



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1202338
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

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

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

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

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

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

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

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

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

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

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

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

County: _____ Permit #: _____

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

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

1202338

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

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

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

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

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
--	---

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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

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

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

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

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
---	--

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

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Coffeyville Resources Refining Page 1
 Division of Interest - Statement of Lease Ownership (OGP3210)

Property # Property name Operator
 301340 Sauvage Enterprise Inc

County State Product
 Decatur Kansas All

Division order # Effective date
 10958 04/01/14

=====

Coffeyville Resources Refining ASSUMES NO RESPONSIBILITY FOR ACCURACY OR
 CORRECTNESS OF THE INFORMATION HEREIN SET OUT.

=====

Owner number	Owner name and address	Int Pay typ code	Decimal interest	Inflated interest
108899	Gregory B weilert and Linda B weilert JT 2916 Barclay Dr Hays, KS 67601-2021	WI M	0.02562500	
28344	S & H Enterprise LLC 2708 Barclay Dr Hays, KS 67601-2125	WI M	0.38437500	
18118	Donald D Riedel Living Trust dtd 5/13/10 Donald D Riedel, 26085 K Road WaKeeney, KS 67672	WI M	0.01281250	
31657	Mary Lawless and Erin Lawless JT 1939 Leiker Rd Hays, KS 67601	WI M	0.01281250	
31658	Kevin McDonald and Theresa McDonald JT 107 E 23rd St Hays, KS 67601	WI M	0.15375000	
31660	Jaime Mendez and Marla Mendez JT 1638 X Rd Plainville, KS 67663	WI M	0.05125000	
16558	Kenneth G Folsom and Judith Folsom, JT 2541 Chilson Ln Colorado Springs, CO 80904	WI M	0.02562500	
16560	MCW Investments, LLC 16361 Barton St Overland Park, KS 66062	WI M	0.02562500	

Coffeyville Resources Refining Page 2
 Division of Interest - Statement of Lease Ownership (OGP3210)

Property # Property name Operator
 301340 Sauvage Enterprise Inc

County State Product
 Decatur Kansas All

Division order # Effective date
 10958 04/01/14

=====

Coffeyville Resources Refining ASSUMES NO RESPONSIBILITY FOR ACCURACY OR
 CORRECTNESS OF THE INFORMATION HEREIN SET OUT.

=====

Owner number	Owner name and address	Int Pay typ code	Decimal interest	Inflated interest
103981	Robert & Donna Geist Rev Tst dtd 5/27/97 Robert J Geist & 7316 Village Meadow Dr Fountain, CO 80817	WI M	0.05125000	
31661	Ryan Downing 1503 Lakeview St Ellis, KS 67637	WI M	0.02562500	
31662	Michael Downing and Jane Downing JT 1503 Lakeview St Ellis, KS 67637	WI M	0.02562500	
31663	Brad Schumacher and Sarah Schumacher TC 2804 Country Ln PO Box 762 Hays, KS 67601	WI M	0.02562500	
102660	Enterprise Inc 2708 Barclay Dr Hays, KS 67601-2125	OR M	0.02500000	
31693	S & H Enterprise Inc 2708 Barclay Dr Hays, KS 67601-2125	OR M	0.03000000	
28343	Michael J Sauvage 117 S. Buffalo Oberlin, KS 67749	RI M	0.04166660	
28342	John M Sauvage Rt 2 Box 13 Oberlin, KS 67749	RI M	0.04166670	

Coffeyville Resources Refining Page 3
 Division of Interest - Statement of Lease Ownership (OGP3210)

Property # 301340	Property name Sauvage	Operator Enterprise Inc
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County Decatur	State Kansas	Product All
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Division order # 10958	Effective date 04/01/14
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=====

Coffeyville Resources Refining ASSUMES NO RESPONSIBILITY FOR ACCURACY OR
 CORRECTNESS OF THE INFORMATION HEREIN SET OUT.

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Owner number	Owner name and address	Int Pay typ code	Decimal interest	Inflated interest
28341	William W Sauvage Rt 2 Box 13 Oberlin, KS 67749	RI M	0.04166670	
				----- 1.00000000

SCHIPPER'S OIL FIELD SERVICES, L.L.C.

1155

REMIT TO 18048 170RD
RUSSELL, KS 67665

SERVICE POINT:
Russell KS - Home KS

DATE <i>1-16-13</i>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <i>Savage</i>	WELL #. <i>2-3</i>	LOCATION				COUNTY <i>Neosho KS</i>	STATE <i>KS</i>
OLD OR NEW (CIRCLE ONE)							

CONTRACTOR *White Knight*

TYPE OF JOB *Plug*

HOLE SIZE _____ T.D. _____

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS _____

DISPLACEMENT _____

OWNER _____

CEMENT AMOUNT ORDERED *25500 lbs*

COMMON @ _____

POZMIX @ _____

GEL @ _____

CHLORIDE @ _____

ASC @ _____

HANDLING @ _____

MILEAGE @ _____

EQUIPMENT

PUMP TRUCK CEMENTER *Cody*

P1 HELPER *Orly*

BULK TRUCK DRIVER *Mark / A. Eric*

B1 DRIVER

REMARKS:

First Plug 2630 25500

Second Plug 1245 10000

Third Plug 310 40000

4th Plug 30500

CHARGE TO: *Enterprise Inc*

STREET _____

CITY _____ STATE _____ ZIP _____

Schippers Oil Field Services, L.L.C.,
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME _____

SIGNATURE *[Signature]*

TOTAL _____

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE @ _____

MILEAGE @ _____

MANIFOLD @ _____

TOTAL _____

PLUG & FLOAT EQUIPMENT

25500 lbs @ _____

TOTAL _____

SALES TAX (if Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

Global Cementing LLC dba SOS LLC

18048 I-70 Road
Russell, KS 67665

Invoice

Date	Invoice #
11/16/2013	1156

Bill To
ENTERPRISE INC 2708 BARCLAY DR HAYS,KS 67601

P.O. No.	Terms	Project
SAVAGE 2-3	Net 30	

Quantity	Description	Rate	Amount
123	COMMON	15.50	1,906.50
82	POZ	8.50	697.00
7	GEL	23.50	164.50
212	HANDLING	2.10	445.20
	BULK MILEAGE	644.48	644.48
1	TRI-PLEX PUMP CHARGE FOR ROTARY PLUG	1,200.00	1,200.00
76	PUMP TRUCK MILEAGE	6.50	494.00
76	PICKUP	2.50	190.00
1	8 5/8 WOOD PLUG	57.50	57.50
	DECATUR CO	7.30%	0.00

Thank you for your business.

Phone #	Fax #	E-mail
785-324-2658	785-445-3526	

Total \$5,799.18

Global Cementing LLC dba SOS LLC

18048 I-70 Road
Russell, KS 67665

Invoice

Date	Invoice #
11/17/2013	1150

Bill To
ENTERPRISE INC 2708 BARCLAY DR HAYS,KS 67601

P.O. No.	Terms	Project
SAVAGE 2-3	Net 30	

Quantity	Description	Rate	Amount
175	COMMON	15.50	2,712.50
6	CALCIUM	53.00	318.00
4	GEL	23.50	94.00
185	HANDLING	2.10	388.50
	BULK MILEAGE	562.40	562.40
1	TRI-PLEX PUMP CHARGE FOR SURFACE	1,050.00	1,050.00
76	PUMP TRUCK MILEAGE	6.50	494.00
76	PICKUP	2.50	190.00
	DECATUR CO	7.30%	0.00

Thank you for your business.

Phone #	Fax #	E-mail
785-324-2658	785-445-3526	

Total \$5,809.40



DRILL STEM TEST REPORT

Prepared For: **Enterprise, Inc.**

2708 Barclay Dr.
Hays, KS 67601

ATTN: Jerry Green

Sauvage #2-3

2-5s-30w Decatur,KS

Start Date: 2013.11.14 @ 12:12:00

End Date: 2013.11.14 @ 18:41:30

Job Ticket #: 55194 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.11.19 @ 11:41:34

Enterprise, Inc. 2-5s-30w Decatur,KS Sauvage #2-3 DST # 1 Toronto - LKC "A-B" 2013.11.14



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Enterprise, Inc.

2-5s-30w Decatur, KS

2708 Barclay Dr.
Hays, KS 67601

Sauvage #2-3

Job Ticket: 55194

DST#: 1

ATTN: Jerry Green

Test Start: 2013.11.14 @ 12:12:00

GENERAL INFORMATION:

Formation: **Toronto - LKC "A-B"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:07:50

Time Test Ended: 18:41:30

Test Type: Conventional Straddle (Initial)

Tester: Kevin Mack

Unit No: 66

Interval: 3900.00 ft (KB) To 3983.00 ft (KB) (TVD)

Reference Elevations: 2875.00 ft (KB)

Total Depth: 3983.00 ft (KB) (TVD)

2870.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8874

Inside

Press@RunDepth: 251.03 psig @ 3901.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.11.14

End Date:

2013.11.14

Last Calib.:

2013.11.14

Start Time: 12:13:00

End Time:

18:41:30

Time On Btm:

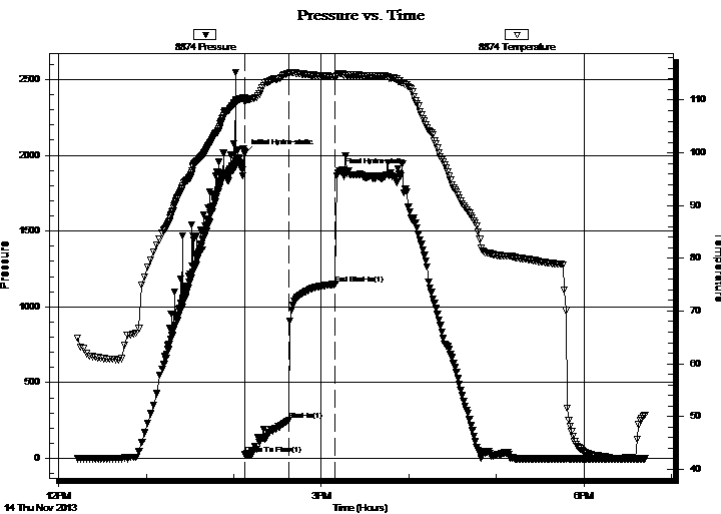
2013.11.14 @ 14:07:30

Time Off Btm:

2013.11.14 @ 15:11:30

TEST COMMENT: 30 - IF- 1/2" Blow built to 3/4" in 5 min. Then rushed to BOB in 10 min.

30 - ISI- No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2011.56	110.45	Initial Hydro-static
1	28.47	109.74	Open To Flow (1)
30	251.03	115.07	Shut-In(1)
62	1149.11	114.47	End Shut-In(1)
64	1883.39	114.83	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
126.00	MW 20M 80W	1.77
189.00	MW 30M 70W	2.65
146.00	WM 80M 20W	2.05
0.00	Show of oil spots in tool	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Enterprise, Inc.

