



KANSAS CORPORATION COMMISSION 1103426
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

Form Must Be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 3273
Name: HERMAN L. LOEB, LLC
Address 1: PO BOX 838
Address 2: _____
City: LAWRENCEVILLE State: IL Zip: 62439 + _____
Contact Person: Jesse Middagh
Phone: (618) 943-2227
CONTRACTOR: License # 5142
Name: Sterling Drilling Company
Wellsite Geologist: Jon Christensen
Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SLOW
- 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

Conv. to GSW

Plug Back: _____ Plug Back Total Depth _____

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

ENHR Permit #: _____

GSW Permit #: _____

<u>10/09/2012</u>	<u>10/17/2012</u>	<u>11/05/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-145-21689-00-00

Spot Description: _____
SE SE NW NW Sec. 34 Twp. 21 S. R. 16 East West

1062 Feet from North / South Line of Section

1147 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW

County: Pawnee

Lease Name: CARR Well #: 2-34

Field Name: _____

Producing Formation: Arbuckle

Elevation: Ground: 1991 Kelly Bushing: 2002

Total Depth: 4534 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 1006 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

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: Doanna Garrison Date: 12/19/2012



1103426

Operator Name: HERMAN L. LOEB, LLC Lease Name: CARR Well #: 2-34
 Sec. 34 Twp. 21 S. R. 16 East West County: Pawnee

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

<p>Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i></p> <p>Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i></p> <p>List All E. Logs Run: <small>microlog log array comp resistivity log neutron spectral density log</small></p>	<p><input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample</p> <p>Name Top Datum</p> <p>**see geo report</p>
--	---

CASING RECORD <input checked="" 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
surface casing	12.5	8.625	23	1006	**see cement ticket	400	**see cement ticket
production casing	7.875	5.5	15.5	4018	**see cement ticket	250	**see cement ticket

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ Plug Off Zone				

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
4	perf ar buckle @ 3848-52' & set CIBP @ 4870'	4spf w/ 39 gm. charges	3848'-3852'

TUBING RECORD: Size: <u>2 7/8'</u> Set At: <u>3864</u> Packer At: _____ Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. _____	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
Estimated Production Per 24 Hours	Oil Bbls. _____ Gas Mcf _____ Water Bbls. _____ Gas-Oil Ratio _____ Gravity _____

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: <u>3848-3852</u>
---	---	--

LITHOLOGY STRIP LOG

WellSight Systems

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

Well Name: Carr #2-34
Location: 1062' FNL & 1147' FWL, Sec. 34-T21S-R16W, Pawnee Co., KS.
Licence Number: 15-145-21689-0000 Region: Larned Field
Spud Date: 10/9/2012 Drilling Completed: 10/17/2012
Surface Coordinates: 1062' FNL & 1147' FWL, Sec. 34-T21S-R16W

Bottom Hole Same as above
Coordinates:
Ground Elevation (ft): 1991' K.B. Elevation (ft): 2002'
Logged Interval (ft): 3150 To: 4538' Total Depth (ft): 4538'
Formation: Granite Wash at Total Depth
Type of Drilling Fluid: Freshwater/Gel to 2984'; Chemical Gel 2984' to 4538'
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(Lansing 'A' + 'B' zones) 3508' - 3544' Test Times 15"-45"-45"-90" IFP Weak Blow built to Fair 3.5" Blow, FFP Fair 7" Blow, no Blowback on SI's; REC: 200' Gas in Pipe, 50' OCM(10%O, 90%M), 30' GO & WCM(10%G, 15%O, 20%W, 55%M) CI 33,000, Mud CI 6000; IFP 15-27#, ISIP 1077#, FFP 31-46#, FSIP 1028#, IHP 1714#, FHP 1714#, BHT 107 Deg. F.

DST #2(Arbuckle) 3772' - 3855' Test Times 10"-30"-10"-30" IFP Strong Blow BOB/1 Min., FFP Strong Blow BOB/2 Min., 7" Blowback on FSI; REC: 370' Gas in Pipe, 490' GWOCM(10%G, 25%O, 25%W, 40%M), 770' GOCMW(5%G, 20%O, 55%W, 20%M), 420' GMW(5%G, 90%W, 5%M), CI 37,000, Mud CI 6500; IFP 476-692#, ISIP 1190#, FFP 724-881#, FSIP 1192#, IHP 1903#, FHP 1733#, BHT 117 Deg. F.

Comments

10/9/12 MIRU Sterling Rig #2, Spud at 8:30 PM.; 10/10/12 Drilling at 774'; 10/11/12 TD. 1011' - Drilling Cement Plug; 10/12/12 Drilling at 2347'; 10/13/12 Drilling at 3080'; 10/14/12 TD. 3544' - DST #1; 10/15/12 Drilling at 3810'; 10/16/12 Drilling at 4025'; 10/17/12 RTD. 4538' - Short Trip for Logs

Set new 8 5/8" 23# Surface Casing at 1006' w/ 400 sx.(Basic Energy Services). Cement did Circulate. PD. 5:30 PM. 10/10/12.

Surveys: 0.5 Deg. at 1011'(Surface Casing); 0.75 Deg. at 3544'(DST #1); 1 Deg. at 3855'(DST #2); Deg. at 4538' RTD.

Pipe Strap at 3544'(DST #1): Strap 0.84 Long to the Board, no correction made to the Board.

ROCK TYPES

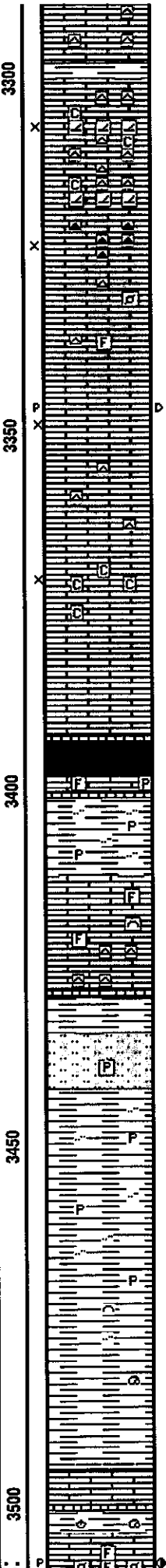
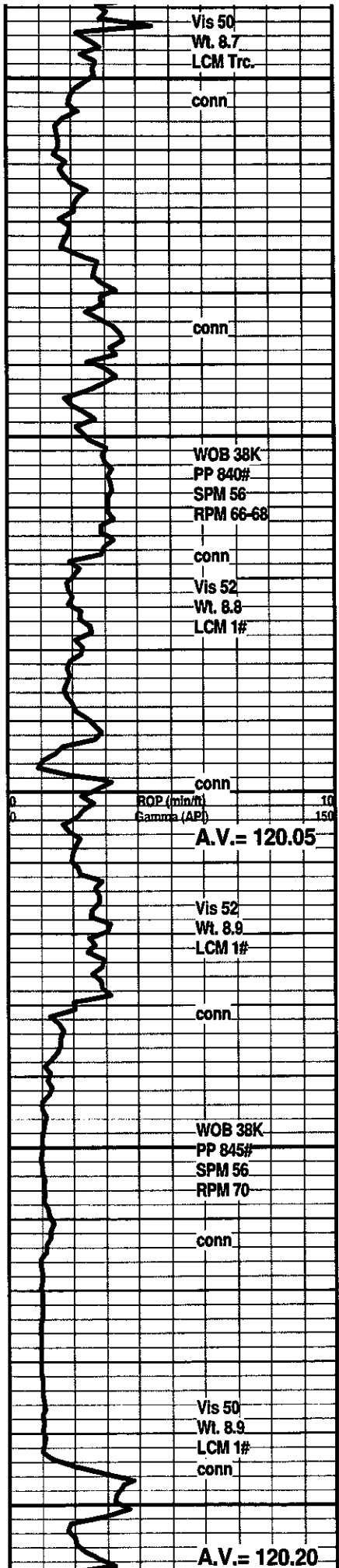
 Anhy	 Clyst	 Gyp	 Mrlst	 Shgy
 Bent	 Coal	 Igne	 Salt	 Sltst
 Brec	 Congl	 Lmst	 Shale	 Ss
 Cht	 Dol	 Meta	 Shcol	 Till

ACCESSORIES

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

OTHER SYMBOLS

POROSITY	<input checked="" type="checkbox"/> Vuggy	ROUNDING	<input type="checkbox"/> Spotted	EVENT
<input type="checkbox"/> Earthy		<input type="checkbox"/> Rounded	<input type="checkbox"/> Ques	<input type="checkbox"/> Rft
<input type="checkbox"/> Fenest	SORTING	<input type="checkbox"/> Subrnd	<input type="checkbox"/> Dead	<input type="checkbox"/> Sidewall
<input type="checkbox"/> Fracture	<input checked="" type="checkbox"/> Well	<input type="checkbox"/> Subang		
<input checked="" type="checkbox"/> Inter	<input type="checkbox"/> Moderate	<input type="checkbox"/> Angular	INTERVAL	
<input checked="" type="checkbox"/> Moldic	<input type="checkbox"/> Poor		<input type="checkbox"/> Core	
<input type="checkbox"/> Organic		OIL SHOW	<input type="checkbox"/> Dst	
<input type="checkbox"/> Pinpoint		<input type="checkbox"/> Even		



LM; lt to med brn, med xln to micritic, scat gy to tan cht, no vis por, spotty lt yel min fluor, no stn or odor, ns.

LM; off wh, tan, buff, med to occ cse xln, some interbdd dolomitic lmst, cherty w/off wh, tan to lt gy cht, scat lt yel min fluor, minor soft chalky mtx, no stn or odor, ns.

LM; tan to lt brn, f to med xln, some gran text, fair interxln por, interbdd dk gy/smoky/blk cht, dull yel to no fluor, ns.

