

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1333706
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: _____

1333706

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> _____ <input type="checkbox"/> Commingled <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	HERMAN L. LOEB, LLC
Well Name	YOST 'C' 2-25
Doc ID	1333706

All Electric Logs Run

ACRT (DIL)
NEU/DEN w/PE
Microlog
Sonic

Form	ACO1 - Well Completion
Operator	HERMAN L. LOEB, LLC
Well Name	YOST 'C' 2-25
Doc ID	1333706

Tops

Name	Top	Datum
Stotler LS	3535	-1223
Heebner SH	4186	-1874
Toronto	4201	-1889
Lansing 'A'	4378	-2066
Lansing 'B'	4398	-2086
KC 'H' Drum	4547	-2235
Stark SH	4694	-2382
Base KC	4783	-2471
Marmaton	4832	-2520
Cherokee SH	4917	-2605
Miss Chert	4967	-2655
Miss LS	5016	-2704
Viola	5191	-2879

LITHOLOGY STRIP LOG

WellSight Systems

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

Well Name: Yost 'C' #2-25
Location: 2286' FSL & 750' FEL, Sec. 25-T29S-R19W, Kiowa Co., KS.
Licence Number: 15-097-21824-00-00 Region: Nichols Field
Spud Date: 9/15/2016 Drilling Completed: 9/25/2016
Surface Coordinates: 2286' FSL & 750' FEL, Sec. 25-T29S-R19W

Bottom Hole Same as Above
Coordinates:
Ground Elevation (ft): 2301' K.B. Elevation (ft): 2312'
Logged Interval (ft): 3500' To: 5350' Total Depth (ft): 5350'
Formation: Viola at Total Depth
Type of Drilling Fluid: Freshwater/Gel to 3307'; Chemical Gel 3307' to 5350'

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

OPERATOR

Company: Herman L. Loeb, LLC.
Address: P.O. Box 838
Lawrenceville, IL. 62439-0838

GEOLOGIST

Name: Jon D. Christensen
Company: Consulting Petroleum Geologist
Address: 277 S. Maple Dunes Court
Wichita, KS. 67235-7500

Cores

None Taken

DSTs

DST #1(Lansing 'B' zone) 4390' - 4423'(Corrected Depths to Log) Test Times 15"-45"-45"-90" IFP Strong Blow/Gas to Surface in 3 Min., Gauged 528.9 MCFG/15", FFP Gas to Surface Gauged 121.2 MCFG/45 Min., Blow would not bleed off during FSI; REC: 400' G&WCMO(21%G, 42%O, 12%M, 15%W), 630' SW(CI 130,000 - MudCo.); IFP 263-271#, ISIP 1426#, FFP 252-547#, FSIP 1398#, IHP 2175#, FHP 2107#, BHT 116 Deg. F.

DST #2(Kansas City 'H' zone) 4538' - 4562'(Corrected Depths to Log) Test Times 15"-45"-45"-90" IFP Strong Blow BOB/45 Sec. Gas to Surface in 15", 4" Blowback on ISI; FFP Gas to Surface Gauged Max. 12.0 MCFG, BOB Blowback on FSI; REC: 275' CGO(39.9 Deg. API), 140' GMCO(20%G, 40%O, 40%M), 50' HGCMWO(51%G, 39%O, 5%W, 5%M) Not enough water for CI measurement; IFP 60-73#, ISIP 1215#, FFP 80-185#, FSIP 1079# and Building; IHP 2247#, FHP 2174#, BHT 117 Deg. F.

DST #3(Miss. Chert) 4988' - 5019'(Corrected Depths to Log) Test Times 15"-45"-45"-90" IFP Strong Blow BOB/8 Min., FFP Strong Blow throughout, no Gas to Surface, 6" Blowback and Gas to Surface during FSIP(burns bright orange flame); REC: 20' SI. Oil Specked mud, no water; IFP 23-28#, ISIP 290#, FFP 18-34#, FSIP 289#, IHP 2491#, FHP 2410#, BHT 120 Deg. F.

Comments

9/15/16 MIRU Sterling Drilling Co. Rig #4, Spud at 6:45 PM.; 9/16/16 TD. 650' - Trip out to run Surface Casing; 9/17/16 TD. 650' - WOC; 9/18/16 Drilling at 2225'; 9/19/16 Drilling at 3560'; 9/20/16 Drilling at 4170'; 9/21/16 TD. 4425' - TOH with DST #1; 9/22/16 TD. 4564' - TOH with DST #2; 9/23/16 Drilling at 4838'; 9/24/16 TD. 5021' - DST #3; 9/25/16 TD. 5204' - Bit Trip - reached Total Depth of 5350' at 11:45 PM.; 9/26/16 RTD. 5350', LTD. 5349' - Logging well; 9/27/16 Production Casing Set.

Set new 8 5/8"(23#) Surface Casing at 646' KB. with 350 sacks cement(Basic Energy Services). Cement Did Not Circulate. PD. at 10:00 AM. on 9/16/16. Used 205 sacks of cement through 1" to fill to bottom of cellar.

Set new 5 1/2"(15.5#) Production Casing at 5132' KB. with 330 sacks of "Loeb Blend" Cement(Basic Energy Services). PD. at 3:30 AM. on 9/27/16. Supervised by George Payne, Petroleum Engineer.

Surveys: 0.75 Deg. at 650'(Surface Casing); 0.75 Deg. at 4103'(Bit Trip); 0.50 Deg. at 4425'(DST #1); 0.75 Deg. at 5021'(DST #3); 1.25 Deg. at 5350' RTD.


Pipe Strap at 4103'(Bit Trip): Strap 0.43' Long to the Board, no correction made to the Board.

After review of the Halliburton Logs, DST data and good Structural position, the operator elected to set new 5 1/2" Production Casing for completion in the Kansas City 'H' zone, Lansing 'B' zone and Mississippian at a later date. The Stotler Lmst. should be evaluated prior to P & A of the Yost 'C' #2-25. A 74 Unit gas kick was logged while drilling with the PDC bit.




















































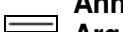



















LOG TOPS: Stotler Lmst. 3535(-1223), Heebner Shale 4186(-1874), Toronto 4201(-1889), Brown Lmst. 4362(-2050), Lansing 'A' 4378(-2066), Lansing 'B' 4398(-2086), Kansas City 'H' Drum 4547(-2235), Stark Shale 4694(-2382), Base Kansas City 4783(-2471), Marmaton 4832(-2520), Cherokee Shale 4917(-2655), Miss. Chert 4967(-2655), Miss. Lmst. 5016(-2704), Kinderhook Shale 5178(-2866), Viola 5191(-2879).

NOTE: This log was shifted upward by 2' to 4' for correlation purposes with the Halliburton Logs.

ROCK TYPES

 Anhy  Bent  Brec  Cht	 Clyst  Coal  Congl  Dol	 Gyp  Igne  Lmst  Meta	 Mrlst  Salt  Shale  Shcol	 Shgy  Sltst  Ss  Till
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ACCESSORIES

MINERAL  Anhy  Arggrn  Arg  Bent  Bit  Brecfrag  Calc  Carb  Chtdk  Chtlt  Dol  Feldspar  Ferrpel  Ferr  Glau	 Gyp  Hvymin  Kaol  Marl  Minxl  Nodule  Phos  Pyr  Salt  Sandy  Silt  Sil  Sulphur  Tuff	FOSSIL  Algae  Amph  Belm  Bioclst  Brach  Bryozoa  Cephal  Coral  Crin  Echin  Fish  Foram  Fossil  Gastro  Oolite	 Ostra  Pelec  Pellet  Pisolite  Plant  Strom STRINGER  Anhy  Arg  Bent  Coal  Dol  Gyp  Ls  Mrst	 Sltstrg  Ssstrg TEXTURE  Boundst  Chalky  Cryxln  Earthy  Finexln  Grainst  Lithogr  Microxln  Mudst  Packst  Wackest
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OTHER SYMBOLS

- POROSITY**
 [E] Earthy
 [F] Fenest
 [X] Fracture
 [M] Inter
 [O] Moldic
 [P] Organic
 [P] Pinpoint

- Vuggy
SORTING
 [W] Well
 [M] Moderate
 [P] Poor

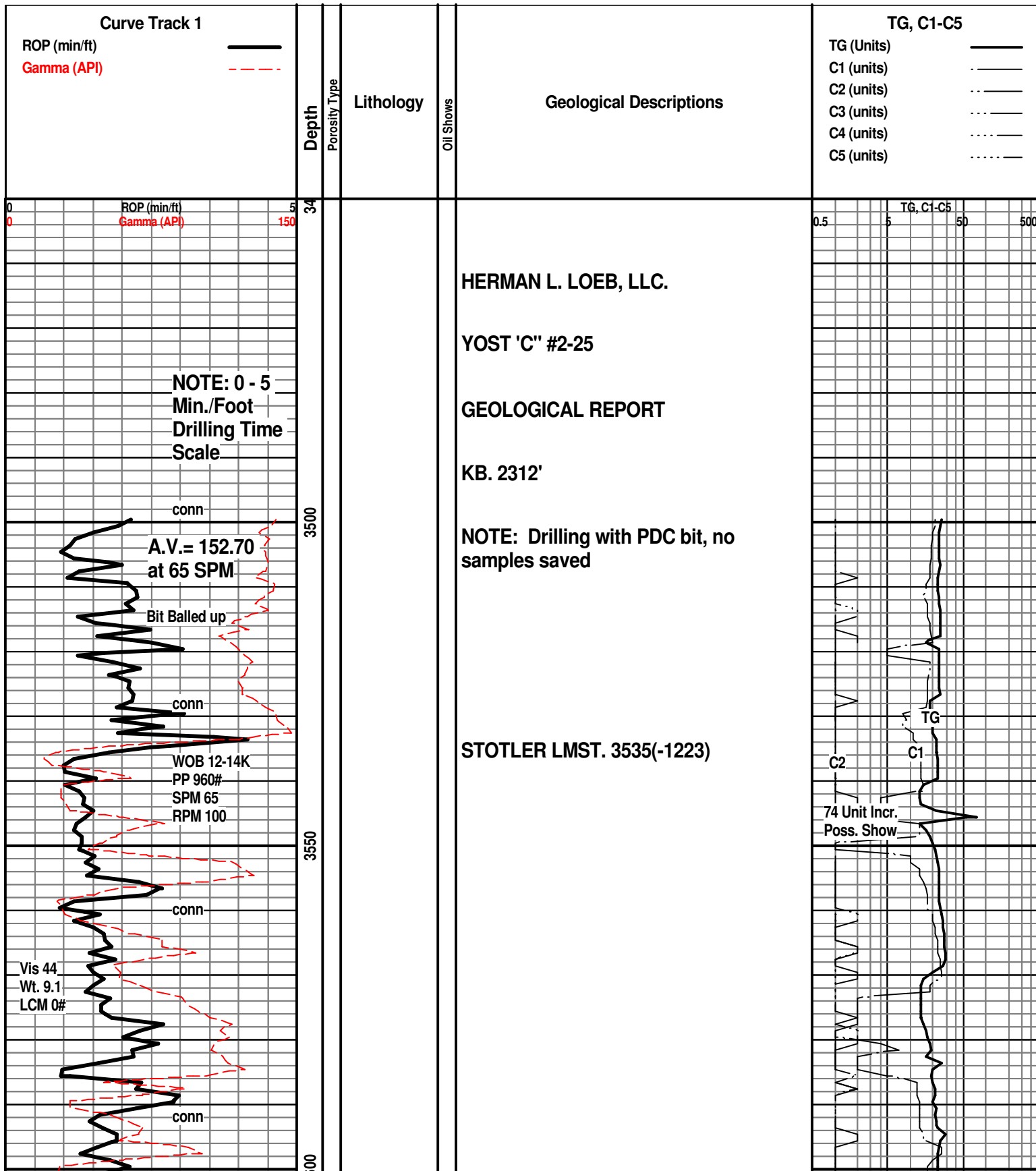
- ROUNDING**
 [R] Rounded
 [r] Subrnd
 [a] Subang
 [A] Angular