2-5s-30w Decatur, KS

2708 Barclay Dr.
Hays, KS 67601

Sauvage #2-3

Job Ticket: 55194

DST#: 1

ATTN: Jerry Green

Test Start: 2013.11.14 @ 12:12:00

Tool Information

Drill Pipe:	Length: 3887.00 ft	Diameter: 3.80 inches	Volume: 54.52 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 130000.0 lb
			Total Volume: 54.52 bbl	Tool Chased ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3900.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	4201.00 ft			
Interval between Packers:	301.00 ft			
Tool Length:	329.00 ft			
Number of Packers:	2	Diameter:	6.75 inches	

Tool Comments: set off jars twice and pulled to 130,000 lbs. to come off bottom...
Rig is going in to re-condition hole for another straddle test.

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3873.00	
Shut In Tool	5.00			3878.00	
Hydraulic tool	5.00			3883.00	
Jars	5.00			3888.00	
Safety Joint	3.00			3891.00	
Packer	5.00			3896.00	28.00 Bottom Of Top Packer
Packer	4.00			3900.00	
Stubb	1.00			3901.00	
Recorder	0.00	8653	Outside	3901.00	
Recorder	0.00	8874	Inside	3901.00	
Stubb	1.00			3902.00	
Packer - Shale	0.00			3902.00	
Perforations	7.00			3909.00	
Change Over Sub	1.00			3910.00	
Drill Pipe	62.00			3972.00	
Change Over Sub	1.00			3973.00	
Perforations	6.00			3979.00	
Blank Off Sub	1.00			3980.00	
Packer - Shale	4.00			3984.00	
Stubb	1.00			3985.00	
Perforations	23.00			4008.00	
Change Over Sub	1.00			4009.00	
Recorder	0.00	8520	Below	4009.00	
Drill Pipe	186.00			4195.00	
Change Over Sub	1.00			4196.00	
Bullnose	5.00			4201.00	301.00 Bottom Packers & Anchor

Total Tool Length: 329.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Enterprise, Inc.

2-5s-30w Decatur, KS

2708 Barclay Dr.
Hays, KS 67601

Sauvage #2-3

Job Ticket: 55194

DST#: 1

ATTN: Jerry Green

Test Start: 2013.11.14 @ 12:12:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

50000 ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.59 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
126.00	MW 20M 80W	1.767
189.00	MW 30M 70W	2.651
146.00	WM 80M 20W	2.048
0.00	Show of oil spots in tool	0.000

Total Length: 461.00 ft

Total Volume: 6.466 bbl

Num Fluid Samples: 0

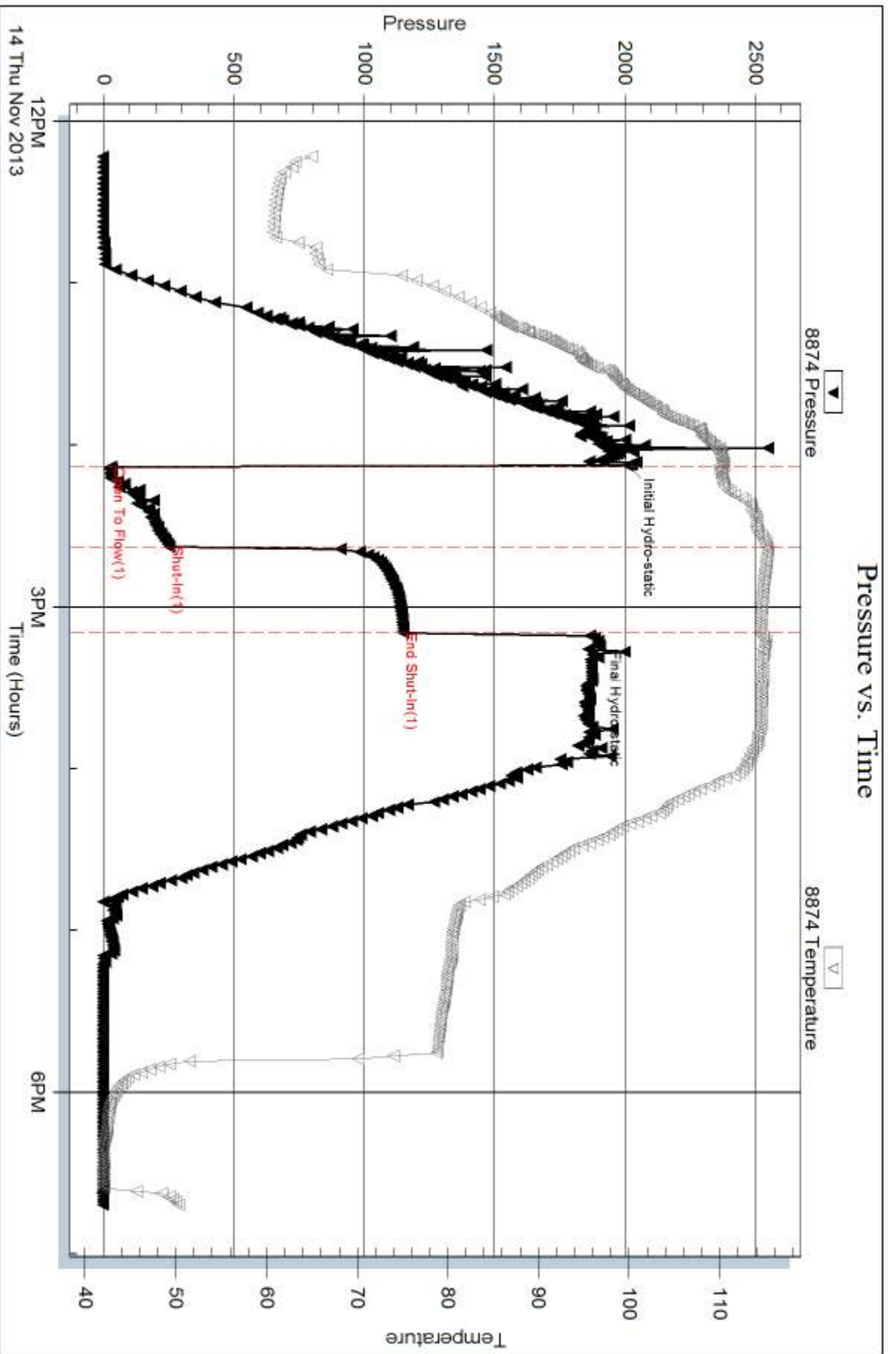
Num Gas Bombs: 0

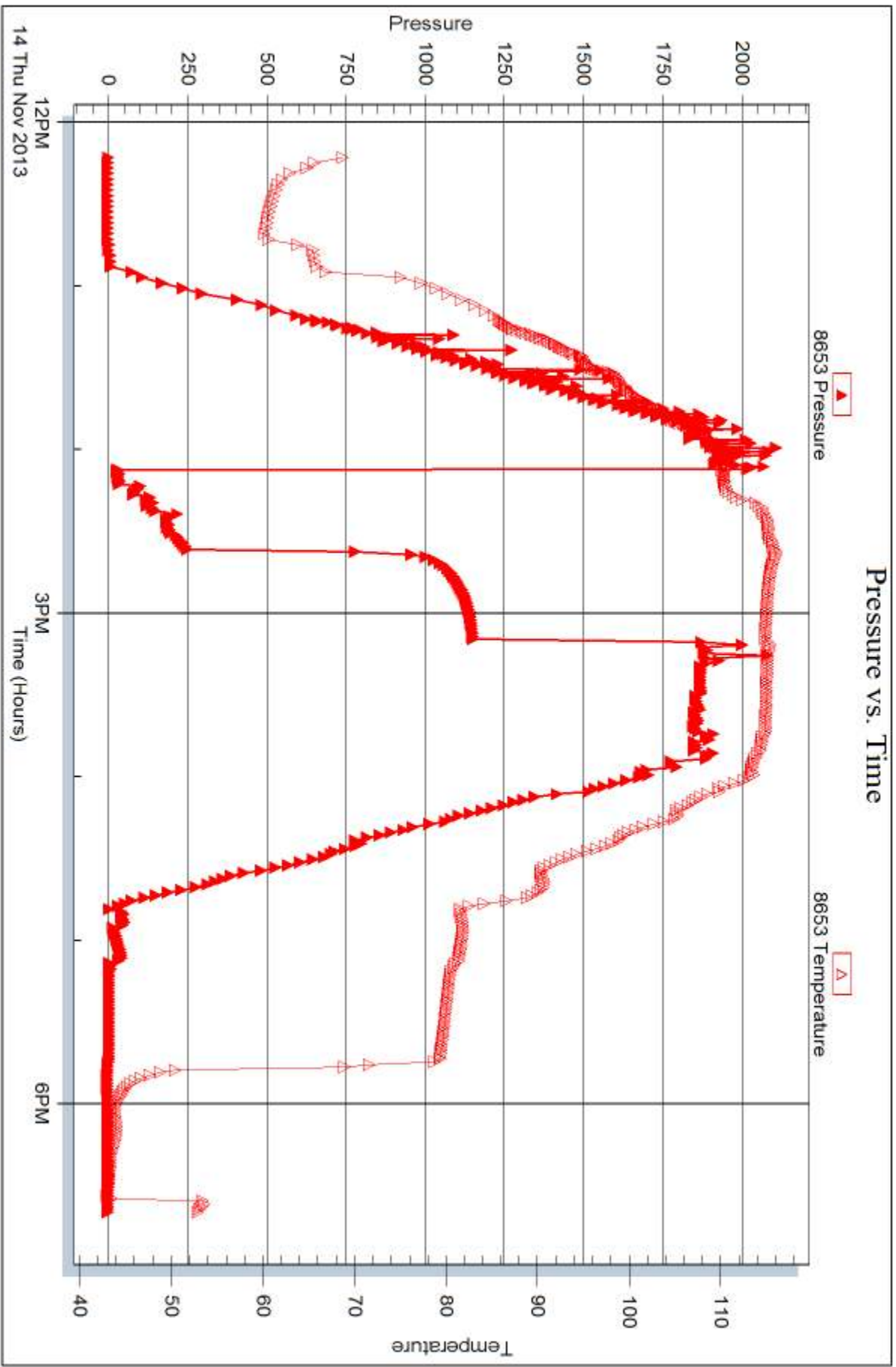
Serial #:

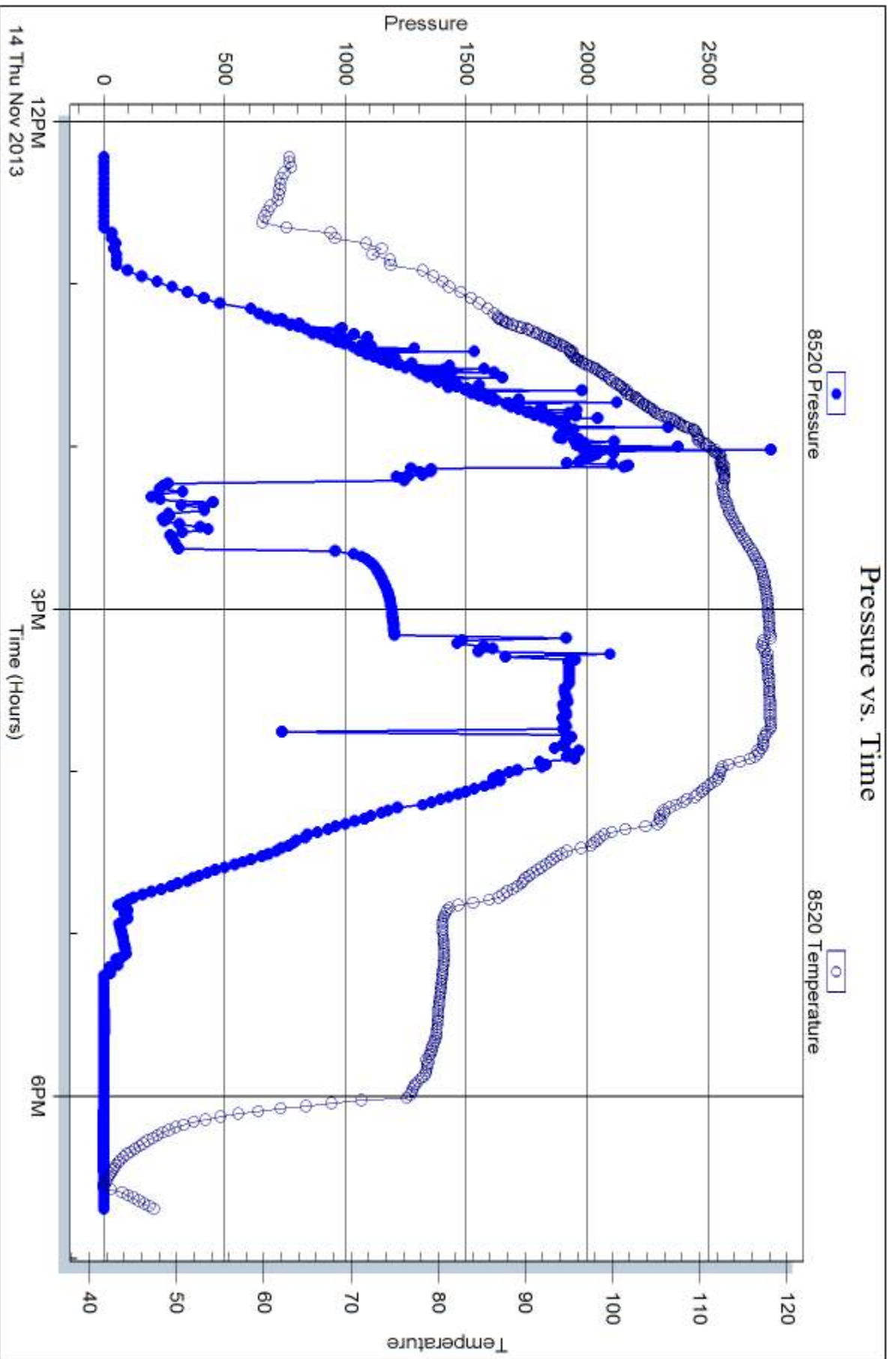
Laboratory Name:

Laboratory Location:

Recovery Comments: RW .19 @ 54 = 50,000ppm









DRILL STEM TEST REPORT

Prepared For: **Enterprise, Inc.**

2708 Barclay Dr.
Hays, KS 67601

ATTN: Jerry Green

Sauvage #2-3

2-5s-30w Decatur,KS

Start Date: 2013.11.14 @ 22:50:00

End Date: 2013.11.15 @ 08:46:30

Job Ticket #: 55195 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.11.19 @ 11:40:53



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Enterprise, Inc.

2-5s-30w Decatur, KS

2708 Barclay Dr.
Hays, KS 67601

Sauvage #2-3

Job Ticket: 55195

DST#: 2

ATTN: Jerry Green

Test Start: 2013.11.14 @ 22:50:00

GENERAL INFORMATION:

Formation: **Toronto - LKC "A,B,C**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:08:30

Time Test Ended: 08:46:30

Test Type: Conventional Straddle (Initial)

Tester: Kevin Mack

Unit No: 66

Interval: 3900.00 ft (KB) To 4024.00 ft (KB) (TVD)

Reference Elevations: 2875.00 ft (KB)

Total Depth: 4200.00 ft (KB) (TVD)

2870.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8874

Inside

Press@RunDepth: 530.08 psig @ 3901.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.11.14

End Date:

2013.11.15

Last Calib.:

2013.11.15

Start Time: 22:51:00

End Time:

08:46:30

Time On Btm:

2013.11.15 @ 03:07:00

Time Off Btm:

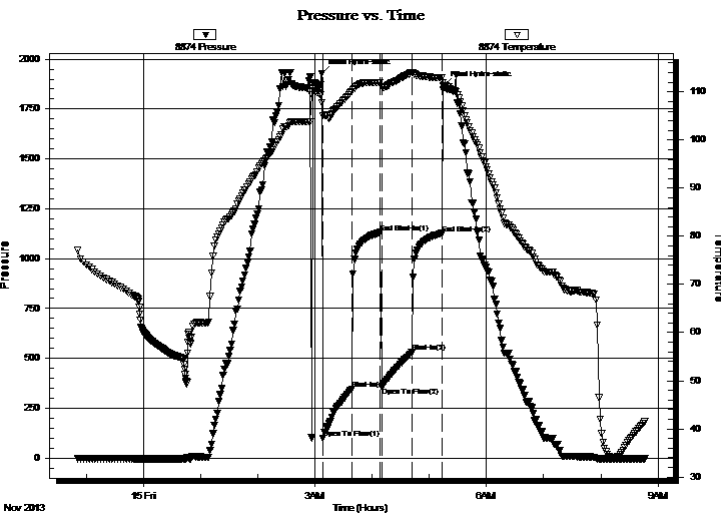
2013.11.15 @ 05:15:00

TEST COMMENT: 30 - IF- BOB in 3 1/2 min.

30 - IS- No Return

30 - FF- BoB in 5 min.

30 - FS- No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1929.03	107.81	Initial Hydro-static
2	100.37	105.10	Open To Flow (1)
32	347.70	110.04	Shut-In(1)
62	1131.40	111.89	End Shut-In(1)
63	355.76	111.09	Open To Flow (2)
95	530.08	114.01	Shut-In(2)
126	1126.59	112.93	End Shut-In(2)
128	1865.71	111.36	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
126.00	MW 20M 80W	1.77
315.00	MW 30M 70W	4.42
630.00	MW 50M 50W	8.84
262.00	WM 70M 30W	3.68

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Enterprise, Inc.

2-5s-30w Decatur, KS

2708 Barclay Dr.
Hays, KS 67601

Sauvage #2-3

Job Ticket: 55195

DST#: 2

ATTN: Jerry Green

Test Start: 2013.11.14 @ 22:50:00

GENERAL INFORMATION:

Formation: **Toronto - LKC "A,B,C**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:08:30

Time Test Ended: 08:46:30

Interval: **3900.00 ft (KB) To 4024.00 ft (KB) (TVD)**

Total Depth: 4200.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Straddle (Initial)

Tester: Kevin Mack

Unit No: 66

Reference Elevations: 2875.00 ft (KB)

2870.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: **8653** Outside

Press@RunDepth: psig @ 3901.00 ft (KB)

Start Date: 2013.11.14

End Date:

2013.11.15

Start Time: 22:51:00

End Time:

08:44:30

Capacity: 8000.00 psig

Last Calib.: 2013.11.15

Time On Btm:

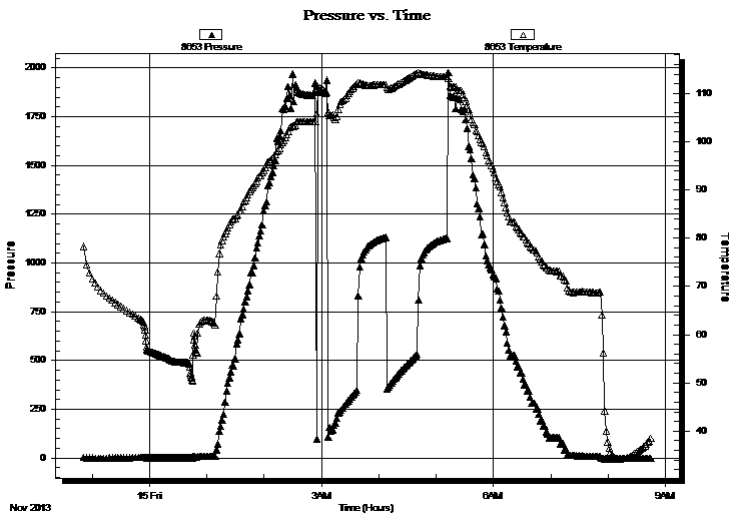
Time Off Btm:

TEST COMMENT: 30 - IF- BOB in 3 1/2 min.

30 - IS- No Return

30 - FF- BoB in 5 min.

30 - FS- No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
-------------	-----------------	--------------	------------

Recovery

Length (ft)	Description	Volume (bbl)
126.00	MW 20M 80W	1.77
315.00	MW 30M 70W	4.42
630.00	MW 50M 50W	8.84
262.00	WM 70M 30W	3.68

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Enterprise, Inc.

2-5s-30w Decatur,KS

2708 Barclay Dr.
Hays, KS 67601

Sauvage #2-3

Job Ticket: 55195

DST#: 2

ATTN: Jerry Green

Test Start: 2013.11.14 @ 22:50:00

GENERAL INFORMATION:

Formation: **Toronto - LKC "A,B,C**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:08:30

Time Test Ended: 08:46:30

Test Type: Conventional Straddle (Initial)

Tester: Kevin Mack

Unit No: 66

Interval: 3900.00 ft (KB) To 4024.00 ft (KB) (TVD)

Reference Elevations: 2875.00 ft (KB)

Total Depth: 4200.00 ft (KB) (TVD)

2870.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8520 Below (Straddle)

Press@RunDepth: psig @ 4039.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.11.14

End Date:

2013.11.15

Last Calib.:

2013.11.15

Start Time: 22:51:00

End Time:

08:43:30

Time On Btm:

Time Off Btm:

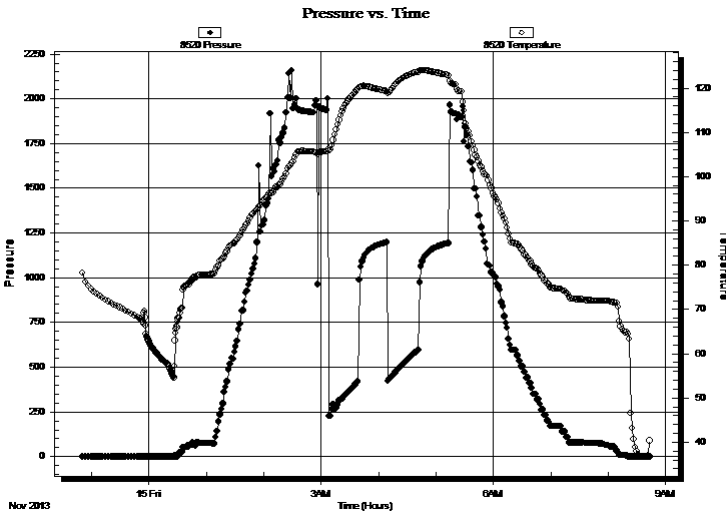
TEST COMMENT: 30 - IF- BOB in 3 1/2 min.

