



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1131414
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
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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: _____



1131414

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
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<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: Yes No

Date of First, Resumed Production, SWD or ENHR: _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

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

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> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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LITHOLOGY STRIP LOG

WellSight Systems

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

Well Name: HERMAN L. LOEB LLC. Banta F #120
Location: SE NW SE SE Sec. 20, T27S, R18W, Kiowa Co., Kansas
License Number: 15-097-21747-00-00
Spud Date: 2/7/13
Surface Coordinates: 840' FSL, 665' FEL, 665' FEL
Region: Wildcat
Drilling Completed: 2/17/13

Bottom Hole Coordinates:

Ground Elevation (ft): 2,186' K.B. Elevation (ft): 2,199'
Logged Interval (ft): 3,200' To: 4,877' Total Depth (ft): 4,877'
Formation: Kinderhook
Type of Drilling Fluid: Native Mud To 3,092' and Chemical 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 #5, Tool Pusher: Alan Loftis.

Surface Casing: 8 5/8" set at 563' w/350sx, cement.
Cement did circulate.

Production Casing: 5 1/2", set on 2/18/13, cemented w/200sx 50/50 poz.

Prior to DST #1 @ 4,404' pipe strap 0.03' long to the board.
Prior to DST #2 @ 4,770' ran survey, see information below.

At 4,470' stopped drilling, to work on gas equipment. Changed out the filament on the hot wire and chromatograph and recalibrated the equipment. The chromatograph filament was bad, but hotwire could have been reading ok, through 4,405 thru 4,454' (mud contaminated with gas and oil).

Deviation Surveys: 0.75 @ 568', 1.5 @ 4,404', 1.0 @ 4,770'.

Bit Record:

#1 12 1/4" out @ 568'.

#2 7 7/8" JZ HA20-Q in @ 568', out @ 4,877', made 4,309' in 109.5hrs.

Drilling time commenced: @ 3,300'. Minimum 10' wet and dry samples commenced: @ 3,270' to RTD. Samples delivered to Kansas Geological Sample Library at Wichita, Kansas.

Gas Detector: Serling Rig unit # 5. Tooke Daq Drilling time and Hotwire gas values were placed on this Plotted Sample Strip log.

Mud System: Mud-Co/Service Mud. Chemical Gel system @ 3,092', Mud Engineer: Brad Bortz.

DST Co. Trilobite Testing Co., Tester: Chris Staats, (Pratt Kansas).

Open Hole Logs: Halliburton. (Liberal Kansas), Logging Engineer: J Bollom.
DIL, CDL/CNL/PE, MEL/SON.

E-Log Formation Tops: Stotler 3,379 (-1180), Howard 3,592 (-1393), Heebner 4,028 (-1829), Brown Lm 4,182 (-1983), Lansing "A" 4,190 (-1991), L/KC "H" 4,348 (-2149), K/C "I" 4,396 (-2197), Swope 4,494 (-2295), Hertha 4,541 (-2342), B/KC 4,576 (-2377), Marmaton 4,614 (-2415), Pawnee 4,663 (-2464), Labette Sh 4,686 (-2487), Cherokee Sh 4,701 (-2502), Mississippian 4,744 (-2545), Kinderhook Sh 4,780 (-2581), Kinderhook Sand 4,812 (-2613).

Note: The open hole log gamma ray and caliper curves have been placed on this sample strip log, for better correlation. No stip log shift was necessary, due to close correlation with the open hole logs.

DSTs

DST #1 Kansas City "I" 4,386' to 4,404' (18' anchor), 15,45,60,120, IH 2117, IF 30-52 (BOB 2min), ISI 1332 (no blow), FF 40-139 (BOB 30sec, GTS 10min TSTM), FSI 1337 (weak blow), FH 2113, Rec; 4,375' GIP, 150' gasy mud (40%gas,60%mud), 180' gasy oil & water cut mud (20%gas,40%oil,20%water,20%mud), BHT 118F, Chl 80,000, Rwa 0.18 @ 38F (0.058 @ BHT).

DST #2 (Mississippi Chert), 4,723' to 4,770' (47'), 15,45,45,90, IH 2270, IF 40-63 (weak 4inch blow), ISI 260, FF 109-152 (fair 5inch blow), FSI 365, FH 2270, Rec: 620' gas in pipe, 280' gassy mud (2%gas, 98%mud), BHT 125F.

DST #3 Kinderhook Sand, 4,819' to 4,837' (18'), 15-45-30-90, IH 2282, IF 18-39 (1inch blow), ISI 1317, FF 38-65 (2inch blow), FSI 1300, FH 2236, Rec; 80' muddy water (80%water,20%mud), BHT 125, Rwa 0.30 @ 42F (0.10 @ BHT), Chl 40,000ppm (mud 5,000ppm).