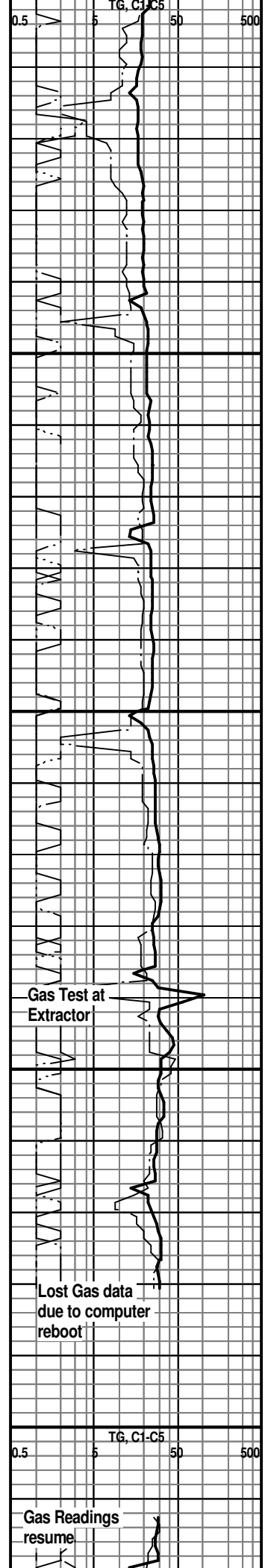
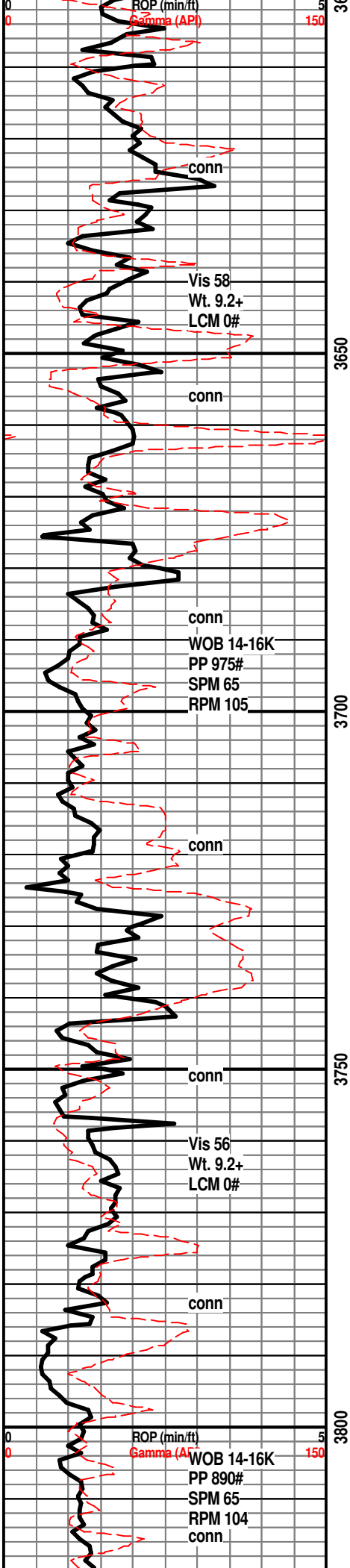
- Spotted
 [O] Ques
 [D] Dead

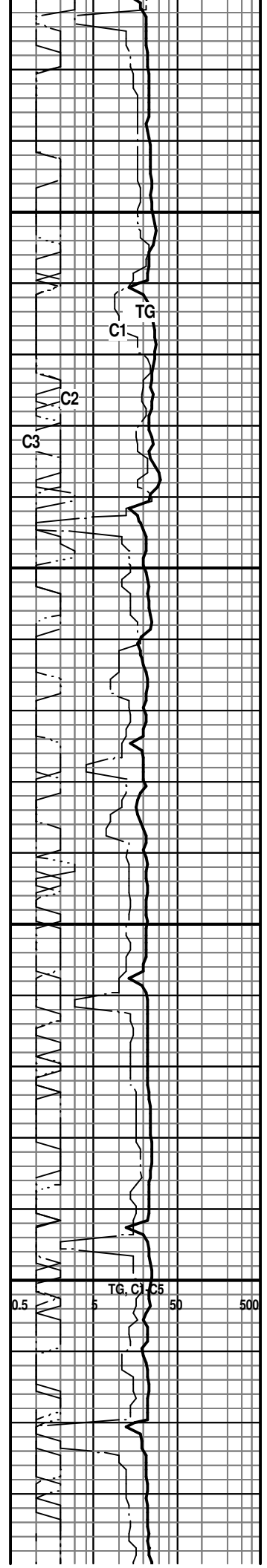
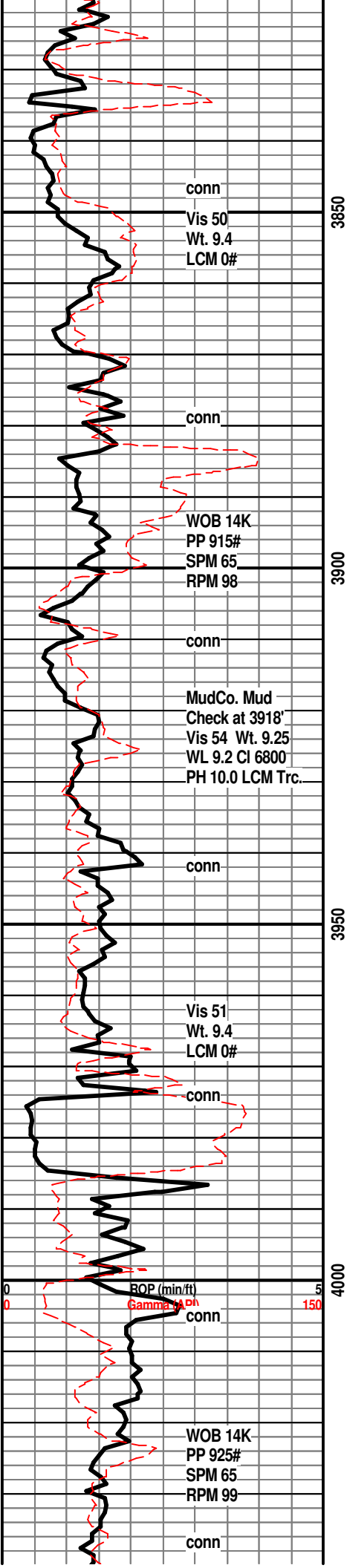
- EVENT**
 [▽] Rft
 [▲] Sidewall

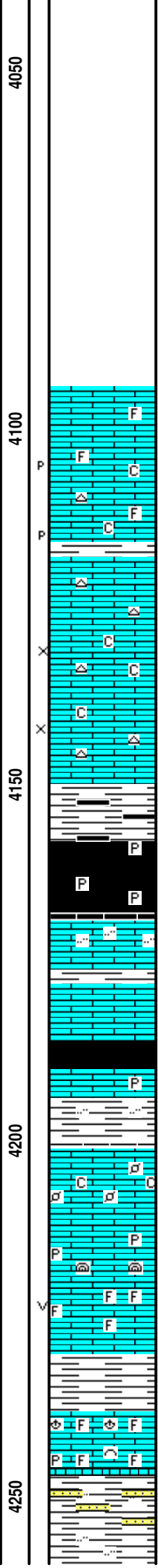
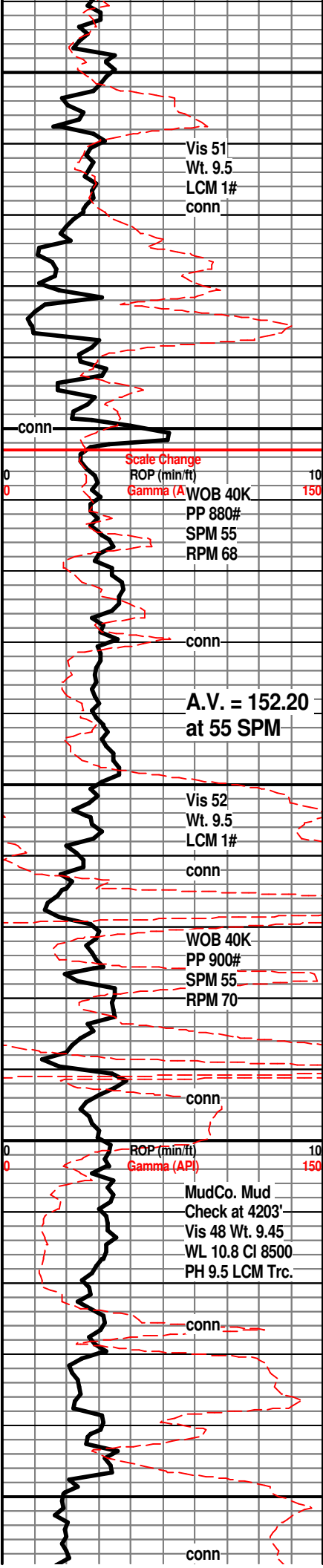
- INTERVAL**
 [■] Core
 [□] Dst

- OIL SHOW**
 Even









BIT TRIP AT 4103'

DRILLING WITH BUTTON BIT

Start 10' Wet and Dry Samples

LM; lt gy to lt brn, off wh, scat foss mat, most well cem, dull to lt yel fluor, rare p-p por, minor chalky mtx, ns.

LM; tan to lt brn, f to med xln, scat poor interxln por, rare wh cht, lt yel min fluor, no stn or odor, ns.

LM; tan to med brn, some blocky - micritic, interbdd med xln lmst w/partly chalky mtx, dull to lt yel min fluor, no stn or odor, scat gy fresh cht, ns.

SH; dk gy, some blk, platy

SH; blk, carb, gassy ip w/faint gas odor, occ dissem. pyr

LM; tan to lt brn, gritty text - silty ip, well cem, no vis por, no fluor, ns.

LM; lt to med brn, gy brn, blocky, tite

HEEBNER SHALE 4186(-1874)

SH; blk, carb ip, trc gas w/faint gas odor

LM; med brn, blocky, trc pyr, tite

SH; med grn, silty ip, firm

TORONTO 4201(-1889)

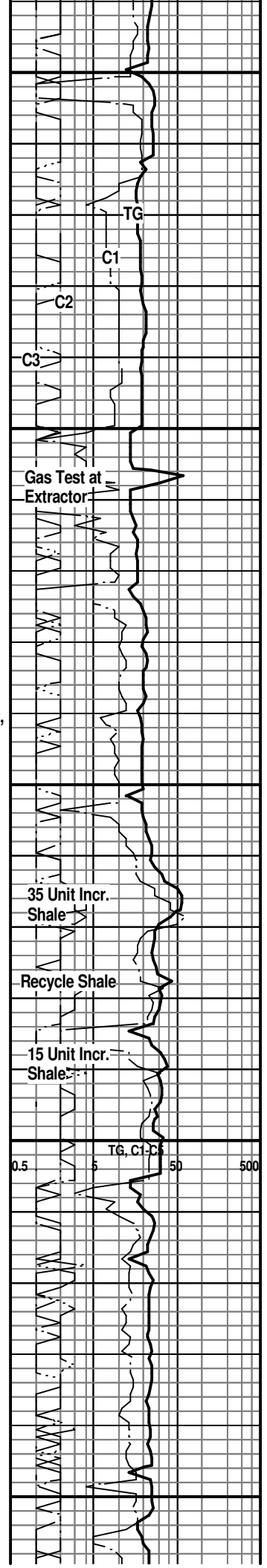
LM; off wh, tan, fxln w/rare small foss pellets, partly chalky - soft, lt yel fluor, no stn, ns.

LM; wh, off wh, tan, foss w/scat well cem algal mat, some pyr, dull yel min fluor, no vis por, no stn or odor, interbdd fxln lmst w/scat vug por, ns.

SH; lt to med gy, platy

LM; med to dk gy, gy brn, v. foss, well cem, no vis por, lt yel min fluor, rare pyr, ns.

