



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1227551
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
-----------------------------------	-----------------	---

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

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

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

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

1227551

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
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:				

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. <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
--	--	---

Form	ACO1 - Well Completion
Operator	HERMAN L. LOEB, LLC
Well Name	WHITE 2-4
Doc ID	1227551

Tops

Name	Top	Datum
Chase	2472	-239
Heebner Shale	4076	-1843
Lansing 'A'	4242	-2009
Lansing/KC 'H'	4408	-2175
K.C. 'I'	4458	-2225
Base Kansas City	4646	-2413
Marmaton	4688	-2455
Cherokee Shale	4769	-2536
Reworked Miss.	4816	-2583
Miss. Chert	4836	-2603
Kinderhook Shale	4918	-2685

LITHOLOGY STRIP LOG

WellSight Systems

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

Well Name: White #2-4
Location: 2300' FSL & 1830' FWL, Sec. 4-T28S-R18W, Kiowa Co., KS.
Licence Number: 15-097-21804-00-00 Region: Greensburg SW
Spud Date: 8/24/2014 Drilling Completed: 8/30/2014
Surface Coordinates: 2300' FSL & 1830' FWL, Sec. 4-T28S-R18W

Bottom Hole Same as Above
Coordinates:
Ground Elevation (ft): 2220' K.B. Elevation (ft): 2233'
Logged Interval (ft): 3900' To: 4920' Total Depth (ft): 4920'
Formation: Kinderhook at Total Depth
Type of Drilling Fluid: Freshwater/Gel to 3390'; Chemical Gel 3390' to 4920'
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: 9002 W. Silver Hollow St.
Wichita, KS. 67205-8856

Cores

None Taken

DSTs

DST #1(Marmaton Altamont) 4677' - 4712'(Corrected Depths to Log) Test Times 15"-45"-30"-60" IFP Weak 0.75" Blow, FFP Weak 0.5" Blow, no Blowback on SI's; REC: 10' Drilling Mud, no shows; IFP 14-19#, ISIP 59#, FFP 19-22#, FSIP 46#, IHP 2320#, FHP 2265#, BHT 118 Deg. F.

DST #2(Miss. Chert) 4792' - 4839'(Corrected Depths to Log) Test Times 15"-45"-45"-90" IFP Strong Blow BOB/2.5 Min., FFP Strong Blow BOB/10 Sec., no Gas to Surface, 7" Blowback on FSI; REC: 781' Gas in Pipe, 15' Drilling Mud, no oil, no water; IFP 37-39#, ISIP 725#, FFP 34-41#, FSIP 1060#, IHP 2431#, FHP 2340#, BHT 123 Deg. F.

DST #3(Miss. Chert) 4839' - 4854'(Corrected Depths to Log) Test Times 15"-45"-45"-90" IFP Strong Blow BOB/1.25 Min., FFP Strong Blow BOB/Immed., no Gas to Surface, 4" Blowback on FSI; REC: 1723' Gas in Pipe, 5' OCM(5%O, 95%M), 60' GO&WCM(15%G, 15%O, 20%W, 50%M) CI 39,000, Mud 8000; IFP 19-26#, ISIP 801#, FFP 25-43#, FSIP 780# and Building, IHP 2377#, FHP 2290#, BHT 123 Deg. F.

Comments

8/23/14 MIRU Sterling Drilling Co. Rig #5; 8/24/14 Spud at 4:00 AM., Drilling at 129', Set Surface Casing; 8/25/14 TD. 745' - Bit Trip; 8/26/14 Drilling at 3050'; 8/27/14 TD. 4250' - Bit Trip; 8/28/14 Drilling at 4622'; 8/29/14 Drilling at 4730'; 8/30/14 Drilling at 4840'; 8/31/14 RTD. 4920' - LTD. 4920' - Logging; 9/1/14 RTD. 4920' - Land Plug - Production Casing.

Set new 8 5/8"(23#) Surface Casing at 647' KB. with 350 sacks cement(Basic Energy Services). Cement did Circulate. PD. at 6:00 PM. on 8/24/14.

Set new 5 1/2"(15.5#) Production Casing at 4918' with 200 sacks of "Loeb Blend" Cement(Basic Energy Services). PD. at 7:00 AM. 9/1/14.

Surveys: 0.50 Deg. at 652'(Surface Casing); 4.0 Deg. at 4250'(Bit Trip); 3.50 Deg. at 4713'(DST #1); 2.50 Deg. at 4840'(DST #2); 2.25 Deg. at 4920' RTD.


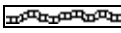
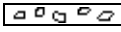
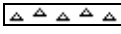
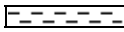







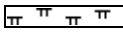
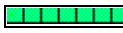
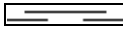
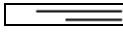
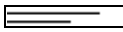



Pipe Strap at 4250'(Bit Trip): Strap 1.75' Short to the Board, no Correction made to the Board.

After review of the Halliburton Logs, DST data and samples, the operator elected to set new 5 1/2" Production Casing for completion in the Mississippi Chert.







































































NOTE: This log was shifted upward by 1' to 2' for correlation purposes with the Halliburton Logs.

LOG TOPS: Chase 2472(-239), Stotler Lmst. 3438(-1205), Howard 3635(-1402), Heebner Shale 4076(-1843), Toronto 4090(-1857), Brown Lmst. 4231(-1998), Lansing 'A' 4242(-2009), Lansing/KC 'H' 4408(-2175), K.C. 'I' 4458(-2225), Stark Shale 4547(-2314), Hertha 4609(-2376), Base Kansas City 4646(-2413), Marmaton 4688(-2455), Pawnee 4738(-2505), Cherokee Shale 4769(-2536), Reworked Miss. 4816(-2583), Clean Miss. Chert 4836(-2603), Kinderhook Shale 4918(-2685).

ROCK TYPES

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

ACCESSORIES

MINERAL  Anhy  Arggrn  Arg  Bent  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
---	--	--	--	---

OTHER SYMBOLS

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

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

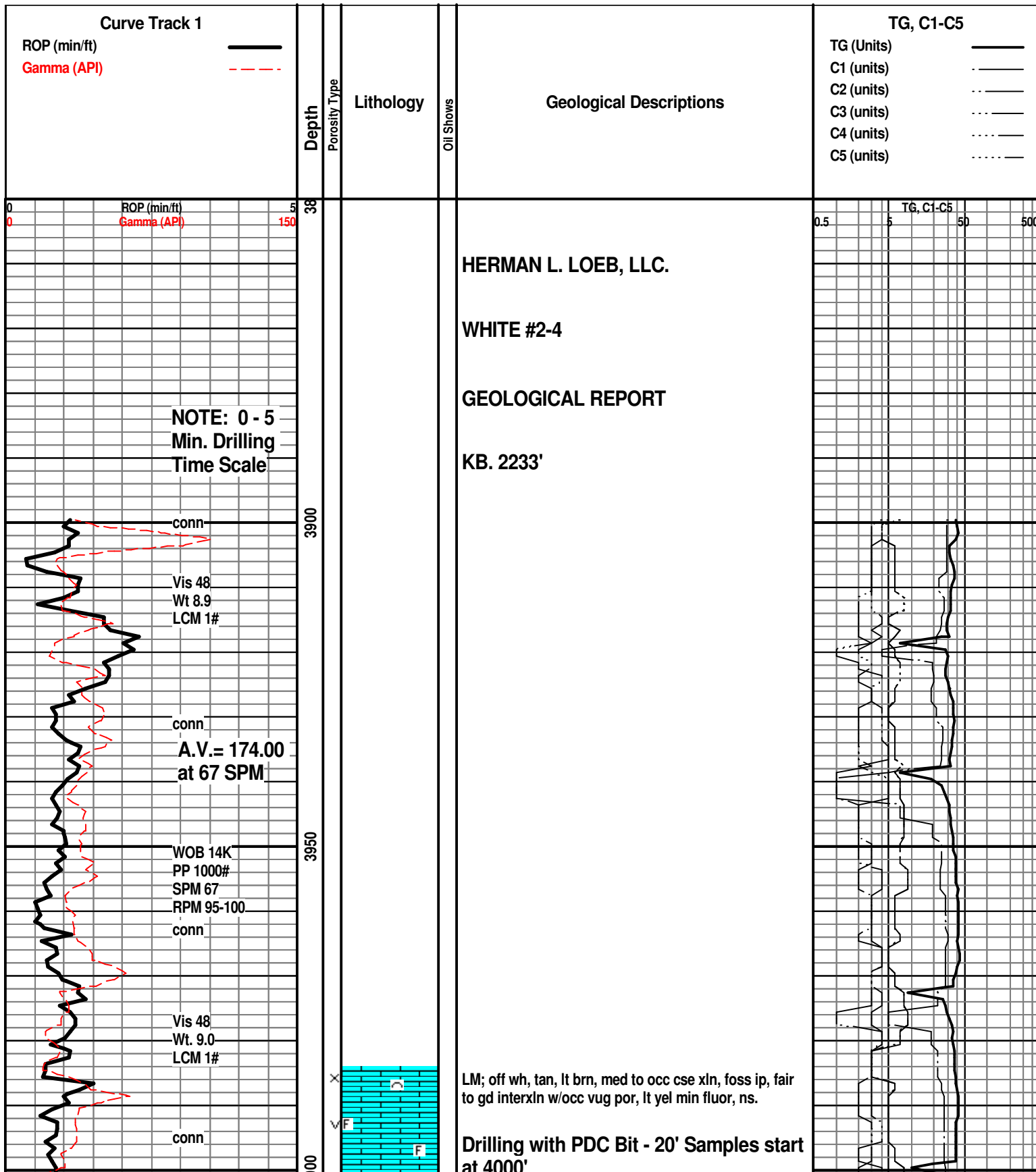
- ROUNDING**
 [R] Rounded
 [r] Subrnd
 [a] Subang
 [A] Angular