Serial #: 6755

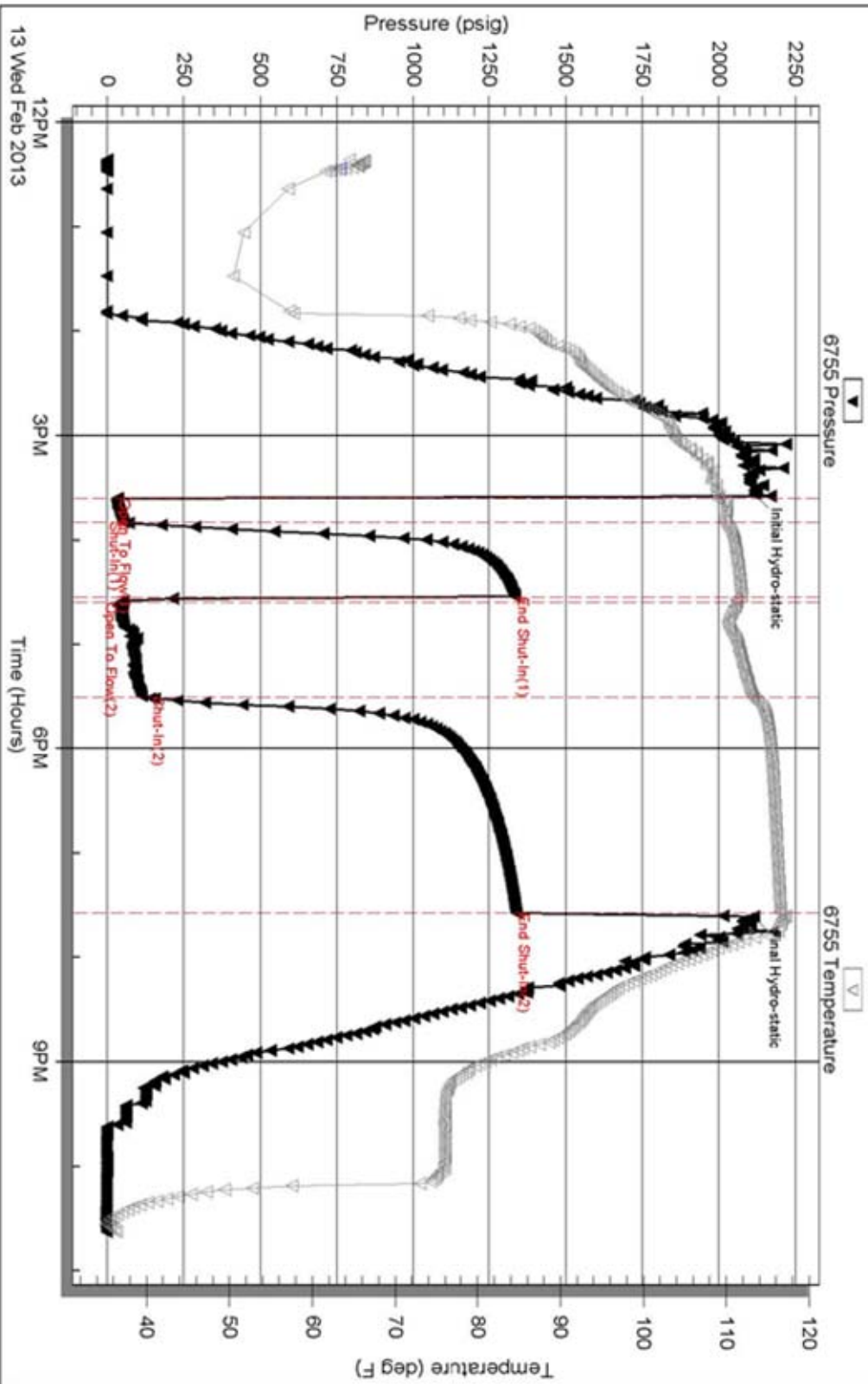
Inside

Herran L Loeb LLC

Banta F# 1-20

DST Test Number: 1

Pressure vs. Time



Trickle Testing, Inc

Ref. No: 50936

Printed: 2013.02.14 @ 07:21:59

Serial #: 6755

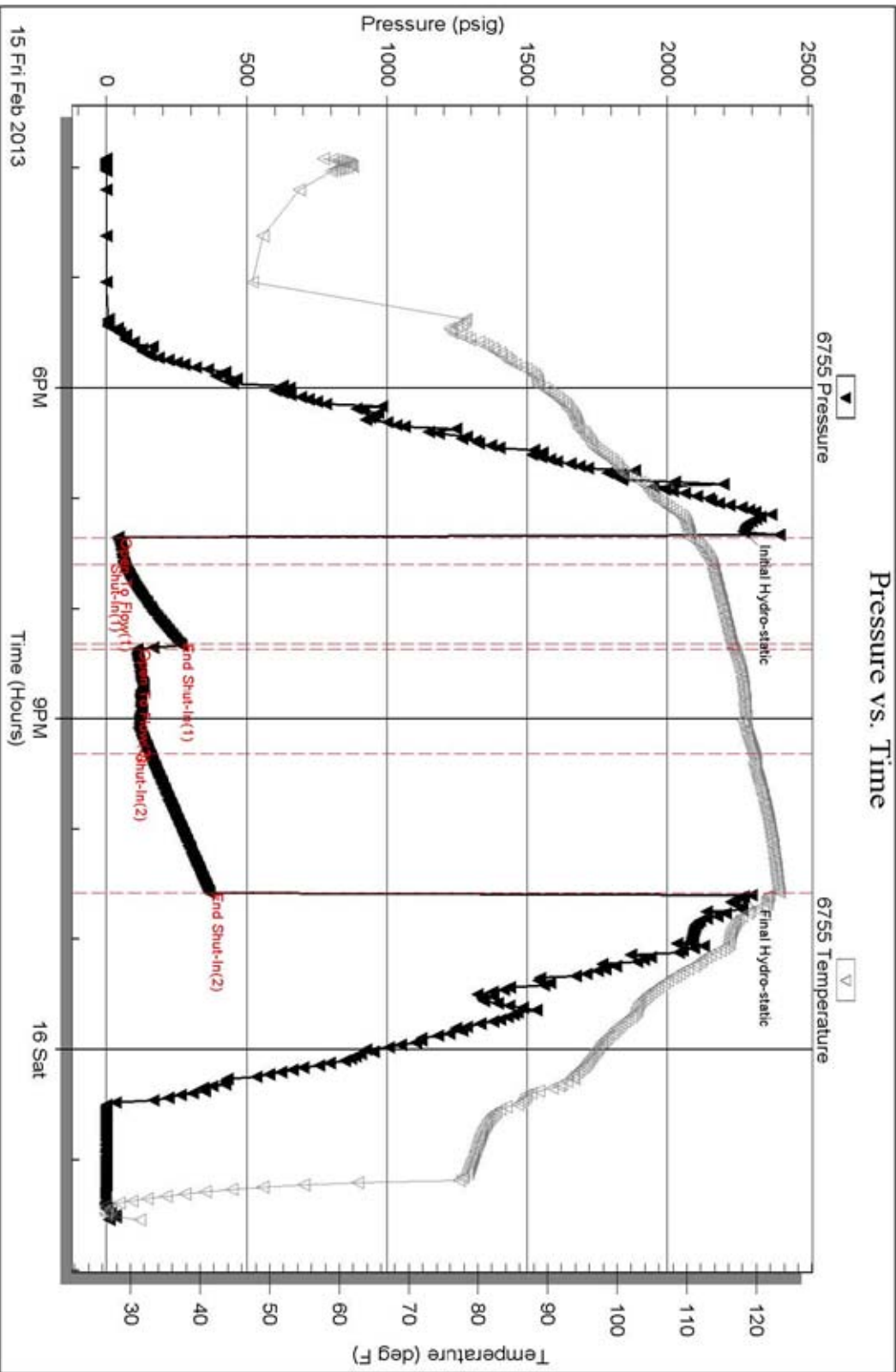
Inside

Herran L Loeb LLC

Banta F # 1-20

DST Test Number: 2

Pressure vs. Time



Trillole Testing, Inc

Ref. No: 50937

Printed: 2013.02.16 @ 06:34:04

Serial #: 6755

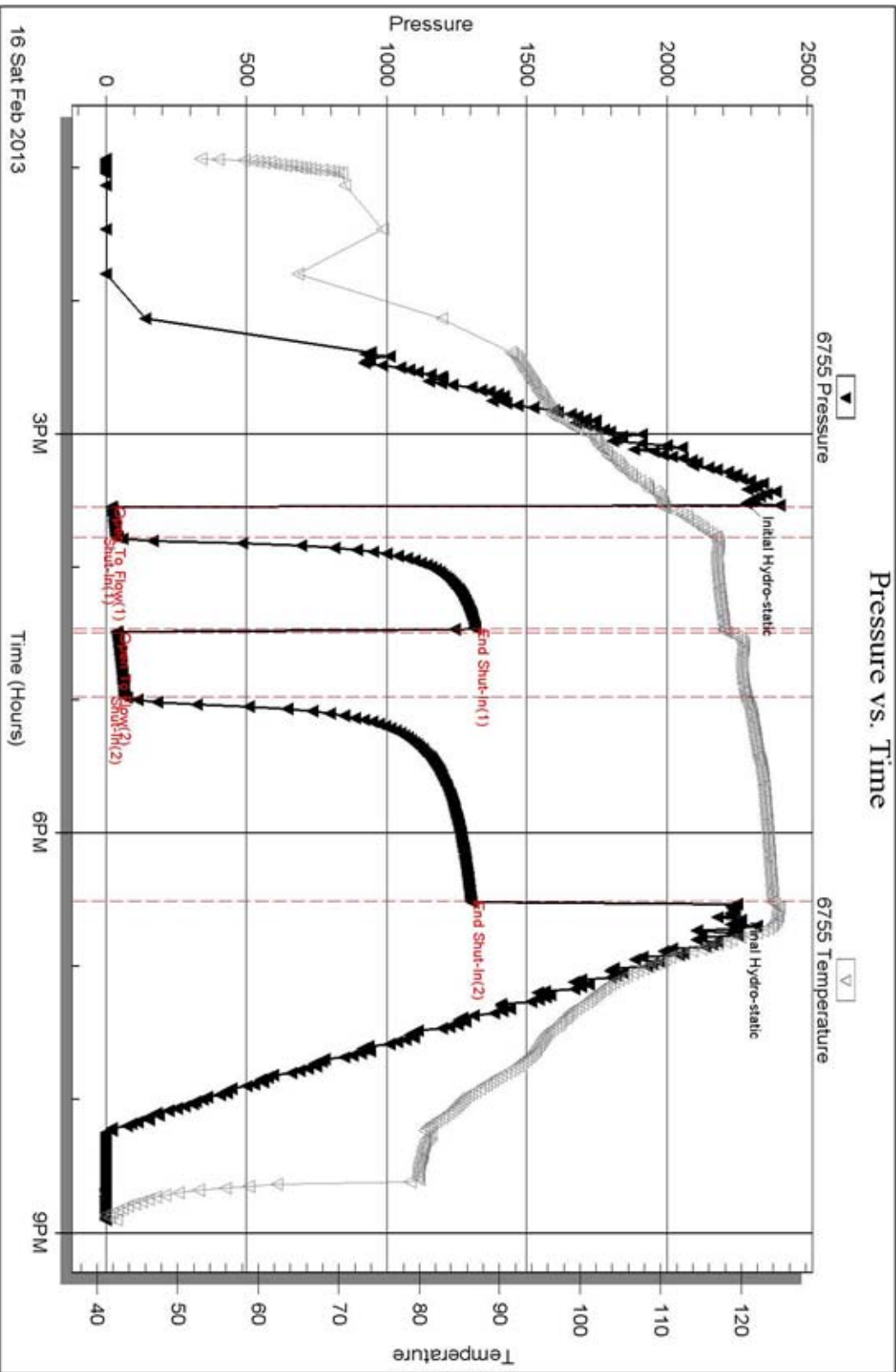
Inside

Herran L Loeb LLC

Banta F # 1-20

DST Test Number: 3

Pressure vs. Time



Triobole Testing, Inc

Ref. No: 50938

Printed: 2013.02.16 @ 21:53:38

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
- Sltysth

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
- Sltly

FOSSIL

- Algae
- Amph
- Belm
- Bioclst
- Brach
- Bryozoa
- Cephal
- Coral
- Crin
- Echin
- Fish
- Foram
- Fossil
- Gastro
- Oolite
- Ostra