SH; lt to med gy, some rust red, platy, occ silty, interbdd hd well cem vf gr qtz ss



WOB 40K
PP 880#
SPM 55
RPM 66

conn
Vis 51
Wt. 9.4+
LCM 1#

conn
WOB 40K
PP 920#
SPM 55
RPM 68

conn A.V.= 152.05
at 55 SPM

conn
Vis 56
Wt. 9.3
LCM 3#

ROP (min/ft) 0 to 10
Gamma (A) 0 to 150
DST #1
Lansing 'B'
Zone
4390' - 4423'

conn
CFS. at 4423'

MudCo. Mud
Check at 4425'
Vis 54 Wt. 9.45
WL 7.6 CI 7800
PH 9.5 LCM 2#

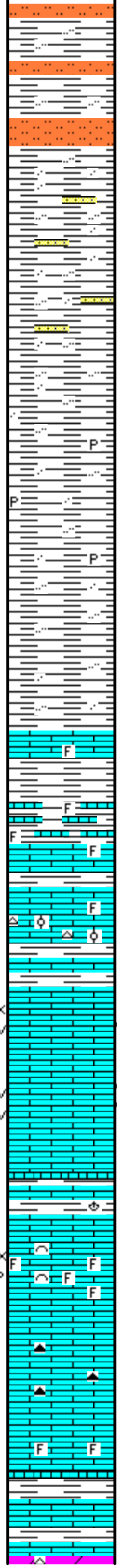
conn
WOB 40K
PP 800#
SPM 55
RPM 69

4300

4350

4400

4450



SH; lt gy, rare med gy, v. silty to sandy, interbdd sltst, platy

SH; lt gy, silty to sandy, occ vf gr mica qtz ss interbdd

SH; lt to med gy, platy, silty to sandy, scat pyr

SH; lt to med gy, silty, platy

BROWN LMST. 4362(-20502)
LM; med brn, foss ip, blocky, tite

SH; med to dk gy, some brn, lmy ip, firm, occ foss

LANSING 'A' 4378(-2066)
LM; med brn, tan, blocky, rare foss, most tite

LM; tan to lt brn, buff, fxl n w/rare foss mat, scat gy oolitic cht, most tite, dull yel fluor, no vis stn, no odor, no gas kick

LANSING 'B' 4398(-2086)
LM; tan to off wh, f to med xln, fair interxln w/scat lrg vug por, few gas bubbles, faint gas odor, lt yel to occ brite yel fluor, trc lt brn oil stn

LM; lt gy, lt brn, med xln w/fairly well dev. vug por, much brite yel fluor, spotted to even lt brn oil stn, SSFO, gd odor, most with gd cut, some barren por, sl. sulfur odor in 60 min. sample

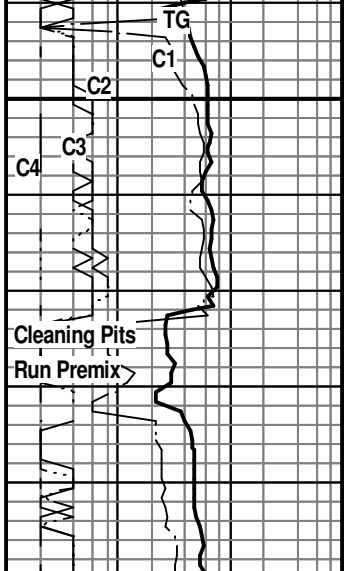
DST #1: Lansing 'B' 4390' - 4423'
Corrected Depths to Log
SH; lt to med gy, smooth, foss ip.

LM; tan to buff, lt brn, highly foss, scat opaque spar calc, fair to gd interpart w/p-p por, v. dull yel min fluor, no stn or odor, ns.

LM; lt to med brn, blocky, most micritic, scat dk gy cht, no vis por, ns.

LM; lt to med brn, foss ip, hd, well cem, tite

SH; grn, gy grn, platy



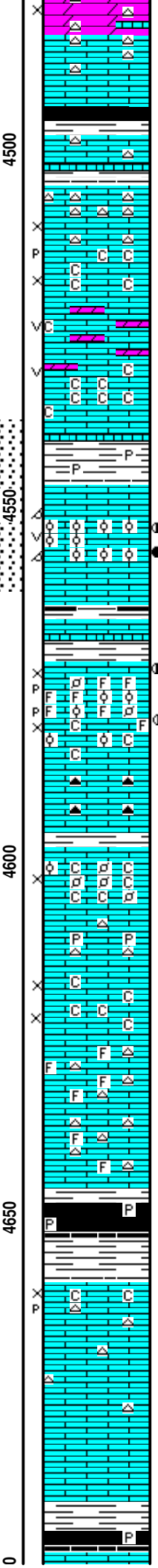
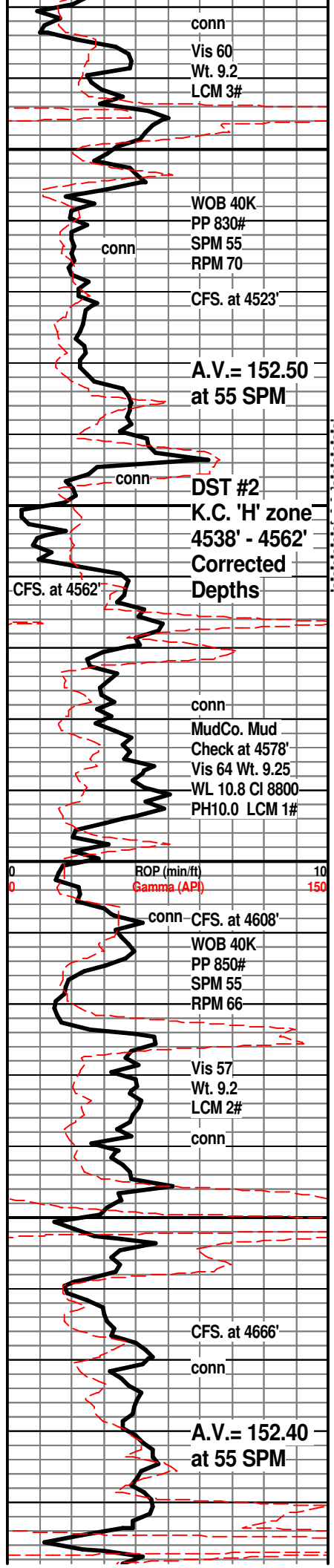
Cleaning Pits
Run Premix

48 Unit Incr. SHOW

52 Unit Incr. SHOW

Mud is Hvy Gas cut after DST #1

Mud still very gassy



DOL; tan to lt brn, sacrosic, lmy ip w/lmy dolo, soft, gd interxn por, scat off wh to lt gy cht, no fluor, no stn or odor, ns.

SH; dk gy, trc blk, platy

LM; tan to buff, cream, fxln, scat off wh to tan cht, no vis por, no fluor, ns.

LANSING 'G' POROSITY 4505(-2196)
 LM; off wh, wh, buff, f to med xln, very cherty w/abnt tan/gy/brn fresh cht, poor interxn w/occ p-p por, interbdd soft chalky lmst, dull yel fluor, no vis stn, poss. slight sulfur odor, quest. gas kick, no gas bubbles or sample shows

LM; tan to cream, lt brn, fxln w/sucrosic text, partly dolomitic, scat fair vug por, chalky ip, no fluor, no stn or odor, ns.

LM; tan to cream, wh, v. chalky, ns.

SH; med to dk gy, platy, pyr ip.

KANSAS CITY 'H' 4547(-2235)
 LM; tan to off wh, lt brn, oolitic, well dev. oomoldic por, most med size molds, scat vug por, brittle ip, dull to occ med yel fluor, few gas bubbles, fair gas odor, sev. pcs in 60 Min. sample with lt brn spotted to even oil stn.

DST #2: K.C. 'H' zone 4538' - 4562'

LM; tan to buff, foss, fair interpart w/scat p-p por, some calc overgrowths, spotted lt brn oil stn, faint/fair odor, med yel fluor, fair cut

LM; off wh, wh, tan, highly foss, oolitic ip, most well cem, poor to fair interpart and p-p por, spotted lt brn oil stn in few pcs, some barren por, minor chalky mtx, no odor, fair cut

LM; tan to cream, blocky, scat dk brn cht, tite

LM; tan to off wh, foss w/abnt small oolites and pellets, some fxln, abnt soft chalky mtx, fair interpart por, no fluor, no stn/odor, no gas kick

LM; med gy, gy brn, dense, scat gy to brn cht, rare pyr, tite

LM; tan to cream, off wh, fxln, fair to gd interxn por, chalky mtx, soft ip, no flour, no stn or odor, ns.

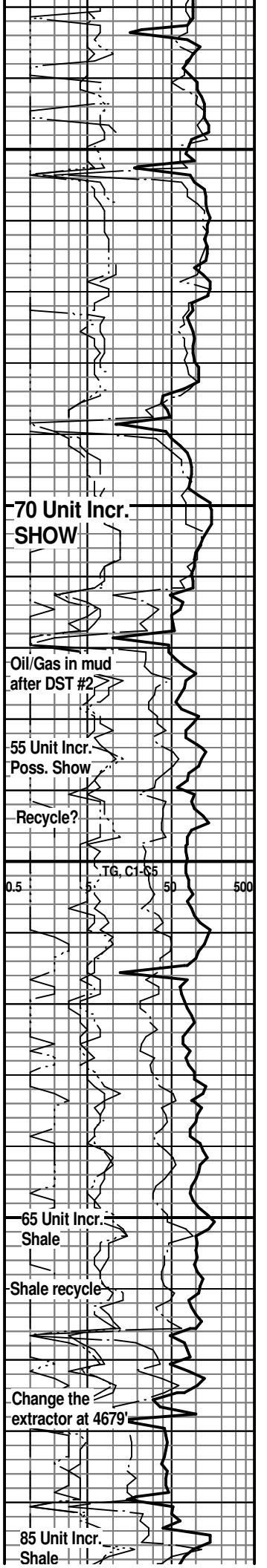
LM; lt brn, micritic, hd, interbdd gy and brn occ foss cht, no vis por, ns.

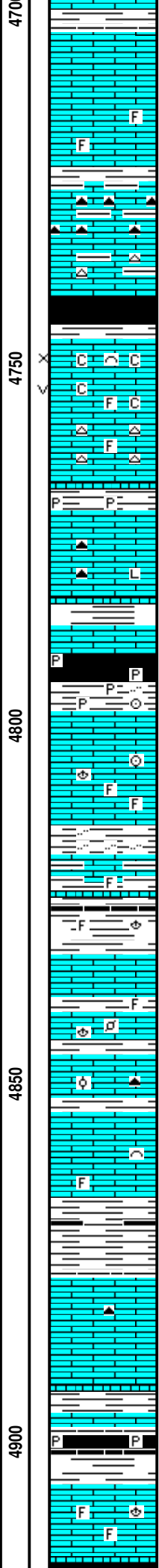
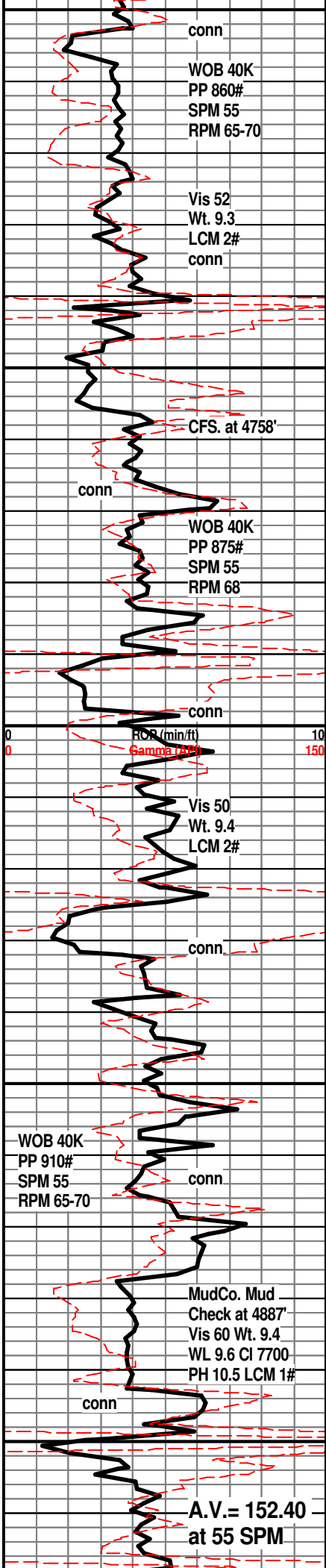
SH; blk, carb, blocky, scat pyr, trc gas

KANSAS CITY DENNIS 'J' 4659(-2347)
 LM; tan to cream, buff, fxln w/scat poor to fair interxn and p-p por, minor chalky mtx, no vis stn, no odor, no sample shows

LM; tan to buff, fxln to dense, cherty ip, no vis por, no fluor, no stn or odor, ns.

STARK SHALE 4694(-2382)
 SH; blk, carb, gassy, trc pyr





SWOPE 4703(-2391)

LM; tan to lt brn, fxln, some sucrosic text, lt yel min fluor, no vis por, no stn or odor, ns.

LM; lt gy to lt brn, foss ip, well cem, lt yel min flour, no stn or odor, ns.

LM; med brn, micritic, scat blk/dk gy cht, some tan foss cht, tite, interbdd argil lmst

SH; blk, v. dk gy, soft to blocky, carb ip.

HERTHA 4746(-2434)

LM; tan to off wh, lt brn, fxln, scat foss mat, fair to occ gd interxln w/small vug por, occ soft chalky mtx, interbdd sucrosic text dolomitic lmst, lt yel min fluor, no vis stn, no odor, no gas kick

LM; lt to med brn, foss ip, hd, cherty, tite

SH; med gy, platy, smooth, occ pyr

LM; med to dk brn, some gy brn, hd, micritic, occ litho, rare smoky cht, ns.

BASE KANSAS CITY 4783(-2471)

SH; grn, rust red/maroon, blk, platy, occ pyr, scat foss mat.

LM; wh, off wh, buff, foss w/occ med-cse xln, well cem, lt yel min fluor, no vis por, no stn or odor, ns.