- Spotted
 [Q] Ques
 [D] Dead

- EVENT**
 [▽] Rft
 [▲] Sidewall

- INTERVAL**
 [■] Core
 [□] Dst

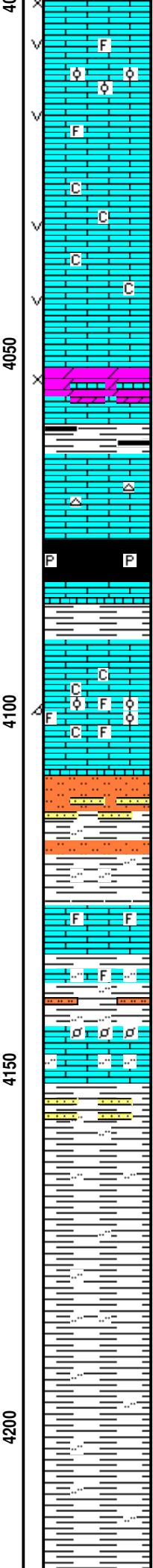
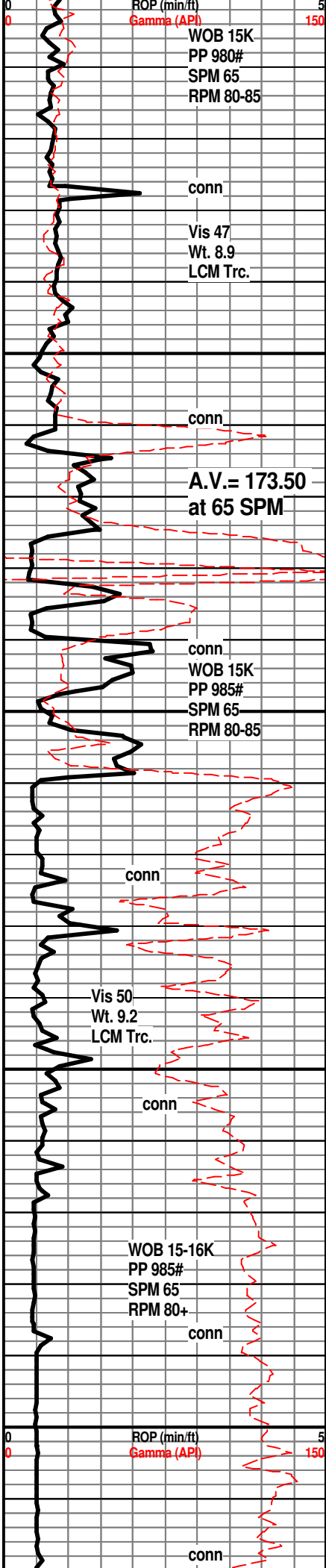
- OIL SHOW**
 Even



NOTE: 0 - 5
Min. Drilling
Time Scale

LM; off wh, tan, lt brn, med to occ cse xln, foss ip, fair to gd interxln w/occ vug por, lt yel min fluor, ns.

Drilling with PDC Bit - 20' Samples start at 4000'



LM; tan to lt brn, med xln, scat gd interxln w/vug por, interbdd foss - partly oolitic lmst, lt yel min fluor, no stn or odor, ns.

LM; wh, off wh, buff, med xln w/scat chalk and chalky mtx, occ fair vug por, dull yel to no fluor, no stn or odor, ns.

DOL; lt brn, sucrosic, lmy ip w/interbdd dolomitic lmst, fair interxln por, dull yel min fluor, no stn or odor, ns.

SH; med to dk gy, trc blk, platy

LM; lt to med gy brn, gritty text ip, most dense, no vis por, rare off wh foss cht, no fluor, ns.

HEEBNER SHALE 4076(-1843)
 SH; blk, carb, gassy ip, scat pyr
 LM; med to dk brn, hd, micritic

TORONTO 4090(-1857)
 LM; wh, off wh, tan, fxln, scat soft chalk and chalky mtx, interbdd foss/partly oolitic lmst w/fair moldic por, lt yel fluor, no stn or odor, no gas kick, ns.

DOUGLAS SHALE 4109(-1876)
 SLTST; lt gy, mica, sandy ip w/interbdd vf to f gr qtz ss, no clean ss dev.

SH; lt to med gy, mica, silty w/sltst interbdd

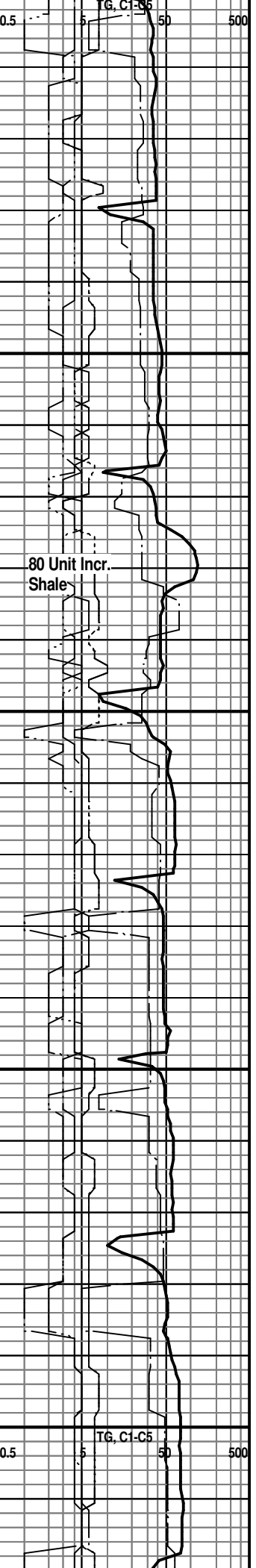
LM; lt to med brn, gy brn, foss ip, some v. dense - blocky, dull yel min fluor, ns.

LM; med brn, dk gy brn, foss, pelletal ip, some micritic - well cem, occ gritty - silty, no vis por, no fluor, ns.

SH; lt to med gy, platy, silty ip, rare hd vf gr qtz ss strngs.

SH; lt to med gy, fiss, silty ip.

SH; med gy, smooth, platy, rarely silty



Vis 49
Wt. 9.3
LCM Trc.

A.V.= 173.25
at 65 SPM

CFS. at 4250'

Scale Change
ROP (min/ft)
Gamma (API)

A.V.= 164.00

conn
MudCo. Mud
Check at 4260'
Vis 54 Wt. 9.2
WL 9.6 Cl 6500
PH 11.0 LCM Trc.

conn
WOB 36K
PP 1000#
SPM 56
RPM 70-80

Vis 53
Wt. 9.2
LCM Trc.

conn

conn
WOB 38K
PP 920#
SPM 54
RPM 76

Vis 56
Wt. 9.2
LCM Trc.

conn

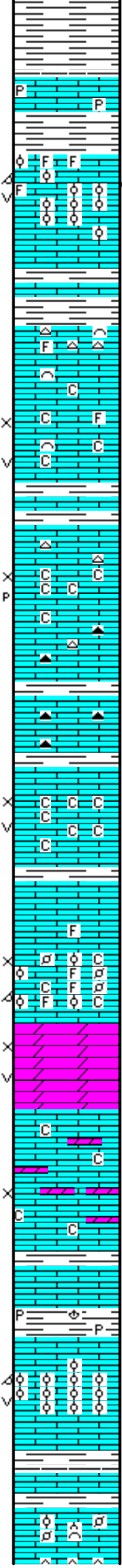
ROP (min/ft)
Gamma (API)

A.V.= 163.00
at 54 SPM

conn

WOB 38K
PP 995#
SPM 56

4250
4300
4350
4400



BROWN LMST. 4231(-1998)
LM; med brn, hd, pyr ip, tite

LANSING 'A' 4242(-2009)
LM; tan to lt brn, foss - oolitic, fair oomoldic por, trc vug por, lt/med yel fluor, v. spotted lt brn oil stn, faint/fair odor, barren porosity evident

BIT TRIP AT 4250'
Drilling with Button Bit below 4250'

LANSING 'B' 4266(-2033)
LM; off wh, buff, foss ip, most well cem, scat wh/off wh cht, no vis por, no fluor, ns.