- Pelec
- Pelloidal
- Pisolite
- Plant
- Strom
- Fuss
- Oomoldic

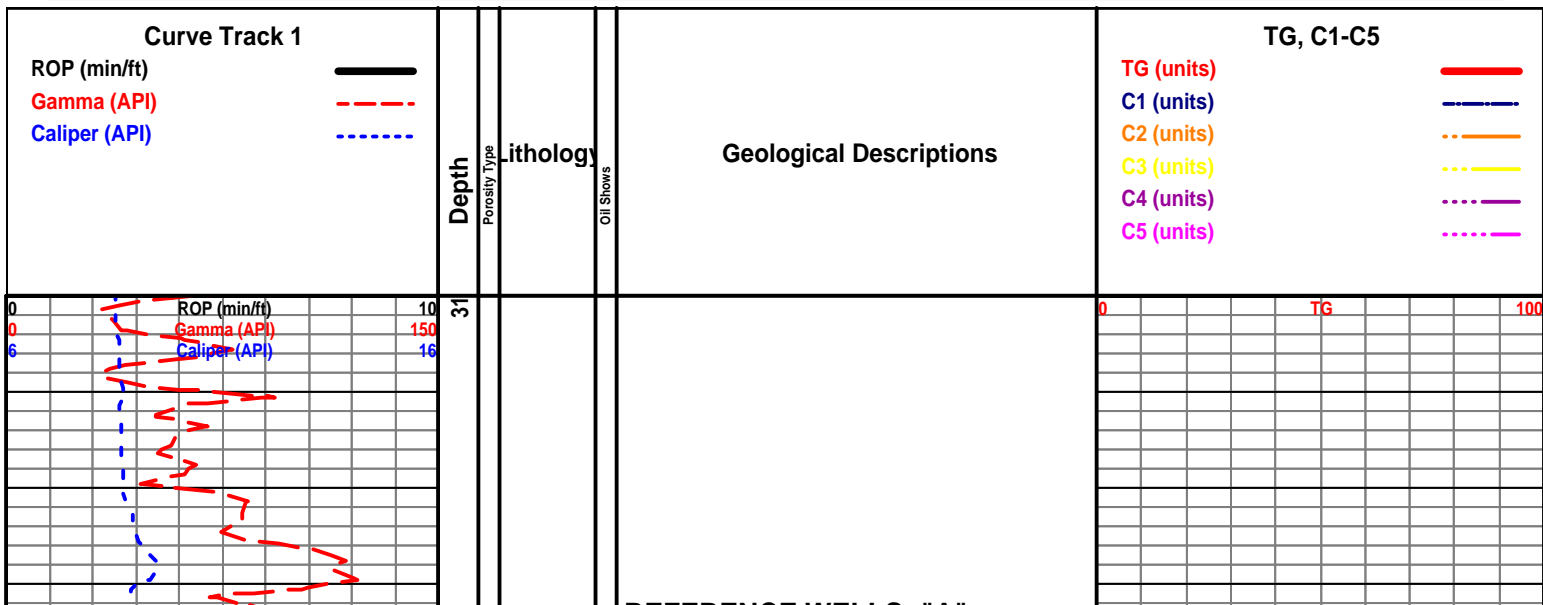
STRINGER

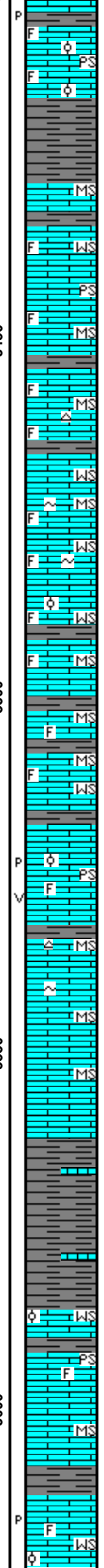
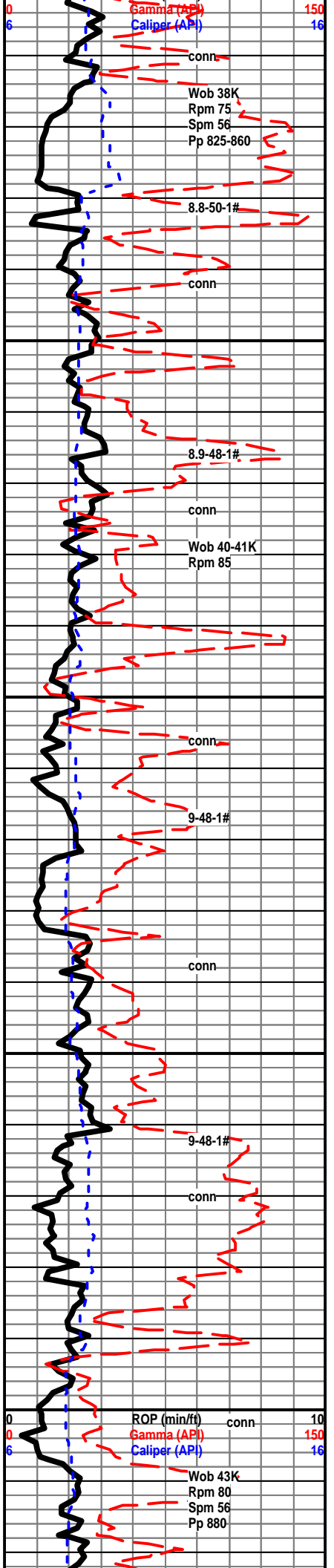
- Anhy
- Arg
- Bent
- Coal
- Dol
- Gyp
- Ls
- Mrst
- Sltstrg
- Ssstrg
- Carbsh
- Clystn
- Dol

- Grysh
- Gryslt
- Lms
- Sandylms
- Sh
- Sltstn

TEXTURE

- Boundst
- Chalky
- Cryxln
- Earthy
- Finexln
- Grainst
- Lithogr
- Microxln
- Mudst
- Packst
- Wackest





Wackestone to Packstone; cream to off white, buff, fossiliferous to small oolites, some micro-oolites in the tight looking matrix, mineral fluorescence only, no show, rare barren porosity.

Shale; influx, gray, dark gray, dull red and scattered black, most soft earthy, samples wash gray.

Wackestone to Packstone; fossiliferous, to micro-oolitic, dull mineral fluorescence only, no show,

Mudstone; light brown, gray, hard, chalky to rare crystalline, dense looking in wet, some fossiliferous, sample still wash gray.

Mudstone; cream to off white, firm to brittle, most chalky, some fossiliferous, no show, rare light chert in the matrix.

Wackestone to Mudstone; firm to brittle, some fossiliferous to micro-oolitic, rare glauconite-chlorite in the matrix, very dull blue-white mineral fluorescence only.

Wackestone; fossiliferous to micro-oolitic, no show, rare glauconite-chlorite in the tight looking matrix.

Mudstone; some fossiliferous, hard, tight looking in the wet and dry.

Mudstone to Wackestone; cream to brown, gray, hard to firm, some fossiliferous, chalky to crystalline matrix, no show, dull yellow mineral fluorescence only.

Packstone; cream to light tan, hard to brittle, small oolites to micro-oolitic, dull yellow fluorescence, no cut on selected samples, rare barren porosity in the dry sample.

Mudstone; cream to off white, hard to brittle, chalky to crystalline, rare glauconite-chlorite in the tight matrix, very dull blue-white fluorescence only.

Mudstone; most as above, slight increase in gray, to light brown, tight.

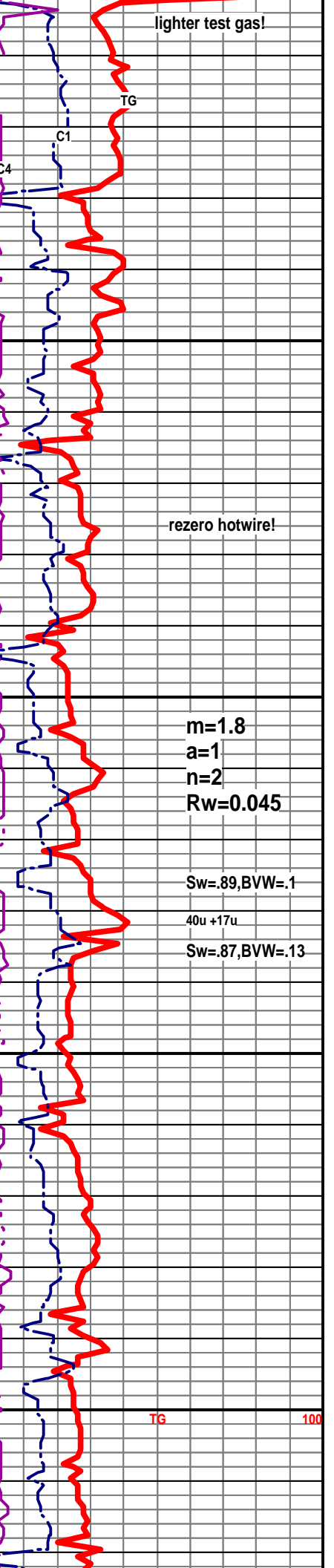
Shale; gray, dark gray, rare maroon, most soft, tabular to platy in shape.

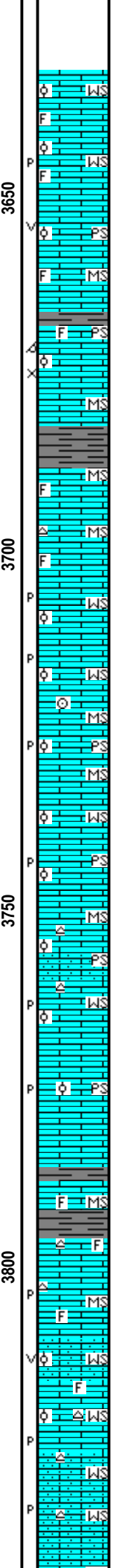
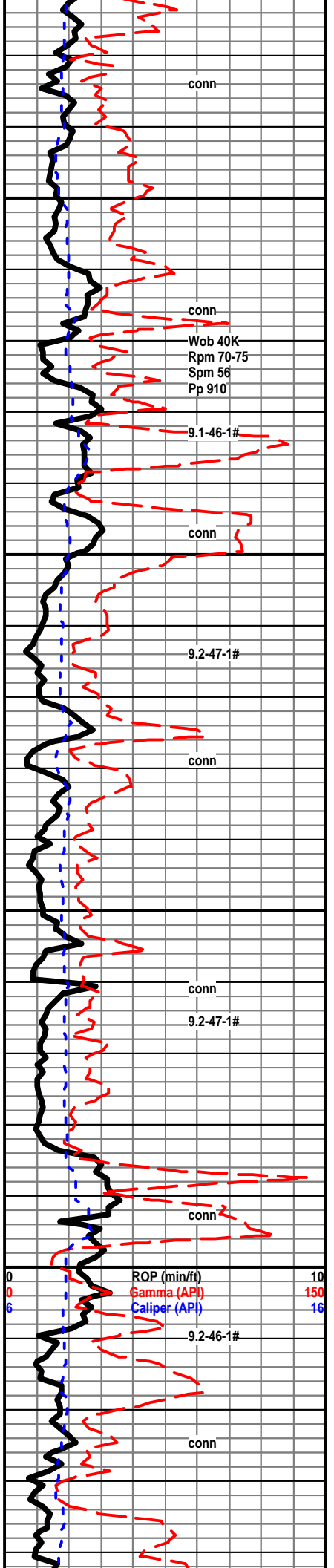
Howard 3592 (-1393) A -13 B -9

Wackestone to Packstone; fossiliferous, to oolitic, hard, dull yellow-gold mineral fluorescence only, no show, no cut on selected samples.