LM; lt to med brn, dense, blocky, rare foss, some argil, tite

SH; med gy grn, rare dk gy - blk, trc yel, foss ip

MARMATON 4832(-2520)

LM; tan to lt brn, hd, micritic, blocky, tite

ALTAMONT 4840(-2528)

LM; lt brn, foss ip, scat well cem pellets/rare oolites, hd, scat amber cht, no fluor, ns.

LM; lt brn, tan, fxln to micritic, rare foss mat, no vis por, no fluor, ns.

SH; med gy, gy grn, some rust red, trc blk, flakey

PAWNEE 4877(-2565)

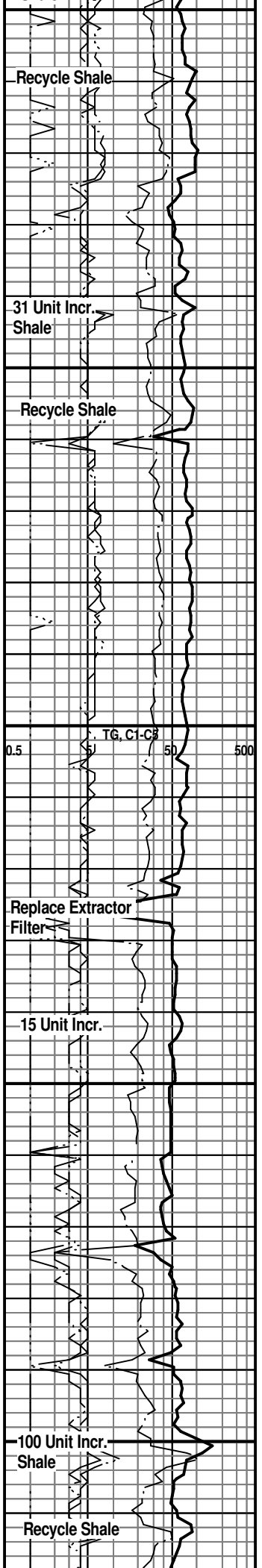
LM; tan to lt brn, buff, fxln to dense, blocky, no vis por, dull to lt yel min fluor, no stn or odor, rare amber cht, ns.

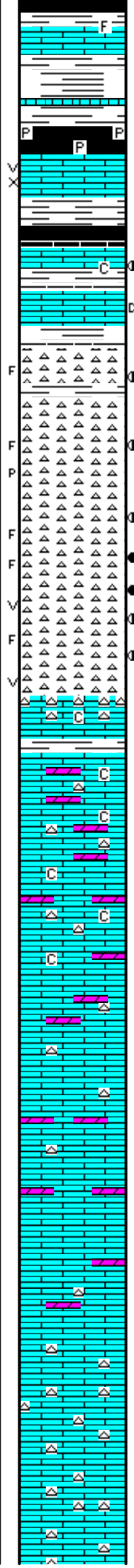
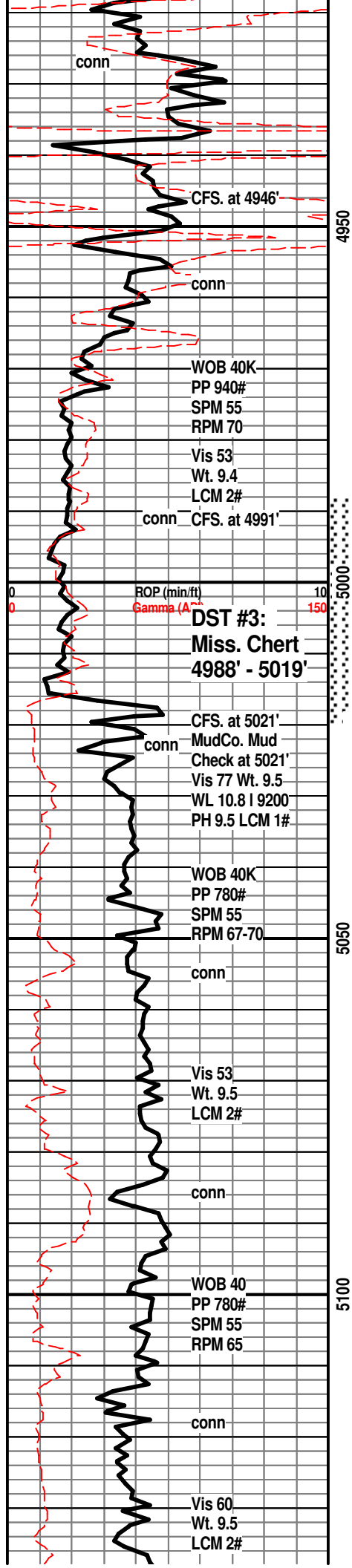
SH; grn, gy grn, smooth

SH; blk, carb, gassy, occ pyr

LM; med brn, foss ip, scat cse spar calc xtals, lt yel min fluor, no vis por, ns.

CHEROKEE SHALE 4917(-2605)





SH; blk, platy, occ carb

LM; lt to med brn, micritic, rare foss, tite

SH; varic, grn, gy, rust red, brn, platy, interbdd brn argil lmst.

SH; blk, v. pyr, platy

LM; off wh, buff, fxln, few pcs w/fair interxln and occ vug por, poss. gas bubbles, no fluor, no odor, no vis oil stn, poor show

SH; blk, carb ip, platy

LM; off wh, wh, tan, fxln, some chalky mttx, spotted med to dk brn oil stn, trc gils, lt yel fluor, no live shows, poss fracs, some grn weath. lmst

MISSISSIPPI CHERT 4967(-2655)

CHT; wh, opaque to transl, most fresh, poss fracs, few pcs of wh weath. cht w/lt brn oil stn, lt yel fluor, no odor

CHT; wh, off wh, most trip wht w/spotted lt brn stn, fair p-p por, some fracs, med to occ brite yel fluor, no odor, no vis gas bubbles

CHT; wh, opaque, org, fresh and trip, est. 40% trip cht, fracs evident, weathered edges w/lt brn live oil stn, bands of trip cht w/even lt brn oil stn, scat med to occ brite yel fluor, faint odor, few gas bubbles

CHT; wh, opaque, most fresh, fracs w/scat vug por, SSFO, much brite yel fluor, faint odor, few gas bubbles, some barren por

MISSISSIPPI LMST. 5016(-2704)
DST #3: Miss. Chert 4988' - 5019'
Corrected Depths to Log

LM; tan to lt gy/pale grn, sucrosic text - partly dolomitic, interbdd cse xln chalky lmst, rare cht, dull to lt yel fluor, no stn or odor, ns.

LM; off wh, med xln w/interbdd pale grn/gy grn dolomite and dolomitic lmst, minor chalky mttx, scat gy fresh cht, no fluor, no vis por, ns.

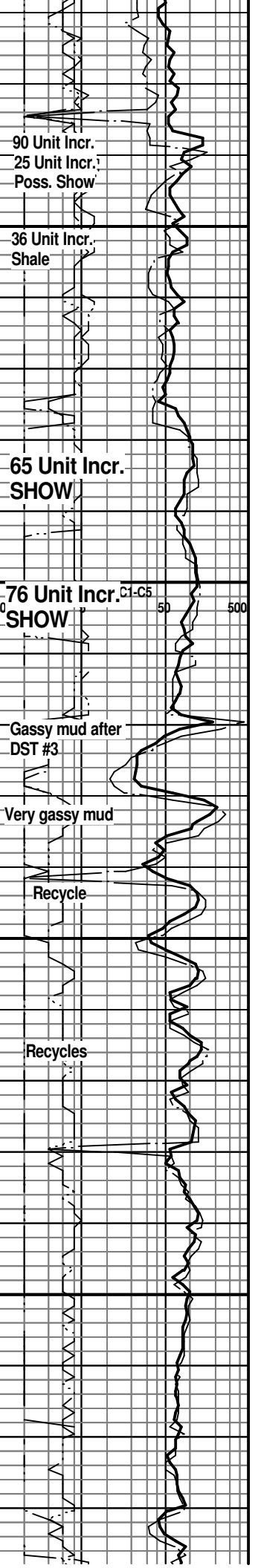
LM; off wh, wh, buff, med xln w/scat wh to off wh cht, rarely dolomitic, no vis por, no fluor, ns.

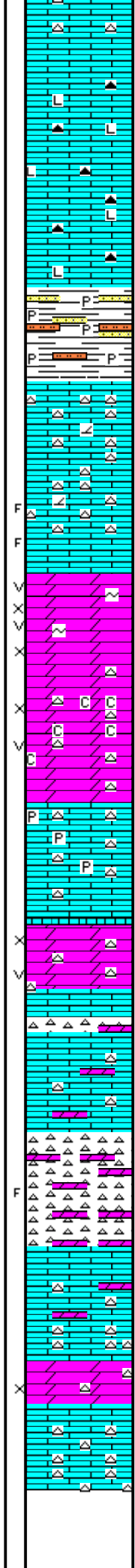
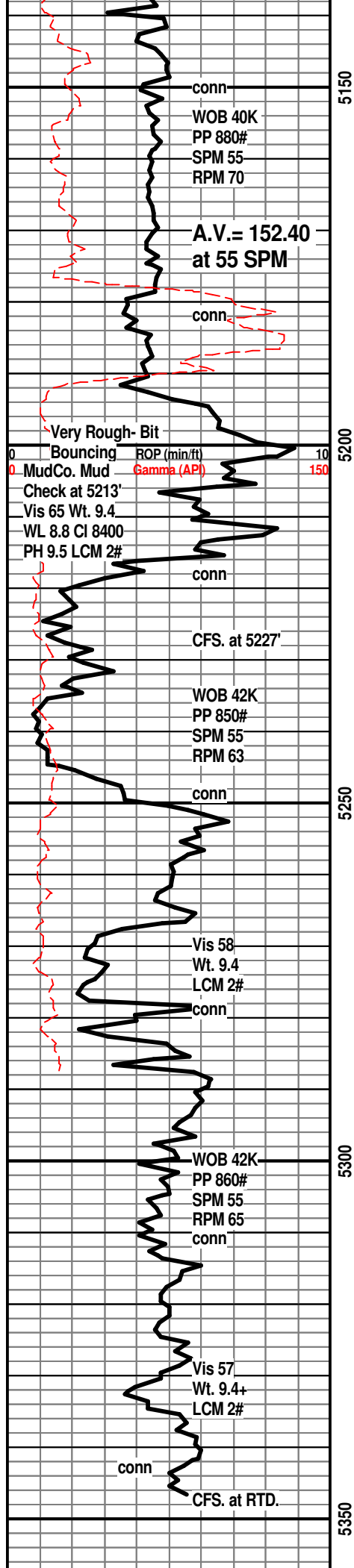
SHALE AND ANHYDRITE SLOUGHING BADLY - NEED TO RAISE VISCOSITY OF MUD!!

LM; tan to off wh, med xln, occ sucrosic text, interbdd dolo. and dolomitic lmst, no fluor, ns.

LM; tan to cream, lt brn, f to med xln, cherty w/trans. to lt gy cht, lt yel min fluor, no vis por, ns.

LM; tan to lt brn, v. cherty w/lt to med gy occ speckled cht, dull vel min fluor, no stn or odor, ns.





LM; med brn, rare gy brn, dense, micritic to litho, blocky, occ med gy spicular and brn cht, no fluor, tite

KINDERHOOK SHALE 5178(-2866)
SH; med gy, gy grn, platy, interbdd lt gy/off wh silty sh and vf gr hd ss, abnt pyr

VIOLA 5191(-2879)
LM; off wh, tan, fxln w/rare sucrosic text, very cherty w/dove gy to transl. cht, trc lt yel fluor, no vis por, no stn or odor, ns.

BIT TRIP AT 5204' - run junk basket - many buttons on bottom
LM; off wh, lt gy, fxln, abnt off wh to gy fresh cht, frags evident, dense, no fluor, ns.

DOL; med gy, sucrosic, trc vug por, no fluor, ns.

DOL; tan, lt gy, sucrosic, gd interxln w/rare small vug por, quest. gas bubbles, rare glau, no fluor, no oil stn, no odor, no cut

DOL; tan to lt brn, sucrosic to fine rhombic, gd interxln w/some vug por, soft w/partly chalky mtx, cherty ip, no fluor, no stn or odor, no gas kick

LM; tan to cream, med to cse xln, most dense, scat dove gy to wh occ pyr cht, no vis por, no fluor, ns.

DOL; lt to med brn, sucrosic to finely rhombic, fair interxln w/fair to gd vug por, cherty ip, no fluor, no stn or odor, ns.