LM; off wh, lt gy, buff, foss w/occ fair interpart and scat vug por, chalky ip, no vis stn, no odor, no gas kick, ns.

SH; med gy grn, platy
LM; lt to med brn, fxln, most dense, blocky

LM; tan, off wh, fxln, poor interxln w/trc p-p por, chalky mtx ip, no fluor, no stn or odor, cherty w/off wh, gy and brn cht, ns.

LM; lt to med brn, dense, blocky, most micritic, occ smoky/dk gy cht

LM; off wh, wh, buff, f to med xln, scat small vug and interxln por, much soft chalk and chalky mtx, lt yel min fluor, no stn or odor, ns.

LM; tan to lt brn, foss - pelletal/partly oolitic, fair interpart/scat oomoldic por, minor soft chalky mtx, lt yel min fluor, no vis stn, no odor, no gas kick

DOL; lt brn, sucrosic, scat gd interxln w/occ vug por, lt yel min fluor, no vis oil stn, no gas kick, ns.

LM; lt brn, fxln, some sucrosic text, partly chalky, fair interxln por, ns.

SH; med to dk gy, foss ip, scat pyr
LANSING/K.C. 'H' 4408(-2175)

LM; lt brn, oolitic, most small to med size moldic por, brittle ip, poor vug por, lt/med yel min fluor, no vis stn, no odor, questionable gas bubbles, no sample shows

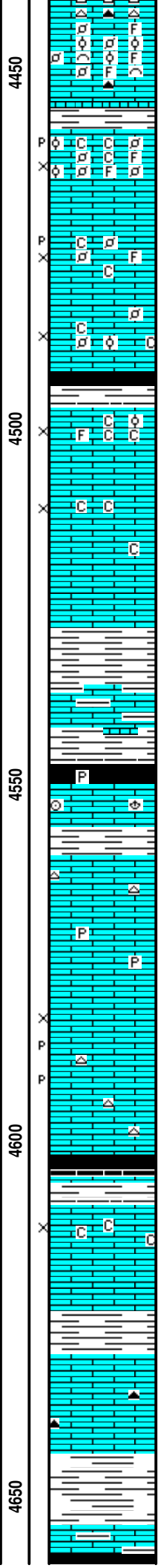
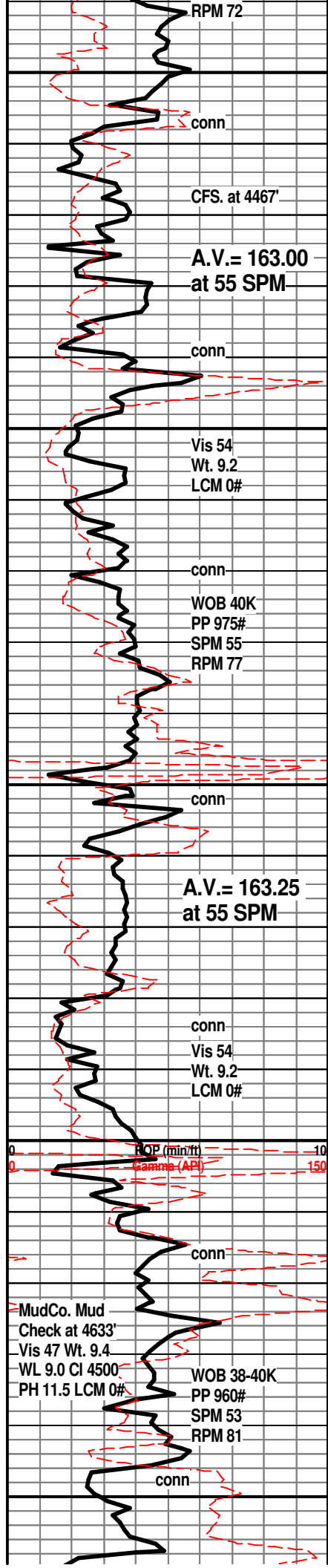
LM; tan to lt brn, foss ip, occ well cem oolites and foss mat, no vis por, no fluor, interbdd gy/tan/brn cht, ns.

170 Unit Incr.
SHOW

B.U./Trip gas

TG, Cl-C5
0.5 50 500

12 Unit Incr.



LM; lt to brn, highly foss, abnt hash/pellets, well cem, hd, no vis por, lt yel min fluor, no stn or odor, no gas kick

KANSAS CITY 'I' 4458(-2225)

LM; off wh, buff, tan, foss - finely pelletal, loosely cem, occ chalky mtx, fair interpart w/p-p por, no fluor, no stn or odor, no gas kick

LM; off wh, wh, buff, foss to fxln, poor to fair p-p and interxln/interpart por, minor chalky mtx, dull yel min fluor, no vis stn, no odor, no gas kick

LM; off wh, tan, foss w/scat small ooids/pellets, most well cem - poor interpart por, occ chalky, no fluor, ns.

KANSAS CITY 'J' 4497(-2264)

LM; off wh, buff, f to med xln, scat fair interxln por, minor chalky mtx, foss ip, no fluor, no stn or odor, no gas kick

LM; off wh, tan, buff, f to occ med xln, some gran text, scat fair interxln por, chalky ip, no stn or odor, no gas kick

SH; med gy, platy, firm

LM; med gy brn, argil, hd, w/interbdd shaly lmst

STARK SHALE 4547(-2314)

SH; blk, carb ip, blocky, rare pyr

LM; med gy, gy brn, foss ip, hd

SWOPE 4560(-2327)

LM; med brn, gy brn, dense, blocky, hd, rare gy cht, no vis por, ns.

LM; off wh, lt gy, tan, fxln to micritic, occ pyr, hd, ns.

LM; wh, off wh, f to med xln, fair interxln w/scat p-p por, chalky mtx, occ spar calc xtals, no fluor, no stn or odor, no gas kick, interbdd off wh to wh cht

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

HERTHA 4609(-2376)

LM; tan to buff, f to med xln, some gran text, fair interxln por, minor chalky mtx, no fluor, no stn or odor, ns.

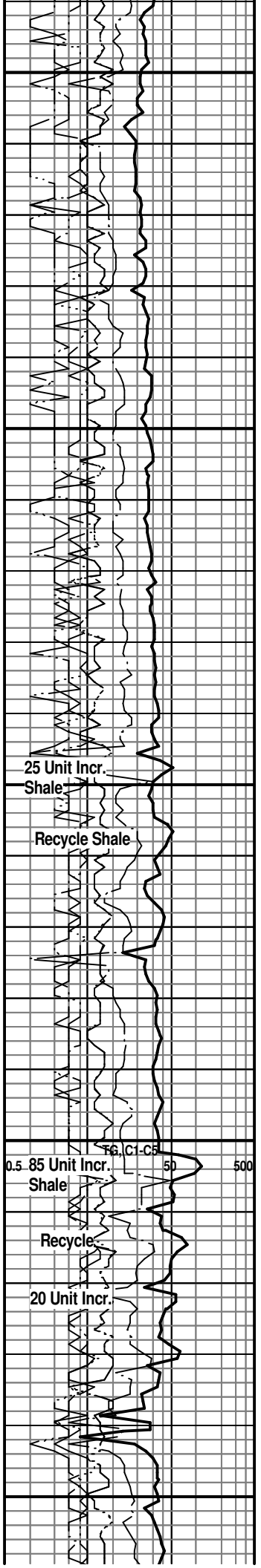
SH; med to dk gy, lmy ip.

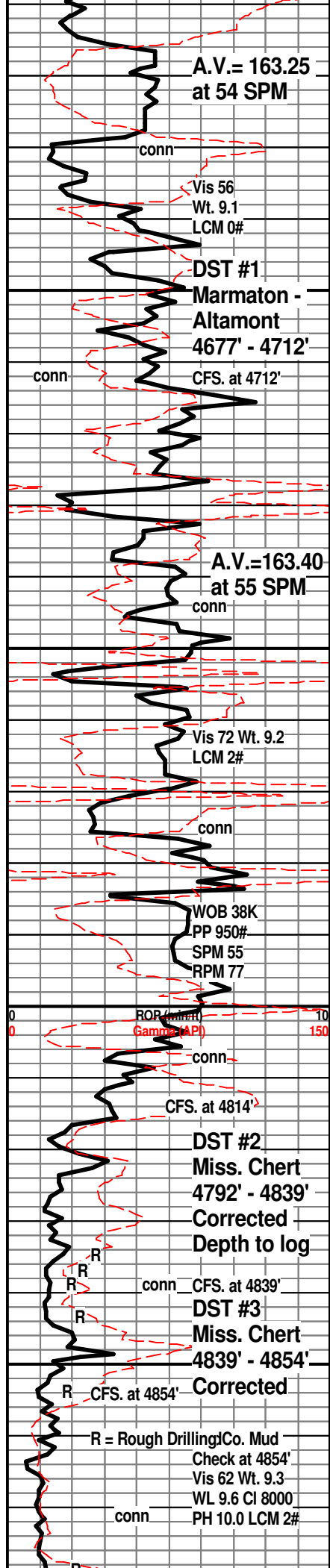
LM; med to dk brn, gy brn, dense, some gritty text, trc smoky cht, litho ip, ns.

