 63 | 18.81 | 117.93 | Open To Flow (2) |
| 92 | 24.60 | 119.25 | Shut-In(2) |
| 150 | 53.89 | 121.25 | End Shut-In(2) |
| 153 | 2520.14 | 122.92 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 10.00 | MUD 100% | 0.05 |
| | | |
| | | |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Herman L Loeb LLC

26-32-14 Barber Co

Po Box 838
Lawrenceville IL 62439

Hinz #3-26

Job Ticket: 52442

DST#: 3

ATTN: George Payne/ Jim Ha

Test Start: 2013.10.21 @ 20:58:21

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: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 10.00 | MUD 100% | 0.049 |

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

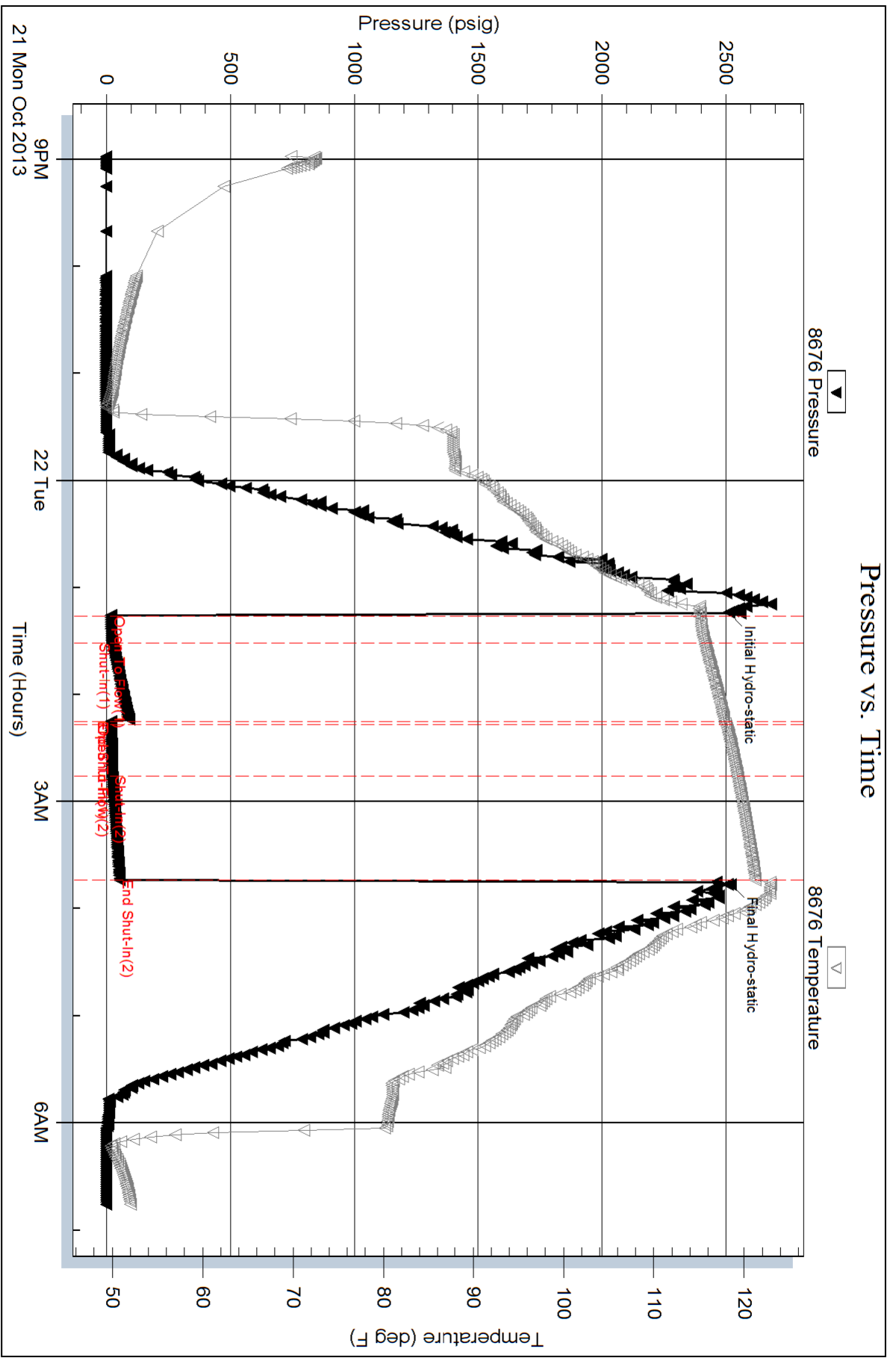
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





