



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1178381  
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: \_\_\_\_\_



1178381

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

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

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

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

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

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

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

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

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

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

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

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

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

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input 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> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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# QUALITY OILWELL CEMENTING, INC.

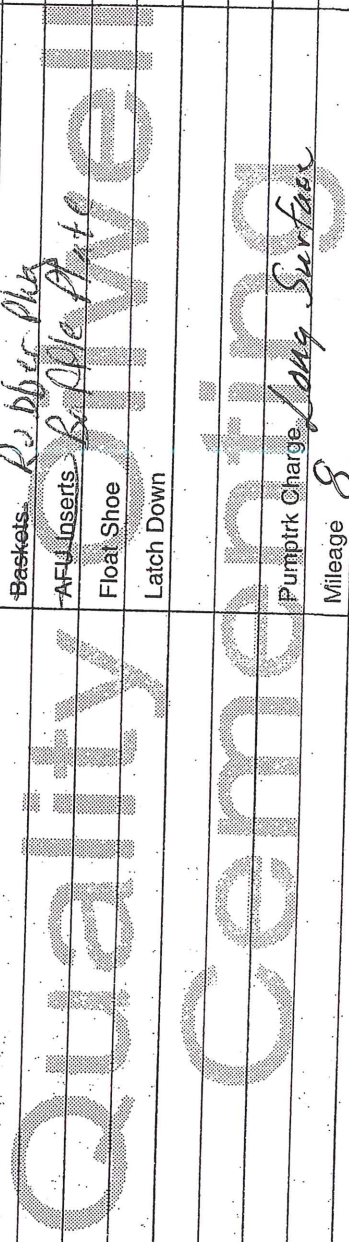
Federal Tax I.D.# 20-2886107

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 7360

Date	8-21-13	22	13	17	Range	County	State	On Location	Finish
Lease	Remme				Well No. 1	Elis		KS	3:45pm
Contractor	Drewery #2								
Type Job	Surface								
Hole Size	12 1/4								
Csg.	8 5/8								
Tbg. Size	Depth 1215								
Tool	Depth								
Cement Left in Csg.	31.33 Shoe Joint 31.33								
Meas Line	Displace 7512BK								
EQUIPMENT									
Pumptrk	17	No.	Cementer	Help					
Bulktrk		No.	Driver	Driver					
Bulktrk	19	No.	Driver	Driver					
JOB SERVICES & REMARKS									
Remarks:									
Rat Hole									
Mouse Hole									
Centralizers									
Baskets									
D/V or Port Collar									
	8 5/8 in bottom - Bulk Cementation -								
	Mix Above + Displace Any.								
	Cement Checked!								
	FLOAT EQUIPMENT								
	Guide Shoe 8 5/8								
	Centralizer 3								
	Baskets Rubber Plug								
	AFU Inserts Rubber Plug								
	Float Shoe								
	Latch Down								
	Pumptrk Charge Long Surface								
	Mileage 8								
	Common 430								
	Poz. Mix 9								
	Gel. Calcium 16								
	Hulls								
	Salt								
	Flowseal								
	Kol-Seal								
	Mud CLR 48								
	CFL-117 or CD110 CAF 38								
	Sand								
	Handling 475								
	Mileage								
	Tax								
	Discount								
	Total Charge								
X	Signature								



57



**Certified Petroleum  
Geologist #3351  
License #224**

P.O. Box 26  
Hays, Kansas 67601-0026  
Phone: 785-628-6061  
Cell: 785-635-1349

## GEOLOGIST'S WELL REPORT

COMPANY DAMAR RESOURCES, INC. (9067)

WELL Romme #1

FIELD Wildcat

LOCATION (legal) Ap. E $\frac{1}{2}$  SE SW SW  
(330' FSL & 1055' FWL)

Section 22 TWP 13S RGE 17W

(Map) 1 mi S &  $\frac{1}{4}$  mi E of Catherine, Ks.

COUNTY Ellis STATE Kansas

ELEVATION: 1998' K.B., 1990' G.L.