BASE KANSAS CITY 4646(-2413)

SH; med gy, occ gy brn, rare varic, silty ip.

LM; med brn, argil ip, hd





SH; med gy, gy grn, blk, platy, smooth
PLEASANTON 4666(-2433)
 LM; off wh, tan, foss w/abnt well cem oolites/pellets, some hash, lt yel min fluor, no vis por, scat spar calc overgrowths, no gas kick
 SH; grn, gy grn, some varic - rust red, brn, foss ip.

MARMATON 4688(-2455)
 LM; lt gy, lt brn, rare pale yel/grn, hd, blocky, argil ip, no vis por, ns.

ALTAMONT 4701(-2468)
 LM; off wh, lt brn, foss w/scat pellets and oolites, med xln ip, poor/fair p-p and interpart/interxln por, lt/med brn spotted/even oil stn, brite yel fluor, fair odor, few gas bubbles, fair/gd cut, occ frags w/edge stn

DST #1: Marm. Altamont 4677' - 4712'(Corrected Depths to Log)
 LM; med brn, hd, most micritic, rare well cem foss, no fluor, ns.
 SH; dk gy, some blk, pyr ip.

PAWNEE 4738(-2505)
 LM; med brn, fxln, scat poor p-p/ vug por, much residual oil sat, fair/good odor, no live shows, med yel fluor, few gas bubbles, fair cut
 SH; blk, occ pyr, trc gas w/gas odor, blocky

LM; lt brn, foss ip, well cem, blocky, no vis por, no fluor, tite

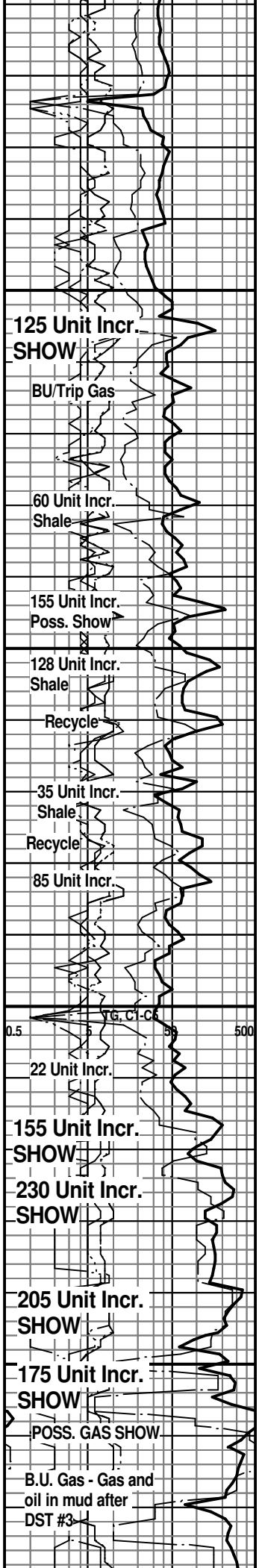
CHEROKEE SHALE 4769(-2536)
 SH; blk, dk gy, gy grn, occ pyr, platy
 LM; tan to lt brn, fxln, most dense - micritic, scat amber/org cht, no fluor, no stn or odor, no sample shows
 LM; lt brn, fxln, some gritty text, scat foss mat, trc blk tar/gilsonite, no vis por, no fluor, no odor, no gas kick

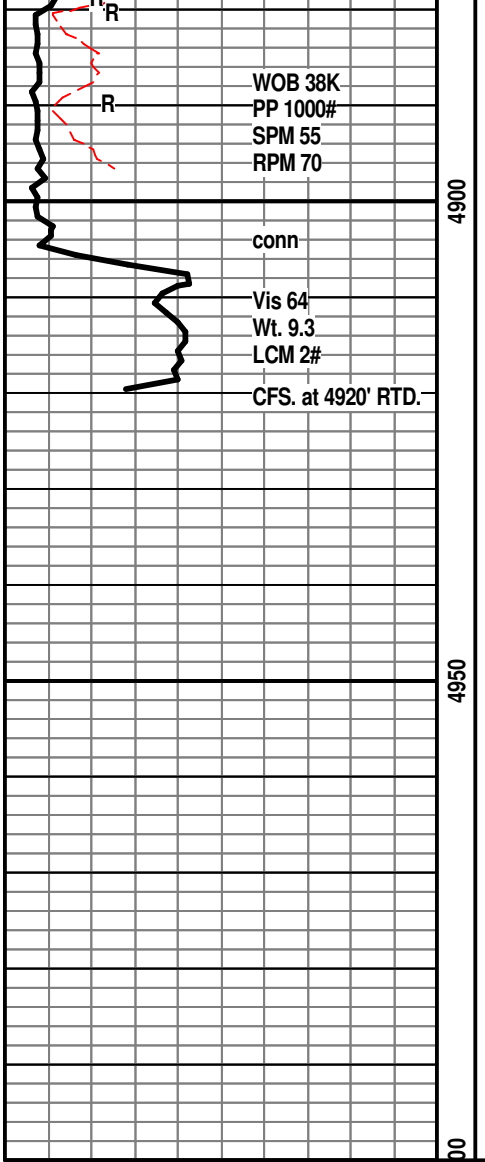
CHEROKEE LMST. 4802(-2569)
 LM; lt brn, buff, fxln to micritic, scat pcs w/blk tar/edge stn, poss frags, no live shows, no odor
 CONGL; dk red/org cht, rrd nodular lmst, f/med gr loose qtz w/live oil stn, trc blk tar/gils.

REWORKED MISS. 4816(-2583)
 CHT; yel, org, rnd nodular congl. ip, scat med brn oil stn, faint gas odor, lt yel fluor, gas show
 CHT; pale grn, wh, fresh and trip, trip has spotted/occ even med brn stn, SFO, fair odor, fair p-p/occ frac por, scat brite yel fluor, gd cut
 CHT; wh, fresh and trip, 50%w/brite yel fluor, fair odor, occ gd trip cht w/even oil stn, occ frags and scat gd p-p por, gd cut, sev. cse qtz xtals

DST #2: Miss. Chert 4792' - 4839'
 CHT; wh, trip, gd p-p/vug por, GS gassy FO, gd odor, brite yel fluor, gas bubbles, gd cut, some bleeding oil - tite
 CHT; wh, lt brn(oil stn), gran "chunky" text, gd vug por, brite yel fluor, SFO, gd odor, even stn

DST #3: Miss. Chert 4839' - 4854'
 CHT; wh, off wh, fresh- porc, some tripolite, frags w/scat vug por, sev. pcs w/spotted lt brn stn, fair odor, 50% brite yel fluor, SSFO, foss, sev. pcs w/oil saturation - even lt brn stn w/gassy oil, trc grn clay incl





WOB 38K
 PP 1000#
 SPM 55
 RPM 70

conn

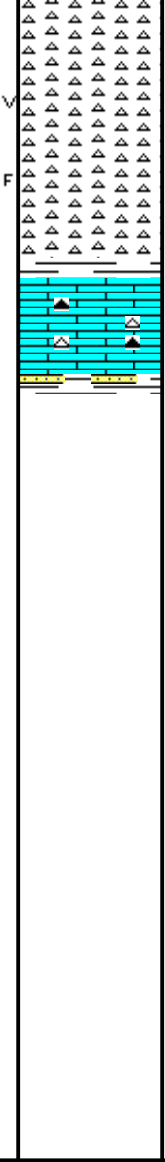
Vis 64
 Wt. 9.3
 LCM 2#

CFS. at 4920' RTD.