| | | |
|-----------------------------------|--------------------|----------------------------|
| PAGE 1 of 1 | CUST NO 1007589 | INVOICE DATE 10/25/2013 |
| INVOICE NUMBER 1718 - 91320088 | | |

Pratt (620) 672-1201
 B HERMAN L LOEB LLC
 I PO Box: 838
 L LAWRENCEVILLE
 L IL US 62439
 T
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Hinz 3-26
 O LOCATION
 B COUNTY Barber
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 E JOB CONTACT

750 Hinz
6438

| JOB # | EQUIPMENT # | PURCHASE ORDER NO. | TERMS | DUE DATE |
|--|-------------|--------------------|---------------|----------------|
| 40655090 | 19905 | | Net - 30 days | 11/24/2013 |
| For Service Dates: 10/23/2013 to 10/23/2013 | | | | |
| 0040655090 | | | | |
| 171809381A Cement-New Well Casing/Pi 10/23/2013 | | | | |
| Cement 5 1/2" Longstring | | | | |
| | | QTY | U of M | INVOICE AMOUNT |
| | | | | UNIT PRICE |
| 50/50 POZ | | 250.00 | EA | 8.25 |
| Celloflake | | 63.00 | EA | 2.77 |
| Gypsum | | 1,050.00 | EA | 0.56 |
| FLA-322 | | 105.00 | EA | 5.62 |
| Gilsonite | | 1,500.00 | EA | 0.50 |
| Mud Flush | | 1,000.00 | EA | 0.64 |
| KCL Potassium Chloride | | 566.00 | EA | 1.12 |
| Claymax KCL Substitute | | 5.00 | EA | 26.25 |
| "Latch Down Plug & Baffle, 5 1/2" (Blue)" | | 1.00 | EA | 299.98 |
| "Auto Fill Float Shoe 5 1/2" (Blue)" | | 1.00 | EA | 269.99 |
| "Turbolizer, 5 1/2" (Blue)" | | 12.00 | EA | 82.50 |
| "5 1/2" Basket (Blue)" | | 2.00 | EA | 217.49 |
| "Unit Mileage Chg (PU, cars one way)" | | 45.00 | MI | 3.19 |
| Heavy Equipment Mileage | | 90.00 | MI | 5.25 |
| "Proppant & Bulk Del. Chgs., per ton mil | | 473.00 | EA | 1.20 |
| Depth Charge; 5001-6000' | | 1.00 | EA | 2,159.88 |
| Blending & Mixing Service Charge | | 250.00 | BAG | 1.05 |
| Plug Container Util. Chg. | | 1.00 | EA | 187.49 |
| "Service Supervisor, first 8 hrs on loc. | | 1.00 | EA | 131.24 |

PAID

OCT 31 2013

SCANNED

44691

| | | | |
|---------------------------|-------------------------------|---------------|-----------|
| PLEASE REMIT TO: | SEND OTHER CORRESPONDENCE TO: | SUB TOTAL | 11,504.51 |
| BASIC ENERGY SERVICES, LP | BASIC ENERGY SERVICES, LP | TAX | 399.33 |
| PO BOX 841903 | 801 CHERRY ST, STE 2100 | INVOICE TOTAL | 11,903.84 |
| DALLAS, TX 75284-1903 | FORT WORTH, TX 76102 | | |