LM; tan to cream, buff, fxln, scat fair interxln w/occ p-p por, few pcs w/blk tar/gilsonite, dead oil, no live shows, no odor, weak/no cut

LM; off wh, wh, cream, fxln, much chalk and chalky mtx, soft lp, fair interpart por lp, no fluor, no stn or odor, ns.

HEEBNER SHALE 3393(-1391)
SH; blk, carb ip, platy, trc gas
LM; med brn, gy brn, dense, foss lp, pyr.

SH; gm, gy gm, silty, firm, occ pyr.

TORONTO 3412(-1410)
LM; off wh, wh, buff, fxln, scat well cem foss mat, hd, rare off wh cht, much med yel min fluor, interbdd hd gy micrite, no stn or odor, no gas kick, ns.

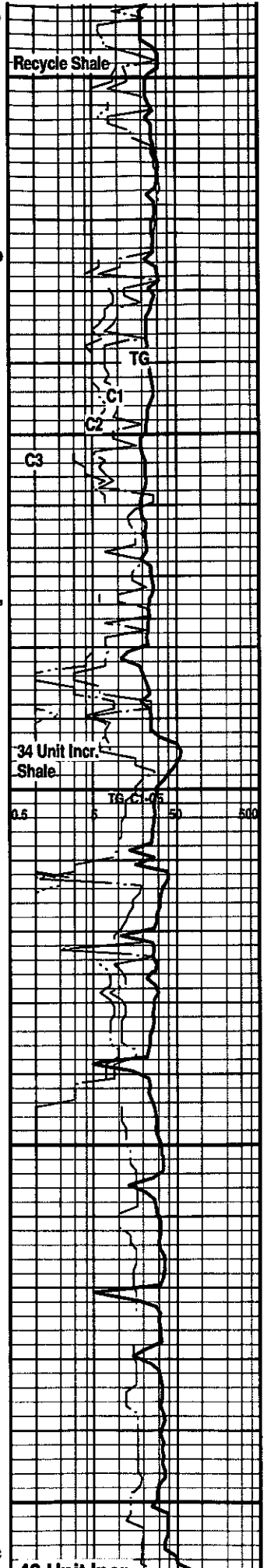
DOUGLAS SHALE 3429(-1427)
SH; lt to med gy, silty, platy
SLTST; lt gy, rarely med gy, firm, platy

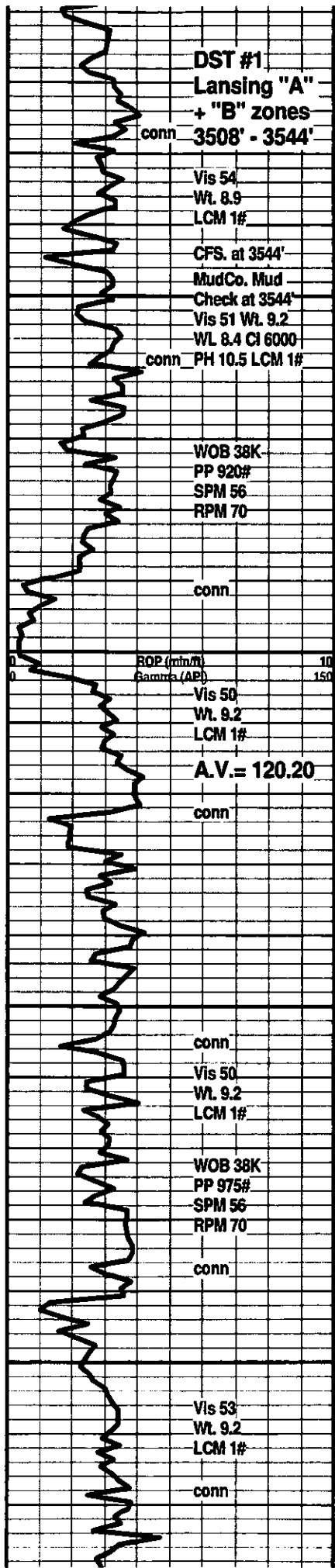
SH; lt to med gy, silty ip, occ pyr, firm

SH; med gy, firm, fiss to flakey, rarely foss

BROWN LMST. 3495(-1493)
LM; med brn, dense, micritic, blocky

LANSING 'A' 3504(-1502)
LM; lt/med gy, tan, foss - finely pelletal, fair p-p and occ





**DST #1
Lansing "A"
+ "B" zones
3508' - 3544'**

conn
Vis 54
Wt. 8.9
LCM 1#
CFS. at 3544'
MudCo. Mud
Check at 3544'
Vis 51 Wt. 9.2
WL 8.4 CI 6000
conn PH 10.5 LCM 1#

WOB 38K
PP 920#
SPM 56
RPM 70

conn

ROP (min/m)
Gamma (API)

Vis 50
Wt. 9.2
LCM 1#

A.V. = 120.20

conn

conn

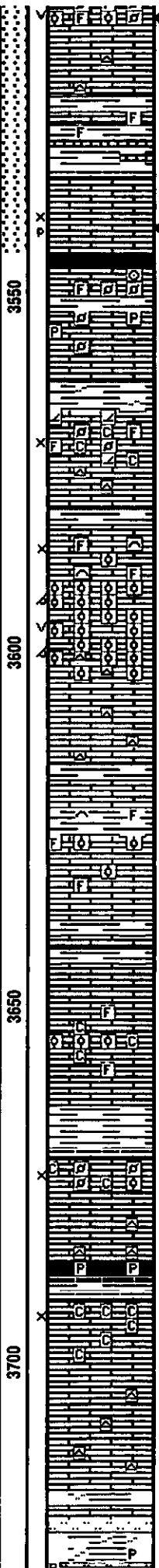
Vis 50
Wt. 9.2
LCM 1#

WOB 38K
PP 975#
SPM 56
RPM 70

conn

Vis 53
Wt. 9.2
LCM 1#

conn



vug por, med/brite yel fluor, 1 rc. FO, gd odor, spotted to even lt brn stn, few gas bubbles, some bleeding oil, gd cut

LM; off wh, buff, most dense, scat off wh cht

SH; med gy, gm, interbdd hd foss lmst strngs.

LANSING 'B' 3533(-1531)

LM; tan to cream, f to med xln, fair interxln w/p-p por, med/brite yel fluor, fair odor, Trc. FO, trc gas, most w/even med brn stn, fair to gd cut

DST #1: Lansing 'A'+ 'B' 3508' - 3544'

LM; med brn, gy brn, foss - pelletal lp, most well cem, scat pyr, no vis por, ns.

LM; tan to lt brn, foss, scat foss frags w/occ pelletal lmst, minor soft chalky mtz, dull to lt yel min fluor, no stn or odor, ns.

SH; med gy, gm, silty ip, firm

LM; off wh, tan, cream, foss, fair interpart por, partly sucrosic text - dolo lp, scat soft chalky mtz ip, interbdd gy to off wh cht, dull yel min fluor, no stn or odor, ns.

LANSING 'G' 3582(-1580)

LM; tan to off wh, buff, foss - partly oolitic, most well cem, poor interpart por, no stn, ns.

LM; off wh, tan - buff, oolitic, most med to occ lrg moldic por, scat vug por also, occ chalk and chalky mtz, no fluor, no stn or odor, scat off wh to gy oolitic cht, ns.

LM; tan to buff, off wh, most dense, blocky, scat off wh cht, tite

LM; med brn, hd, foss ip, tite

KANSAS CITY 'H' 3626(-1624)

LM; tan to cream, foss ip, rarely oolitic, most well cem, dull yel mln fluor only, no stn or odor, ns.

SH; med gy gm, platy

LM; off wh, buff, f to med xln, scat soft chalky mtz, poor interpart por, interbdd foss lmst w/wscat small oolites, chalky, dull yel fluor, ns.

SH; med gy, gm, trc dk gy, platy

KANSAS CITY 'J' 3671(-1669)

LM; tan to off wh, wh, f to med xln, scat foss w/small pellets, most well cem, minor soft chalky mtz, poor/no vis por, no stn or odor, ns.

LM; tan to cream, buff, hd, micritic, cherty, tite

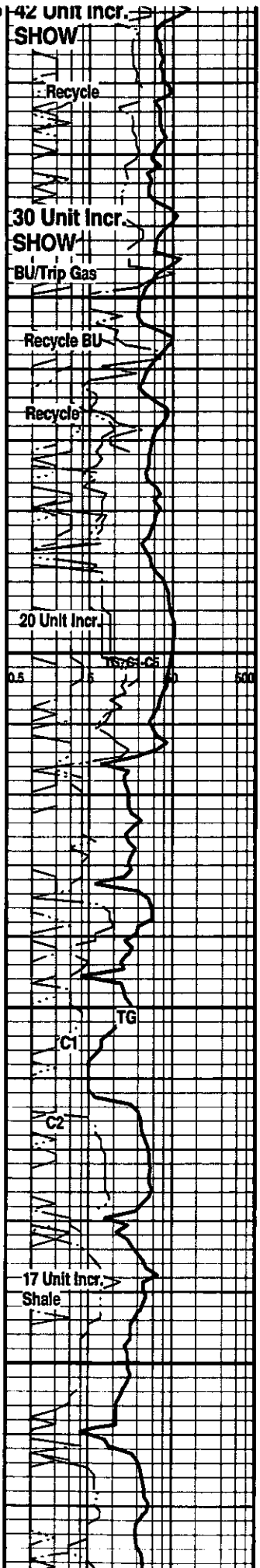
SH; blk, platy, pyr lp.

LM; wh, off wh, fxln, v. chalky at top, poor interxln por, no fluor, ns.