4900

4950

00



CHT; wh, porc, all fresh, frags w/scat vug por, v. rare fl
 yel fluor, no shows, no odor, barren

CHT; wh, porc, fresh, no shows, no fluor, rare frags/vug
 por, barren

LM; red brn, med brn, blocky, some oxidized, occ
 org/cht cht, tite

KINDERHOOK SHALE 4918(-2685)

SH; med gy, gy grn, silty to sandy, pyr

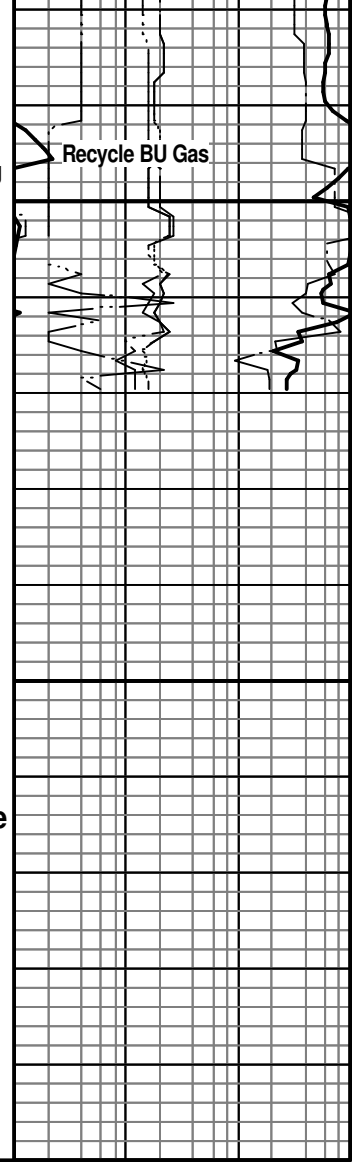
RTD. 4920' at 11:00 PM. 8/30/14

LTD. 4920'

Halliburton ACRT, NEU/DEN, Microlog,
 MRIL

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

Recycle BU Gas





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Herman L. Loeb, LLC
 P.O. Box 838
 Lawrenceville, IL. 62439
 ATTN: Jon Christensen

4-28s-18w Kiowa Co.,Ks.

White # 2-4

Job Ticket: 54136

DST#: 1

Test Start: 2014.08.28 @ 18:11:42

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 22:01:57

Time Test Ended: 02:39:27

Test Type: Conventional Bottom Hole (Initial)

Tester: Matt Smith

Unit No: 53

Interval: 4678.00 ft (KB) To 4713.00 ft (KB) (TVD)

Reference Elevations: 2233.00 ft (KB)

Total Depth: 4713.00 ft (KB) (TVD)

2220.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 6773 Inside

Press@RunDepth: 22.34 psig @ 4679.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.08.28

End Date:

2014.08.29

Last Calib.:

2014.08.29

Start Time:

18:11:47

End Time:

02:39:26

Time On Btm:

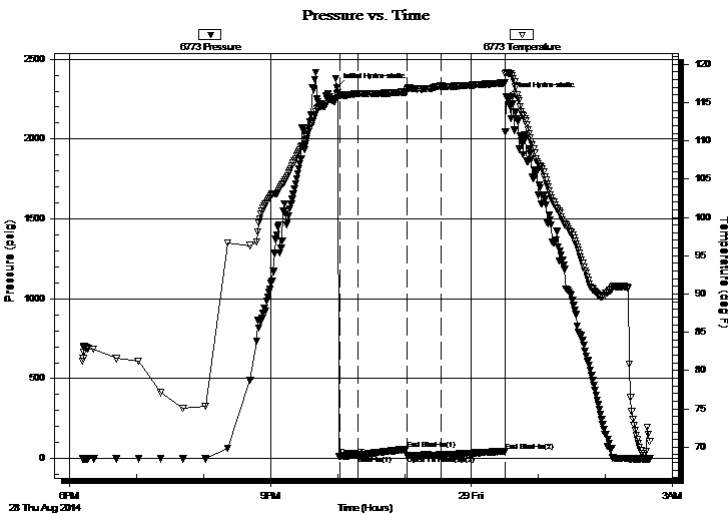
2014.08.28 @ 21:59:27

Time Off Btm:

2014.08.29 @ 00:31:27

TEST COMMENT: IF: Weak blow . Surf., - 3/4".
 IS: No blow .
 FF: Weak blow . Surf., - 1/2".
 FS: No blow .

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2320.24	116.14	Initial Hydro-static
3	13.85	115.94	Open To Flow (1)
19	19.17	116.21	Shut-In(1)
63	59.16	116.39	End Shut-In(1)
63	18.63	116.67	Open To Flow (2)
94	22.34	117.16	Shut-In(2)
151	45.73	117.59	End Shut-In(2)
152	2265.37	118.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Drig Mud 100%m	0.05

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Herman L. Loeb, LLC
P.O. Box 838
Lawrenceville, IL. 62439
ATTN: Jon Christensen

4-28s-18w Kiowa Co.,Ks.
White # 2-4
Job Ticket: 54136 **DST#: 1**
Test Start: 2014.08.28 @ 18:11:42

Mud and Cushion Information

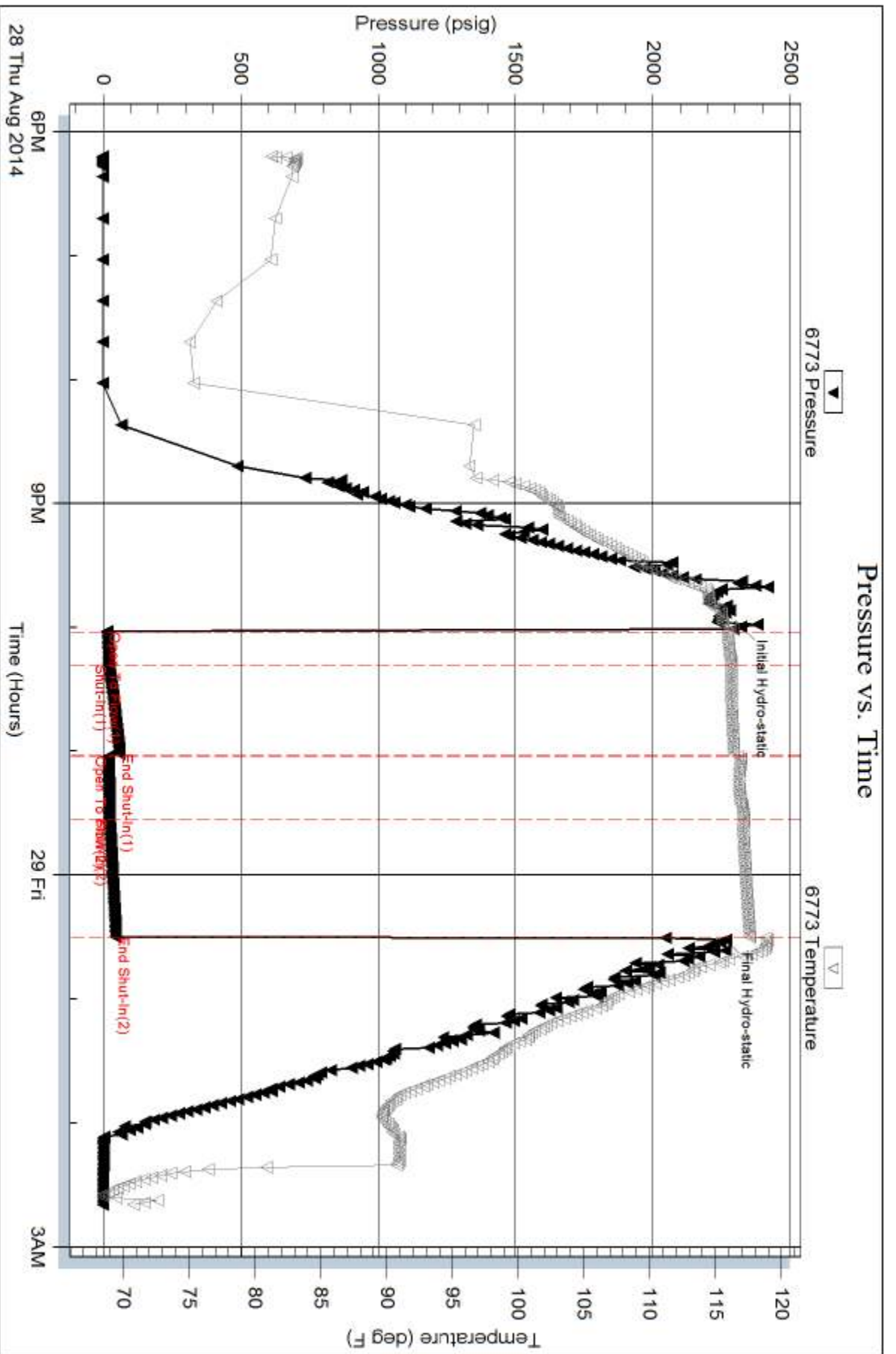
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	4500 ppm
Viscosity: 47.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.99 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 4500.00 ppm			
Filter Cake: 0.20 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Drig Mud 100%m	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none
Laboratory Name: Laboratory Location:
Recovery Comments:





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Herman L. Loeb, LLC
 P.O. Box 838
 Lawrenceville, IL. 62439
 ATTN: Jon Christensen

4-28s-18w Kiowa Co., Ks.