CHT; wh, off wh, dolomitic ip, blocky, tite

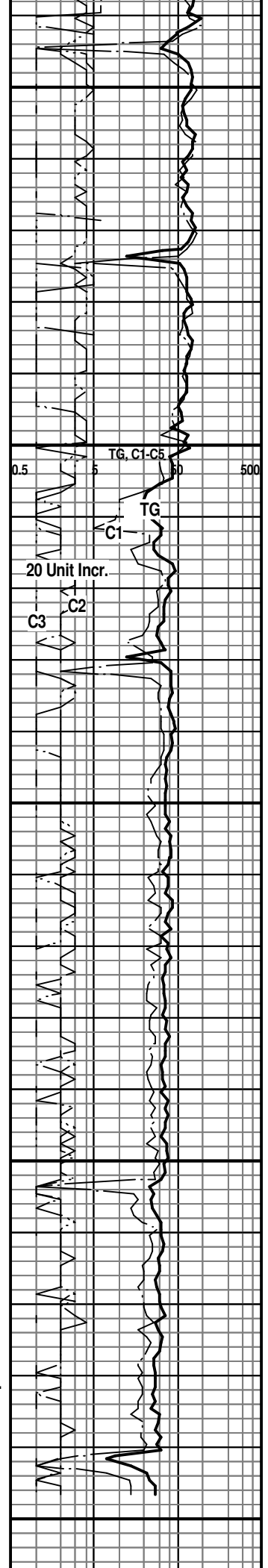
LM; tan to cream, med xln, partly dolomitic, lt yel min fluor, occ cherty, tite

CHT; wh, off wh, lt gy, some speckled, blocky, poss frags, interbdd cherty dolomite, no fluor, no stn or odor, ns.

LM; lt brn, tan, dolomitic, scat wh to occ pink fresh cht, lt yel min fluor, no vis por, ns,

DOL; lt brn, fine rhombic, fair interxln por, cherty ip, ns.

LM; med brn, dolomitic, abnt brn and gy cht, tite, no fluor, ns.



RTD. 5350 at 11:45 PM. 9/25/16

LTD. 5349'

Halliburton "Quad Stack": ACRT(DIL),
NEU/DEN w/PE, Microlog, Sonic

**NOTE: This log was shifted upward by
2' to 4' for correlation purposes with the
Halliburton Logs.**

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Herman L. Loeb, LLC.
P.O. Box 838
Lawrenceville, IL 62439
ATTN: George Payne/Jon Chr

25-29s-19w Kiowa,KS
Yost C #2-25
Job Ticket: 63081 **DST#: 1**
Test Start: 2016.09.21 @ 00:50:00

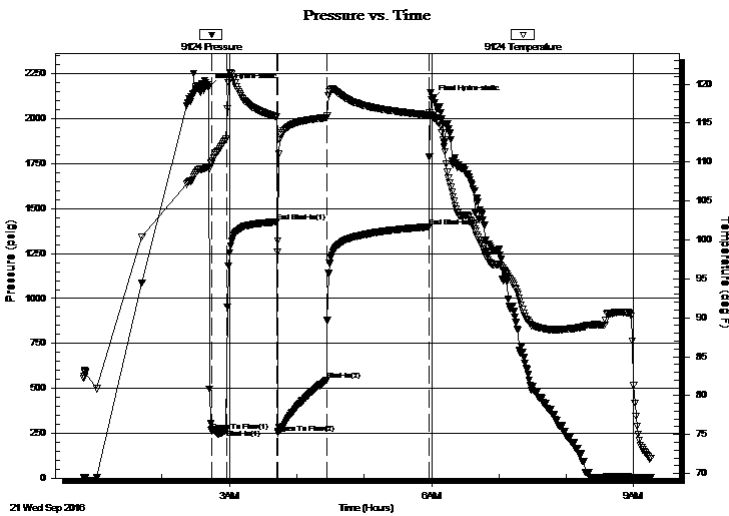
GENERAL INFORMATION:

Formation: **Lansing B**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 02:43:45
Time Test Ended: 09:15:30
Interval: **4392.00 ft (KB) To 4425.00 ft (KB) (TVD)**
Total Depth: 4425.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: Jimmy Ricketts
Unit No: 80
Reference Elevations: 2312.00 ft (KB)
2301.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 9124 Outside

Press@RunDepth: 547.17 psig @ 4393.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2016.09.21 End Date: 2016.09.21 Last Calib.: 2016.09.21
Start Time: 00:50:05 End Time: 09:15:29 Time On Btm: 2016.09.21 @ 02:41:15
Time Off Btm: 2016.09.21 @ 06:00:00

TEST COMMENT: IF - Strong blow throughout initial flow period. Gas to surface 3 minutes into initial flow period.
FF - Strong blow throughout final flow period.
FS - Strong blow back during final shut-in period. Never did bleed off.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2175.12	109.37	Initial Hydro-static
3	263.48	109.86	Open To Flow (1)
16	270.66	112.94	Shut-In(1)
61	1425.94	115.83	End Shut-In(1)
62	252.04	98.50	Open To Flow (2)
106	547.17	115.72	Shut-In(2)
197	1398.17	116.04	End Shut-In(2)
199	2106.97	115.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
630.00	Water 100%W	7.98
400.00	Heavy G,W&M cut O 21%G 42%O 15%W5.612%M	

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	1.00	4.00	528.98
Last Gas Rate	0.25	62.00	121.20
Max. Gas Rate	0.25	67.00	129.13



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Herman L. Loeb, LLC.

25-29s-19w Kiowa,KS

P.O. Box 838
Lawrenceville, IL 62439

Yost C #2-25

Job Ticket: 63081

DST#: 1

ATTN: George Payne/Jon Chr

Test Start: 2016.09.21 @ 00:50:00

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: 180000 ppm

Viscosity: 56.00 sec/qt

Cushion Volume: bbl

Water Loss: 10.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 8500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
630.00	Water 100%W	7.981
400.00	Heavy G,W&M cut O 21%G 42%O 15%W & 2	5.611

Total Length: 1030.00 ft Total Volume: 13.592 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Herman L. Loeb, LLC.

25-29s-19w Kiowa,KS

P.O. Box 838
Lawrenceville, IL 62439

Yost C #2-25

Job Ticket: 63081

DST#: 1

ATTN: George Payne/Jon Chr

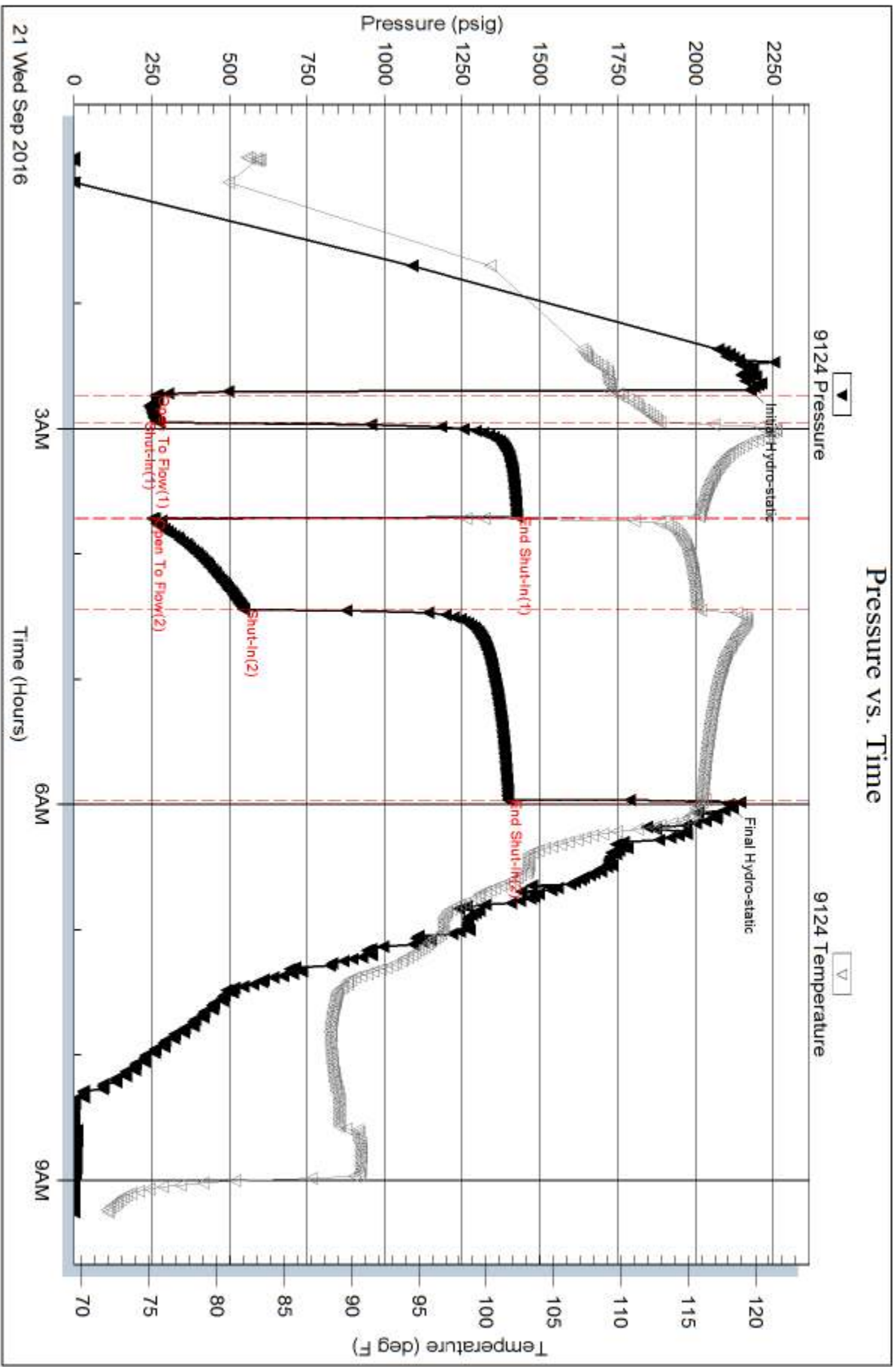
Test Start: 2016.09.21 @ 00:50:00

Gas Rates Information

Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
1	13	1.00	4.00	528.98
1	15	1.00	4.00	528.98
2	10	0.25	51.00	103.75
2	20	0.25	65.00	125.96
2	30	0.25	67.00	129.13
2	40	0.25	64.00	124.37
2	45	0.25	62.00	121.20



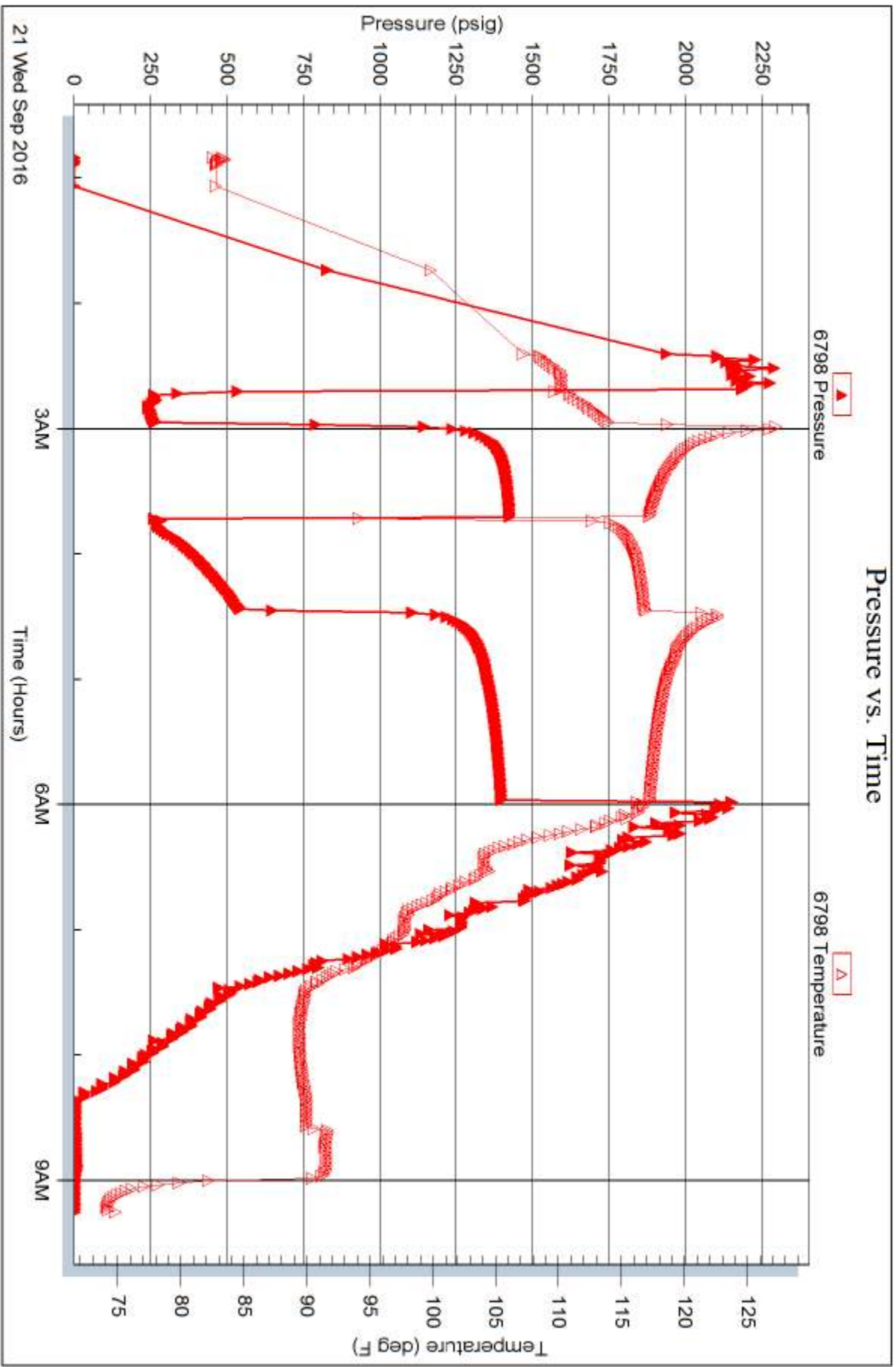
Serial #: 6798

Inside

Herman L. Loeb, LLC.