30 - IS- No Return

30 - FF- BoB in 5 min.

30 - FS- No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
126.00	MW 20M 80W	1.77
315.00	MW 30M 70W	4.42
630.00	MW 50M 50W	8.84
262.00	WM 70M 30W	3.68

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Enterprise, Inc.

2-5s-30w Decatur, KS

2708 Barclay Dr.
Hays, KS 67601

Sauvage #2-3

Job Ticket: 55195

DST#: 2

ATTN: Jerry Green

Test Start: 2013.11.14 @ 22:50:00

Tool Information

Drill Pipe:	Length: 3888.00 ft	Diameter: 3.80 inches	Volume: 54.54 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 54.54 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3900.00 ft			Final 55000.00 lb
Depth to Bottom Packer:	4200.00 ft			
Interval between Packers:	300.00 ft			
Tool Length:	328.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Change Over Sub	1.00			3873.00	
Shut In Tool	5.00			3878.00	
Hydraulic tool	5.00			3883.00	
Jars	5.00			3888.00	
Safety Joint	3.00			3891.00	
Packer	5.00			3896.00	28.00 Bottom Of Top Packer
Packer	4.00			3900.00	
Stubb	1.00			3901.00	
Packer - Shale	0.00			3901.00	
Recorder	0.00	8653	Outside	3901.00	
Recorder	0.00	8874	Inside	3901.00	
Perforations	17.00			3918.00	
Change Over Sub	1.00			3919.00	
Drill Pipe	93.00			4012.00	
Change Over Sub	1.00			4013.00	
Perforations	6.00			4019.00	
Blank Off Sub	1.00			4020.00	
Packer - Shale	4.00			4024.00	
Stubb	1.00			4025.00	
Perforations	13.00			4038.00	
Change Over Sub	1.00			4039.00	
Recorder	0.00	8520	Below	4039.00	
Drill Pipe	155.00			4194.00	
Change Over Sub	1.00			4195.00	
Bullnose	5.00			4200.00	300.00 Bottom Packers & Anchor

Total Tool Length: 328.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Enterprise, Inc.

2-5s-30w Decatur,KS

2708 Barclay Dr.
Hays, KS 67601

Sauvage #2-3

Job Ticket: 55195

DST#: 2

ATTN: Jerry Green

Test Start: 2013.11.14 @ 22:50:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

50000 ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.59 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
126.00	MW 20M 80W	1.767
315.00	MW 30M 70W	4.419
630.00	MW 50M 50W	8.837
262.00	WM 70M 30W	3.675