LM; tan to buff, rare lt brn, blocky, hd, no vis por, scat off wh to gy cht, tite

BASE KANSAS CITY 3718(-1716)

SH and SLTST; lt gy, some varic sh, soft, silty, occ pyr



42 UNIT INCR. SHOW

Recycle

30 Unit Incr. SHOW

BU/Trip Gas

Recycle BU

Recycle

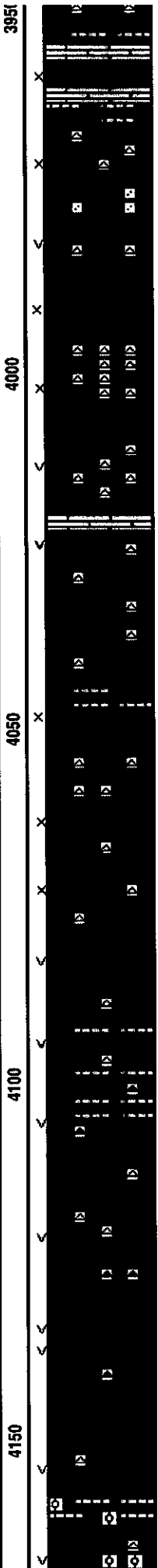
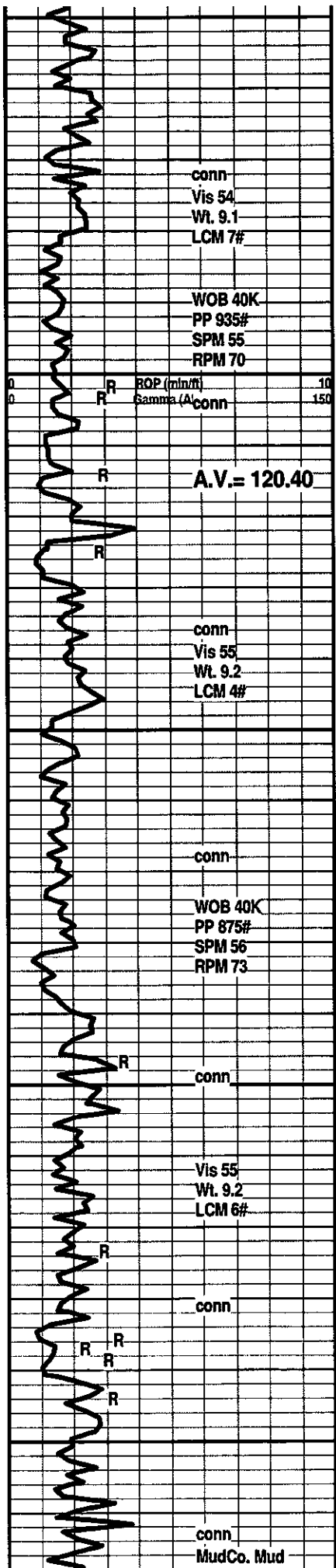
20 Unit Incr.

ns, 26, 25

TG
C1

C2

17 Unit Incr. Shale



DOL; off wh, tan to lt brn, sucrosic to finely rhombic, scat off wh oolitic cht, interbdd med brn hd lmy dolo and dolo. lmsst, med yel min fluor, no stn or odor, ns.

DOL; tan to lt brn, sucrosic to fine rhombic, rare med gr qtz in dolo, rare off wh oolitic cht, med yel min fluor, fair interxdn w/rare vug por, no stn or odor, ns.

DOL; tan to lt brn, sucrosic to fine rhombic, abnt wh fresh cht, med yel min fluor, fair interxdn por, no stn or odor, ns.

DOL; lt to med brn, sucrosic to f rhombic, cherty, scat transl. qtz xtals, vug por, med yel min fluor, ns.

LM; med brn, dense, micritic, cherty

DOL; lt brn, off wh, med rhombic w/well dev. vug por, cherty ip w/occ wh fresh cht, med yel min fluor, ns.

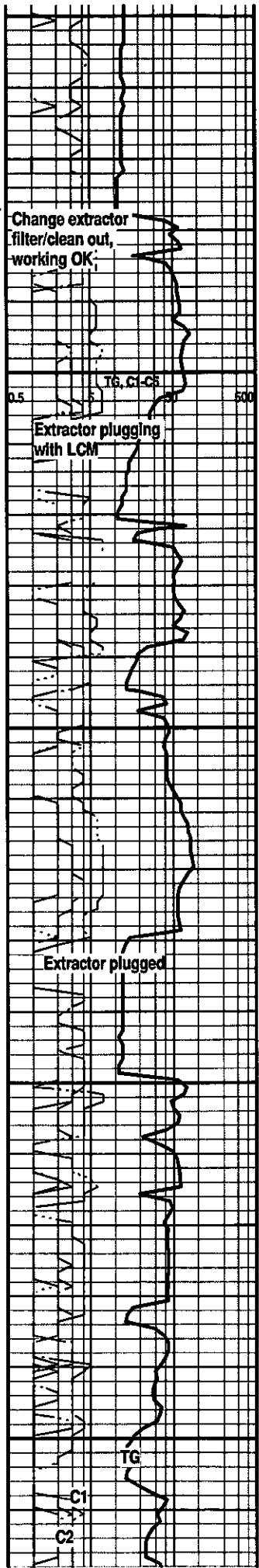
DOL; tan to lt brn, sucrosic to fine rhombic, scat hd lmy dolo/dolo lmsst, cherty ip, occ soft chalky mtx, fair to gd interxdn por, med yel fluor, faint sulfur odor, ns.

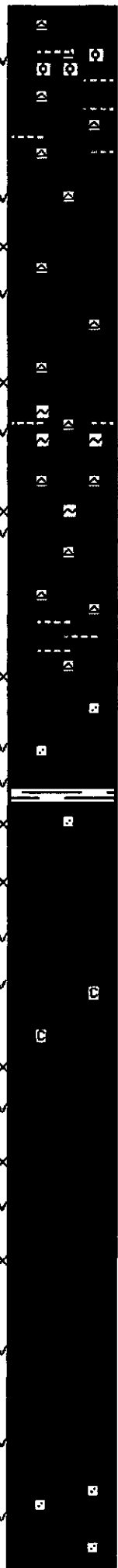
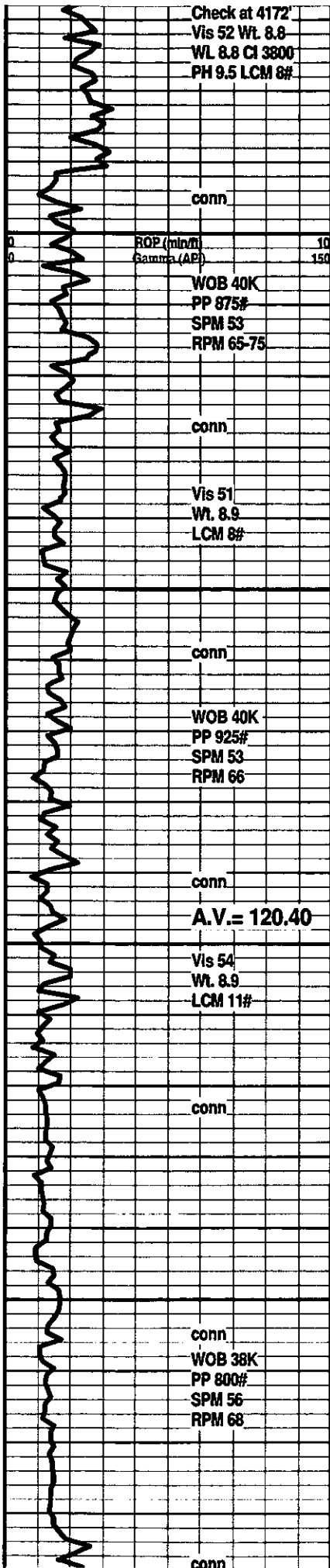
DOL; tan to buff, occ lt gy, most med rhombic w/gd interxdn and vug por, scat off wh cht, interbdd csely rhombic dolo w/well dev. vug por, med yel fluor, ns.

DOL; tan to buff, f to med rhombic, interbdd hd lmy dolo/dolo lmsst, occ cherty w/occ amber to org, scat transl. qtz xtals, sli. sulfur odor, med yel min fluor, ns.

DOL; lt to med brn, med rhombic, some rnd rhombs, not qtz gr, v. gd vug por w/lrg pore throats, med yel fluor, scat lrg opaque calc xtals, ns.

DOL; lt brn, tan, med rhombic, lmy ip, scat oolitic lmy dolo, some tite, interbdd well dev. vug por, rare off wh cht, ns.





DOL; off wh, tan, lt brn, most med to occ cse rhombic, scat lrg vug por, occ wh oolitic cht, lmy - tite lp, v. dull yel min fluor, no stn or odor, ns.

DOL; lt to med brn, off wh, med rhombic w/gd interxdn and vug por, lrg pore throats, scat lt to med yel min fluor, rare wh to off wh oolitic cht, no stn or odor, ns.

DOL; tan to lt brn, rare med brn, sucrosic to med rhombic, scat gd interxdn w/vug por, med yel min fluor, occ cherty, rare transl. qtz xtals, no stn or odor, Interbdd off wh to lt gy partly lmy glau dolo, ns.

DOL; off wh, lt gy, rare tan, fine to med rhombic, gd interxdn and occ vug por, scat off wh/wh cht, med yel min fluor, interbdd hd dolomitic lnst, no stn or odor, ns.

DOL; wh, off wh, med rhombic, minor soft chalky mtz, v. gd interxdn and vug por, med yel fluor, rare clr med gr qtz in mtz. ns.