Yost C#2-25

DST Test Number: 1





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Herman L. Loeb, LLC.

25/29S/19W Kiowa, KS

P.O. Box 838
Lawrenceville, IL
62439
ATTN: George Payne/Jon Chr

Yost C 2-25

Job Ticket: 63082

DST#: 2

Test Start: 2016.09.21 @ 23:46:00

GENERAL INFORMATION:

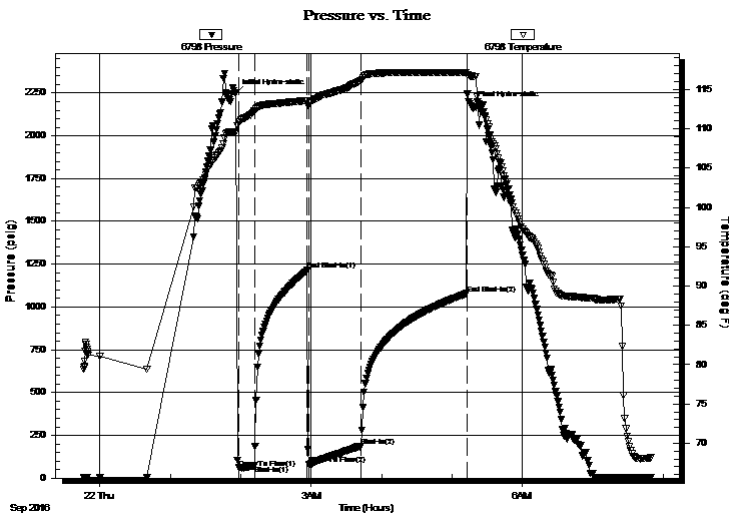
Formation: **Kansas City H**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 01:58:15
 Time Test Ended: 07:49:45
 Interval: **4540.00 ft (KB) To 4564.00 ft (KB) (TVD)**
 Total Depth: 4564.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jimmy Ricketts
 Unit No: 80
 Reference Elevations: 2312.00 ft (KB)
 2301.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 6798

Inside

Press@RunDepth: 184.91 psig @ 4541.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2016.09.21 End Date: 2016.09.22 Last Calib.: 2016.09.21
 Start Time: 23:46:05 End Time: 07:49:44 Time On Btm: 2016.09.22 @ 01:55:45
 Time Off Btm: 2016.09.22 @ 05:16:00

TEST COMMENT: IF - Strong blow throughout initial flow period. Bottom of bucket in 45 seconds. Gas to surface at end of initial flow period 15 into initial flow period. 4 inch blow back during initial shut-in period.
 FF - Strong blow throughout final flow period. Strong blow back throughout final shut-in period.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2247.28	109.51	Initial Hydro-static
3	60.06	110.88	Open To Flow (1)
16	72.86	112.22	Shut-In(1)
61	1214.96	113.57	End Shut-In(1)
63	79.97	112.89	Open To Flow (2)
107	184.91	116.07	Shut-In(2)
197	1078.59	117.12	End Shut-In(2)
201	2174.18	116.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	VG M & W cut O 51%G 39%O 5%W 5%N0.25	
140.00	Gassy O & M 20%G 40%O 40%M	1.00
275.00	Clean O 100%O	3.86

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	7.90	8.35
Last Gas Rate	0.13	17.80	12.05
Max. Gas Rate	0.13	17.80	12.05



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Herman L. Loeb, LLC.

25/29S/19W Kiowa, KS

P.O. Box 838
Lawrenceville, IL
62439

Yost C 2-25

Job Ticket: 63082

DST#: 2

ATTN: George Payne/Jon Chr

Test Start: 2016.09.21 @ 23:46:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

39.9 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.60 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
50.00	VG M & W cut O 51%G 39%O 5%W 5%M	0.246
140.00	Gassy O & M 20%G 40%O 40%M	0.998
275.00	Clean O 100%O	3.858

Total Length: 465.00 ft

Total Volume: 5.102 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

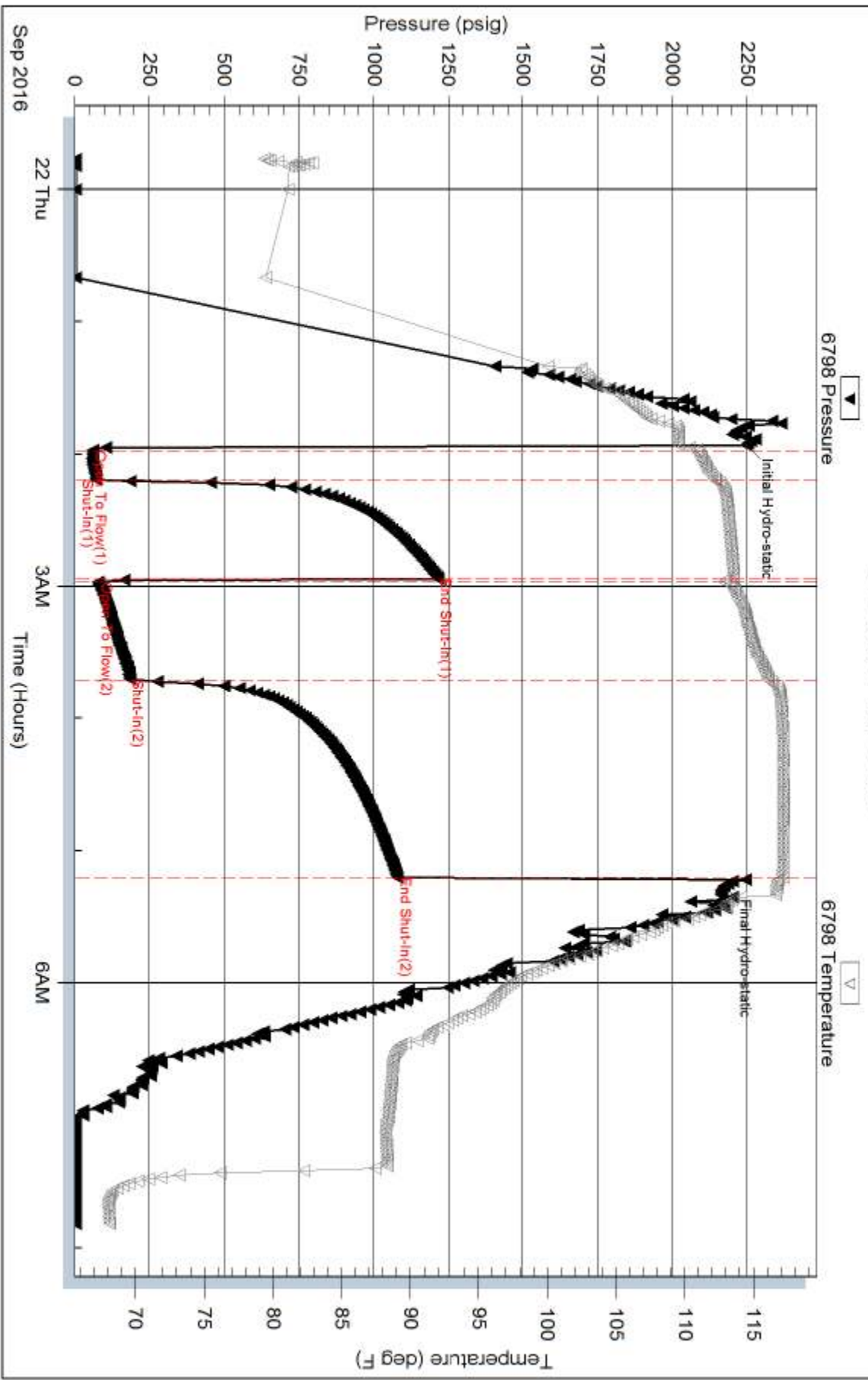
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

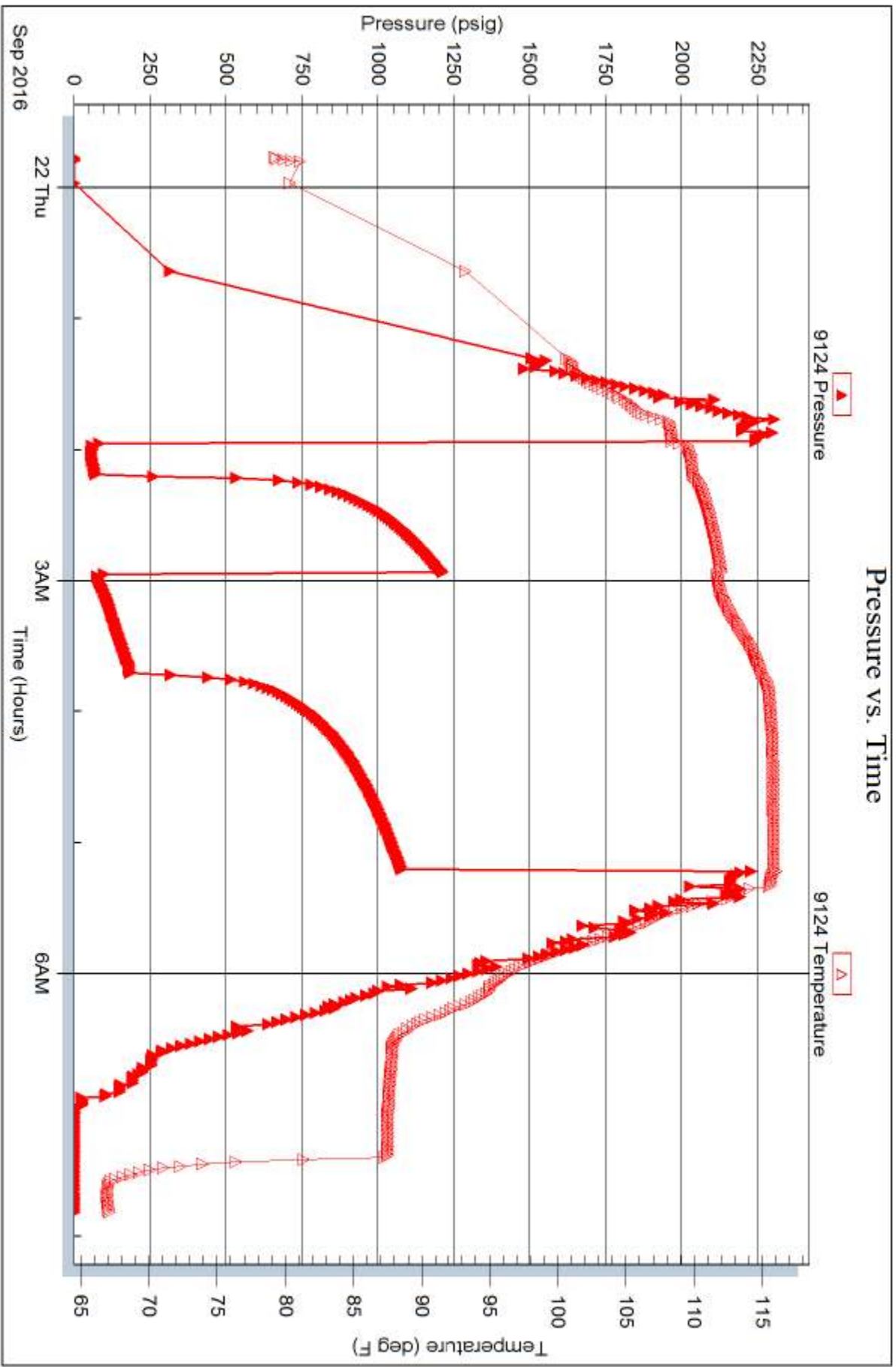


Serial #: 9124

Outside Herman L. Loeb, LLC.