Mudstone; cream to gray, some light tan, chalky to crystalline hard to brittle, very dull yellow-gold mineral fluorescence, no show.

Wackestone; fossiliferous to micro-oolitic, tight looking wet, barren porosity visible in dry, no show.





No sample!

Wackestone; fossiliferous, to small oolites, to micro-oolitic, dull yellow mineral fluorescence only, no show.

Packstone to Wackestone; cream to off white, some brown, fossiliferous to oolitic, chalky to crystalline, dull yellow fluorescence, no show, rare brach, no cut on selected samples, no odor, bare porosity in the dry.

Mudstone; hard to brittle, dense look in the wet sample.

Packstone; cream to off white, most chalky, firm to brittle, oolitic to micro-oolitic, some fossiliferous, no show, barren porosity in the dry.

Topeka 3688 (-1489) A -11 B -13

Mudstone; influx, brown, crystalline, dense looking in wet.

Mudstone; off white, cream to light tan, hard brittle, chalky, occasionally crystalline, some fossiliferous, rare blue-gray free blocky chert.

Wackestone; to Mudstone; cream to off white, most chalky, micro-oolitic, rare barren porosity in the dry sample, no show.

Mudstone; cream to off white, most chalky, rare crinoid stem, no show.

Wackestone to Packstone; cream, light tan, and off white, mc chalky texture, hard to soft, micro-oolitic, very dull mineral fluorescence only, no show, some fossiliferous, rare barren porosity visible in the dry sample.

Mudstone; cream to tan, hard to firm, rare blue-gray blocky free chert here.

Packstone to Wackestone; cream to tan, off white, most chalky texture, hard to soft, occasionally crystalline-hard, micro-oolitic, to sandy texture, no show, rare free off white chert, no show.

Packstone to Wackestone as above, rare barren porosity in the dry samples.

Mudstone; cream to brown, some fossiliferous, dense look in wet, scattered dull yellow mineral fluorescence, no show.

Mudstone; as above, bit more fossiliferous here, rare free blocky light chert.

Mudstone; cream to off white and tan, chalky to crystalline texture, some fossiliferous.

Wackestone; sandy texture, some micro-oolitic look, most hard, dense looking wet.

Wackestone; cream to off white, some tan to brown, hard, fossiliferous to some micro-oolitic look, dense look in wet, rare light chert.

Wackestone; cream, off white to tan, sandy texture, firm, most chalky, off white to light gray free blocky chert.

Sw=.72, BVW=.09
56u +20u

Sw=.65, BVW=.15

52u +12u

50u +10

TG

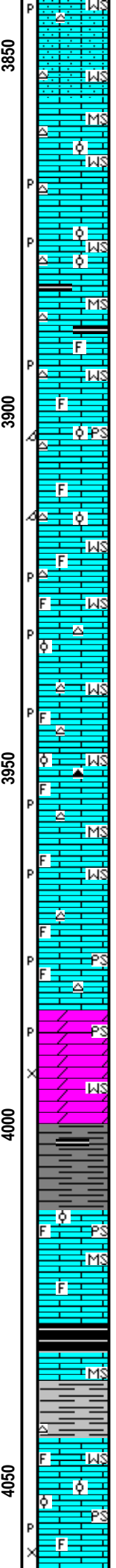
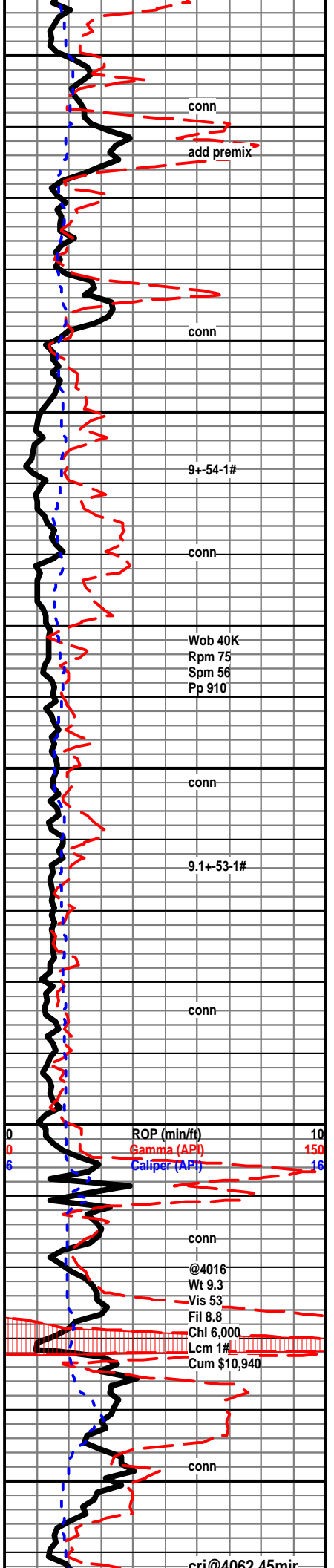
C1

C4

TG

100

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



Wackestone; most as above, scattered free off white to light gray blocky chert, some with sandy texture, no show, dull mineral fluorescence only.

Mudstone; cream to off white, hard to brittle, most chalky, free chert as above.

Wackestone; off white, tan, hard to firm, micro-oolitic, free chert, some chert in the matrix, no show.

Mudstone; cream, light gray, hard, chalky to crystalline, dense look in wet, barren porosity as above in the dry, scattered black shale here.

Wackestone to Packstone; cream to off white, some buff, hard to brittle, fossiliferous to micro-oolitic, dull mineral fluorescence, no show, scattered oomoldic look, free light gray and off white chert.

Wackestone and Packstone as above, no real change here, no show.

Wackestone; cream, off white to tan, chalky to crystalline texture, fossiliferous to micro-oolitic, dull yellow mineral fluorescence only as above, rare visible barren porosity in the dry.

Wackestone; as above, trace free chert.

Wackestone to Packstone; most as above, increase in brown, small oolites, tight look in the wet, rare black spicular chert here.

Mudstone; small influx, hard to soft, most chalky.

Wackestone; small crystalline, hard, tight look in the wet, free light chert, rare barren porosity in the dry.

Packstone to Wackestone; hard to brittle, some chalky soft, barren porosity visible in the dry, fossiliferous, some micro-oolitic, no show.

Dolomite; tan to light brown, hard, blocky, very fine sucrosic look, rare pinpoint / inter crystalline porosity, no show.

Shale; influx, dark gray to black, rare gas when broken.

Packstone; cream to tan, hard to firm, crystalline to chalky matrix, oolitic to micro-oolitic, no show, scattered very dull gold mineral fluorescence.

Mudstone; buff, brown, hard, crystalline to chalky, hard, dense look in the wet.

Heebner 4028 (-1829) A -2 B +3

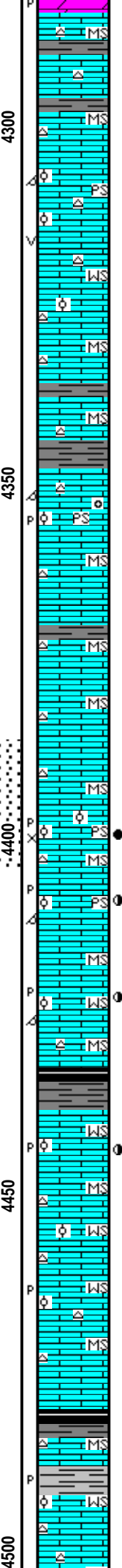
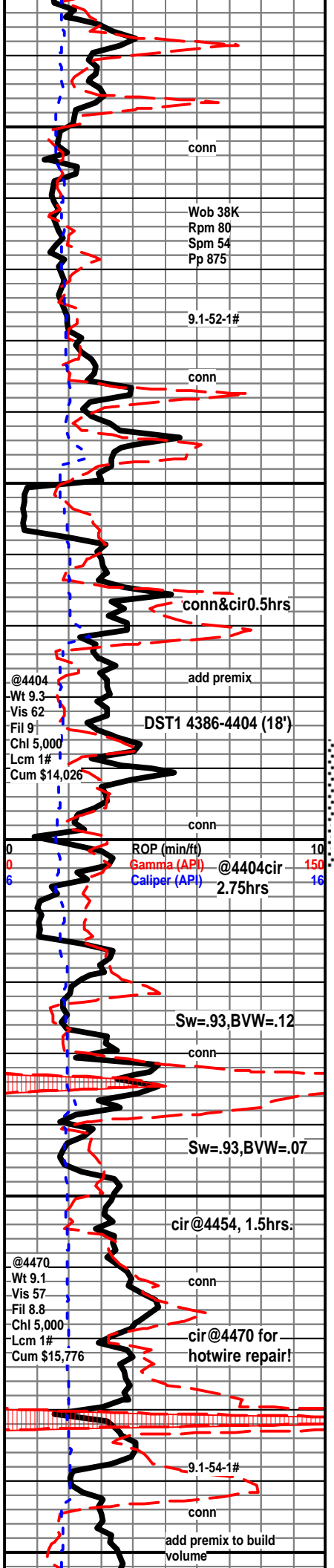
Shale; black, carbonaceous, some hard-gassy!

Shale; influx gray-green, pale green.

Toronto 4046 (-1847) A -3 B -2

Wackestone; cream, trace gray, hard to brittle, some chalky soft, rare chert in the matrix, very dull mineral fluorescence, no cut, no show.

Packstone; off white to buff, hard, oolitic to fossiliferous, some micro-oolitic, most sample have dense matrix, rare inter oolitic and pinpoint porosity in the dry, no cut on very dull fluorescence, no show.