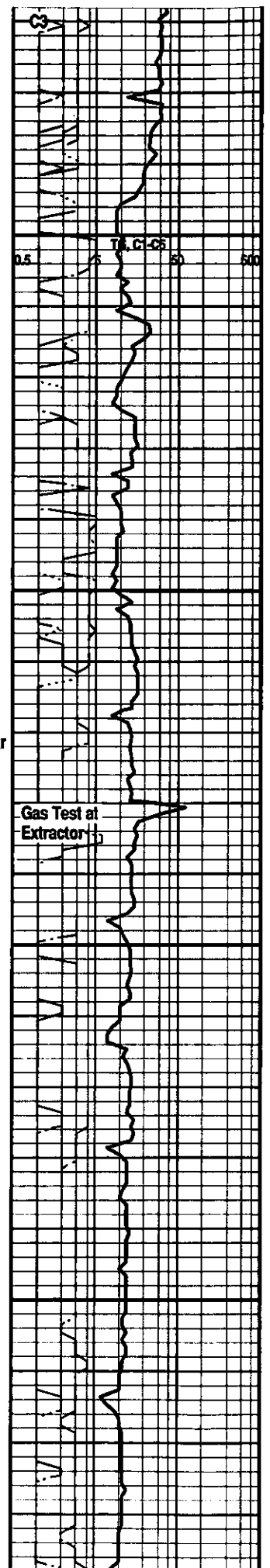
SH; brite gm, platy

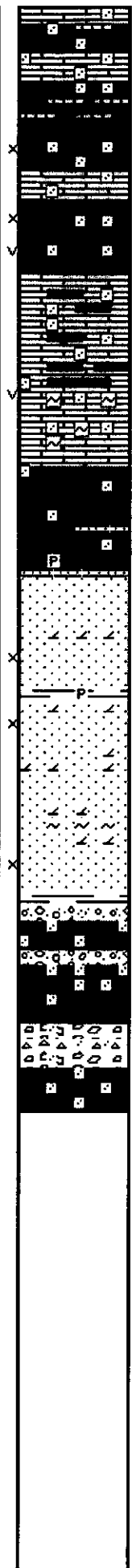
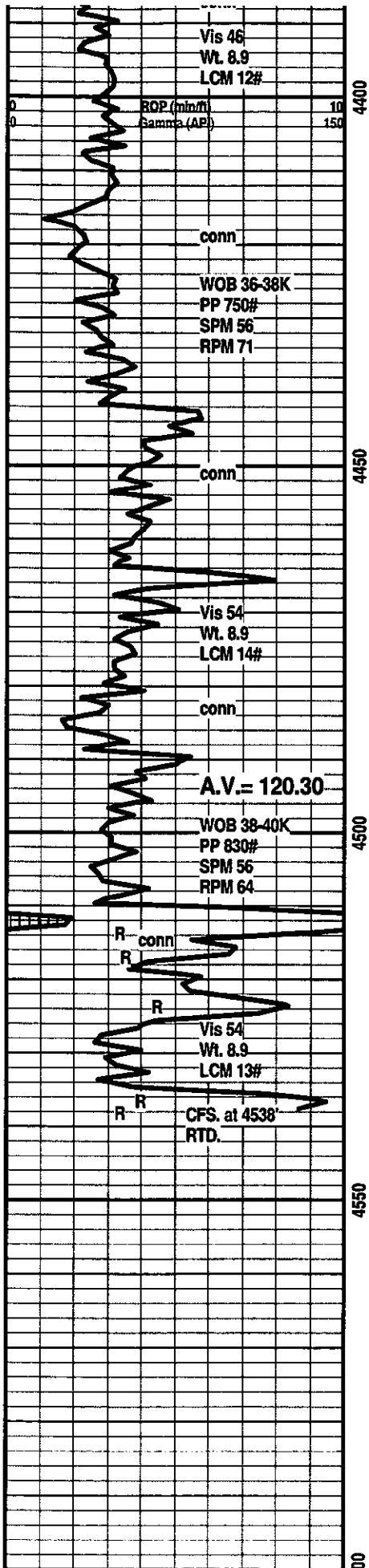
DOL; wh, off wh, lt gy, med to cse rhombic, v. gd interxdn and vug por, med yel fluor, sl. sulfur odor, no stn, ns.

DOL; off wh, wh, lt gy, med to csely rhombic, v. gd to exc. interxdn and vug por, minor chalky mtz, med yel min fluor, no stn or odor, ns.

DOL; wh, off wh, csely rhombic, exc. porosity, lrg pore throats, barren, med yel min fluor, ns.

DOL; wh, off wh, med to csely rhombic, exc. vug por, med yel min fluor, no stn or odor, Interbdd vf to f gr qtz in dolomite mtz, ns.





DOL; wh, med rhombic, very lmy w/interbdd dolo. lmsst, sandy w/scat med to cse clr rnd qtz gr in dolo and lmsst mtx, scat off wh to wh cht, dull yel min fluor, no stn, ns.

DOL and LM; wh, off wh, sandy, incr. amt of med gr qtz gr. embdd in carb. mtx, no clean sand, most well cem, scat fair interpart and vug por, ns.

LM; off wh, tan, dolomitic w/interbdd dolo, sandy, incr. amt of med gr rnd qtz in lmsst mtx, most dense, poor to no vis por, dull yel min fluor, ns.

LM; off wh, buff, sandy, some sucrosic dolo interbdd, v. hd, blocky, scat gm glau, rare small vug por, med yel min fluor, ns.

DOL; off wh, buff, sucrosic, v. hd, bands of qtzite/hd transl qtz, dense

REAGAN SAND 4464(-2462)
 SS; clr, wh, med to rarely cse gr, md to submd, clusters, dense - partly qtzitic, some fri gr, fair intergran por, no fluor, no stn or odor, partly dolomitic, scat dk gy occ pyr shales

SS; clr, qtz, fine to med gr, abnt loose gr, poorly sorted, some w/gd intergran por, md to submd gr, clean, no fluor, no stn or odor, no sample shows, interbdd hd qtzitic ss

SS; clr, wh, f gr w/occ med gr, dolomitic, occ loose gr - most clusters, occ gm tint(glau), fair intergran por, no fluor, no stn or odor, ns.

GRANITE WASH 4510(-2508)
 GRAN & CONGL; pink feldspar, cse qtz gr, scat gm weath. nodules, occ lrg qtz xtals, dense, some qtzite

WEATH. GRAN; pink feldspar, qtz, sandy ip. w/interbdd clr cse gr qtz, ns.

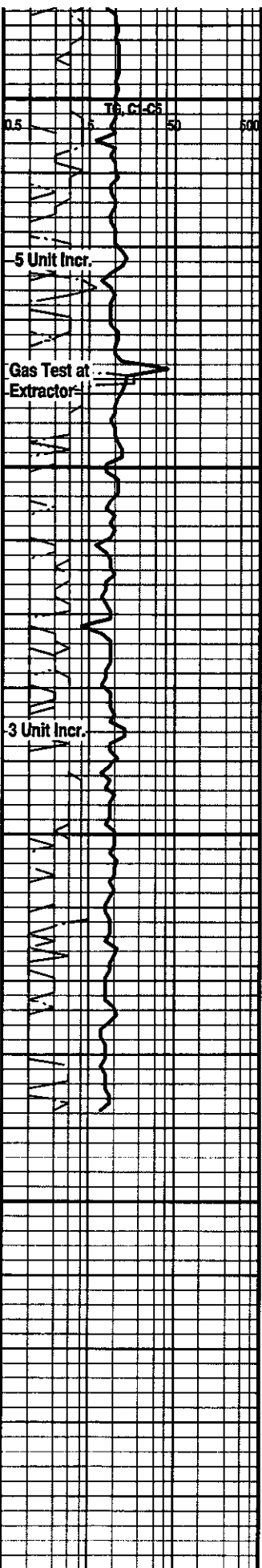
CONGL/GRAN; cse qtz gr, lrg opaque to transl. qtz xtals, weath gran w/embdd qtz gr, hd, no vis por, no fluor, no stn or odor, ns.

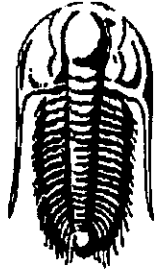
BIT TORQUED UP BADLY AT 4538'

RTD. 4538' at 5:15 AM. 10/17/12

LTD.

Halliburton DIL, NEU/DEN, Microlog





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Herman L. Loeb, LLC.**

P.O. Box 838
Lawrenceville, IL 62439

ATTN: Jon Christensen

Carr #2-34

34-21s.-16w. Pawnee Co.

Start Date: 2012.10.14 @ 06:34:30

End Date: 2012.10.14 @ 13:59:45

Job Ticket #: 49580 DST #: 1

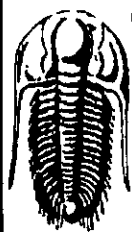
Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.10.17 @ 13:14:07

Herman L. Loeb, LLC. 34-21s.-16w. Pawnee Co. Carr #2-34 DST # 1 Lansing A-B 2012.10.14



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Herman L. Loeb, LLC.

34-21s.-16w. Pawnee Co.

P.O. Box 838
Lawrenceville, IL 62439

Carr #2-34

Job Ticket: 49580

DST#: 1

ATTN: Jon Christensen

Test Start: 2012.10.14 @ 06:34:30

Tool Information

Drill Pipe:	Length: 3282.00 ft	Diameter: 3.80 inches	Volume: 46.04 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 217.00 ft	Diameter: 2.25 inches	Volume: 1.07 bbl	Weight to Pull Loose: 67000.00 lb
			<u>Total Volume: 47.11 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	3508.00 ft			Final 63000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	36.00 ft			
Tool Length:	58.00 ft			
Number of Packers:	2	Diameter: 6.50 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3491.00	
Hydraulic tool	5.00			3496.00	
Safety Joint	2.00			3498.00	
Packer	5.00			3503.00	22.00 Bottom Of Top Packer
Packer	5.00			3508.00	
Stubb	1.00			3509.00	
Recorder	0.00	8790	Inside	3509.00	
Recorder	0.00	8792	Outside	3509.00	
Perforations	32.00			3541.00	
Bullnose	3.00			3544.00	36.00 Bottom Packers & Anchor
Total Tool Length:	58.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Herman L. Loeb, LLC.