White # 2-4

Job Ticket: 54137

DST#: 2

Test Start: 2014.08.29 @ 18:47:58

GENERAL INFORMATION:

Formation: **Miss., Chert**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 21:17:13

Time Test Ended: 03:21:43

Test Type: Conventional Bottom Hole (Reset)

Tester: Matt Smith

Unit No: 53

Interval: 4793.00 ft (KB) To 4840.00 ft (KB) (TVD)

Total Depth: 4840.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2233.00 ft (KB)

2220.00 ft (CF)

KB to GR/CF: 13.00 ft

Serial #: 6773 Inside

Press @ Run Depth: 41.29 psig @ 4794.00 ft (KB)

Start Date: 2014.08.29

End Date: 2014.08.30

Start Time: 18:48:03

End Time: 03:21:43

Capacity: 8000.00 psig

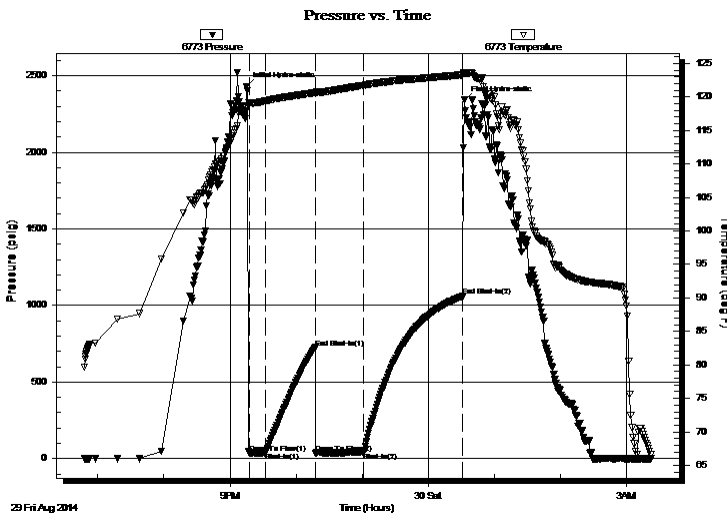
Last Calib.: 2014.08.30

Time On Btm: 2014.08.29 @ 21:14:43

Time Off Btm: 2014.08.30 @ 00:32:43

TEST COMMENT: IF: Strong blow . B.O.B. in 2 1/2 mins.
 IS: Weak blow . Surf., - 1/2".
 FF: Strong blow . B.O.B. in 10 secs.
 FS: Fair blow . Surf., - 7".

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2430.71	118.31	Initial Hydro-static
3	37.16	119.09	Open To Flow (1)
18	38.58	119.38	Shut-In(1)
63	724.69	120.63	End Shut-In(1)
63	34.14	120.45	Open To Flow (2)
107	41.29	121.72	Shut-In(2)
197	1059.63	123.29	End Shut-In(2)
198	2340.15	123.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Drig Mud 100%m	0.07
	781' G.I.P. 100%g	

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Herman L. Loeb, LLC
P.O. Box 838
Lawrenceville, IL. 62439
ATTN: Jon Christensen

4-28s-18w Kiowa Co.,Ks.
White # 2-4
Job Ticket: 54137 **DST#: 2**
Test Start: 2014.08.29 @ 18:47:58

Mud and Cushion Information

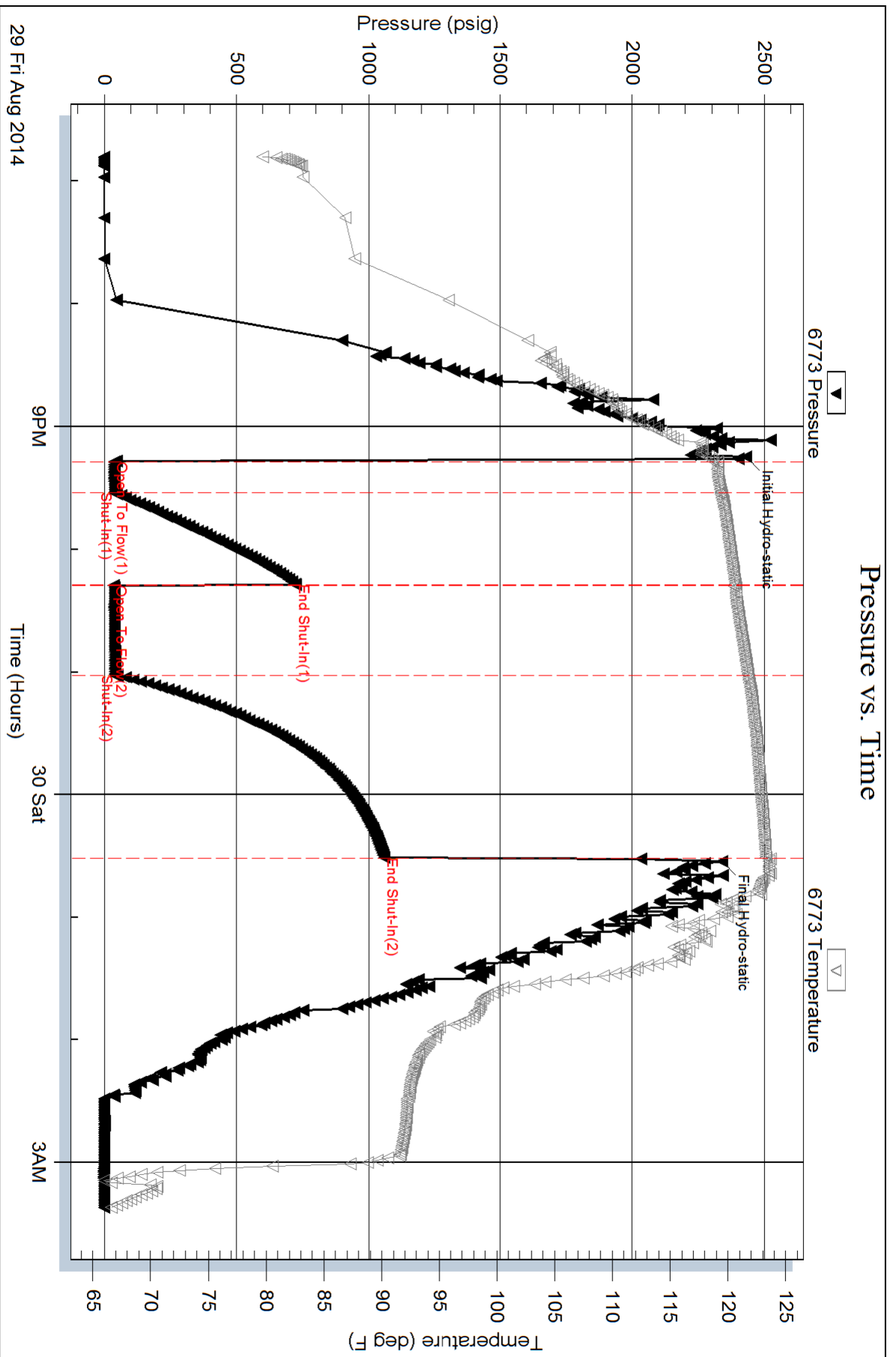
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	8000 ppm
Viscosity: 72.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.59 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 8000.00 ppm			
Filter Cake: 0.20 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Drig Mud 100%m	0.074
	781' G.I.P. 100%g	

Total Length: -999984.00 ft Total Volume: 0.074 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none
 Laboratory Name: Laboratory Location:
 Recovery Comments:





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Herman L. Loeb, LLC
 P.O. Box 838
 Lawrenceville, IL. 62439
 ATTN: Jon Christensen

4-28s-18w Kiowa Co.,Ks.