Yost C-2-25

DST Test Number: 2





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Herman L. Loeb, LLC.

25/29S/19W Kiowa, KS

P.O. Box 838
Lawrenceville, IL
62439
ATTN: George Payne/Jon Chr

Yost C 2-25

Job Ticket: 63083

DST#: 3

Test Start: 2016.09.24 @ 02:27:00

GENERAL INFORMATION:

Formation: **Mississippian Chert**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:35:30

Time Test Ended: 10:08:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Jimmy Ricketts

Unit No: 80

Interval: 4990.00 ft (KB) To 5021.00 ft (KB) (TVD)

Reference Elevations: 2312.00 ft (KB)

Total Depth: 5021.00 ft (KB) (TVD)

2301.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 9124

Press@RunDepth: 34.07 psig @ ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.09.24

End Date:

2016.09.24

Last Calib.:

1899.12.30

Start Time: 02:27:05

End Time:

10:08:29

Time On Btm:

2016.09.24 @ 04:34:15

Time Off Btm:

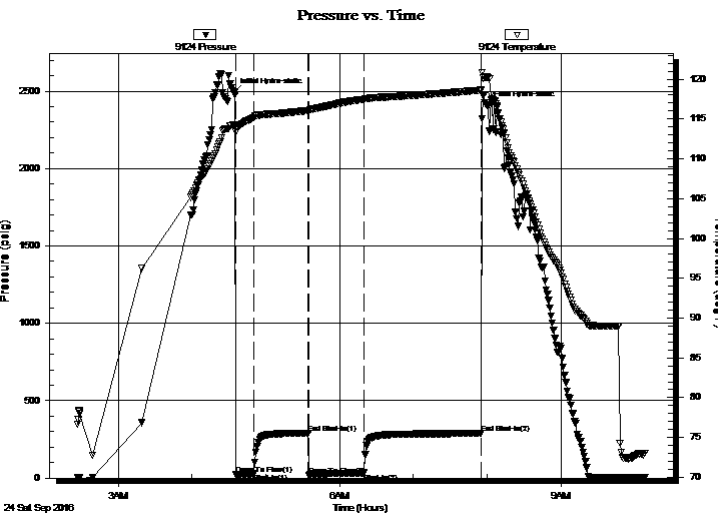
2016.09.24 @ 07:59:45

TEST COMMENT: IF - Weak blow building to strong blow 8 minutes into initial flow period.

IS - 1/2 inch blow back during initial shut-in period.

FF - Strong blow throughout final flow period.

FS - Gas to surface during final shut-in period. 6 inch blow back during final shut-in period.



PRESSURE SUMMARY

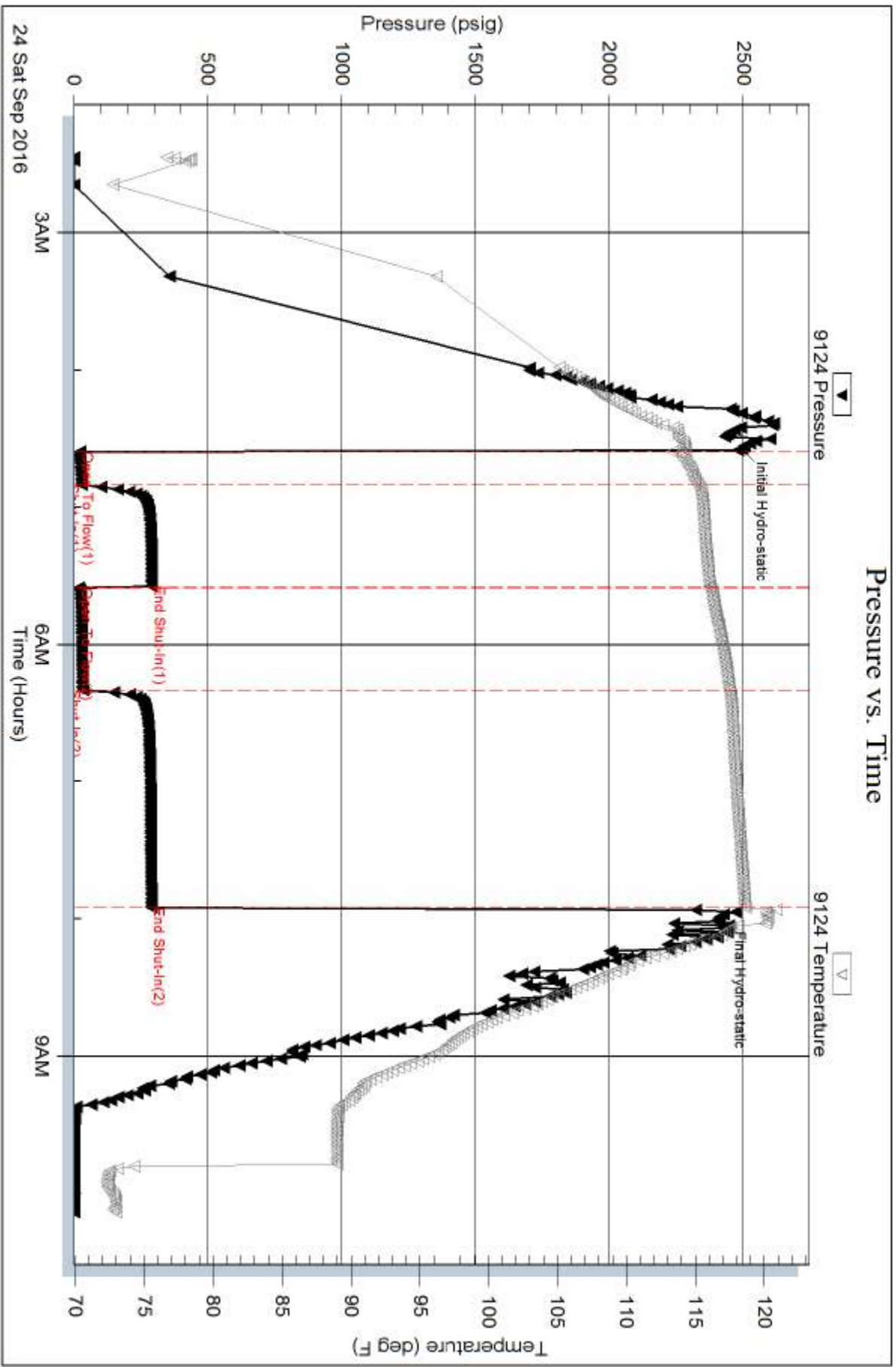
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2491.31	114.28	Initial Hydro-static
2	23.16	113.33	Open To Flow (1)
16	28.27	115.16	Shut-In(1)
61	289.88	116.04	End Shut-In(1)
61	18.27	116.00	Open To Flow (2)
106	34.07	117.46	Shut-In(2)
201	288.86	118.60	End Shut-In(2)
206	2409.83	120.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Very slightly oil spotted mud TR O 100% N.10	

Gas Rates

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

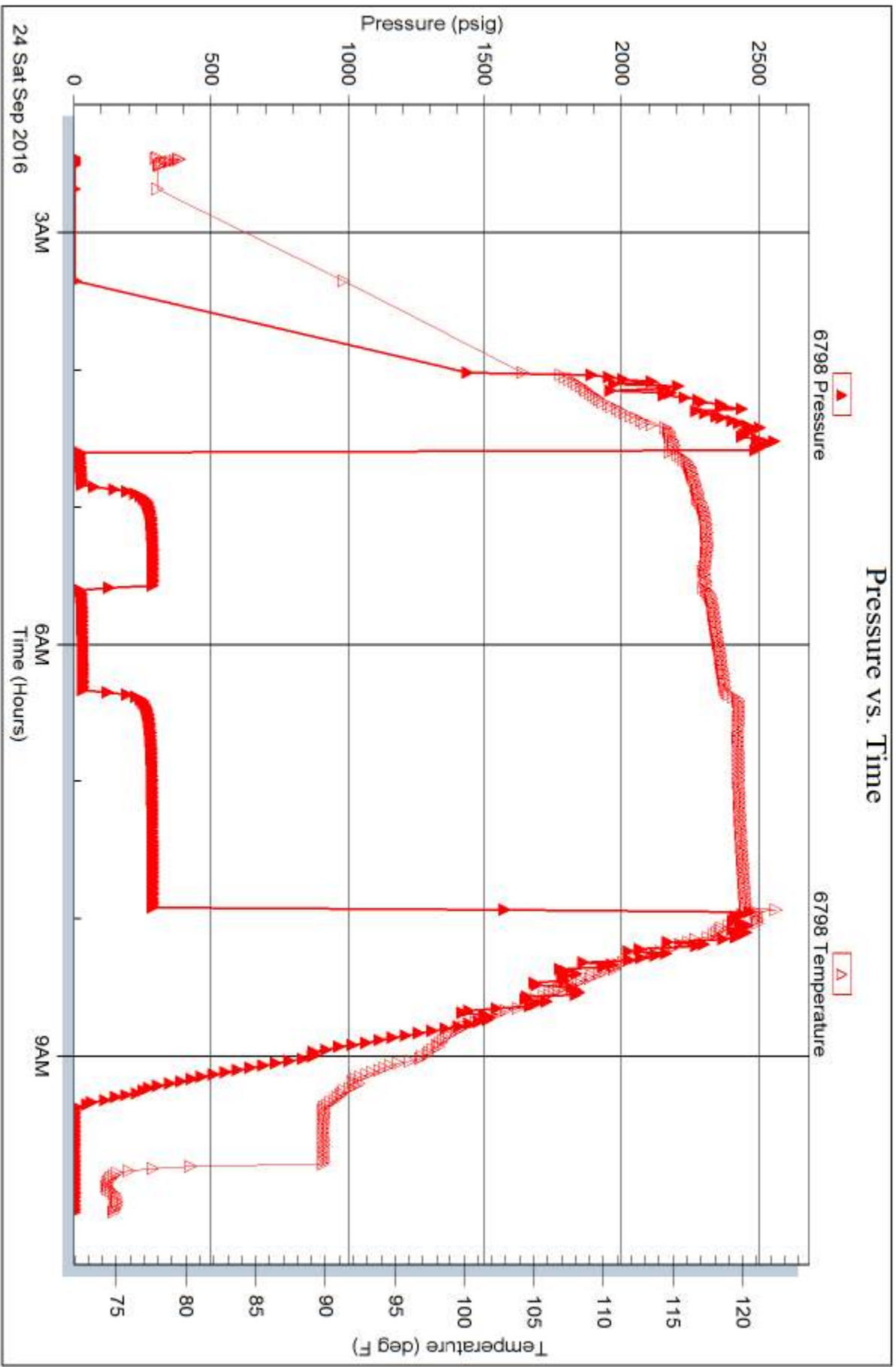


Serial #: 6798

Herman L. Loeb, LLC.