Mudstone; cream to off white, some brown, hard to brittle, scattered free cream to tan fossiliferous chert, some off white chert, no show.

Mudstone as above, and chert as above, no show, scattered, micro-oolitic wackestone-cave?

Packstone; off white, hard to brittle, oolitic to micro-oolitic, barren porosity, no show.

Wackestone; micro-oolitic, tight looking matrix, free chert, some fossiliferous, no show.

Mudstone; hard to brittle, most chalky, some crystalline-silky texture, free chert.

Mudstone; cream to off white, chalky to crystalline, free chert, slight increase in green and black shale here.

"H" 4348 (-2149) A +3 B -3

Packstone; cream to off white, oomoldic to oolitic, brittle, no show in wet or dry sample, no cut on selected samples.

Mudstone; as above, no real change here.

Mudstone; cream to light gray, some brown, hard to brittle, free light chert in samples.

Mudstone; cream to gray and brown, chalky to crystalline, free off white chert aa.

"I" 4396 (-2197) A +1 B -2

Packstone; cream to dark gray, hard to brittle, crystalline to chalky matrix, bright fluorescence, instant cut, fair odor, visible porosity, some with bleeding rainbow, most look tight, very few show samples visible, even stain to spotty black stain.

Packstone; cream, hard, oolitic to micro-oolitic, fair odor, scattered cut on bleeding samples, most look tight and barren-old show from above?

Wackestone to Packstone; cream, hars, scattered pp and rare oomoldic porosity with bleeding gas, slow milky cut, most lo tight, fair odor, old upper "I" show?

"J" 4439 (-2240) A +8 B even C +14

Wackestone to Packstone; cream, buff, some off white, rare small oolites, most micro-oolitic, tight looking matrix in wet, two samples with slow milky cut from scattered pp porosity and spotty dark stain, no odor when washed, no visible gas, no oil, sample show could be from "I" zone, for large gas kick should have abundant sample show, hotwire problems? Chromatograph however appears to be ok? but indicating much lower total gas readings.

Mudstone to Wackestone; cream to buff and off white, hard to brittle, most chalky, some crystalline, Wackestone is micor-oolitic in tight matrix, free chert, no show, very dull gold mineral fluorescence, rare barren porosity.

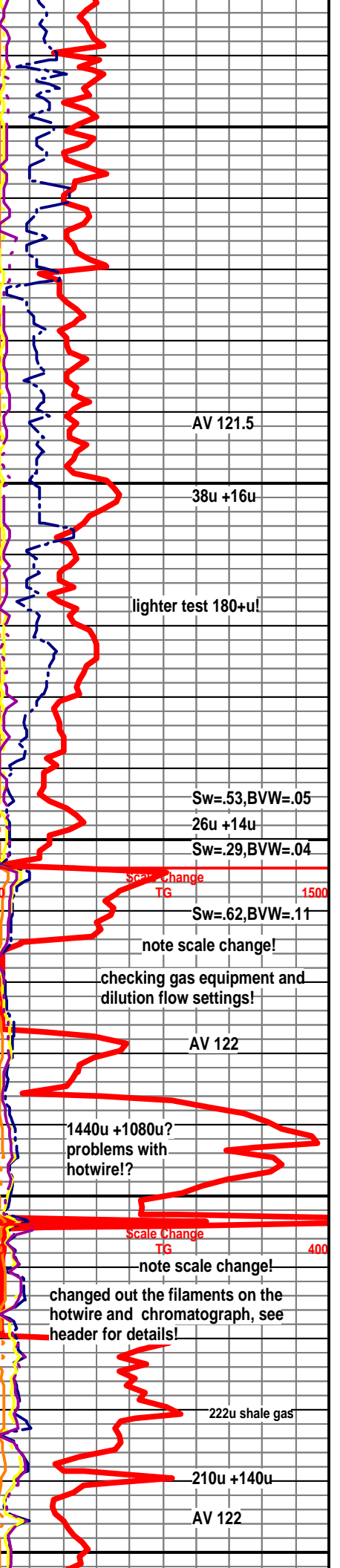
Mudstone; influx, gray to brown hard, crystalline, dense look, mineral fluorescence aa.

Shale; rare black-gassy in samples.

Swope 4494 (-2295) A -6 B -9

Wackestone; off white to cream, micro-oolitic, hard to brittle, most chalky matrix, tight, rare barren porosity in the dry, no show, no odor, no visible gas bubbles.

Mudstone; cream to off white. rare light gray here - som



Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

April 06, 2013

Jesse Middagh
HERMAN L. LOEB, LLC
PO BOX 838
LAWRENCEVILLE, IL 62439

Re: ACO1
API 15-097-21747-00-00
Banta 'F' 1-20
SE/4 Sec.20-27S-18W
Kiowa County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Jesse Middagh



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Herman L Loeb LLC

20-27-18

Po Box 838
Lawrenceville IL 62439

Banta F # 1-20

ATTN: Jesse Middagh/ Jim H

Job Ticket: 50936

DST#: 1

Test Start: 2013.02.13 @ 12:21:19

GENERAL INFORMATION:

Formation: **KC I**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:35:49

Time Test Ended: 22:38:19

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Staats

Unit No: 47

Interval: 4386.00 ft (KB) To 4404.00 ft (KB) (TVD)

Total Depth: 4404.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2199.00 ft (KB)

2186.00 ft (CF)

KB to GR/CF: 13.00 ft

Serial #: 6755 Inside

Press @ Run Depth: 139.45 psig @ 4387.00 ft (KB)

Start Date: 2013.02.13

End Date: 2013.02.13

Start Time: 12:21:24

End Time: 22:38:19

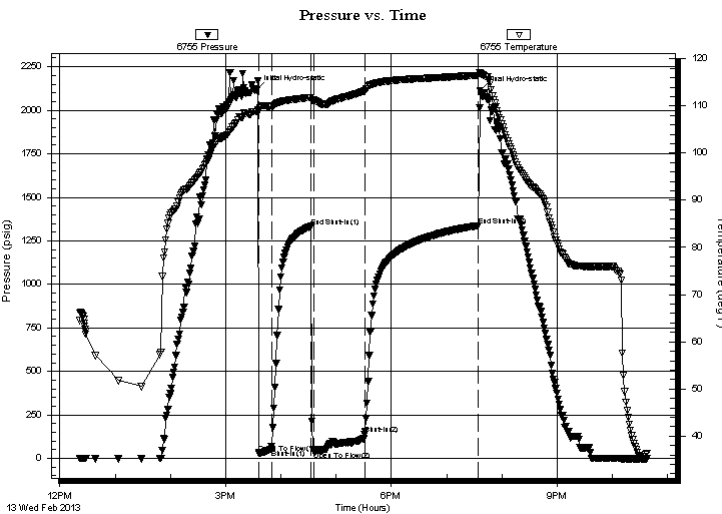
Capacity: 8000.00 psig

Last Calib.: 2013.02.13

Time On Btm: 2013.02.13 @ 15:33:34

Time Off Btm: 2013.02.13 @ 19:36:34

TEST COMMENT: IF: Strong blow BOB 2 min
ISI No blow back
FF: Strong blow BOB 30 sec GTS 10 min TSTM
FSI: Weak blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2117.02	108.82	Initial Hydro-static
3	30.75	108.88	Open To Flow (1)
16	52.86	109.83	Shut-In(1)
59	1332.99	111.83	End Shut-In(1)
63	40.95	111.23	Open To Flow (2)
118	139.45	113.22	Shut-In(2)
241	1337.93	116.52	End Shut-In(2)
243	2113.10	116.97	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	4375' GIP	0.00
150.00	G,M 40%gas 60% mud	0.74
180.00	M,W,G,O 20%gas 20%w ater 20%mud	40.89il

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Herman L Loeb LLC

20-27-18

Po Box 838
Lawrenceville IL 62439

Banta F # 1-20

Job Ticket: 50936

DST#: 1

ATTN: Jesse Middagh/ Jim H

Test Start: 2013.02.13 @ 12:21:19

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:

80000 ppm

Viscosity: 62.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	4375' GIP	0.000
150.00	G,M 40%gas 60% mud	0.738
180.00	M,W,G,O 20%gas 20%water 20%mud 40%c	0.885