34-21s.-16w. Pawnee Co.

P.O. Box 838
Lawrenceville, IL 62439

Carr #2-34

Job Ticket: 49580

DST#: 1

ATTN: Jon Christensen

Test Start: 2012.10.14 @ 06:34:30

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:

33000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbf

Water Loss: 9.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 12800.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
30.00	GOWCM 10%gas, 15%oil, 20%water, 55%m	0.148
50.00	SLIWCOM 10%water, 10%oil, 90%mud	0.246

Total Length: 80.00 ft

Total Volume: 0.394 bbf

Num Fluid Samples: 0

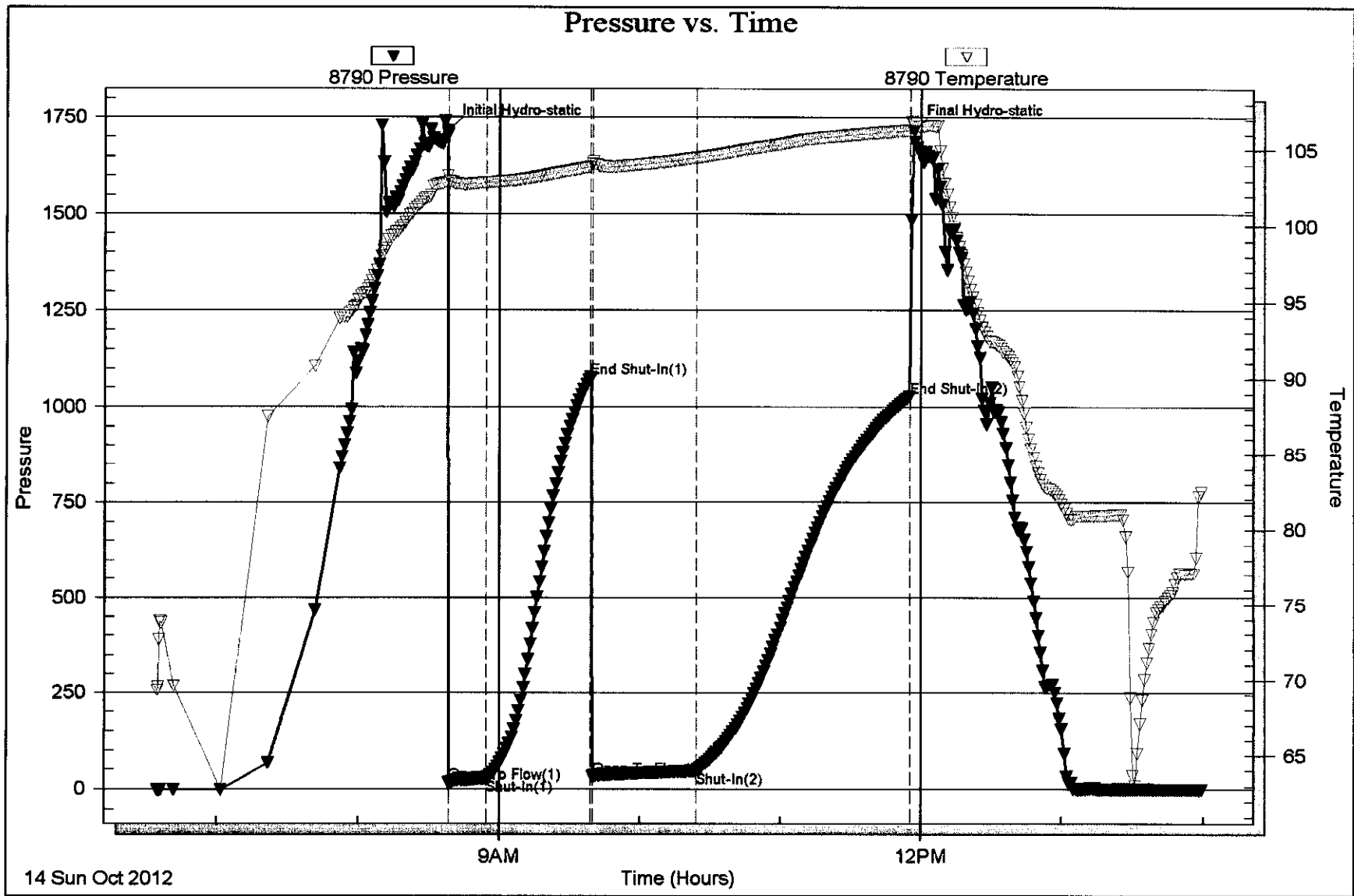
Num Gas Bombs: 0

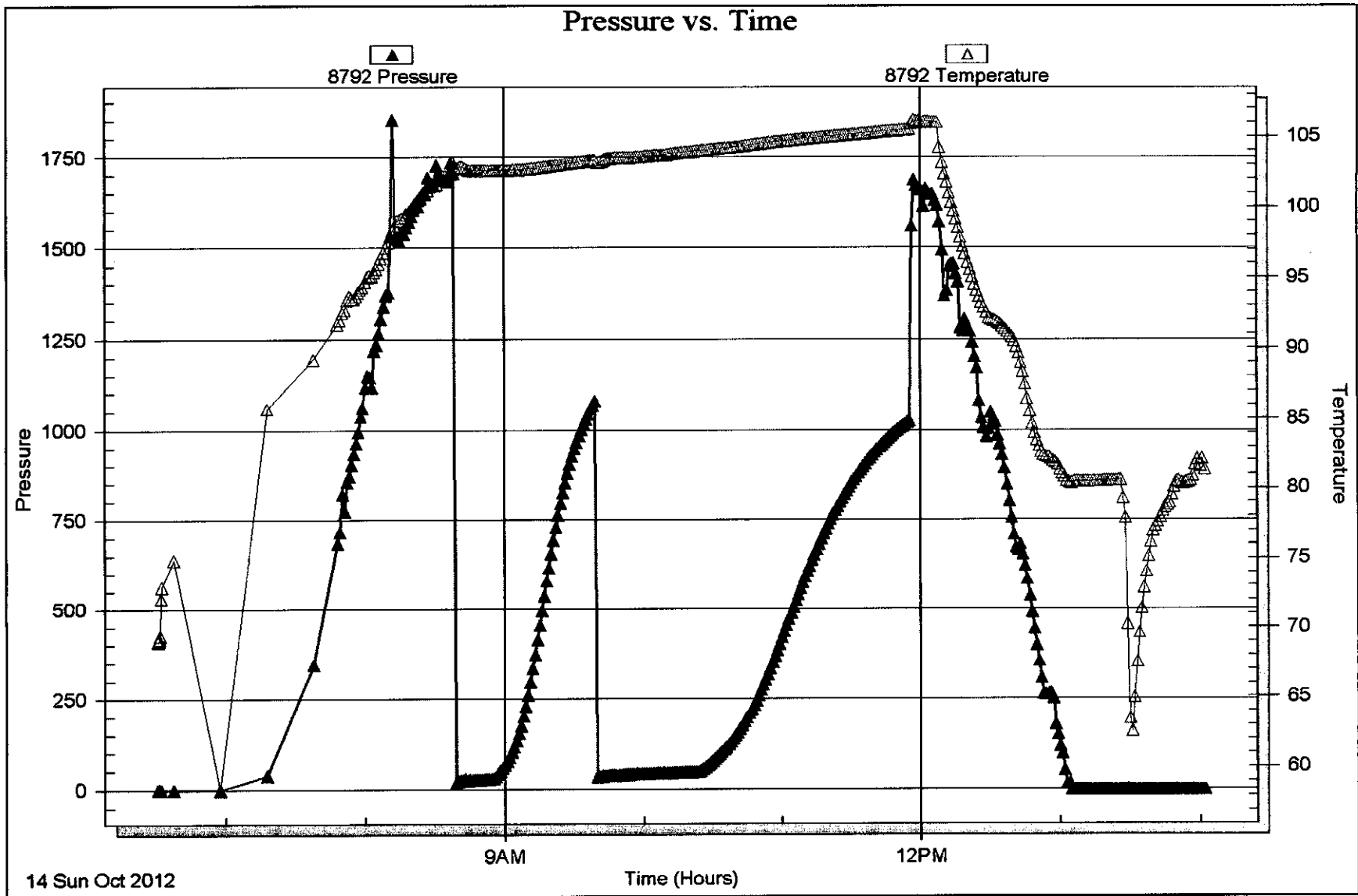
Serial #: none

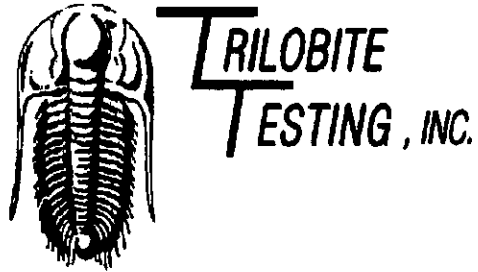
Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **Herman L. Loeb, LLC.**

P.O. Box 838
Lawrenceville, IL 62439

ATTN: Jon Christensen

Carr #2-34

34-21s.-16w. Pawnee Co.

Start Date: 2012.10.15 @ 14:15:32

End Date: 2012.10.15 @ 21:17:02

Job Ticket #: 49581 DST #: 2

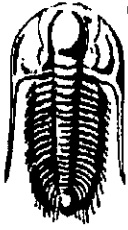
Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.10.17 @ 13:13:10

Herman L. Loeb, LLC. 34-21s.-16w. Pawnee Co. Carr #2-34 DST # 2 Arbuckle 2012.10.15



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Herman L. Loeb, LLC.

34-21s.-16w. Pawnee Co.