White # 2-4

Job Ticket: 54138 **DST#: 3**

Test Start: 2014.08.30 @ 10:35:14

GENERAL INFORMATION:

Formation: **Miss., Chert**
 Deviated: No Whipstock: 0.00 ft (KB)
 Time Tool Opened: 12:27:44
 Time Test Ended: 18:30:14
 Interval: **4840.00 ft (KB) To 4855.00 ft (KB) (TVD)**
 Total Depth: 4855.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Matt Smith
 Unit No: 53
 Reference Elevations: 2233.00 ft (KB)
 2220.00 ft (CF)
 KB to GR/CF: 13.00 ft

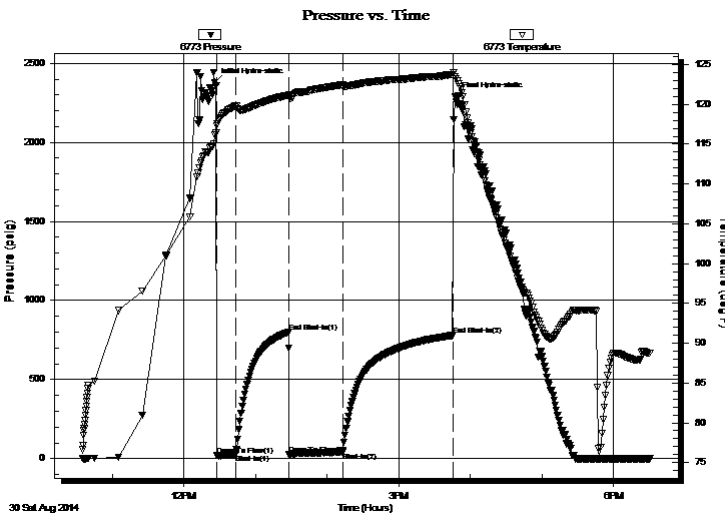
Serial #: 6773

Inside

Press@RunDepth: 42.63 psig @ 4841.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.08.30 End Date: 2014.08.30 Last Calib.: 2014.08.30
 Start Time: 10:35:19 End Time: 18:30:13 Time On Btm: 2014.08.30 @ 12:25:59
 Time Off Btm: 2014.08.30 @ 15:46:59

TEST COMMENT: IF: Strong blow . B.O.B. in 1min 15 secs.
 IS: Weak blow . Surf., -3".
 FF: Strong blow . B.O.B. immediate.
 FS: Weak blow . Surf., -4".

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2376.80	116.23	Initial Hydro-static
2	18.92	117.35	Open To Flow (1)
18	26.06	119.80	Shut-In(1)
62	800.80	121.16	End Shut-In(1)
63	25.15	120.98	Open To Flow (2)
107	42.63	122.45	Shut-In(2)
200	779.55	123.76	End Shut-In(2)
201	2289.68	123.51	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	OCM 5%o 95%m	0.02
60.00	GOWCM 15%g 15%o 20%w 50%M	0.30
0.00	1723' G.I.P. 100%g	0.00

* 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
P.O. Box 838
Lawrenceville, IL. 62439
ATTN: Jon Christensen

4-28s-18w Kiowa Co.,Ks.
White # 2-4
Job Ticket: 54138 **DST#: 3**
Test Start: 2014.08.30 @ 10:35:14

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:	39000 ppm
Viscosity: 72.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.59 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 8000.00 ppm			
Filter Cake: 0.20 inches			

Recovery Information

Recovery Table

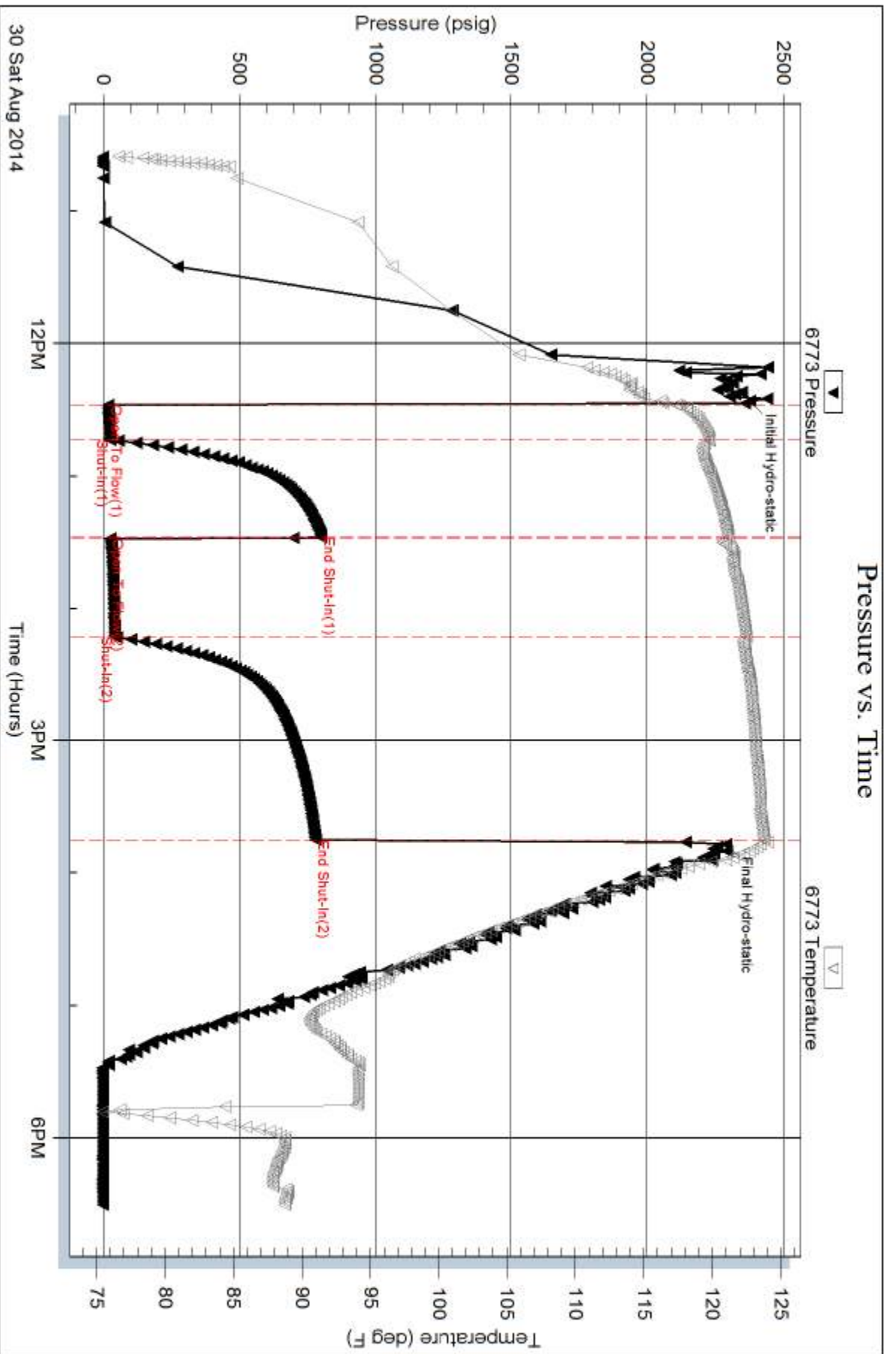
Length ft	Description	Volume bbl
5.00	OCM 5%o 95%m	0.025
60.00	GOWCM 15%g 15%o 20%w 50%M	0.295
0.00	1723' G.I.P. 100%g	0.000

Total Length: 65.00 ft Total Volume: 0.320 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none

Laboratory Name: Laboratory Location:

Recovery Comments: RW is 87 degrees @ .15 = 39,000





PAGE	CUST NO	YARD #	INVOICE DATE
1 of 1	1007589	1718	08/27/2014
INVOICE NUMBER			
91579863			

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 White 2-4
 O LOCATION
 B COUNTY Kiowa
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

6076 711 White 9438

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40759117	19905		Net - 30 days	09/26/2014

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
For Service Dates: 08/24/2014 to 08/24/2014				
0040759117				
171811048A Cement-New Well Casing/Pi 08/24/2014				
Cement Surface				
A-Con Blend Common	200.00	EA	13.32	2,664.00 T
Common Cement	200.00	EA	11.84	2,368.00 T
Celloflake	100.00	EA	2.74	273.80 T
Calcium Chloride	940.00	EA	0.78	730.38 T
"Top Rubber Cmt Plug, 8 5/8""	1.00	EA	166.50	166.50
"8 5/8"" Guide Shoe (Red)"	1.00	EA	407.00	407.00
Flapper Type Insrt Float Valve 8 5/8(Blu	1.00	EA	207.20	207.20
"Unit Mileage Chg (PU, cars one way)"	35.00	MI	3.15	110.08
Heavy Equipment Mileage	70.00	MI	5.18	362.60
"Proppant & Bulk Del. Chgs., per ton mil	658.00	EA	1.63	1,071.22
Depth Charge; 501'-1000'	1.00	EA	888.00	888.00
Blending & Mixing Service Charge	400.00	BAG	1.04	414.40
Plug Container Util. Chg.	1.00	EA	185.00	185.00
"Service Supervisor, first 8 hrs on loc.	1.00	EA	129.50	129.50

PAID
52613
SEP 04 2014

SCANNED

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	9,977.68
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	431.59
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	10,409.27
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 11048 A

DATE 8-28-18 TICKET NO. _____

DATE OF JOB <u>8-24-14</u>	DISTRICT <u>Pratt</u>	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 <u>Herman L. Loeb, LLC</u>	LEASE <u>white</u>	WELL NO. <u>2-4</u>								
ADDRESS	COUNTY <u>kiowa</u>	STATE <u>KS</u>								
CITY	STATE	SERVICE CREW <u>Mike Aaron Joe</u>								
AUTHORIZED BY	JOB TYPE: <u>cnw surface</u>									
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
<u>77686-19905</u>	<u>40min</u>						<u>8-24-14</u>			<u>930</u>
<u>19960-21010</u>	<u>40min</u>									<u>1200</u>
<u>28843</u>										<u>1650</u>
										<u>1730</u>
										<u>1830</u>
										<u>35</u>