Total Length: 330.00 ft

Total Volume: 1.623 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6755

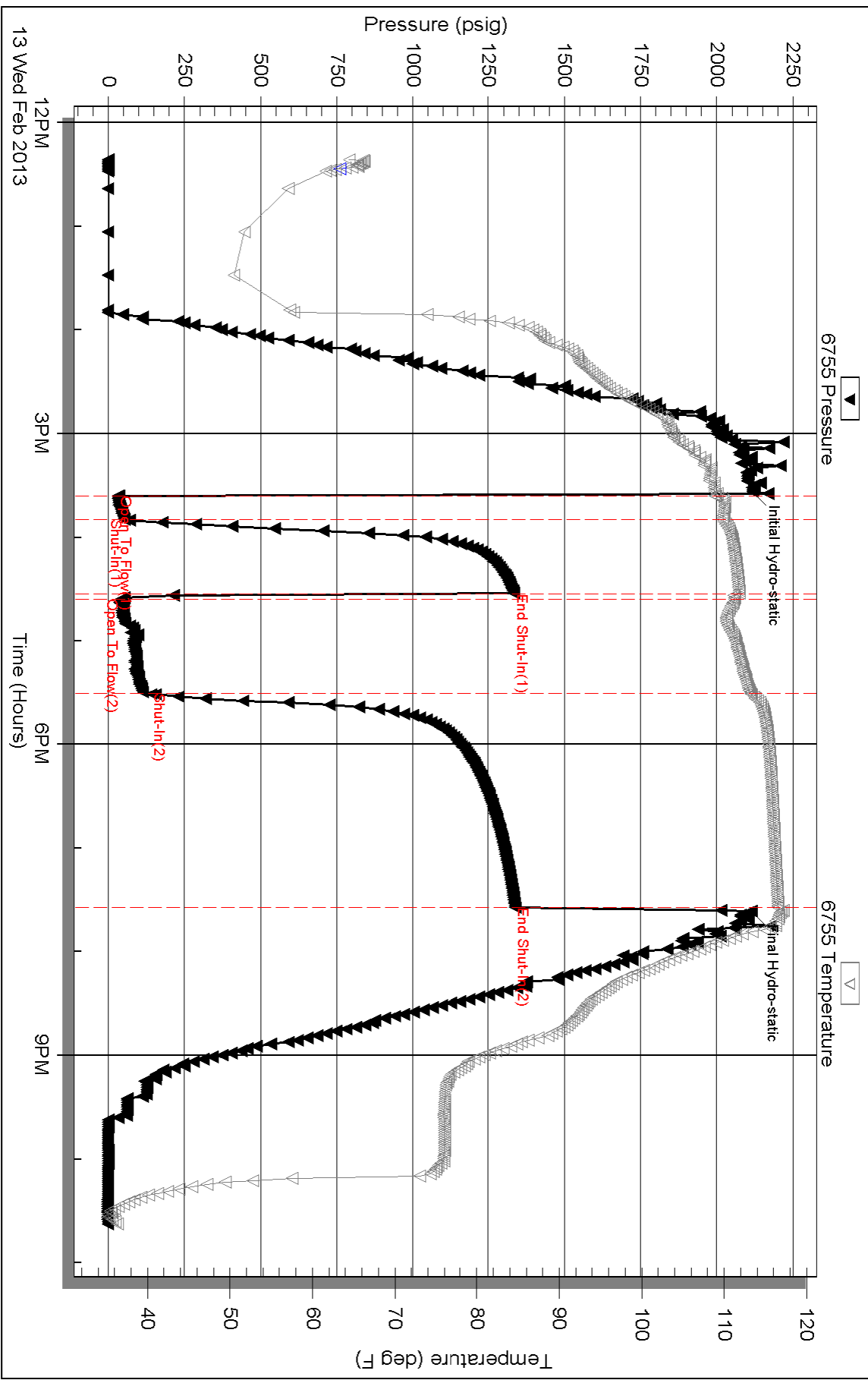
Inside

Herrman L Loeb LLC

Barita F# 1-20

DST Test Number: 1

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 50936

Printed: 2013.02.14 @ 07:21:59



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Herman L Loeb LLC

20-27-18

Po Box 838
Lawrenceville IL 62439

Banta F # 1-20

Job Ticket: 50937

DST#: 2

ATTN: Jesse Middagh/ Jim H

Test Start: 2013.02.15 @ 15:55:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:21:15

Time Test Ended: 01:32:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Chris Staats

Unit No: 47

Interval: 4723.00 ft (KB) To 4770.00 ft (KB) (TVD)

Reference Elevations: 2199.00 ft (KB)

Total Depth: 4770.00 ft (KB) (TVD)

2186.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 6755 Inside

Press @ Run Depth: 152.06 psig @ 4724.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.02.15

End Date:

2013.02.16

Last Calib.: 2013.02.16

Start Time: 15:55:05

End Time:

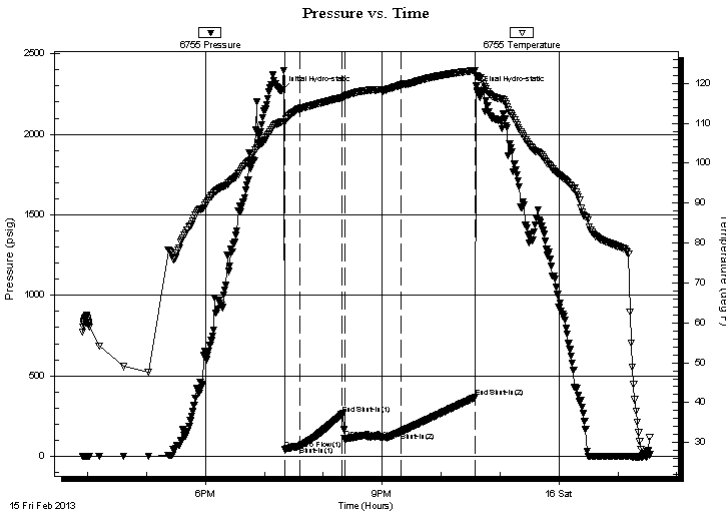
01:32:15

Time On Btm: 2013.02.15 @ 19:18:00

Time Off Btm: 2013.02.15 @ 22:36:30

TEST COMMENT: IF: Weak blow 4"
IS: No blow back
FF: Fair blow 5"
FS: No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2270.91	110.32	Initial Hydro-static
4	40.98	110.44	Open To Flow (1)
18	63.23	113.67	Shut-In(1)
61	260.93	116.43	End Shut-In(1)
64	109.33	116.54	Open To Flow (2)
121	152.06	119.59	Shut-In(2)
197	365.49	123.24	End Shut-In(2)
199	2270.84	121.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	620' GIP	0.00
280.00	G,M 2%gas 98%mud	1.38

* 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

20-27-18

Po Box 838
Lawrenceville IL 62439

Banta F # 1-20

Job Ticket: 50937

DST#: 2

ATTN: Jesse Middagh/ Jim H

Test Start: 2013.02.15 @ 15:55:00

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: 62.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	620' GIP	0.000
280.00	G,M 2%gas 98%mud	1.377

Total Length: 280.00 ft Total Volume: 1.377 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

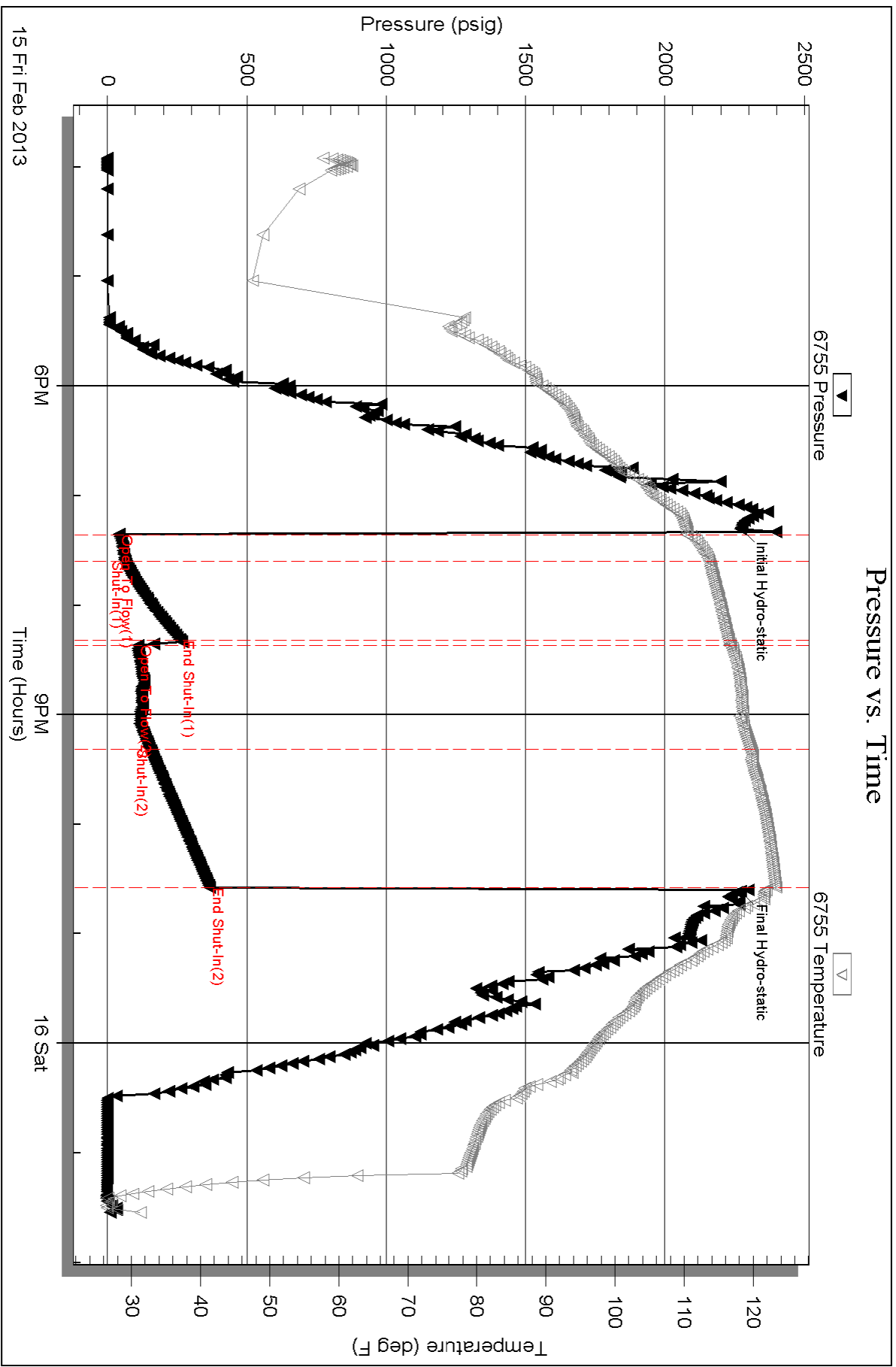
Serial #: 6755

Inside

Herrman L Loeb LLC

Barita F# 1-20

DST Test Number: 2





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Herman L Loeb LLC

20-27-18

Po Box 838
Lawrenceville IL 62439

Banta F # 1-20

Job Ticket: 50938

DST#: 3

ATTN: Jesse Middagh/ Jim H

Test Start: 2013.02.16 @ 12:55:43

GENERAL INFORMATION:

Formation: **Kinderhook Sand**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 15:32:43
 Time Test Ended: 20:54:43
 Interval: **4819.00 ft (KB) To 4837.00 ft (KB) (TVD)**
 Total Depth: 4837.00 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: 2199.00 ft (KB)
 2186.00 ft (CF)
 KB to GR/CF: 13.00 ft

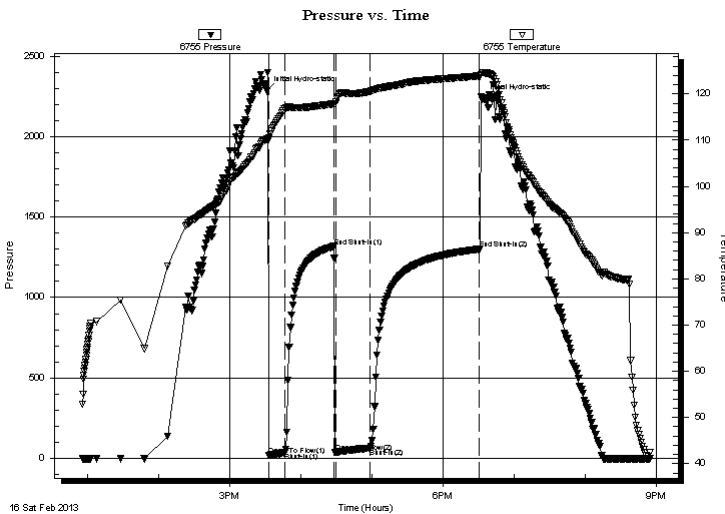
Serial #: 6755

Inside

Press @ Run Depth: 65.02 psig @ 4820.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.02.16 End Date: 2013.02.16 Last Calib.: 2013.02.16
 Start Time: 12:55:48 End Time: 20:54:42 Time On Btm: 2013.02.16 @ 15:30:58
 Time Off Btm: 2013.02.16 @ 18:33:43

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

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2282.70	110.24	Initial Hydro-static
2	18.93	110.24	Open To Flow (1)
16	39.97	116.89	Shut-In(1)
57	1317.27	117.90	End Shut-In(1)
59	38.85	118.27	Open To Flow (2)
88	65.02	120.57	Shut-In(2)
180	1300.95	123.90	End Shut-In(2)
183	2236.69	124.68	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
80.00	M,W 20% mud 80% water	0.39

* 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

20-27-18

Po Box 838
Lawrenceville IL 62439

Banta F # 1-20

Job Ticket: 50938

DST#: 3

ATTN: Jesse Middagh/ Jim H

Test Start: 2013.02.16 @ 12:55:43

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:

40 ppm

Viscosity: 63.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
80.00	M,W 20%mud 80%water	0.393

Total Length: 80.00 ft Total Volume: 0.393 bbl

Num Fluid Samples: 0

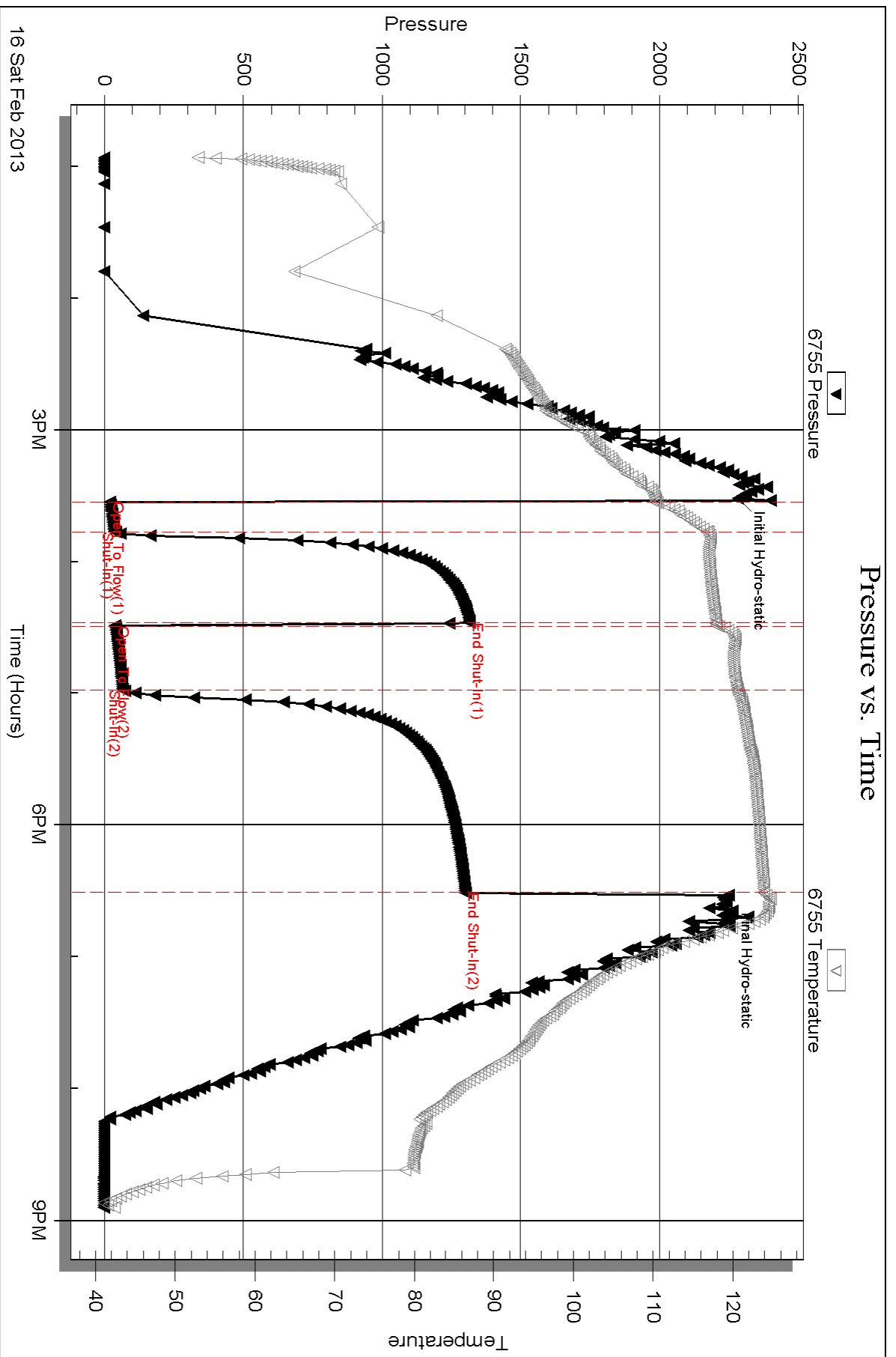
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





0076
771 Banta F
6438

PAGE 1 of 1	CUST NO 1007589	INVOICE DATE 02/12/2013
INVOICE NUMBER 1718 - 91116306		

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 Banta F 1-20
 O LOCATION
 B COUNTY Kiowa
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40563657	19905		Net - 30 days	03/14/2013

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 02/08/2013 to 02/08/2013</i>				
0040563657				
.171807844A Cement-New Well Casing/Pi 02/08/2013				
Cement 8 5/8" Surface				
A-Con Blend Common 175.00 EA 13.50 2,362.35 T				
Common Cement 175.00 EA 12.00 2,099.86 T				
Celloflake 88.00 EA 2.77 244.18 T				
Calcium Chloride 825.00 EA 0.79 649.64 T				
"Top Rubber Cmt Plug, 8 5/8"" 1.00 EA 168.74 168.74				
"8 5/8"" Guide Shoe (Red)" 1.00 EA 412.47 412.47				
Flapper Type Insert Float Valves. 8 5/8" 1.00 EA 209.99 209.99				
"8 5/8"" Basket (Blue)" 1.00 EA 236.23 236.23				
"Unit Mileage Chg (PU, cars one way)" 35.00 MI 3.19 111.56				
Heavy Equipment Mileage 70.00 MI 5.25 367.48				
"Proppant & Bulk Del. Chgs., per ton mil 578.00 EA 1.20 693.55				
Depth Charge; 501'-1000' 1.00 EA 899.94 899.94				
Blending & Mixing Service Charge 350.00 BAG 1.05 367.48				
Plug Container Util. Chg. 1.00 EA 187.49 187.49				
"Service Supervisor, first 8 hrs on loc. 1.00 EA 131.24 131.24				

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	9,142.20
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	390.99
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	9,533.19
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		



BASIC
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET

1718 07844 A

20-275-18W

DATE _____ TICKET NO. _____

DATE OF JOB 2-8-13		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 Banta "F"				WELL NO. 1-20	
ADDRESS				COUNTY Kiowa		STATE Kansas			
CITY STATE				SERVICE CREW C. Messick, M. Mattal, B. Whitfield					
AUTHORIZED BY				JOB TYPE: C.N.W. - Surface					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE 2-8-13	AMP PM	TIME 5:30
37216	1					ARRIVED AT JOB		AMP PM	8:00
1959-19,905	1					START OPERATION		AMP PM	11:30
19,826-19,860	1					FINISH OPERATION		AMP PM	12:30
						RELEASED	2-8-13	AMP PM	1:00
						MILES FROM STATION TO WELL 35			