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET

1718 A

26-325-14W

DATE _____ TICKET NO. _____

| | | | | | | | | | |
|---|-----|--|-----|------------|-----|----------------------------|----------|----|-------|
| DATE OF JOB 10-23-13 DISTRICT Pratt, Kansas | | NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.: | | | | | | | |
| CUSTOMER Heyman L. Loub, LLC | | LEASE Hinz WELL NO. 3-26 | | | | | | | |
| ADDRESS | | COUNTY Barber STATE Kansas | | | | | | | |
| CITY STATE | | SERVICE CREW C Messick M McGraw D. Payne | | | | | | | |
| AUTHORIZED BY | | JOB TYPE: C N W - Longstring | | | | | | | |
| EQUIPMENT# | HRS | EQUIPMENT# | HRS | EQUIPMENT# | HRS | TRUCK CALLED | DATE | AM | TIME |
| 37,216 | 1.5 | | | | | | 10-22-13 | AM | 4:00 |
| | | | | | | ARRIVED AT JOB | 10-22-13 | AM | 10:00 |
| 77,686 19,905 | 1.5 | | | | | START OPERATION | 10-23-13 | AM | 4:00 |
| | | | | | | FINISH OPERATION | 10-23-13 | AM | 5:30 |
| 19,831 19,862 | 1.5 | | | | | RELEASED | 10-23-13 | AM | 6:00 |
| | | | | | | MILES FROM STATION TO WELL | | | 45 |

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

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

SIGNED: *[Signature]*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

| ITEM/PRICE REF. NO. | MATERIAL, EQUIPMENT AND SERVICES USED | UNIT | QUANTITY | UNIT PRICE | \$ AMOUNT |
|---------------------|---------------------------------------|------|----------|------------|-----------|
| P CP 104 | 50/50 Poz Blend Cement | sh | 200 | \$ | 2,200.00 |
| P CP 104 | 50/50 Poz Blend Cement | sh | 50 | \$ | 550.00 |
| P CC 102 | Cellflute | Lb | 63 | \$ | 233.10 |
| P CC 113 | Gypsum | Lb | 1050 | \$ | 787.50 |
| P CC 129 | Fluid Loss | Lb | 105 | \$ | 787.50 |
| P CC 201 | Gilsonite | Lb | 1500 | \$ | 1,025.00 |
| P C 700 | HCL, Potassium Chloride | Lb | 566 | \$ | 849.00 |
| P CF 607 | Latch Down Plug and Baffle, 5 1/2" | ea | 1 | \$ | 400.00 |
| P CF 1251 | Auto Fill Float Shoe, 5 1/2" | ea | 1 | \$ | 360.00 |
| P CF 1651 | Turbolizer, 5 1/2" | ea | 12 | \$ | 1,320.00 |
| P CF 1901 | Basket, 5 1/2" | ea | 2 | \$ | 580.00 |
| P C 704 | Clay max | Gal | 5 | \$ | 175.00 |
| P CC 151 | Mud Flush | Gal | 1,000 | \$ | 860.00 |

| CHEMICAL / ACID DATA: | | | |
|-----------------------|--|--|--|
| | | | |
| | | | |
| | | | |

| | | |
|---------------------|-------------|--|
| SUB TOTAL | | |
| SERVICE & EQUIPMENT | % TAX ON \$ | |
| MATERIALS | % TAX ON \$ | |
| TOTAL | | |

| | |
|---|--|
| SERVICE REPRESENTATIVE <i>[Signature]</i> | THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <i>[Signature]</i> |
|---|--|

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.



BASICSM
ENERGY SERVICES

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

PRESSURE PUMPING & WIRELINE

FIELD SERVICE TICKET

1718 ~~1718~~ A
Continuation

26-325-14W

DATE _____ TICKET NO. 9381

| | | | | | | | | | |
|---|-----|--|-----|------------|-----|----------------------------|------|-------|------|
| DATE OF JOB 10-23 13 DISTRICT Pratt, Kansas | | NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.: | | | | | | | |
| CUSTOMER Herman L. Loeb, LLC | | LEASE Hinz WELL NO. 3-26 | | | | | | | |
| ADDRESS | | COUNTY Barber STATE Kansas | | | | | | | |
| CITY STATE | | SERVICE CREW C. Messick: M McGraw: D. Piye | | | | | | | |
| AUTHORIZED BY | | JOB TYPE: C N W Longstring | | | | | | | |
| EQUIPMENT# | HRS | EQUIPMENT# | HRS | EQUIPMENT# | HRS | TRUCK CALLED | DATE | AM PM | TIME |
| | | | | | | ARRIVED AT JOB | | AM PM | |
| | | | | | | START OPERATION | | AM PM | |
| | | | | | | FINISH OPERATION | | AM PM | |
| | | | | | | RELEASED | | AM PM | |
| | | | | | | MILES FROM STATION TO WELL | | | |