P.O. Box 838
Lawrenceville, IL 62439

Carr #2-34

Job Ticket: 49581

DST#: 2

ATTN: Jon Christensen

Test Start: 2012.10.15 @ 14:15:32

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 16:13:02

Time Test Ended: 21:17:02

Test Type: Conventional Bottom Hole (Reset)

Tester: Ryan Reynolds

Unit No: 48

Interval: **3772.00 ft (KB) To 3855.00 ft (KB) (TVD)**

Reference Elevations: 2002.00 ft (KB)

Total Depth: 3855.00 ft (KB) (TVD)

1991.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 8790

Inside

Press@RunDepth: 881.27 psig @ 3773.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.10.15

End Date:

2012.10.15

Last Calib.: 2012.10.15

Start Time: 14:15:37

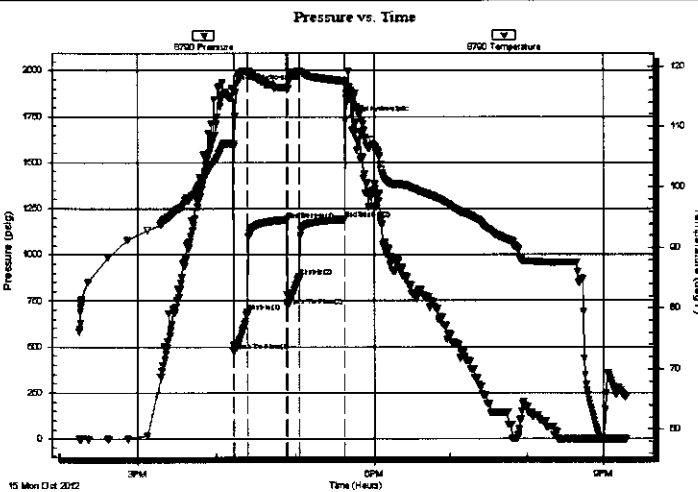
End Time:

21:17:01

Time On Btm: 2012.10.15 @ 16:12:17

Time Off Btm: 2012.10.15 @ 17:38:02

TEST COMMENT: IF: Strong blow . BOB 1 min. No GTS
IS: No blow
FF: Strong blow BOB 2 min. No GTS
FS: Good blow . 7" into bucket



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1903.18	107.16	Initial Hydro-static
1	475.81	106.79	Open To Flow (1)
12	691.78	119.17	Shut-In(1)
42	1189.60	116.39	End Shut-In(1)
42	724.02	116.19	Open To Flow (2)
51	881.27	119.05	Shut-In(2)
86	1192.00	117.48	End Shut-In(2)
86	1733.45	117.19	Final Hydro-static

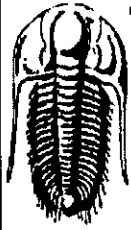
Recovery

Length (ft)	Description	Volume (bbl)
420.00	GMW 5%gas, 5%mud, 90%mud	3.91
770.00	GOMCW 5%gas, 20%mud, 20%oil, 55%w tr	10.80
490.00	GWOCM 10%gas, 25%w tr, 25%oil, 40%r	6.87

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

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

34-21s.-16w. Pawnee Co.
Carr #2-34
Job Ticket: 49581 **DST#: 2**
Test Start: 2012.10.15 @ 14:15:32

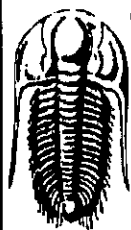
Tool Information

Drill Pipe:	Length: 3537.00 ft	Diameter: 3.80 inches	Volume: 49.61 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 217.00 ft	Diameter: 2.25 inches	Volume: 1.07 bbl	Weight to Pull Loose: 82000.00 lb
			<u>Total Volume: 50.68 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 67000.00 lb
Depth to Top Packer:	3772.00 ft			Final 73000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	83.00 ft			
Tool Length:	105.00 ft			
Number of Packers:	2	Diameter: 6.50 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3755.00	
Hydraulic tool	5.00			3760.00	
Safety Joint	2.00			3762.00	
Packer	5.00			3767.00	22.00 Bottom Of Top Packer
Packer	5.00			3772.00	
Stubb	1.00			3773.00	
Recorder	0.00	8790	Inside	3773.00	
Recorder	0.00	8792	Outside	3773.00	
Perforations	2.00			3775.00	
Blank Spacing	66.00			3841.00	
Perforations	11.00			3852.00	
Bullnose	3.00			3855.00	83.00 Bottom Packers & Anchor

Total Tool Length: 105.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Herman L. Loeb, LLC.

34-21s.-16w. Pawnee Co.

P.O. Box 838
Lawrenceville, IL 62439

Carr #2-34

Job Ticket: 49581

DST#: 2

ATTN: Jon Christensen

Test Start: 2012.10.15 @ 14:15:32

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:

37000 ppm

Viscosity: 73.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6500.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
420.00	GMW 5%gas, 5%mud, 90%mud	3.915
770.00	GOMCW 5%gas, 20%mud, 20%oil, 55%w tr	10.801
490.00	GWOCM 10%gas, 25%w tr, 25%oil, 40%mud	6.873