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: Alan Latta
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP101	Acon Blend Cement	st	175	\$	3,150.00
CP100C	Common Cement	st	175	\$	2,800.00
CC102	Cellflite	Lb	88	\$	325.60
CC109	Calcium Chloride	Lb	825	\$	866.25
CF105	Top Rubber Plug, 8 5/8"	ea	1	\$	225.00
CF203	Guide Shoe, 8 5/8"	ea	1	\$	550.00
CF1453	Insert Float Valve, 8 5/8"	ea	1	\$	280.00
CF1903	Basket, 8 5/8"	ea	1	\$	315.00
E100	Pickup Mileage	mi	35	\$	148.75
E101	Heavy Equipment Mileage	mi	70	\$	490.00
E113	Bulk Delivery	tm	578	\$	924.00
CE201	Cement Pump: 501 Feet To 1,000 Feet	hrs	4	\$	1,200.00
CE240	Blending and Mixing Service	st	350	\$	490.00
CE504	Plug Container	Job	1	\$	250.00
S003	Service Supervisor	hrs	8	\$	175.00

SUB TOTAL
DLS \$ 9,142.20

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	% TAX ON \$
MATERIALS	% TAX ON \$
TOTAL	

SERVICE REPRESENTATIVE <u>R. M. Latta</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>Alan Latta</u>
---	---

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

Customer Herman L. Loeb, LLC.	Lease No.	Date 2-8-13
Lease Banta "F"	Well # 1-20	
Field Order # 7844	Station Pratt, Kansas	Casing 8 7/8 23Lb
Type Job C.N.W. - Surface	Formation	Depth 563 Feet
		County Iowa
		State Kansas
		Legal Description 20-275-18W

PIPE DATA		PERFORATING DATA		CEMENT USED		TREATMENT RESUME	
Casing Size	Tubing Size	Shots/Ft		Rate	Press	ISIP	
8 7/8 23Lb/ft		175	sacs A-CON Blend cement with	5 Lb./st.	cell plate	5 Min.	
Depth 563 Feet	Depth	From	To 38 Calcium Chloride .2	Max			
Volume 36 Bbl	Volume	From	To 12 Lb./Gal., 14.49 cu. ft.	Min	2.47 cu. ft./st.	10 Min.	
Max Press 350 P.S.I.	Max Press	From	To 75 sacs common cement with	Avg	28 Calcium Chloride .25 Lb./st.	15 Min.	
Well Connection Plug Cont. inner	Annulus Vol.	From	To 15.6 Lb./Gal., 5.23 Gal./st.	HHP Used	1.20 cu. ft./st.	Annulus Pressure	
Plug Depth 52 Feet	Packer Depth	From	To	Flush	33.3 Bbl. Fresh Water	Gas Volume	Total Load

Customer Representative Allan	Station Manager David Scott	Treater Clarence R. Messich
----------------------------------	--------------------------------	--------------------------------

Service Units	37,216	19,959	19,905	19,826	19,860				
Driver Names	Messich	Mattal	Whitfield						

Time (A.M.)	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
8:00					Trucks on location and hold safety meeting.
10:50					Sterling Drilling start to run cement Bottom Guide Shoe, Shoe Joint with Auto Fill. Insert screwed into collar and a total of 13 Joints new 23Lb/ft. 8 7/8" casing. A Basset was installed above collar # 11.
11:40					Casing in well. Circulate for 5 minutes.
11:55	250			5	Start Freshwater Pre-Flush.
	275		10	6	Start mixing 175 sacs A-CON Blend cement.
	175		87	5	Start mixing 175 sacs common cement.
	0		124		Stop pumping. Shut in Well. Release Top Rubber Plug. Open Well.
12:16	100			5	Start Freshwater Displacement.
12:30	350		33.3		Plug down. Circulated cement to the cellar. Open release. Insert held. Washup pump truck.
1:15					Job Complete. Thank You. Clarence, Mite, Bryan



BASIC
ENERGY SERVICES

6076
711 BANTA F
6438

PAGE 1 of 1	CUST NO 1007589	INVOICE DATE 02/25/2013
INVOICE NUMBER 1718 - 91126139		

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 Banta F 1-20
O LOCATION
B COUNTY Kiowa
S STATE KS
I JOB DESCRIPTION Cement-New Well Casing/Pi
T JOB CONTACT
E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40567469	19905		Net - 30 days	03/27/2013

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 02/18/2013 to 02/18/2013</i>				
0040567469				
171808051A Cement-New Well Casing/Pi 02/18/2013 Cement 5 1/2" Longstring				
50/50 POZ	250.00	EA	8.25	2,062.37 T
Celloflake	63.00	EA	2.77	174.82 T
Gypsum	1,050.00	EA	0.56	590.59 T
FLA-322	105.00	EA	5.62	590.59 T
Gilsonite	1,500.00	EA	0.50	753.71 T
Mud Flush	1,000.00	EA	0.64	644.97 T
KCL Potassium Chloride	566.00	EA	1.12	636.72 T
Claymax KCL Substitute	5.00	EA	26.25	131.24 T
"Latch Down Plug & Baffle, 5 1/2" (Blu	1.00	EA	299.98	299.98
"Auto Fill Float Shoe 5 1/2" (Blue)"	1.00	EA	269.99	269.99
"Turbolizer, 5 1/2" (Blue)"	12.00	EA	82.50	989.95
"5 1/2" Basket (Blue)"	1.00	EA	217.49	217.49
"Cement Scratchers Cable Type, 5 1/2" "	6.00	EA	56.25	337.48
"Unit Mileage Chg (PU, cars one way)"	35.00	MI	3.19	111.56
Heavy Equipment Mileage	70.00	MI	5.25	367.48
"Proppant & Bulk Del. Chgs., per ton mil	368.00	EA	1.20	441.58
Depth Charge; 4001'-5000'	1.00	EA	1,889.90	1,889.90
Blending & Mixing Service Charge	250.00	BAG	1.05	262.49
Plug Container Util. Chg.	1.00	EA	187.49	187.49
"Service Supervisor, first 8 hrs on loc.	1.00	EA	131.24	131.24

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	11,091.64
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	407.71
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	11,499.35
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 ~~00052~~ A
Continuation

20-275-18W

DATE _____ TICKET NO. 8051

DATE OF JOB 2-18-13		DISTRICT _____		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 Banta "F"				WELL NO. 1-20	
ADDRESS _____				COUNTY Kiowa		STATE Kansas			
CITY _____ STATE _____				SERVICE CREW C. Messick, M. Mattal, J. Pierson					
AUTHORIZED BY _____				JOB TYPE: C.N.W. - Longstring					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	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
P E 100	Pickup Mileage	mi	35	\$	148 75
P E 101	Heavy Equipment Mileage	mi	70	\$	490 00
P E 113	Bulk Delivery	tm	368	\$	588 00
P CE 205	Cement Pump: 4,000 Feet To 5,000 Feet	hrs	4	\$	2,520 00
P CE 240	Blending and Mixing Service	slr	250	\$	350 00
P CE 504	Plug Container	Job	1	\$	250 00
P S003	Service Supervisor	hrs	8	\$	175 00

CHEMICAL / ACID DATA:			

SUB TOTAL		NLS \$ 11,091 64
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. _____

Customer Herman L. Loeb, LLC.	Lease No.	Date 2-18-13
Lease Banta "F"	Well # 1-20	
Field Order # 8051	Station Pratt, Kansas	Casing 5 1/2 15.5 LB
Type Job C.N.W. - Longstring	Formation	Depth 4,875 ft.
		County Iowa
		State Kansas
		Legal Description 20-215-18W

PIPE DATA		PERFORATING DATA		CEMENT USED		TREATMENT RESUME	
Casing Size 5 1/2 15.5 LB/ft.	Tubing Size 4.875 Feet	Shots/Ft 200	From To	200 sacks 50/50 Poz with 28 Gel.	Rate 1.58	Pressure 58 kCL	ISIP 5 Min.
Depth 4,875 Feet	Volume 116 Bbl.	From To	From To	14 LB/Gal, 5.4 Gal/stk.	Max 6.7	Min 1.3	10 Min 15 Min
Max Press 1,500 P.S.I.	Max Press	From To	From To	Avg			
Well Connection Plug Depth 4,875 Feet	Annulus Vol. Racker Depth	From To	From To	HHP Used Gas Volume			Annulus Pressure Total Load

Customer Representative George Payne	Station Manager David Scott	Treater Clarence R. Messich
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Service Units	37,216	19,959	19,905	19,960	21,010
Driver Names	Messich	Mattal	Pierson		

Time A.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1:45					Trucks on location and hold safety meeting.
3:30					Sterling Drilling start to run Auto Fill Float Shoe, Shoe Joint with Latch Down Baffle screwed into Collar and a total of Joints new 15.5 LB/ft. 5 1/2" casing. A Basket was installed above Collar #14. A Turbolizer was installed on Collars #1, 2, 3, 4, 5, 8, 10, 12, 17, 22 and #27. Casing in well. Circulate for 1 hour.
8:16		2,500			Shut in well. Pressure Test. Open well.
8:18	300			6	Start Fresh water Pre-Flush.
	300		20	6	Start mud Flush.
	300		44	6	Start Fresh water Spacer.
8:28	400		64	5	Start mixing 200 sacks 50/50 Poz cement.
	-0-		112		Stop pumping. Shut in well. Wash pump and lines. Release Latch Down Plug. Open Well.
8:40	100			6.5	Start 28 kCL Displacement.
				5	Start to lift cement.
9:00	800		115.6		Plug down.
	1,500				Pressure up.
					Release pressure. Float Shoe held.
no	-0-		7.5	3	Plug Rat and mouse holes.
					Wash up pump truck.
9:45					Job Complete.
					Thank You.
					Clarence, Mike, Jesse