Total Length: 1333.00 ft Total Volume: 18.698 bbl

Num Fluid Samples: 0

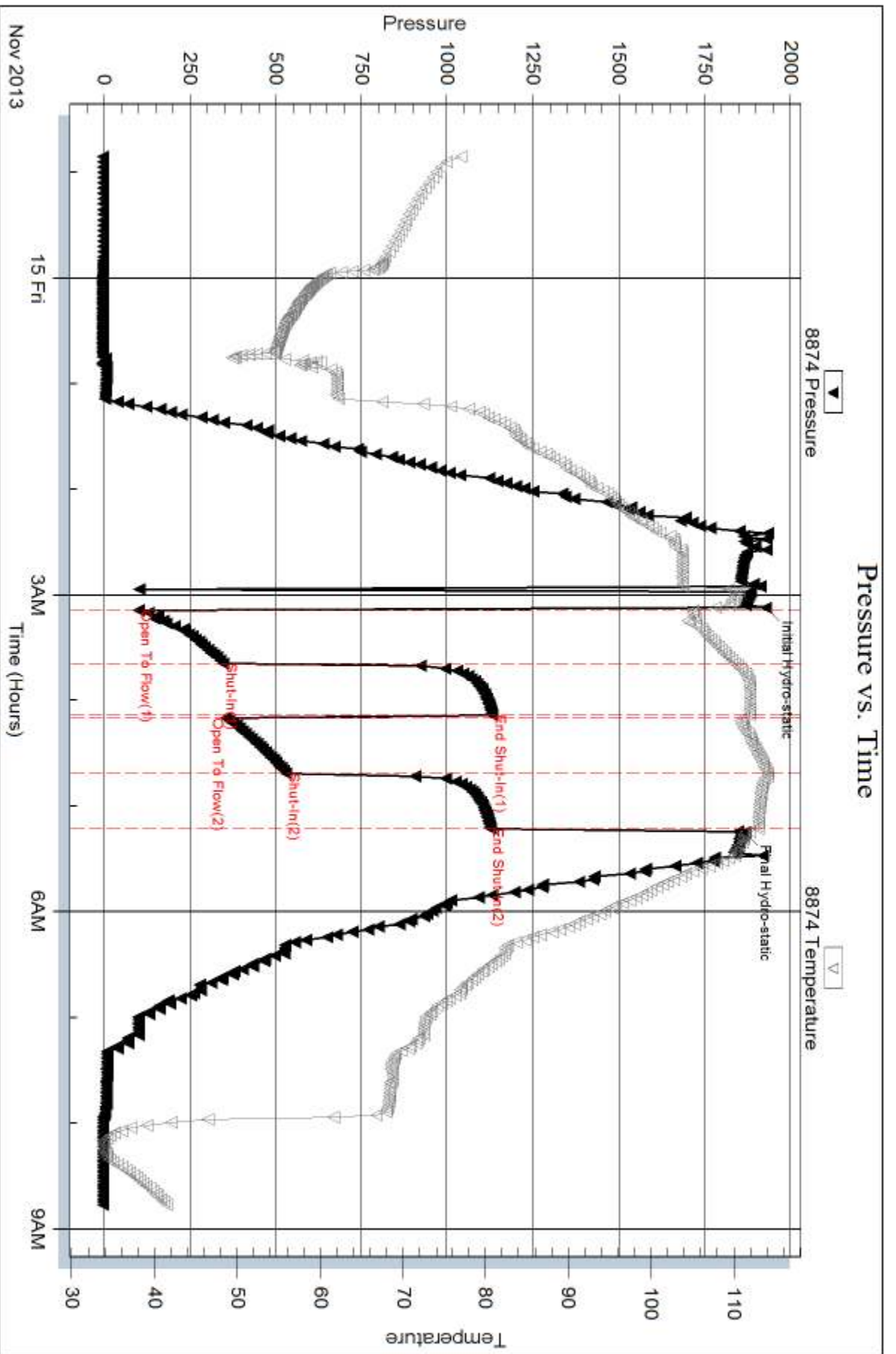
Num Gas Bombs: 0

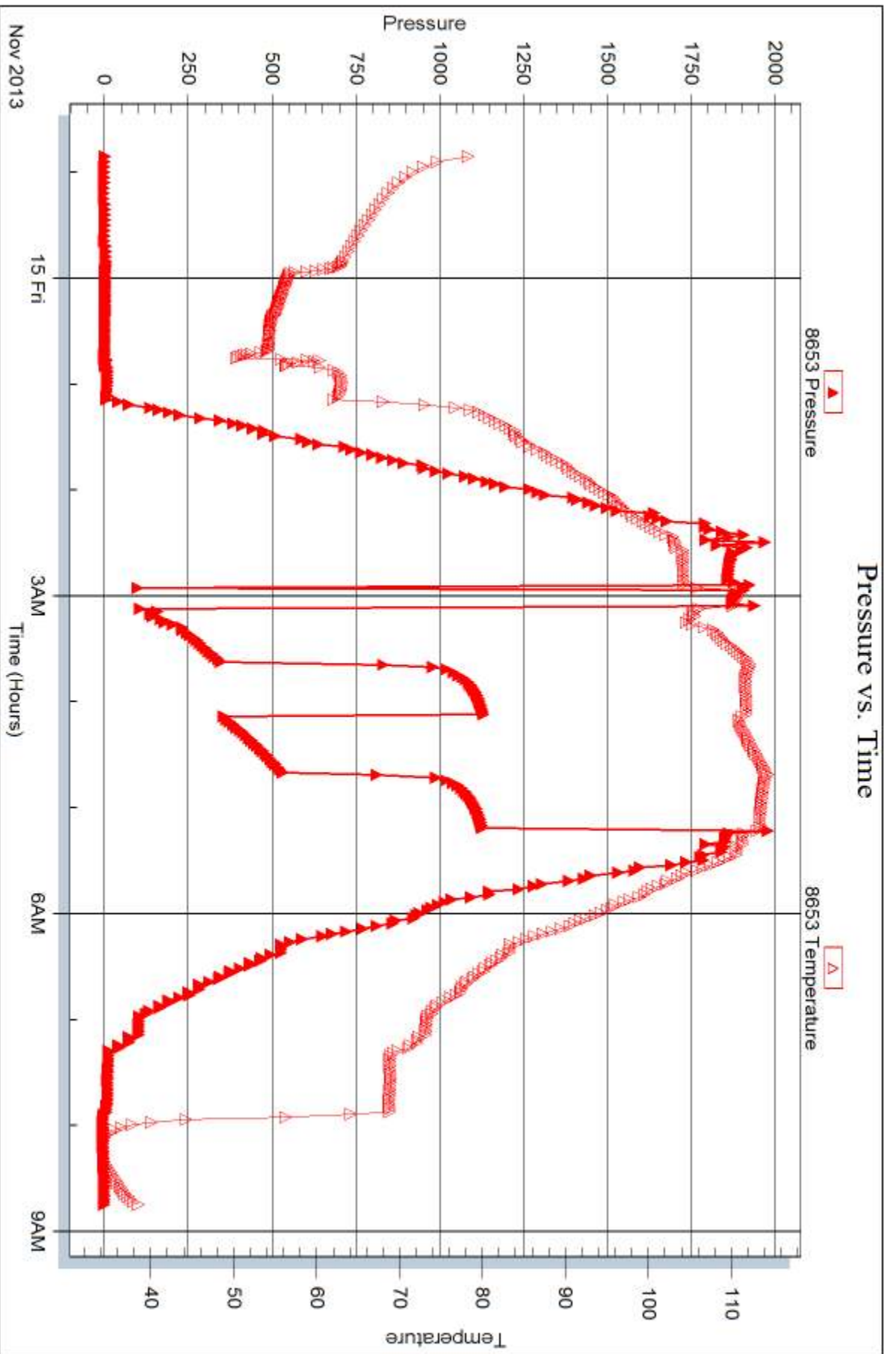
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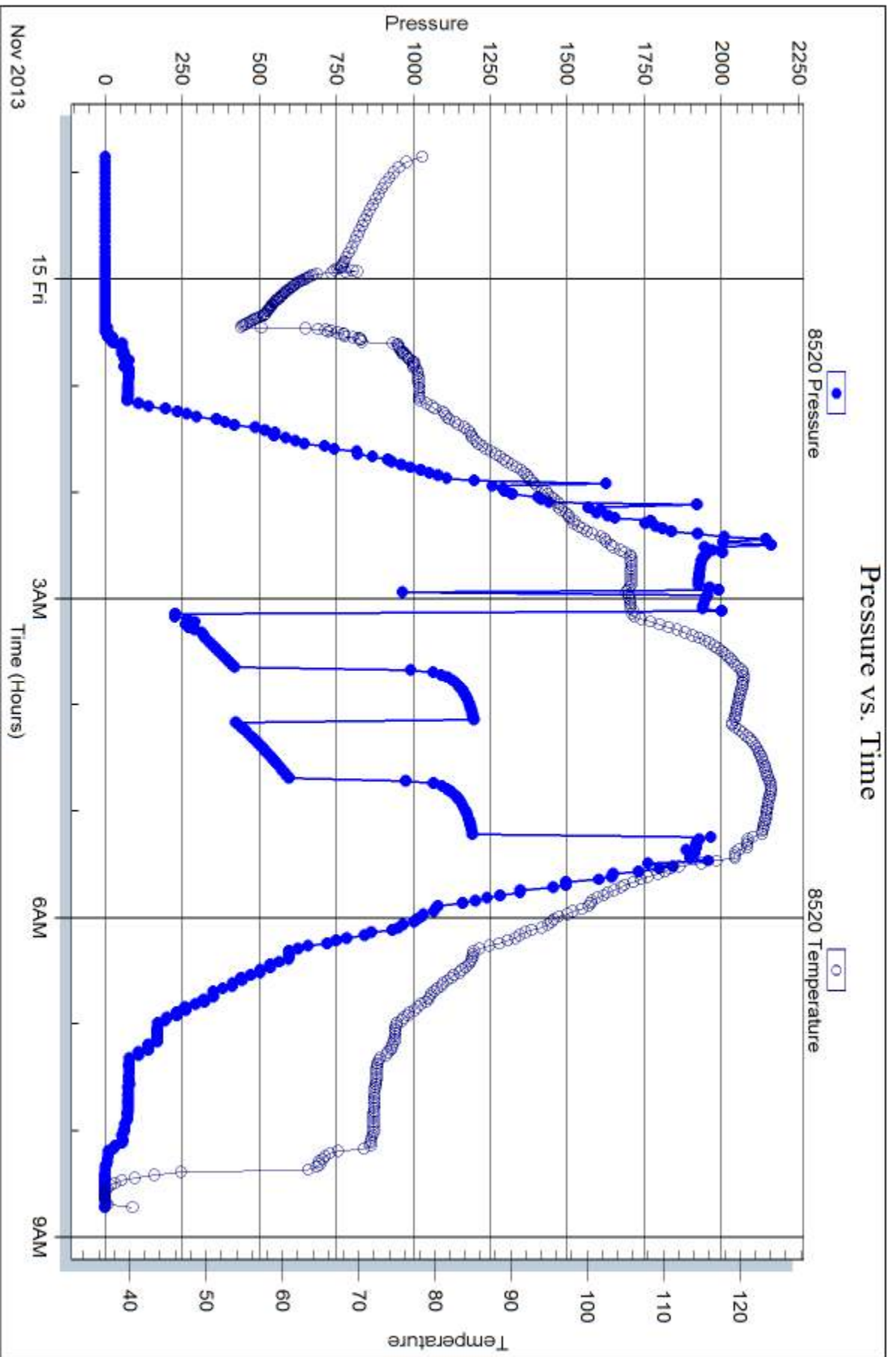
Laboratory Name:

Laboratory Location:

Recovery Comments: RW = .19 @ 54 DEG = 50000PPM









DRILL STEM TEST REPORT

Prepared For: **Enterprise, Inc.**

2708 Barclay Dr.
Hays, KS 67601

ATTN: Jerry Green

Sauvage #2-3

2-5s-30w Decatur,KS

Start Date: 2013.11.15 @ 00:00:00

End Date:

Job Ticket #: 55196

DST #: 3

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.11.19 @ 11:40:17



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Enterprise, Inc.

2-5s-30w Decatur, KS

2708 Barclay Dr.
Hays, KS 67601

Sauvage #2-3

Job Ticket: 55196

DST#: 3

ATTN: Jerry Green

Test Start: 2013.11.15 @ 00:00:00

GENERAL INFORMATION:

Formation: **LKC "K-L"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened:

Time Test Ended:

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Mack

Unit No: 66

Interval: **4110.00 ft (KB) To 4200.00 ft (KB) (TVD)**

Reference Elevations: 2875.00 ft (KB)

Total Depth: 4200.00 ft (KB) (TVD)

2870.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8874 Inside

Press@RunDepth: psig @ 4111.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.11.15

End Date: 2013.11.15

Last Calib.: 2013.11.16

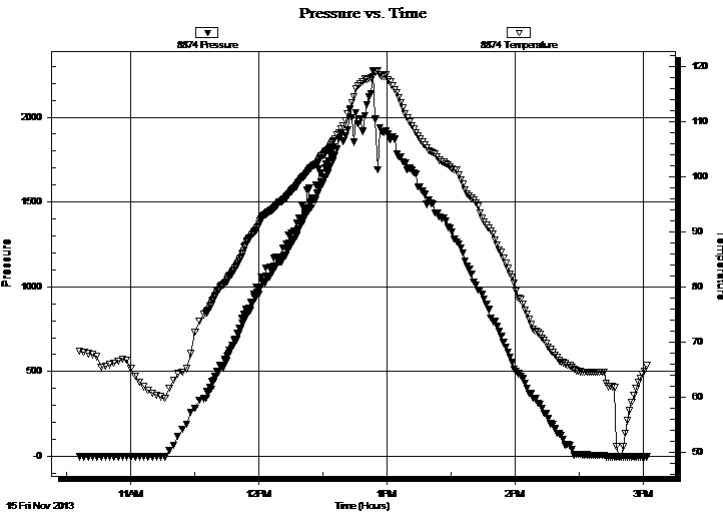
Start Time: 10:36:00

End Time: 15:01:30

Time On Btm:

Time Off Btm:

TEST COMMENT: Tool hit several hard bridges going in the hole. Tripped out to recondition hole for DST #4



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Enterprise, Inc.

2-5s-30w Decatur, KS

2708 Barclay Dr.
Hays, KS 67601

Sauvage #2-3

Job Ticket: 55196

DST#: 3

ATTN: Jerry Green

Test Start: 2013.11.15 @ 00:00:00

GENERAL INFORMATION:

Formation: **LKC "K-L"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened:

Time Test Ended:

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Mack

Unit No: 66

Interval: **4110.00 ft (KB) To 4200.00 ft (KB) (TVD)**

Reference Elevations: 2875.00 ft (KB)

Total Depth: 4200.00 ft (KB) (TVD)

2870.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8653 Outside

Press@RunDepth: psig @ 4111.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.11.15

End Date: 2013.11.15

Last Calib.: 2013.11.16

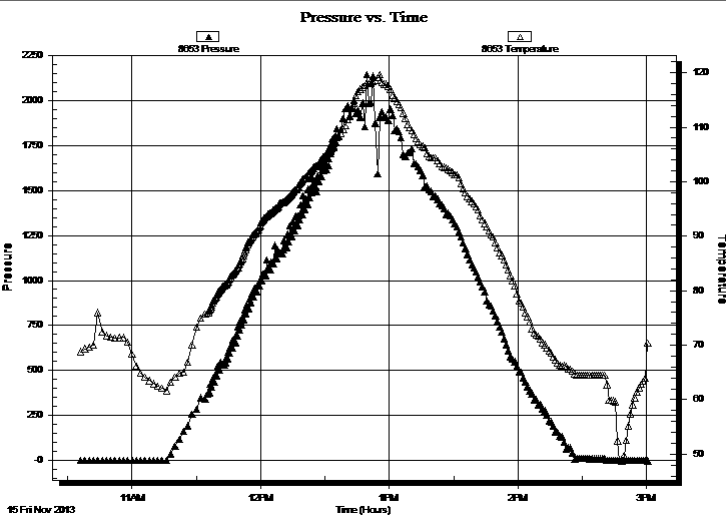
Start Time: 10:36:00

End Time: 15:00:30

Time On Btm:

Time Off Btm:

TEST COMMENT: Tool hit several hard bridges going in the hole. Tripped out to recondition hole for DST #4



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Enterprise, Inc.

2-5s-30w Decatur, KS

2708 Barclay Dr.
Hays, KS 67601

Sauvage #2-3

Job Ticket: 55196

DST#: 3

ATTN: Jerry Green

Test Start: 2013.11.15 @ 00:00:00

Tool Information

Drill Pipe:	Length: 4083.00 ft	Diameter: 3.80 inches	Volume: 57.27 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 57.27 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	1.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	4110.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	90.00 ft			
Tool Length:	118.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4083.00	
Shut In Tool	5.00			4088.00	
Hydraulic tool	5.00			4093.00	
Jars	5.00			4098.00	
Safety Joint	3.00			4101.00	
Packer	5.00			4106.00	28.00 Bottom Of Top Packer
Packer	4.00			4110.00	
Stubb	1.00			4111.00	
Recorder	0.00	8653	Outside	4111.00	
Recorder	0.00	8874	Inside	4111.00	
Perforations	20.00			4131.00	
Change Over Sub	1.00			4132.00	
Drill Pipe	62.00			4194.00	
Change Over Sub	1.00			4195.00	
Bullnose	5.00			4200.00	90.00 Bottom Packers & Anchor

Total Tool Length: 118.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Enterprise, Inc.