Total Length: 1680.00 ft Total Volume: 21.589 bbf

Num Fluid Samples: 0

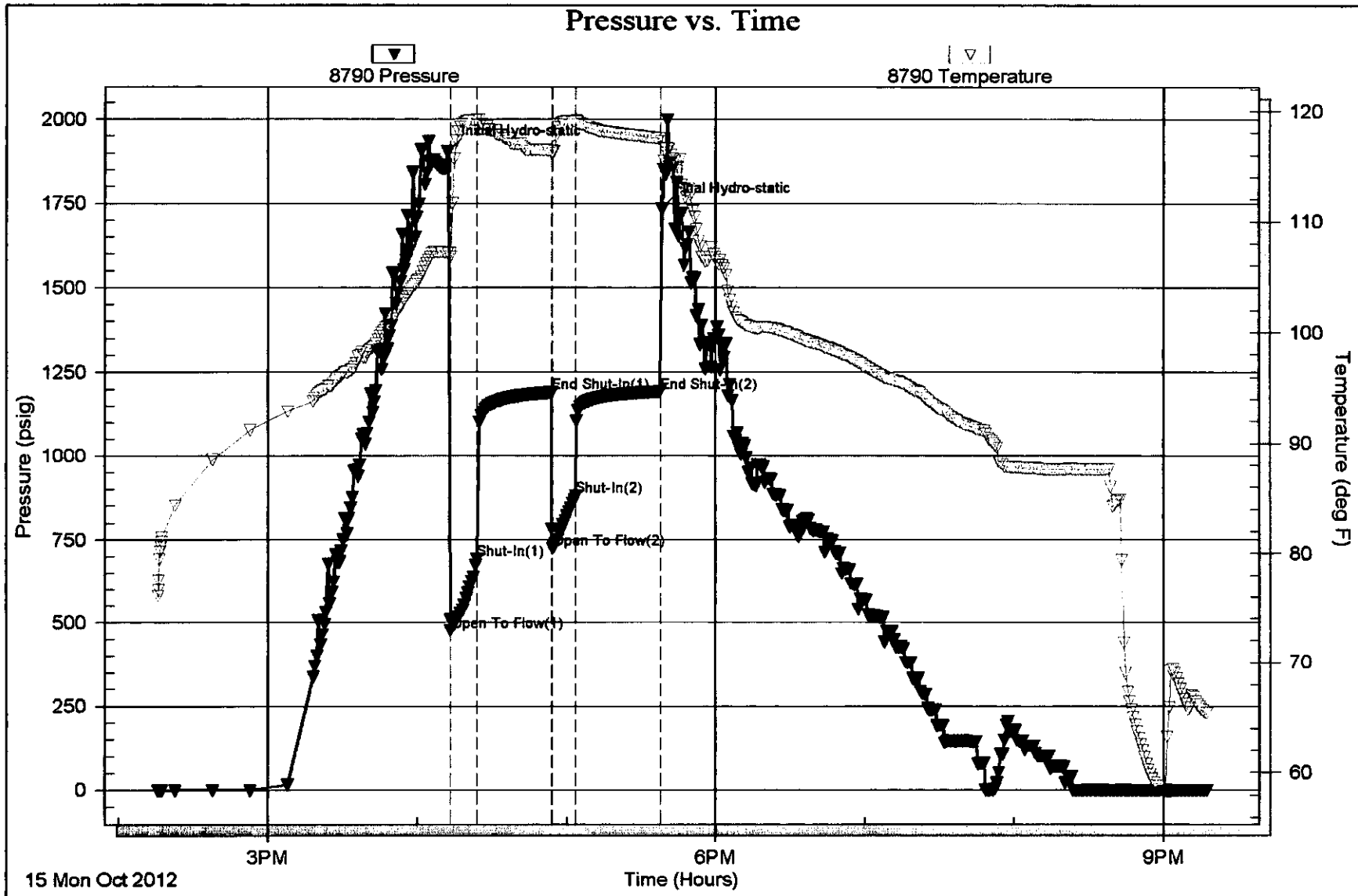
Num Gas Bombs: 0

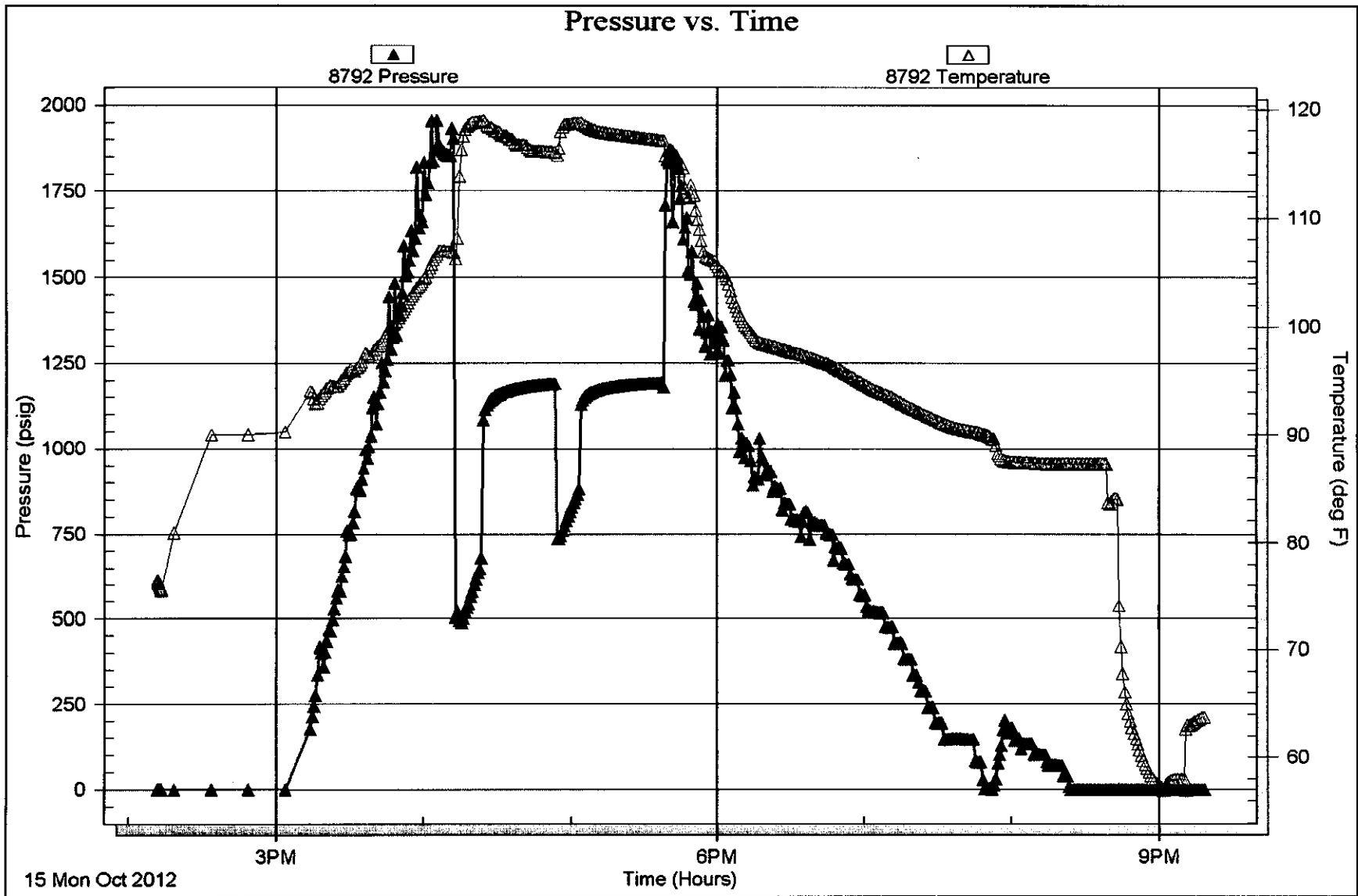
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:







TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 49580

Well Name & No. Carr #2-34 Test No. 1 Date 10-14-12
 Company Herman L. Loeb, LLC Elevation 2002 KB 1991 GL
 Address P.O. Box 838 Lawrenceville, IL 62439
 Co. Rep / Geo. Jon Christensen Rig Sterling #2
 Location: Sec. 34 Twp. 21s Rge. 16w Co. Pawnee State KS

Interval Tested 3508-3544 Zone Tested Lansing "A-B"
 Anchor Length 36' Drill Pipe Run 3282 Mud Wt. 8.7
 Top Packer Depth 3503 Drill Collars Run 217 Vis 48
 Bottom Packer Depth 3508 Wt. Pipe Run Ø WL 10.0
 Total Depth 3544 Chlorides 12,800 ppm System LCM Trc.
 Blow Description IF: Fair blows 1/2" - 3 1/2" EST: No blow

FF: Good blow 1/2" - 7"

EST: No blow

Rec	Feet of	%gas	%oil	%water	%mud
200	GIP	100			
50	SLI W LOM		10	Trc	90
30	GO WCM	10	15	20	55
		%gas	%oil	%water	%mud
		%gas	%oil	%water	%mud

Rec Total 280 BHT 107 Gravity N/C API RW 14 @ 93.5°F Chlorides 33000 ppm
 (A) Initial Hydrostatic 1714 Test 1150 T-On Location 0525
 (B) First Initial Flow 15 Jars T-Started 0634
 (C) First Final Flow 27 Safety Joint 75 T-Open 0838
 (D) Initial Shut-In 1077 Circ Sub T-Pulled 1155
 (E) Second Initial Flow 31 Hourly Standby T-Out 1400
 (F) Second Final Flow 46 Mileage 120 186 Comments _____
 (G) Final Shut-In 1028 Sampler _____
 (H) Final Hydrostatic 1714 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1411 MP/DST Disc't _____

Initial Open 15
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 90

Approved By [Signature] Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 49581

Well Name & No. Carr #2-34 Test No. 2 Date 10-15-12
 Company Herman L. Loeb, LLC. Elevation 2002 KB 1991 GL
 Address P.O. Box 838 Lawrenceville, IL 62439
 Co. Rep / Geo. Jon Christensen Rig Sterling #2
 Location: Sec. 34 Twp. 21s. Rge. 16w. Co. Pawnee State KS

Interval Tested 3772-3855 Zone Tested Arbuckle
 Anchor Length 83' Drill Pipe Run 3537 Mud Wt. 9.3
 Top Packer Depth 3767 Drill Collars Run 217 Vis 73
 Bottom Packer Depth 3772 Wt. Pipe Run Ø WL 8.8
 Total Depth 3855 Chlorides 6500 ppm System LCM 1#

Blow Description IF: Strong blow. BOB 1 min. IST: No blow

FF: Strong blow. BOB 2 min. No GTS

EST-Good blow. 7"

Rec	Feet of	%gas	%oil	%water	%mud
<u>370</u>	<u>GIP</u>	<u>100</u>			
<u>490</u>	<u>BWOCM</u>	<u>10</u>	<u>25</u>	<u>25</u>	<u>40</u>
<u>770</u>	<u>GOMCW</u>	<u>5</u>	<u>20</u>	<u>55</u>	<u>20</u>
<u>420</u>	<u>GMW</u>	<u>5</u>		<u>90</u>	<u>5</u>

Rec Total 2050 BHT 117 Gravity N/C API RW 19 @ 73 °F Chlorides 37000 ppm

(A) Initial Hydrostatic 1903 Test 1150 T-On Location 1315
 (B) First Initial Flow 476 Jars T-Started 1416
 (C) First Final Flow 692 Safety Joint 75 T-Open 1613
 (D) Initial Shut-In 1190 Circ Sub T-Pulled 1735
 (E) Second Initial Flow 724 Hourly Standby T-Out 2117
 (F) Second Final Flow 881 Mileage 120 186
 (G) Final Shut-In 1192 Sampler
 (H) Final Hydrostatic 1733 Straddle Ruined Shale Packer
 Shale Packer Ruined Packer

Initial Open 10 Extra Packer Extra Copies
 Initial Shut-In 30 Extra Recorder Sub Total 0
 Final Flow 10 Day Standby Total 1411
 Final Shut-In 30 Accessibility MP/DST Disc't
 Sub Total 1411

Approved By [Signature] Our Representative Ryan Reynolds
 Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



376
711 CALLER
6438

PAGE 1 of 1	CUST NO 1007589	INVOICE DATE 10/11/2012
INVOICE NUMBER 1718 - 91023793		

Pratt (620) 672-1201
 HERMAN L LOEB LLC
 PO Box: 838
 LAWRENCEVILLE
 TN, US 62439
 ATTN: ACCOUNTS PAYABLE

J LEASE NAME CARR 2-34
 O LOCATION
 B COUNTY Pawnee
 S STATE RS
 T JOB DESCRIPTION Cement New Well Casing/Pl
 B JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE	
40521635	27463		Net - 30 days	11/10/2012	
<i>For Service Dates: 10/10/2012 to 10/10/2012</i>					
0040521635					
171807302A Cement New Well Casing/Pl 10/10/2012 Cement 8 5/8" Surface					
A-Con Blend Common		200.00	EA	13.50	2,700.00 T
Common Cement		200.00	EA	12.00	2,400.00 T
Cellulose		100.00	EA	2.75	277.50 T
Calcium Chloride		940.00	EA	0.79	740.25 T
Sugar		50.00	EA	1.50	75.00 T
Top Rubber Crnt Plug. 8 5/8"		1.00	EA	168.75	168.75
8 5/8" Guide Shoe (Red)		1.00	EA	412.50	412.50
Flapper Type Ins Float Valve 8 5/8" (Blue)		1.00	EA	210.00	210.00
Unit Mileage Chg (PU, cars one way)		55.00	MI	3.19	175.31
Heavy Equipment Mileage		110.00	MI	5.25	577.50
*Proppant & Bulk Dnt. Chge., per ton mil		1,034.00	EA	1.20	1,240.80
Depth Charge: 501'-1000'		1.00	EA	900.00	900.00
Blending & Mixing Service Charge		400.00	BAG	1.00	420.00
Plug Container Util. Chg.		1.00	EA	187.50	187.50
*Service Supervisor, first 8 hrs on loc.		1.00	EA	131.25	131.25

PAID
34328
OCT 25 2012
SCANNED

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	10,616.36
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	514.00
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	11,130.36
DALLAS, TX 75284-1903	MIDLAND, TX 79702		



BASIC
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET
1718 07302 A

DATE _____ TICKET NO. _____

DATE OF JOB: 10-10-12 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: Carr		WELL NO: 23				
ADDRESS:		COUNTY: Pawnee		STATE: KS				
CITY: _____ STATE: _____		SERVICE CREW: Orlando, McBrum, Lawrence						
AUTHORIZED BY:		JOB TYPE: C New - 8 5/8 Sucker						
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	ARRIVE TIME
27385	1						10-10-12	9:30
27463	1							10:30
19826-17860	1							4:3
								5:3
								6:01
								MILES FROM STATION TO WELL: 55