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

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

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

| ITEM/PRICE REF. NO. | MATERIAL, EQUIPMENT AND SERVICES USED | UNIT | QUANTITY | UNIT PRICE | \$ AMOUNT |
|---------------------|---------------------------------------|------|----------|------------|-----------|
| E 100 | Pickup Mileage | Mi | 45 | \$ | 191.25 |
| E 101 | Heavy Equipment Mileage | Mi | 90 | \$ | 630.00 |
| E 113 | Built Delivery | tm | 473 | \$ | 756.00 |
| CE 206 | Cement Pump: 5,000 Feet To 6,000 Feet | hrs | 4 | \$ | 2,880.00 |
| CE 240 | Blending and Mixing Service | sk | 250 | \$ | 350.00 |
| CE 504 | Plug Container | Job | 1 | \$ | 250.00 |
| S 003 | Service Supervisor | hrs | 8 | \$ | 175.00 |

| CHEMICAL / ACID DATA: | | | |
|-----------------------|--|--|--|
| | | | |
| | | | |
| | | | |

| | | |
|---------------------|------------|--------------|
| SUB TOTAL | | \$ 11,504.51 |
| SERVICE & EQUIPMENT | %TAX ON \$ | |
| MATERIALS | %TAX ON \$ | |
| TOTAL | | |

SERVICE REPRESENTATIVE: _____ THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: _____
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

BASIC

energy services, L.P.

TREATMENT REPORT

| | | |
|----------------------------------|--------------------------|---------------------------------|
| Customer Herman L. Loeb, LLC. | Lease No. | Date 10-23-13 |
| Lease Hinz | Well # 3-26 | |
| Field Order # 4381 | Station Pratt, Kansas | Casing " 5 1/2 |
| | | Depth 4,998 feet |
| Type Job C.N.W. - Longstring | Formation | County Barber |
| | | State Kansas |
| | | Legal Description 26-325-14W |

| PIPE DATA | | PERFORATING DATA | | FLUID USED | | TREATMENT RESUME | | |
|-----------------------------------|--------------------------|------------------|--------------------|-----------------------|------------------|------------------|-------|---------------------------|
| Casing Size 5 1/2 | Tubing Size 5 LB./ft. | Shots/Ft 200 | Sacks 200 | 50/50 Poz with | 28 Gel, | RATE | PRESS | ISIP |
| Depth 4,998 ft. | Depth - | From .25 | To 14 LB. / St. | oil plate, 6 lb. | 5 ft. Gilsomite | | | Fluid Loss, 52 hCL |
| Volume 119 Bbl. | Volume - | From - | To 14 LB. / St. | Gal., 5.43 Gal./St. | 1.35 cu. ft./st. | | | 5 Min. |
| Max Press | Max Press | From | To | | | | | 10 Min. |
| Well Connection Plug on Packer | Annulus Vol. - | From 50 | To 50 | 50/50 Poz to Plug Rat | (30 sacks) | | | 15 Min. |
| Plug Depth 4,998 ft. | Packer Depth - | From | To | Flush 118.5 Bbl. | 28 hCL | | | Annulus Pressure holes |
| | | | | | | | | Total Load |

| | | |
|--|----------------------------------|--------------------------------|
| Customer Representative Alan Vratil | Station Manager Tevin Gordley | Treater Clarence R. Messick |
|--|----------------------------------|--------------------------------|

| | | | | | | | | | |
|---------------|---------|---------|--------|--------|--------|--|--|--|--|
| Service Units | 37216 | 77,686 | 19,905 | 19,831 | 19,862 | | | | |
| Driver Names | Messick | Mc Graw | Phye | | | | | | |