2-5s-30w Decatur, KS

2708 Barclay Dr.
Hays, KS 67601

Sauvage #2-3

Job Ticket: 55196

DST#: 3

ATTN: Jerry Green

Test Start: 2013.11.15 @ 00:00:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.58 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl

Total Length: ft Total Volume: bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

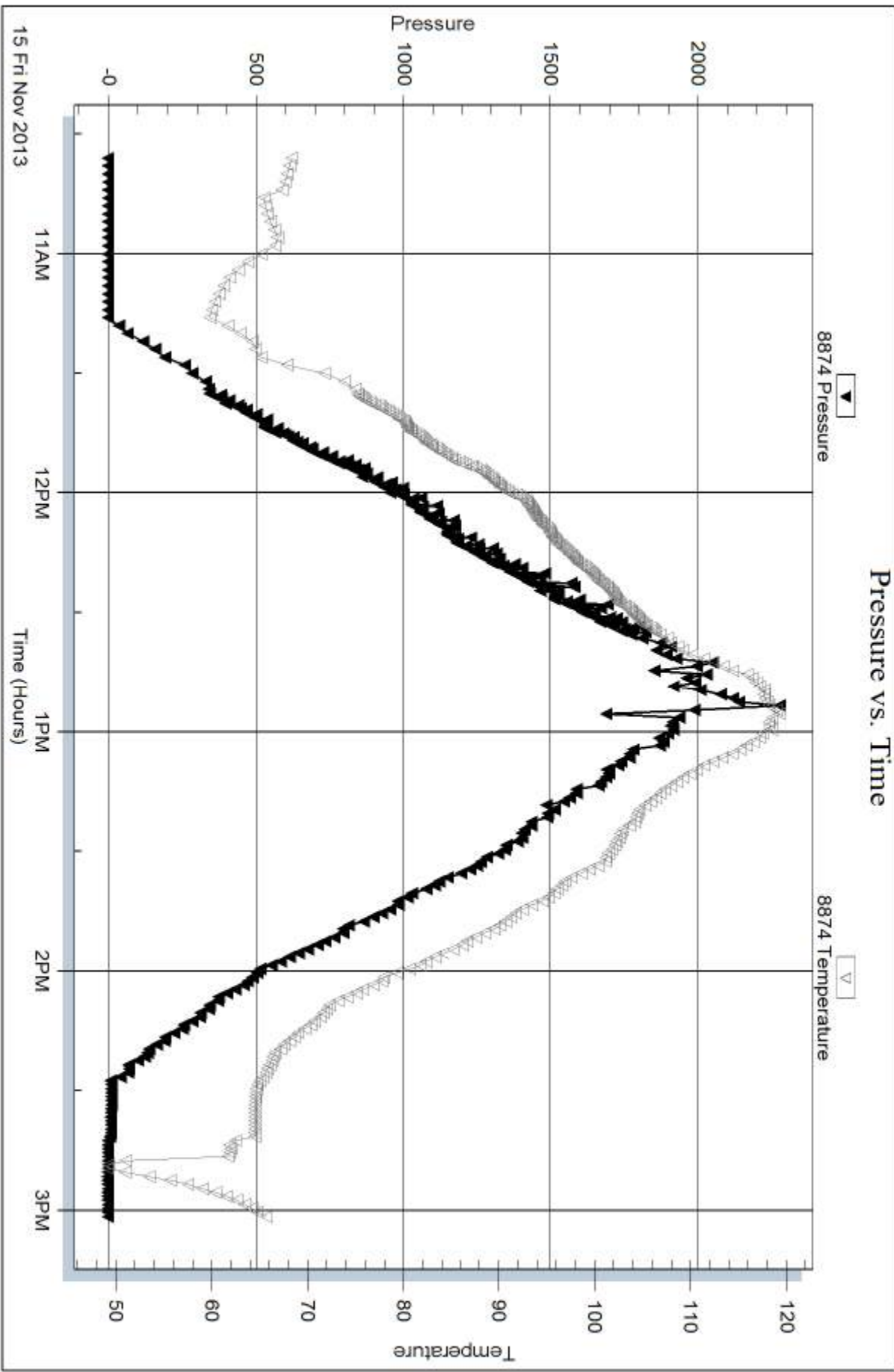
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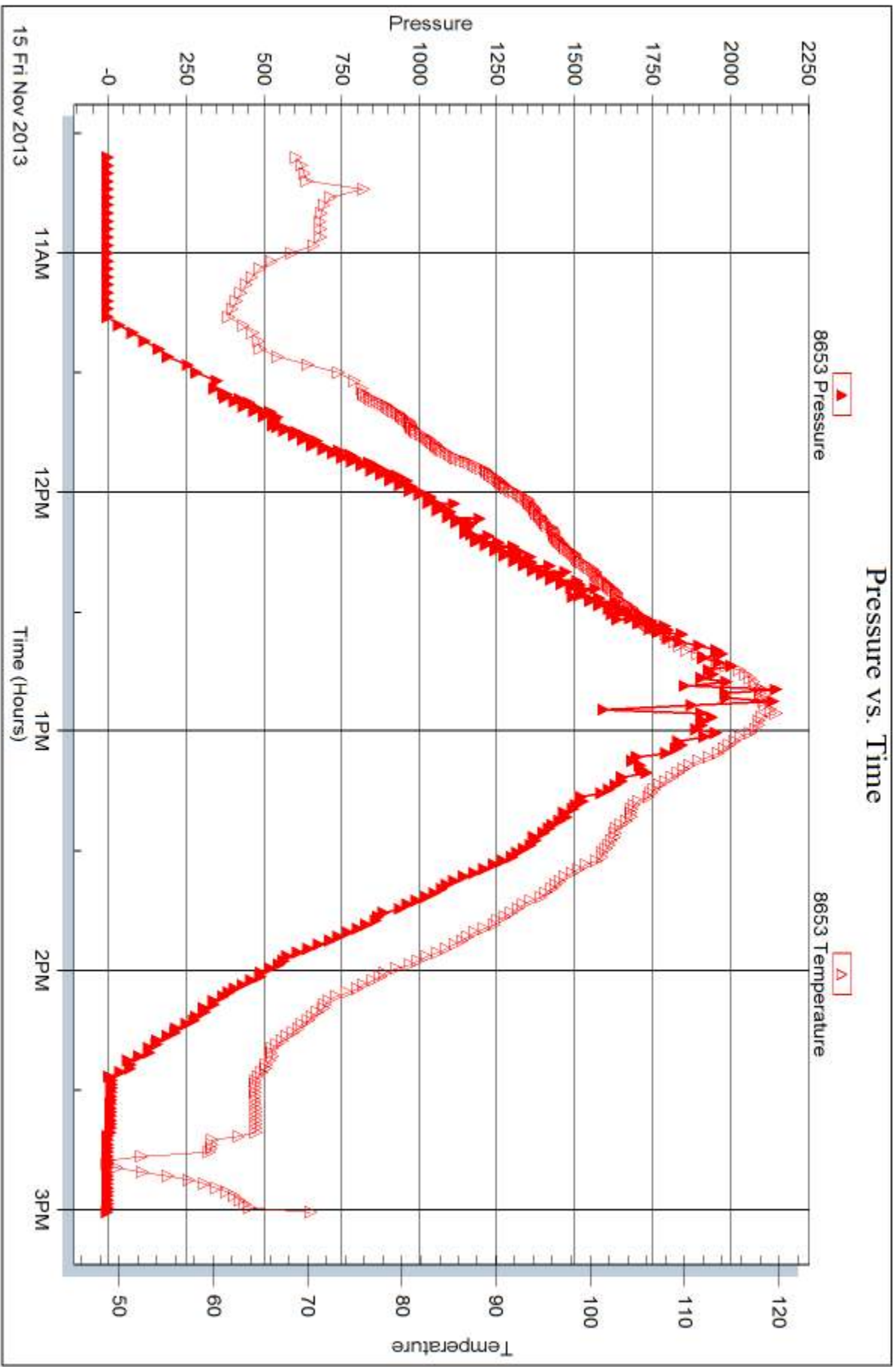
Inside

Enterprise, Inc.

Sauvage #2-3

DST Test Number: 3







DRILL STEM TEST REPORT

Prepared For: **Enterprise, Inc.**

2708 Barclay Dr.
Hays, KS 67601

ATTN: Jerry Green

Sauvage #2-3

2-5s-30w Decatur,KS

Start Date: 2013.11.16 @ 01:35:00

End Date: 2013.11.16 @ 10:39:30

Job Ticket #: 55197 DST #: 4

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.11.19 @ 11:38:32



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Enterprise, Inc.

2-5s-30w Decatur, KS

2708 Barclay Dr.
Hays, KS 67601

Sauvage #2-3

Job Ticket: 55197

DST#: 4

ATTN: Jerry Green

Test Start: 2013.11.16 @ 01:35:00

GENERAL INFORMATION:

Formation: **LKC "K-L"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:27:30

Time Test Ended: 10:39:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Mack

Unit No: 66

Interval: 4110.00 ft (KB) To 4200.00 ft (KB) (TVD)

Reference Elevations: 2875.00 ft (KB)

Total Depth: 4200.00 ft (KB) (TVD)

2870.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8874

Inside

Press@RunDepth: 42.52 psig @ 4111.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.11.16

End Date: 2013.11.16

Last Calib.: 2013.11.16

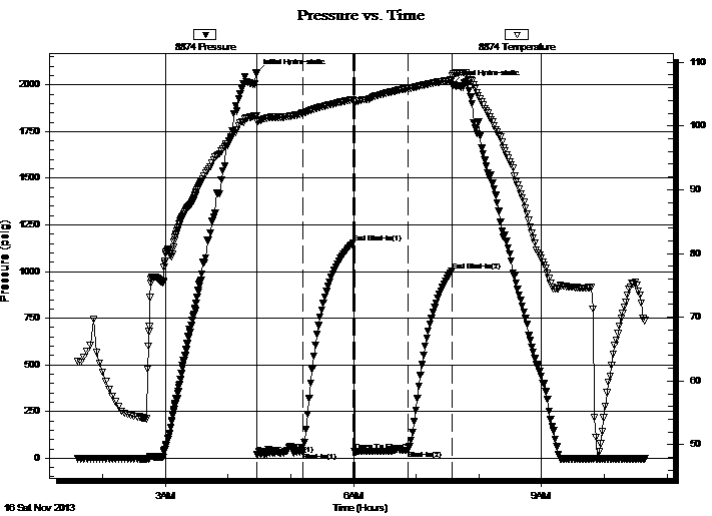
Start Time: 01:36:00

End Time: 10:39:30

Time On Btm: 2013.11.16 @ 04:27:00

Time Off Btm: 2013.11.16 @ 07:34:30

TEST COMMENT: 45 - IF- 1" Blow Built to 4"
45 - IS- No Return
45 - FF- Surface Blow started at 1 min. Built to 1 1/4"
45 - FS- No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2062.96	101.66	Initial Hydro-static
1	20.65	100.79	Open To Flow (1)
44	31.57	102.02	Shut-In(1)
93	1152.09	104.18	End Shut-In(1)
94	34.45	103.89	Open To Flow (2)
145	42.52	105.84	Shut-In(2)
187	1002.62	107.23	End Shut-In(2)
188	2001.58	107.81	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	OSM 100M (oil spots)	0.70

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Enterprise, Inc.