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 Lott
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 101	A-con Blend Cement	SK	200		3,600 00
CP 100C	Common Cement	SK	200		3,200 00
CL 102	celloflake	lb	100		370 00
CL 109	Calcium Chloride	lb	940		987 00
CF 105	Top Rubber Plug	eq	1		225 00
CF 1453	flapper Insert	eq	1		280 00
CF 203	guide shoe	eq	1		550 00
E 100	Pickup Mileage	mi	35		148 75
E 101	Heavy Mileage	mi	70		490 00
E 113	Bulk Delivery	TM	658		1,447 60
CE 201	MIXING Charge DEPTH DEPTH Charge	4hr	1		1,200 00
CE 240	MIXING Charge	SIS	400		560 00
CE 504	Plug Container	JOB	1		250 00
S 003	supervisor	eq	1		175 00

SUB TOTAL 9,977 68

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE Joe Hudson THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: Alan Lott
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

Customer Herman L. Loeb LLC		Lease No. 44		Date 8-24-14	
Lease White		Well # 2-4			
Field Order # 11048	Station Pratt	Casing 8 5/8	Depth 623	County Kiowa	State KS
Type Job CN W Surface			Formation	Legal Description 4-28-18	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 8 5/8	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
Depth 632	Depth	From	To	Pre Pad				5 Min.
Volume 38	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 605	Packer Depth	From	To	Flush		Gas Volume		Total Load

Customer Representative Allen	Station Manager Kevin	Treater Joe			
Service Units	77686	19905	19960	21010	28443
Driver Names	MIKE	AGRON	JOE		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1200					ONLOC / Safety meeting
					Run 15 JTS of 8 5/8 csg @ 23# Pipe
					flapper insert in TOPOS 23 JT #1
					Guide Shoe on Bottom of JT #1
1530					Start Running csg
					csg on Bottom / Break CIRC with Big
1650					Hook up to Pump TRK to start JOB
1650	100		5	5	H2O spacer
			88	5	mix 200 SK A-con @ 12#
	400		43	5	mix 200 S/S common @ 15.6#
	200		0	6	Shut Down Release Plug / start H2O Dis
			12	6	cement to surface
17:30	500		38	0	Plug Down
					26 BBL of cement to Pit
					JOB COMPLETE Thank you JOE



PAGE	CUST NO	YARD #	INVOICE DATE
1 of 1	100758	1718	09/05/2014
INVOICE NUMBER			
91587109			

Pratt (620) 672-1201

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

J LEASE NAME White 2-4
 O LOCATION
 B COUNTY Kiowa
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

6076 771 White 1 9438

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40762283	27463		Net - 30 days	10/05/2014

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
For Service Dates: 09/01/2014 to 09/01/2014				
0040762283				
17181127A Cement-New Well Casing/Pi 09/01/2014				
Cement 5 1/2" Longstring				
50/50 POZ	250.00	EA	8.47	2,117.36 T
Celloflake	63.00	EA	2.85	179.48 T
Gypsum	1,050.00	EA	0.58	606.34 T
FLA-322	105.00	EA	5.77	606.34 T
Mud Flush	1,000.00	EA	1.15	1,154.92 T
Gilsonite	1,501.00	EA	0.52	774.32 T
KCL Postassium Chloride	566.00	EA	1.15	653.69 T
Claymax KCL Substitute	5.00	EA	26.95	134.74 T
"Latch Down Plug & Baffle, 5 1/2" (Blu	1.00	EA	307.98	307.98
"Auto Fill Float Shoe 5 1/2" (Blue)"	1.00	EA	277.18	277.18
"Turbolizer, 5 1/2" (Blue)"	12.00	EA	84.69	1,016.33
"5 1/2" Basket (Blue)"	2.00	EA	223.29	446.57
"Cement Scratchers Cable Type, 5 1/2" "	12.00	EA	57.75	692.95
"Unit Mileage Chg (PU, cars one way)"	35.00	MI	3.27	114.53
Heavy Equipment Mileage	70.00	MI	5.39	377.28
"Proppant & Bulk Del. Chgs., per ton mil	368.00	EA	1.69	623.35
Depth Charge; 4001'-5000'	1.00	EA	1,940.27	1,940.27
Blending & Mixing Service Charge	250.00	BAG	1.08	269.48
High Hoad Charge (Over 6')	1.00	EA	230.98	230.98
Plug Container Util. Chg.	1.00	EA	192.49	192.49
"Service Supervisor, first 8 hrs on loc.	1.00	EA	134.74	134.74

PAID
 53019
 SEP 18 2014
 SCANNED

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	12,851.32
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	445.24
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	13,296.56
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

4-28-18

FIELD SERVICE TICKET
1718 11127 A

DATE _____ TICKET NO. _____

DATE OF JOB 9-1-14	DISTRICT Pratt	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 White		2-4		WELL NO.			
ADDRESS		COUNTY Kiowa		STATE KS					
CITY		STATE		SERVICE CREW Josh Aaron Joe					
AUTHORIZED BY		JOB TYPE: CROW Longstrig							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
27463	4hr						8-31-14	PM	2000
70459-19918	1hr						9-1-14	AM	0000
28443								AM	600
								AM	700
								AM	800
						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: *Michael Polley*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 104	50/50 POZ	SK	200		2,200 00
CP 104	50/50 POZ	SK	50		550 00
CC 102	Celloflase	lb	63		233 16
CC 113	Gypsum	lb	1050		787 50
CC 129	FLA-322	lb	105		787 50
CC 201	Gilsonite	lb	1501		1,005 67
C 700	KCL Potassium Chloride	lb	566		849 06
CF 607	Latch Down Plug	eq	1		400 00
CF 1251	Auto Fill Shoe	eq	1		360 00
CF 1651	Turbolizer	eq	12		1,320 00
CF 1901	BASKET	eq	2		580 00
CF 2001	Scratchers cable type	eq	12		900 00
					SUB TOTAL

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE <i>John...</i>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <i>Michael Polley</i> (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
FIELD SERVICE ORDER NO.	



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 ~~11128~~ A
Continuation of

DATE TICKET NO. 111 27A

DATE OF JOB: 9-1-14	DISTRICT: Pratt	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: white		2-4		WELL NO.:	
ADDRESS:		COUNTY: Kiowa		STATE: KS			
CITY:		STATE:		SERVICE CREW:			
AUTHORIZED BY:		JOB TYPE:					

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
						ARRIVED AT JOB				AM
						START OPERATION				AM
						FINISH OPERATION				AM
						RELEASED				AM
						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: *Michael Kelly*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
C 704	KCL	GAL	5		175 00
CC 151	mud flush	GAL	1000		1,500 00
E 100	Pickup mileage	Mi	35		148 75
E 101	Heavy mileage	Mi	70		490 00
E 113	BULK Delivery	Tm	368		808 50
CE 205	DEPTH charge	4hr	1		2,520 00
CE 240	Mixing charge	SK	250		350 00
CE 504	Plus container	JOB	1		250 00
S 003	supervisor	eq	1		175 00
C 503	High Head charge	ei	1		300 00

SUB TOTAL *12,851.32*

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE: *[Signature]*
THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *Michael Kelly*
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

Customer Herman L Loeb LLC	Lease No.	Date 9-1-14	
Lease White	Well # 2-4		
Field Order # 11127	Station Pratt	Casing 5 1/2	Depth 4921
		County KS10W9	State KS
Type Job cn w Longstring	Formation	Legal Description 4-28-18	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
5 1/2								
Depth 4921	Depth	From	To	Pre Pad	Max		5 Min.	
Volume 117	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 4921	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative Mike	Station Manager Kevin	Treater Joe
Service Units 27463 70959 19918	28443	
Driver Names Josh Aaron	Joe	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0000					ONLOC / safety meeting
					Run 116 JTS of 5 1/2 csg
					cen. on 1-2-3-5-7-9-10-11-12-17-22-27
					Basket on 9-21
					Scratcher 6' apart on JT2 @ 1' 20' on JT3
1.30					START Running csg
500					csg on bottom / circ with Rig
600					HOOK UP TO PUMP TRK TO START JOB
	400		5	4	H2O spacer
			24	4	mud flush
			5	4	H2O spacer
	400		48	4	Mix 200 sk of 50/50 POZ @ 14#
			0	0	Shut Down clear PUMP & Lines
639	300		0	5.75	Release Plug START H2O DISP.
			54	5.75	LIFT PST
	700		105	4	slow Rate
700	1500		117	0	Plug Down
					Plug AM CMH
					JOB COMPLETE
					Thank you Joe