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
CP101	A-Con Portland Cement	SK	200		3600
CP106	Common Cement	SK	200		3200
CC102	Cellulose	lb	100		3700
CC105	Calcium Chloride	LB	940		9870
CF105	TRP Rubber Cement plus 8 5/8"	ea	1		2250
CF203	Good Shoe (Red) 8 5/8"	ea	1		5500
CF1453	Flapper Type Inlet Seat Valve 8 5/8" (100)	ea	1		2800
CC131	Sugar	lb	50		1000
E100	Pickup Mileage	mi	55		2337
E101	Heavy Equipment Mileage	mi	110		7700
E115	Bulk Delivery	TN	1034		16544
CE201	Depth Charge 501-1000	ea	1		12000
CE240	Blending Machine	SK	100		5600
CE504	Plus Cement	ea	1		2500
SD03	Service Supply of	ea	1		1750

SUB TOTAL

DL5 10,616.3

CHEMICAL / ACID DATA:		

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

SERVICE REPRESENTATIVE: Steve Orlando THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: _____

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. _____



6076
771 CARE34
6438

PAGE 1 of 1	CUST NO 1007589	INVOICE DATE 10/19/2012
INVOICE NUMBER 1718 - 91029658		

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

J LEASE NAME Carr 2-34
 O LOCATION
 B COUNTY Pawnee
 S STATE KS
 T JOB DESCRIPTION Cement-New Well Casing/Pi
 E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE	
40521980	20920		Net - 30 days	11/18/2012	
For Service Dates: 10/18/2012 to 10/18/2012					
0040524980					
171807263A Cement-New Well Casing/Pi 10/18/2012 Cement 5 1/2" Longstring					
		QTY	U of M	UNIT PRICE	INVOICE AMOUNT
50/50 POZ		300.00	EA	8.25	2,475.00 T
Collolake		75.00	EA	2.78	208.13 T
Gypsum		1,260.00	EA	0.07	708.75 T
FIA 327		126.00	EA	5.82	708.75 T
Gilsonite		1,800.00	EA	0.50	904.50 T
Mud Flush		1,000.00	EA	0.65	645.00 T
KCL Potassium Chloride		680.00	EA	1.13	785.00 T
"Latch Down Plug & Nipple, 5 1/2" (Blue)		1.00	EA	300.00	300.00
"Cmt. Shoe Packer Type, 5 1/2" (Red)"		1.00	EA	2,775.00	2,775.00
"TurboLiner, 5 1/2" (Blue)"		10.00	EA	82.50	825.00
"5 1/2" Basket (Blue)"		3.00	EA	217.50	652.50
"Unit Mileage Chg (PU, cars one way)"		55.00	MI	3.19	175.31
Heavy Equipment Mileage		110.00	MI	5.25	577.50
"Proppant & Bulk Del. Chgs., per ton mil		853.00	EA	1.20	831.60
Depth Charge; 4001' 5000'		1.00	EA	1,890.00	1,890.00
Blending & Mixing Service Charge		300.00	DAG	1.05	315.00
Plug Container Util. Chg.		1.00	EA	187.50	187.50
"Service Supervisor, first 8 hrs on loc.		1.00	LA	131.25	131.25

PAID
34515
NOV 02 2012
SCANNED

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	15,075.79
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	532.46
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	15,608.25
DALLAS, TX 75284-1903	MIDLAND, TX 79702		



BASIC
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET
1718 07263 A

DATE _____ TICKET NO. _____

DATE OF JOB 10-18-12 DISTRICT PRATT KS		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 LOEB		LEASE CARR 2-34 WELL NO.							
ADDRESS		COUNTY PAWNEE STATE KS							
CITY STATE		SERVICE CREW Callaway, Mohr, Phye							
AUTHORIZED BY		JOB TYPE: CN4 5" LS							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
3378-20970	45						10-17-12		9:00
700-30-19918	45					ARRIVED AT JOB			12:00
3790						START OPERATION	10-18-12		4:00
						FINISH OPERATION			4:45
						RELEASED			5:30
						MILES FROM STATION TO WELL			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, material 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
CP 104	5/8" x 20' coil	SK	750		2,250.00
CP 104	5/8" x 20' coil	SK	50		500.00
CC 107	Collaterals	lb	75		227.50
CC 113	7/16" x 20'	lb	1260		945.00
CC 179	3/4" 572	lb	126		945.00
CC 201	9/16" x 20'	lb	1800		1,300.00
C 700	HCL	lb	680		1,020.00
CF 607	LATCH DOWN PLUG BUSH 5/2	SA	1		400.00
CF 1001	COIT PACK CASE	SA	1		2,700.00
PE 1651	Turbine	SA	1		1,100.00
PE 1501	BASKETS	SA	3		970.00
CC 151	MUD FLUSH	gal	1000		900.00
C 100	2" x 1/2" x 1/2"	wt	55		233.75
E 101	Hard coat wire	wt	110		770.00
E 113	Bulk Delivery	wt	692		1,126.00
CE 205	Depth change 4000-5000'	SA	1		2,520.00
CE 240	3/4" x 1/2" x 1/2"	SA	300		420.00
PE 504	Plug Cement - 10' x 10'	SA	1		250.00
S002	Service Supervision	SA	1		175.00

SUB TOTAL **DLS 15,075.2**

CHEMICAL / ACID DATA:			

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

Thank you

SERVICE REPRESENTATIVE Robert Callaway	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Signature] (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
---	---

FIELD SERVICE (ORDER NO.)

BASIC

energy services, L.P.

TREATMENT REPORT

Customer <u>HERMAN LOEB</u>		Lease No.		Date	
Lease <u>CARR</u>		Well # <u>2-34</u>		<u>10-15-12</u>	
Field Order # <u>2263</u>	Station <u>PRATT KS</u>	Casing <u>5 1/2</u>	Depth <u>7018</u>	County <u>PAWNEE</u>	State <u>KS</u>
Type Job <u>CNW 5 1/2 LOSTON</u>			Formation	Legal Description <u>34-21-16</u>	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/ft		Acid	RATE	PRESS	ISIP
<u>5 1/2</u>							
Depth	Depth	From	To	Pre Pad	Max		5 Min.
<u>7018</u>							
Volume	Volume	From	To	Pad	Min		10 Min.
<u>745</u>							
Max Press	Max Press	From	To	Frac	Avg		15 Min.
<u>2000</u>							
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
<u>P.C.</u>							
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load
<u>3974'</u>							

Customer Representative _____ Station Manager DAVE SCOTT Treater Rob-At

Service Units	<u>37400</u>	<u>33205</u>	<u>29920</u>	<u>70959</u>	<u>19918</u>				
Driver Names	<u>Sullivan</u>	<u>Nichols</u>		<u>Phye</u>					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<u>12:00 AM</u>					<u>can be soft water</u>
					<u>Run 94 STS 5 1/2 1000'</u>
					<u>Packer shoe 1" cut 1 1/2 2 1/2 3 1/2 4 1/2</u>
					<u>PAK 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50</u>
<u>24-</u>					<u>CASING ON PATTING</u>
<u>2:30</u>					<u>Hook up to pack case</u>
<u>2:5-</u>					<u>Shot down DROP BACK</u>
<u>3:12</u>	<u>950</u>				<u>OPEN PACKER SHOE AND CASE</u>
<u>4:0-</u>	<u>400</u>		<u>24</u>	<u>3</u>	<u>PUMP AND FLUSH</u>
			<u>5</u>		<u>SPACER</u>
			<u>12</u>	<u>5</u>	<u>2 1/2 3 1/2 4 1/2 5 1/2 6 1/2 7 1/2 8 1/2 9 1/2 10 1/2 11 1/2 12 1/2 13 1/2 14 1/2 15 1/2 16 1/2 17 1/2 18 1/2 19 1/2 20 1/2 21 1/2 22 1/2 23 1/2 24 1/2 25 1/2 26 1/2 27 1/2 28 1/2 29 1/2 30 1/2 31 1/2 32 1/2 33 1/2 34 1/2 35 1/2 36 1/2 37 1/2 38 1/2 39 1/2 40 1/2 41 1/2 42 1/2 43 1/2 44 1/2 45 1/2 46 1/2 47 1/2 48 1/2 49 1/2 50</u>
			<u>45</u>		<u>2 1/2 3 1/2 4 1/2 5 1/2 6 1/2 7 1/2 8 1/2 9 1/2 10 1/2 11 1/2 12 1/2 13 1/2 14 1/2 15 1/2 16 1/2 17 1/2 18 1/2 19 1/2 20 1/2 21 1/2 22 1/2 23 1/2 24 1/2 25 1/2 26 1/2 27 1/2 28 1/2 29 1/2 30 1/2 31 1/2 32 1/2 33 1/2 34 1/2 35 1/2 36 1/2 37 1/2 38 1/2 39 1/2 40 1/2 41 1/2 42 1/2 43 1/2 44 1/2 45 1/2 46 1/2 47 1/2 48 1/2 49 1/2 50</u>
					<u>cut inside shot down (with pump case)</u>
					<u>Release Plug</u>
	<u>200</u>			<u>6</u>	<u>At 12:00</u>
	<u>300</u>		<u>58</u>		<u>lift 15'</u>
	<u>550</u>			<u>4</u>	<u>slow rate</u>
<u>4:45</u>	<u>1800</u>		<u>94</u>		<u>Plug down 94' (1000' H2O 500'</u>
			<u>13</u>		<u>Plug R.H. w/ 300' 2200' cut 2000'</u>
					<u>SAR (see note)</u>
					<u>Thank you</u>