2-5s-30w Decatur, KS

2708 Barclay Dr.
Hays, KS 67601

Sauvage #2-3

Job Ticket: 55197

DST#: 4

ATTN: Jerry Green

Test Start: 2013.11.16 @ 01:35:00

GENERAL INFORMATION:

Formation: **LKC "K-L"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:27:30

Time Test Ended: 10:39:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Mack

Unit No: 66

Interval: 4110.00 ft (KB) To 4200.00 ft (KB) (TVD)

Total Depth: 4200.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2875.00 ft (KB)

2870.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8653 Outside

Press@RunDepth: psig @ 4111.00 ft (KB)

Start Date: 2013.11.16

End Date:

2013.11.16

Start Time: 01:36:00

End Time:

10:38:00

Capacity: 8000.00 psig

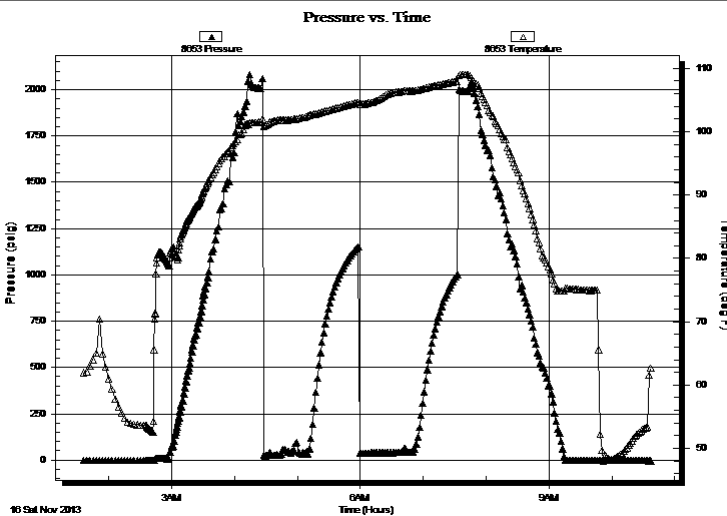
Last Calib.: 2013.11.16

Time On Btm:

Time Off Btm:

TEST COMMENT: 45 - IF- 1" Blow Built to 4"
45 - IS- No Return
45 - FF- Surface Blow started at 1 min. Built to 1 1/4"
45 - FS- No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
50.00	OSM 100M (oil spots)	0.70

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Enterprise, Inc.

2-5s-30w Decatur, KS

2708 Barclay Dr.
Hays, KS 67601

Sauvage #2-3

Job Ticket: 55197

DST#: 4

ATTN: Jerry Green

Test Start: 2013.11.16 @ 01:35:00

Tool Information

Drill Pipe:	Length: 4112.00 ft	Diameter: 3.80 inches	Volume: 57.68 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	60000.00 lb
			<u>Total Volume: 57.68 bbl</u>	Tool Chased	ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial	45000.00 lb
Depth to Top Packer:	4110.00 ft			Final	47000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	90.00 ft				
Tool Length:	118.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4083.00	
Shut In Tool	5.00			4088.00	
Hydraulic tool	5.00			4093.00	
Jars	5.00			4098.00	
Safety Joint	3.00			4101.00	
Packer	5.00			4106.00	28.00 Bottom Of Top Packer
Packer	4.00			4110.00	
Stubb	1.00			4111.00	
Recorder	0.00	8653	Outside	4111.00	
Recorder	0.00	8874	Inside	4111.00	
Perforations	20.00			4131.00	
Change Over Sub	1.00			4132.00	
Drill Pipe	62.00			4194.00	
Change Over Sub	1.00			4195.00	
Bullnose	5.00			4200.00	90.00 Bottom Packers & Anchor

Total Tool Length: 118.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Enterprise, Inc.

2-5s-30w Decatur, KS

2708 Barclay Dr.
Hays, KS 67601

Sauvage #2-3

Job Ticket: 55197

DST#: 4

ATTN: Jerry Green

Test Start: 2013.11.16 @ 01:35:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.58 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	OSM 100M (oil spots)	0.701

Total Length: 50.00 ft Total Volume: 0.701 bbl

Num Fluid Samples: 0

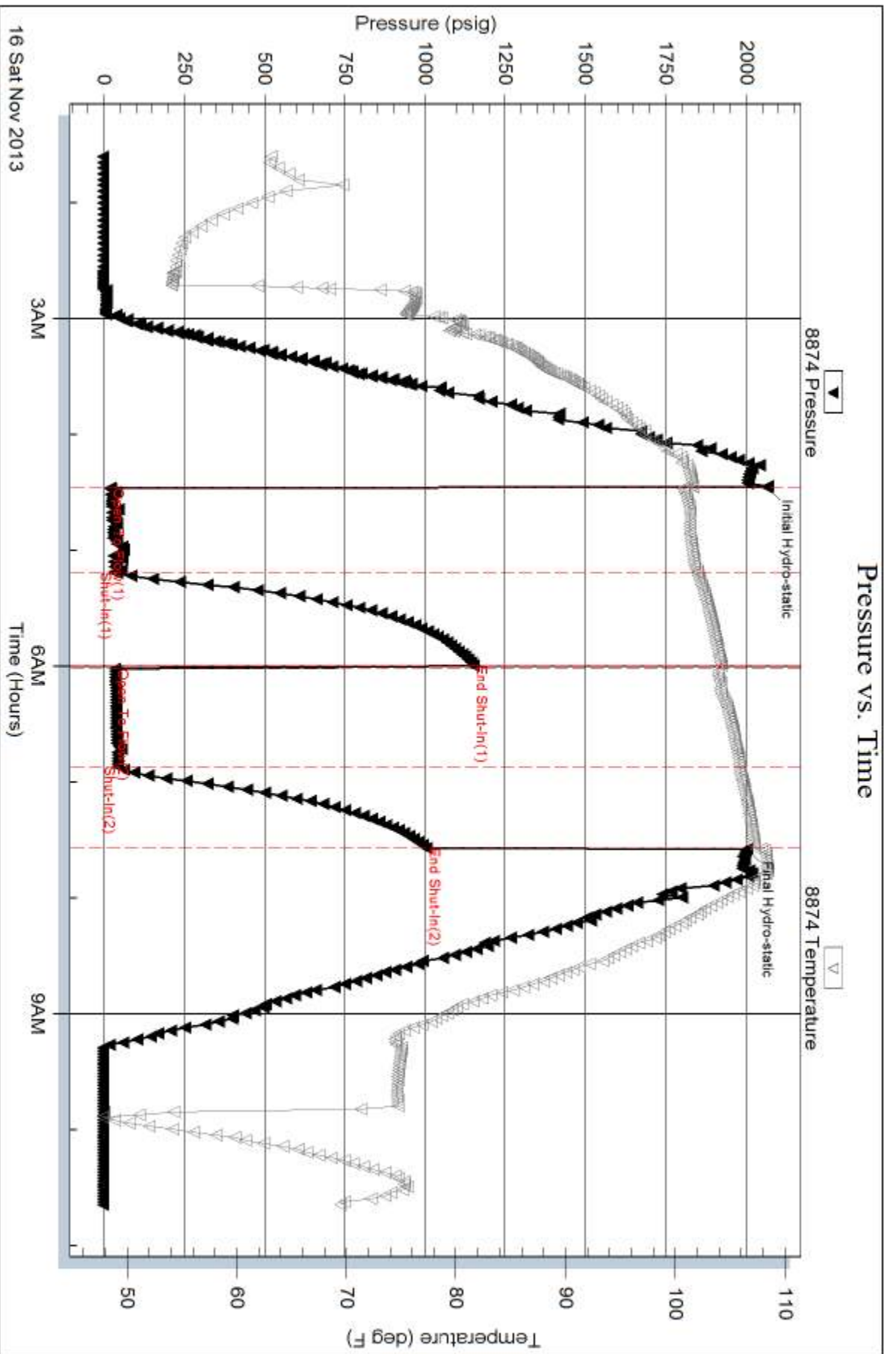
Num Gas Bombs: 0

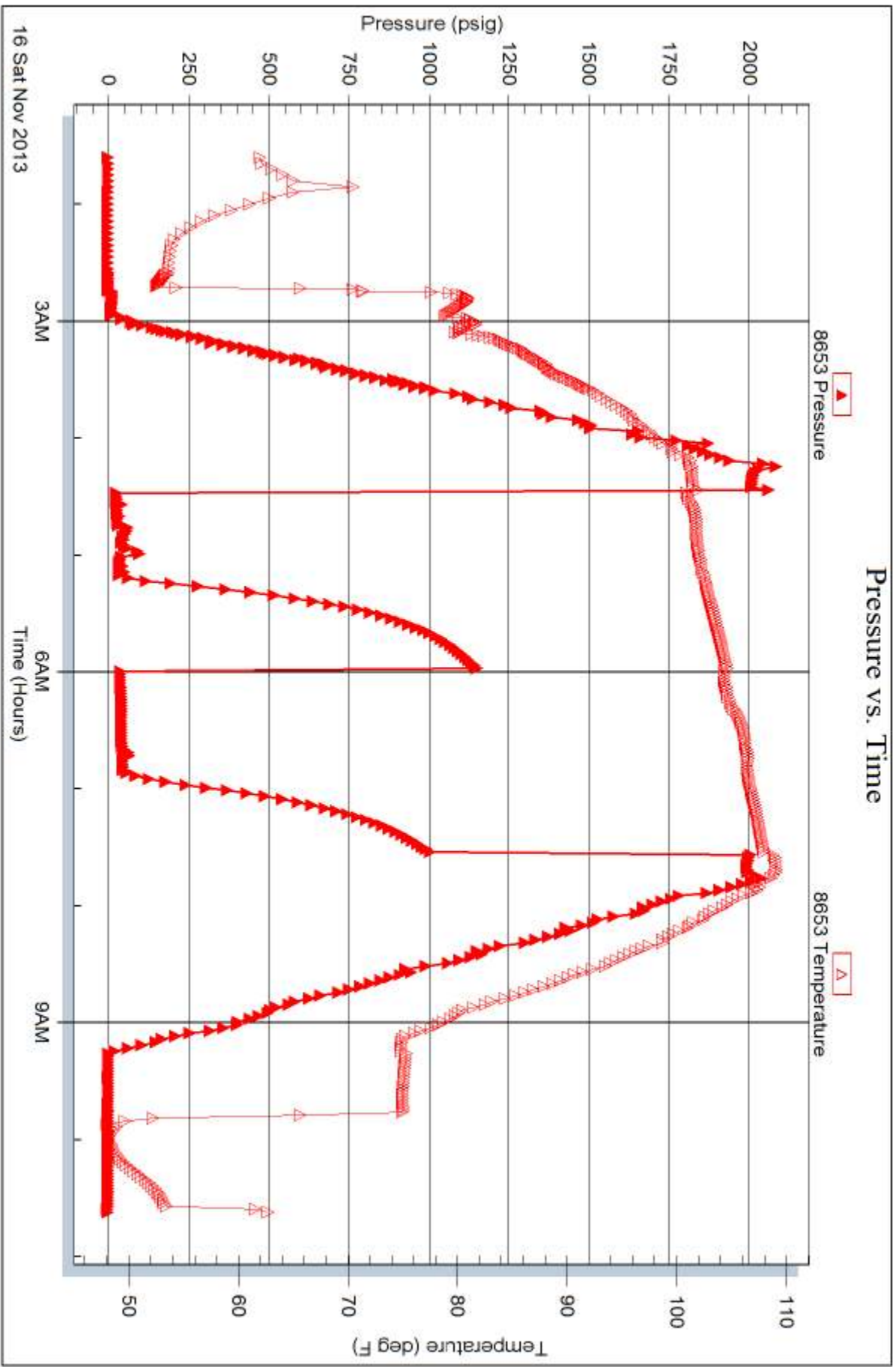
Serial #:

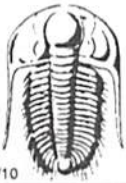
Laboratory Name:

Laboratory Location:

Recovery Comments:







TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **55194**

Well Name & No. Sawage #2-3 Test No. 1 Date 11-14-13
 Company Enterprise, Inc. Elevation 2875 KB 2870 GL
 Address 2708 Barclay Dr. Hays, KS 67601
 Co. Rep / Geo. Jerry Green Rig White Knight #1
 Location: Sec. 2 Twp. 5S Rge. 30W Co. Decatur State KS

Interval Tested 3900-3983 Zone Tested Toronto-LKC "A-B"
 Anchor Length 83' Drill Pipe Run _____ Mud Wt. 9.1
 Top Packer Depth 3896 Drill Collars Run 0 Vis 59
 Bottom Packer Depth 3900 - 3983 ^{Shale Packer (stretcher)} Wt. Pipe Run 0 WL 8.6
 Total Depth 4200 Chlorides 400 ppm System LCM 1.5#

Blow Description IF-1/2" Blow built to 3/4" in 5 min. Then rushed to Bob in 10 min.
ISI- NO Return
FE- N/A
FSI- N/A

Rec	Feet of	%gas	%oil	%water	%mud
<u>146</u>	<u>WM</u>		<u>20</u>	<u>80</u>	
<u>189</u>	<u>MW</u>		<u>70</u>	<u>30</u>	
<u>126</u>	<u>MW</u>		<u>20</u>	<u>80</u>	
Rec	Feet of <u>Show of oil spots in tool</u>	%gas <u>spots</u>	%oil	%water	%mud
Rec	Feet of _____	%gas	%oil	%water	%mud

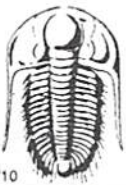
Rec Total 461 BHT 115 Gravity - API RW 19 @ 54 °F Chlorides 50,000 ppm

(A) Initial Hydrostatic 2011 Test 1050 T-On Location 10:15 AM
 (B) First Initial Flow 28 Jars 250 T-Started 12:12 PM
 (C) First Final Flow 251 Safety Joint 75 T-Open 2:08 PM
 (D) Initial Shut-In 1149 Circ Sub N/C T-Pulled 3:08 PM
 (E) Second Initial Flow - Hourly Standby _____ T-Out 6:41 PM
 (F) Second Final Flow - Mileage 40RT 62 Comments Set Jars OFF twice
 (G) Final Shut-In - Sampler _____ and pulled to 13000K
 (H) Final Hydrostatic 1883 Straddle 600 to come off Bottom.
 Shale Packer X2 500 Ruined Shale Packer X1 350

Initial Open 30 Ruined Packer _____
 Initial Shut-In 30 Extra Copies _____
 Final Flow - Extra Recorder _____ Sub Total 0
 Final Shut-In - Day Standby _____ Total 2887
 Accessibility _____ MP/DST Disc't _____
 Sub Total 2537

Approved By _____ 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.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **55195**

Well Name & No. Sawbage #2-3 Test No. 2 Date 11-14-13
 Company Enterprise, Inc. Elevation 2875 KB 2870 GL
 Address 2708 Barclay Dr. Hays, KS 67601
 Co. Rep / Geo. Jerry Green Rig White Knight #1
 Location: Sec. 2 Twp. 5S Rge. 30W Co. Decatur State KS

Interval Tested 3900-4024 Zone Tested Toronto - LKC "A,B,C,D"
 Anchor Length 124' Drill Pipe Run 3888 Mud Wt. 9.1
 Top Packer Depth 3896 Drill Collars Run 0 Vis 59
 Bottom Packer Depth 3900-4024 ^{Shale Packer} (Straddle) Wt. Pipe Run 0 WL 8.6
 Total Depth 4200 Chlorides 4000 ppm System LCM 1.5#

Blow Description IF-BoB in 3 1/2 min.
ISI-NO Return
FF-BoB in 5 min
FSI-NO Return

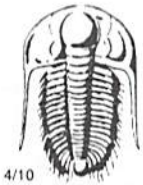
Rec	Feet of	%gas	%oil	%water	%mud
<u>262</u>	<u>WM</u>		<u>30</u>	<u>70</u>	
<u>630</u>	<u>MW</u>		<u>50</u>	<u>50</u>	
<u>315</u>	<u>MW</u>		<u>70</u>	<u>30</u>	
<u>126</u>	<u>MW</u>		<u>80</u>	<u>20</u>	

Rec Total 1333 BHT III Gravity - API RW .19 @ 54 °F Chlorides 50,000 ppm
 (A) Initial Hydrostatic 1929 Test 1050 T-On Location 10:15 PM
 (B) First Initial Flow 1000 Jars 250 T-Started 10:50 PM
 (C) First Final Flow 347 Safety Joint 75 T-Open 3:02 AM
 (D) Initial Shut-In 1131 Circ Sub NIL T-Pulled 5:08 AM
 (E) Second Initial Flow 355 Hourly Standby _____ T-Out 8:45 AM
 (F) Second Final Flow 530 Mileage 40 RT Comments _____
 (G) Final Shut-In 1126 Sampler _____
 (H) Final Hydrostatic 1865 Straddle 600 Ruined Shale Packer XI 350
 Shale Packer X2 500 Ruined Packer _____

Initial Open 30 Extra Packer _____ Extra Copies _____
 Initial Shut-In 30 Extra Recorder _____ Sub Total 0
 Final Flow 30 Day Standby _____ Total 2825
 Final Shut-In 30 Accessibility _____ MP/DST Disc't _____
 Sub Total 2475

Approved By _____ Our Representative

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **55196**

Well Name & No. Savage #2-3 Test No. 3 Date 11-15-13
 Company Enterprise, Inc. Elevation 2875 KB 2878 GL
 Address 2708 Barclay Dr. Hays, KS 67601
 Co. Rep / Geo. Jerry Green Rig White Knight #1
 Location: Sec. 2 Twp. 5S Rge. 30W Co. Decatur State KS

Interval Tested 4110-4200 Zone Tested LKC "K-L"
 Anchor Length 90' Drill Pipe Run - Mud Wt. 9.1
 Top Packer Depth 4106 Drill Collars Run Ø Vis 59
 Bottom Packer Depth 4110 Wt. Pipe Run Ø WL 8.6
 Total Depth 4200 Chlorides 4000 ppm System LCM 1.5#

Blow Description IF-
ISI-
FF-
FSI-

Rec	Feet of	%gas	%oil	%water	%mud

Rec Total _____ BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

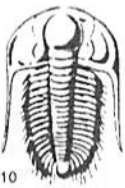
(A) Initial Hydrostatic _____
 (B) First Initial Flow _____
 (C) First Final Flow _____
 (D) Initial Shut-In _____
 (E) Second Initial Flow _____
 (F) Second Final Flow _____
 (G) Final Shut-In _____
 (H) Final Hydrostatic _____

Test 1050
 Jars 250
 Safety Joint 75
 Circ Sub N/C
 Hourly Standby _____
 Mileage _____
 Sampler _____
 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1375

T-On Location 10:50 PM 11-14-13
 T-Started 10:35 AM 11-15-13
 T-Open -
 T-Pulled 1:00 PM
 T-Out 3:02 PM
 Comments Tool made it 100' from bottom. Hit several hard bridges. TOH to re-condition
 Ruined Shale Packer _____
 Ruined Packer X2 640
 Extra Copies _____
 Sub Total 0
 Total 2015
 MP/DST Disc't _____

Approved By _____ Our Representative

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **55197**

Well Name & No. Savage #2-3 Test No. 4 Date 11-16-13
 Company Enterprise, Inc. Elevation 2875 KB 2870 GL
 Address 2708 Barclay Dr. Hays, KS 67601
 Co. Rep / Geo. Jerry Green Rig White Knight #1
 Location: Sec. 2 Twp. 5S Rge. 30W Co. Decatur State KS

Interval Tested 4110-4200 Zone Tested LKC "K-L"
 Anchor Length 90 Drill Pipe Run _____ Mud Wt. 9.1
 Top Packer Depth 4106 Drill Collars Run 0 Vis 59
 Bottom Packer Depth 4110 Wt. Pipe Run 0 WL 8.6
 Total Depth 4200 Chlorides 4000 ppm System LCM 1.5#

Blow Description IF - 1" Blow built to 4"
ISI - NO Return
FF - weak surface blow started at 1 min. Built to 1 1/4"
FSL - NO Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>50</u>	<u>0.0m</u>	<u>SPOTS</u>		<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 50 BHT 107 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2062</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>1:31 AM</u>
(B) First Initial Flow <u>20</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>1:35 AM</u>
(C) First Final Flow <u>31</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>4:30 AM</u>
(D) Initial Shut-In <u>1152</u>	<input checked="" type="checkbox"/> Circ Sub <u>NIC</u>	T-Pulled <u>7:30 AM</u>
(E) Second Initial Flow <u>34</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>10:40 AM</u>
(F) Second Final Flow <u>42</u>	<input checked="" type="checkbox"/> Mileage <u>40RT</u> <u>62</u>	Comments _____
(G) Final Shut-In <u>1002</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>2001</u>	<input type="checkbox"/> Straddle _____	

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

Ruined Shale Packer _____
 Ruined Packer _____
 Extra Packer _____
 Extra Copies _____
 Sub Total 0
 Total 1637
 MP/DST Disot _____
 Sub Total 1637

Approved By _____ Our Representative [Signature]

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