Yost C-2-25

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 63083

Printed: 2016.09.24 @ 11:30:01



Jesse approved 10/3/16

PAGE 1 of 1	CUST NO 1007589	YARD # 1718	INVOICE DATE 09/24/2016
INVOICE NUMBER 92233870			

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 O B S I T E
LEASE NAME Yost C 2-25
LOCATION
COUNTY Kiowa
STATE KS
JOB DESCRIPTION Cement-New Well Casing/Pi
JOB CONTACT

6076 / 6438 / YOST C

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40967221	20920		Net - 30 days	10/24/2016

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
For Service Dates: 09/16/2016 to 09/16/2016				
0040967221				
171813972A Cement-New Well Casing/Pi 09/16/2016 Cement 8 5/8 Surface				
A-Con' Blend	175.00	EA	8.46	1,480.50 T
60/40 POZ	175.00	EA	5.64	987.00 T
Common Cement	100.00	EA	7.52	752.00 T
"Top Rubber Cmt Plug, 8 5/8""	1.00	EA	105.75	105.75
"Guide Shoe - Regular, 8 5/8"" (Blue)"	1.00	EA	178.60	178.60
"Baffle Plate Alum., 8 5/8"" (Blue)"	1.00	EA	79.90	79.90
"8 5/8"" Basket (Blue)"	1.00	EA	148.05	148.05
"Unit Mileage Chg (PU, cars one way)"	40.00	MI	2.12	84.60
Heavy Equipment Mileage	120.00	MI	3.53	423.00
"Proppant & Bulk Del. Chgs., per ton mil	820.00	EA	1.18	963.50
Blending & Mixing Service Charge	450.00	BAG	0.66	296.10
Plug Container Util. Chg.	1.00	EA	117.50	117.50
Depth Charge; 501'-1000'	1.00	EA	564.00	564.00
"Service Supervisor, first 8 hrs on loc.	1.00	EA	82.26	82.26
Celloflake	88.00	EA	1.74	153.03 T
Calcium Chloride	1,230.00	EA	0.49	607.00 T

PAID
70404
 OCT 4 2016

SCANNED

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	7,022.79
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	298.46
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	7,321.25
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 13972 A

DATE _____ TICKET NO. _____

DATE OF JOB: 9-16-16	DISTRICT: Pratt	NEW WELL <input 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. Looch III	LEASE: Yost	WELL NO. 243								
ADDRESS:	COUNTY: Kiowa	STATE: KS								
CITY:	STATE:	SERVICE CREW: MATTHEW MCGUIRE								
AUTHORIZED BY:	JOB TYPE: CHW 5 1/2" SURFACE									
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
20900	5.5					9-15				
						ARRIVED AT JOB				6:40
						START OPERATION				9:21
19800	2.5					FINISH OPERATION				2:45
						RELEASED				4:00
						MILES FROM STATION TO WELL				40

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
CP 100	Acid blend	SC	175		3,150.00
CP 100	60/40 P22	SC	175		2,100.00
CP 100C	Common coil	SC	100		1,600.00
CC 100	Cellulose	LB	88		325.60
CC 100	Calcium chloride	LB	1230		1,291.50
CP 100	200 Rubber Plug	EA	1		225.00
CP 200	Safety shoe	EA	1		380.00
CP 750	HAARL Plug	EA	1		170.00
CP 100	Washer	EA	1		375.00
EL 100	1/2" Mud	M	40		180.00
EL 100	heavy eq. mud	M	120		900.00
EL 100	1/2" hole bit	IN	820		2,050.00
CP 200	1/2" chaser bit	IN	1		1,200.00
CP 200	Head pipe	SC	4/50		630.00
CP 500	Plug container	TD	1		250.00
SD 03	Supervisor	EA	1		175.00

SUB TOTAL 14,942.10

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		16,702.79

SERVICE REPRESENTATIVE: <u>[Signature]</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>[Signature]</u>
FIELD SERVICE ORDER NO. _____	(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

Customer Herman L Loeb III	Lease No.	Date 9-16-16
Lease YOST "C"	Well # 2.25	
Field Order # 13977	Station Pratt	Casing 8 5/8
		Depth 650
Type Job CNW 8 5/8 Surface	Formation	County KIOWA
		State KS
		Legal Description 25-29-19

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 8 5/8	Tubing Size	Shots/Ft		Acid 175 SKS A-con	RATE 37.9	PRESS 1/4 cc	ISIP	
Depth 645.96	Depth	From	To	Pre Pad 175 SKS, 60	Max 60/40 P02	37.9 cc	5 Min.	1/4 cc
Volume 41.3	Volume	From	To	Pad	Min		10 Min.	
Max Press 700	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection PLC	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth 606.73	Packer Depth	From	To	Flush 37.9	Gas Volume		Total Load	

Customer Representative LANNY	Station Manager Kevin Guidley	Treater Mike Mattal
----------------------------------	----------------------------------	------------------------

Service Units 37586	19903	20920	84980	19860
Driver Names MATTAL	McGraw		Pierce	

Time AM	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
6:45					ON location / SAFETY meeting
					JUST circ while drilling @ 573'
					BASKET @ 293'
9:05					CSNG ON BOTTOM
9:10					HOOK TO CSNG / DID NOT CIRCULATE
9:21	200		77	5	MIX 175 SKS A-con
9:37	300		38	5.5	MIX 175 SKS 60/40 P02
9:44	250			5	release plug / START DISPLACEMENT
9:58	250			3	SLOW RATE
10:00	250		37.9	-	plug down shut in well
					NO circ, collar full w. mud
					RUN 8 JTS OF 1 inch in well, 160'
2:33	250		21	1.5	MIX 100 SKS common
					CMT TO COLLAR
					JOB COMPLETE
					Thank You!
					Mike Mattal
					Mike + Rocky



*Just approved
10/3/16*

PAGE 1 of 1	CUST NO 1007589	YARD # 1718	INVOICE DATE 09/24/2016
INVOICE NUMBER 92233869			

Pratt (620) 672-1201

B HERMAN L LOEB LLC
I PO Box: 838
L LAWRENCEVILLE
L IL US 62439
T
O ATTN:

J LEASE NAME Yost C 2-25
O LOCATION
B COUNTY Kiowa
S STATE KS
I JOB DESCRIPTION Cement-New Well Casing/Pi
T JOB CONTACT
E

ACCOUNTS PAYABLE

6076 / 6738 / YOSTC

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40967220	20920		Net - 30 days	10/24/2016
For Service Dates: 09/16/2016 to 09/16/2016				
0040967220				
171813859A Cement-New Well Casing/Pi 09/16/2016 Cement Surface				
Common Cement	105.00	EA	7.52	789.60 T
Celloflake	19.00	EA	1.74	33.04 T
Calcium Chloride	253.00	EA	0.49	124.86 T
"Unit Mileage Chg (PU, cars one way)"	40.00	MI	2.12	84.60
Heavy Equipment Mileage	80.00	MI	3.53	282.00
"Proppant & Bulk Del. Chgs., per ton mil	198.00	EA	1.18	232.65
Blending & Mixing Service Charge	105.00	BAG	0.66	69.09
Depth Charge; C-500'	1.00	EA	470.00	470.00
"Service Supervisor, first 8 hrs on loc.	1.00	EA	82.25	82.25

PAID
70404
OCT 04 2016
SCANNED

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	2,168.09
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	71.06
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	2,239.15
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		



See attached E-mail 10/11/16

PAGE	CUST NO	YARD #	INVOICE DATE
1 of 1	1007589	1718	09/30/2016
INVOICE NUMBER			
92240155			

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 YOST 'C #2-25
 O LOCATION
 B COUNTY KIOWA
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

6076 6438/Yost C - 8670.69 9438/Yost C - 2167.67

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40968922	86779-0		Net - 30 days	10/30/2016

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 09/27/2016 to 09/27/2016</i>				
0040968922				
171813862A Cement-New Well Casing/Pi 09/27/2016				
50/50 POZ	330.00	EA	5.50	1,815.00 T
50/50 POZ	50.00	EA	5.50	275.00 T
Celloflake	96.00	EA	1.85	177.60 T
GYPSUM	1,600.00	EA	0.38	600.00 T
FLA-322	160.00	EA	3.75	600.00 T
GILSONITE	2,280.00	EA	0.34	763.80 T
KCL	863.00	EA	0.75	647.25 T
LATCH DOWN PLUG & BAFFLE 5 1/2	1.00	EA	200.00	200.00
AUTO FILL FLOAT SHOE 5 1/2	1.00	EA	180.00	180.00
TURBOLIZER 5 1/2	14.00	EA	55.00	770.00
5 1/2 BASKET	3.00	EA	145.00	435.00
CLAYMAX KCL SUB	5.00	EA	17.50	87.50 T
MUD FLUSH	1,000.00	EA	0.75	750.00 T
"Unit Mileage Chg (PU, cars one way)"	40.00	MI	2.25	90.00
Heavy Equipment Mileage	80.00	MI	3.75	300.00
"Proppant & Bulk Del. Chgs., per ton mil	640.00	EA	1.25	800.00
Depth Charge; 5001-6000'	1.00	EA	1,440.00	1,440.00
Blending & Mixing Service Charge	380.00	BAG	0.70	266.00
PLUG CONTAINER UTILIZATION CHARGE	1.00	EA	125.00	125.00
"Service Supervisor, first 8 hrs on loc.	1.00	EA	87.50	87.50

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	10,409.65
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	428.71
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	10,838.36
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

25 29 19

FIELD SERVICE TICKET
1718 13862 A

DATE _____ TICKET NO. _____

DATE OF JOB: 7/27/2016 DISTRICT: Postville		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: J. J. Mena L. Loeb		LEASE: You + C WELL NO. 2							
ADDRESS:		COUNTY: Kaw STATE: KS							
CITY: STATE:		SERVICE CREW: Derrin, Scott M. McGrew							
AUTHORIZED BY:		JOB TYPE: C/W/S 1/2 Longstring							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
56779	12						7/27	AM	2:00
19860	12					ARRIVED AT JOB	9/28	AM	6:30
						START OPERATION	9/28	AM	3:00
						FINISH OPERATION	9/27	AM	3:30
						RELEASED	9/27	AM	4:00
						MILES FROM STATION TO WELL	4.5		

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
CP104	50/30 P02	SK	330		3,630.00
CP104	50/30 P02	SK	50		550.00
CC102	CC102 1940	Lb	96		315.00
CC113	G. Psum	Lb	1,200		1,200.00
CC129	FLD 322	Lb	160		1,200.00
CC201	G. 150 size	Lb	2280		1,227.00
E700	KCL Potassium Chloride	Lb	86.3		1,254.50
CF107	Latch Down Plug & Duffie, 1/2 (Blue)	E9	1		400.00
CF1251	Duffie Fil Floss Shoe, 1/2 (Blue)	E9	1		360.00
CF1651	Turnholder, 1/2 (Blue)	E9	14		1,240.00
CF1901	1/2 BSS Key (Blue)	E9	3		870.00
E709	C10/MS4 KCL Substrate	Gal	5		175.00
CC151	mod flush	Gal	1,000		1,000.00
E100	Unit m. loose Chaise - P. 1000 1/2 5/8 x 1 1/2 m. access	M	40		180.00
E101	Heavy Equipment m. loose	M	80		600.00
E113	Proppant Gm B. 1x Delivery Chaise, 1/2 x 1/2	TNm	640		1,600.00
CF206	Depin Chaise, 5001 6.00	4hr	1		2,500.00
CF240	Blender m. mixing Service Chaise	SK	380		332.00
CF504	Plus container UT 1.2500 Chaise	Job	1		200.00
5003	Service Supervisor, 1.50 8 hrs on ice	1 hr	1		175.00
SUB-TOTAL					29,519.50

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
Discount TOTAL		103,409.15

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. Koeb	Lease No.	Date 9/27 / 2016
Lease Yosa C	Well # 2-25	
Field Order # 13862	Station PRSTH, KS	Casing 5 1/2
		Depth 5132
Type Job CNW/5 1/2 Longstrings	Formation S350	County Kiowa
		State KS
		Legal Description 25-29-19

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size 5 1/2	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth 5132	Depth	From	To	Pre Pad	Max		5 Min.
Volume 122	Volume	From	To	Pad	Min		10 Min.
Max. Press	Max. Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth 5107	Packer Depth	From	To	Flush KCL Water	Gas Volume		Total Load

Customer Representative Georse	Station Manager Kevin Gordley	Treater Darin Franklin
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Service Units 92911 78982 86779 84980 19860									
Driver Names Darin Scott Scott McGraw McGraw									

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
6:30 pm					On location / Safety meeting 5 1/2 Casing set at 5132' T- 2, 3, 4, 9, 13, 14, 16, 17, 21, 24, 26, 33, 37 B- 2, 12, 25 330 SK - 50/50 P02, 25% Lb./sk Cell Riske 5% CSI set, 5% Fluid loss, 5% KCL 6 lb/sk Gilsonite, 14 opps, 1.35 valve, 5.43 water
3:00 pm	300		5	4 1/2	Pump 5 bbls water
	300		24	4 1/2	Pump 24 bbls Flush
	300		5	4 1/2	Pump 5 bbls water
	600		79	8	mix cement
					Shut down
					Wash pump & lines & Release Plug
	300		0	8	Start displacement
	1,000		80	8	Lift Pressure
	800		100	4	Slow Rate
3:30 pm	1,500		118 1/2	4	Bump Plug Flow - Held Plug Ret & mouse holes Job complete / Darin & crew

Kim Hovermale

From: Jesse Middagh
Sent: Tuesday, October 11, 2016 4:40 PM
To: Kim Hovermale
Subject: RE: BASIC ENERGY SERVICES - INVOICE # 92240155 - YOST C # 2-25

Approved: 80% Loeb & 20% V.G.

Jesse R. Middagh
Manager – Exploration & Production Operations
O: 815-556-0756 | M: 630-251-1003

From: Kim Hovermale
Sent: Tuesday, October 11, 2016 4:18 PM
To: Jesse Middagh
Subject: BASIC ENERGY SERVICES - INVOICE # 92240155 - YOST C # 2-25

Jesse

Would you please review the attached Basic Energy Services invoice and let me know if approved to pay?

Thanks Kim