| Time P.M. | Casing Pressure | Tubing Pressure | Bbls. Pumped | Rate | Service Log |
|-----------|-----------------|-----------------|--------------|------|--|
| 10:00 | 10.22 | | | | Cement and Pump truck on location and hold safety meeting. |
| 11:15 | | | | | Sterling Drilling start to run Auto Fill Float Shoe, Shoe Joint with Latch Down. Baffle screwed into collar and a total of 119 Joints new 15.5 LB/ft 5 1/2" casing. A Basket was installed above collars #14 and #18. A Turbulator was installed on collars #13, 5, 7, 9, 13, 17, 21, 25, 29, 33, and #37. |
| 1:30 | | | | | Cement on location. |
| 3:20 | 500 | | | | Casing in well. Circulate for 40 minutes. |
| 4:05 | | 2,000 | | | Stop pumping. Shut in well. Pressure Test Open Well. |
| 4:08 | 500 | | | 6 | Start Fresh water Pre Flush. |
| | | | 15 | 6 | Start Mud Flush. Then Fresh water Spacer. |
| 4:25 | | | 39+15 | 6 | Start mixing 200 sacks 50/50 Poz cement. |
| | -0- | | 102 | | Stop pumping. Shut in well. Wash pump and lines. Release Latch Down Plug. Open Well. |
| 4:42 | 150 | | | 6.5 | Start 28 hCL Displacement |
| | | | 83 | 5 | Start to lift cement |
| 5:01 | 500 | | 118.5 | | Plug down. |
| | 1500 | | | | Pressure up. |
| | | | | | Release pressure. Float Shoe held. |
| | | | 7.5 | 3 | Plug Rat and Mouse holes. |
| | | | | | Wash up pump truck |
| 6:00 | | | | | Job Complete. |
| | | | | | Thank You. |



PO Box 93999
Southlake, TX 76092

Voice: (817) 546-7282
Fax: (817) 246-3361

✓ Barber
8

INVOICE

Invoice Number: 139179
Invoice Date: Oct 12, 2013
Page: 1

Bill To:
Herman L. Loeb LLC
5518 S Oil Center Road
Great Bend, KS 67530

750 Hinz
6438

Now Includes:



| Customer ID | Field Ticket # | Payment Terms | |
|--------------|----------------|---------------|----------|
| Loeb | 59986 | Net 30 Days | |
| Job Location | Camp Location | Service Date | Due Date |
| KS1-01 | Medicine Lodge | Oct 12, 2013 | 11/11/13 |

| Quantity | Item | Description | Unit Price | Amount |
|----------|--------------------|-------------------------------------|------------|----------|
| 1.00 | WELL NAME | Hinz #3-26 | | |
| 315.00 | CEMENT MATERIALS | Class A Common | 17.90 | 5,638.50 |
| 11.00 | CEMENT MATERIALS | Chloride | 64.00 | 704.00 |
| 330.70 | CEMENT SERVICE | Cubic Feet | 2.48 | 820.14 |
| 228.75 | CEMENT SERVICE | Ton Mileage | 2.60 | 594.75 |
| 1.00 | CEMENT SERVICE | Surface | 1,512.25 | 1,512.25 |
| 15.00 | CEMENT SERVICE | Pump Truck Mileage | 7.70 | 115.50 |
| 1.00 | CEMENT SERVICE | Swedge Manifold Rental -- No Charge | | |
| 15.00 | CEMENT SERVICE | Light Vehicle Mileage | 4.40 | 66.00 |
| 1.00 | CEMENT SUPERVISOR | Darin Franklin | | |
| 1.00 | EQUIPMENT OPERATOR | Scott Priddy | | |
| 1.00 | OPERATOR ASSISTANT | James Bowen | | |

PAID

OCT 31 2013

SCANNED

44088

| | |
|------------------------|-----------------|
| Subtotal | 9,451.14 |
| Sales Tax | 453.49 |
| Total Invoice Amount | 9,904.63 |
| Payment/Credit Applied | |
| TOTAL | 9,904.63 |

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$ 2,362.79

ONLY IF PAID ON OR BEFORE
Nov 6, 2013

- 2,362.79

7,541.84