Depths measured from Kelly Bushing

A. P. I. NUMBER 15-051-26586

GEOLOGY BY Randall Kilian

CONTRACTOR Discovery Drilling Inc. (31548)

RIG #2 HYDRAULICS D-375 6x14x60  
(Terry Wicham TP)

DRILL PIPE 4 $\frac{1}{2}$ " X-H COLLARS 6 $\frac{1}{2}$ " 13 (400')

CASING: SURFACE 8 5/8" @ 1215' w/ 450 sx Common

PRODUCTION 5  $\frac{1}{2}$ " @ 3622' w/ 210 sx SMD

DRILLING FLUID: COMPANY Andy's Mud & Chemical Co.  
(Brandon Mendez)

TYPE: Chemical

REMARKS: Full service

DRILL STEM TESTS: COMPANY Trilobite Testing Inc.  
(Jeff Brown)

NUMBER OF TESTS Five (5)

ELECTIC LOGS: COMPANY Pioneer Energy Services

DETAIL (5") 2950' - RTD

TYPE DI, Comp N-D, Micro

DRILLING TIME FROM 2950' TO RTD

SAMPLE TIME FROM 2950' TO RTD

SUPERVISION FROM 2950' TO RTD

VERTICAL DEVIATION 3/4°@ 317', 1/2°@ 1215', 1/4°@ 3340'

PLUGGING REPORT 30 sx Rat, 15 sx Mouse

RESERVE PIT 700 bbls., Chl. 47,000 Ca. 1000

DATE:

8-20-13

8-21-13

8-22-13

8-23-13

8-24-13

8-25-13

8-26-13

8-27-13

8-28-13

DATE:	7 a.m. Depth	RIG ACTIVITY
8-20-13		MIRU, Spud
8-21-13	1145'	Drilling surface hole
8-22-13	1315'	Drilling under surface
8-23-13	2260'	Drilling shale & lime
8-24-13	2945'	Drilling lime & shale
8-25-13	3340'	DST #1 Tor-LKc C
8-26-13	3412'	Repairing rig engine
8-27-13	3480'	Drilling LKc lime
8-28-13	3625'	TD, Logged, DST #5 Set pipe.

1	Tor-C 3252- 3340'	55# 83# 5"	720# 60"	98# 567# 60"	640# 90"	1603# 1539#	172' Mud w/ s.o.
2	LKc D-G 3310- 3412'	47# 55# 5"	442# 60"	57# 70# 60"	407# 90"	1654# 1639#	55' Mud w/ s.o.
3	Tor-C 3251- 3336'	51# 73# 5"	710# 60"	78# 154# 60"	498# 90"	1626# 1622#	104' Mud w/ s.o. 126' G,M,Wtr w/ s.o.
4	LKc H-L 3422- 3530'	17# 19# 5"	443# 60"	21# 27# 45"	77# 45"	1707# 1636#	10' Mud
5	Arbuckle 3530- 3570'	191# 216# 5"	1009# 60"	269# 670# 45"	967# 90"	1777# 1700#	720' GIP 1675' G,Oil 27° 125' M,C,Oil
6							
7							
8							

MUD RECORD						
CHK	DEPTH	WT	VIS	FIL	CHL	YP
1	2848'					
2	2995'	8.5	60	8.0	2.5k	20
3	3150'	8.7	51	8.0		
4	3290'	8.9	58			
5	3340'	9.1	44	8.8	5.5k	13
6	3412'	9.2	56	8.0	5k	18
7	3490'	8.9	53	8.8		
8	3600'	9.0	59			
9						
10						
11						

BIT RECORD						
NO	SIZE	MAKE	TYPE	DEPTH-OUT	FEET	HOURS
1	12 1/2"	IADC	437	1215'	1215'	12 1/2
2	7 7/8"	HTCo.	GX20C	3625'	2410'	57 1/2
3						
4						
5						
6						
7						

Displaced  
LCM 3#  
LCM 2#  
LCM 1 1/2#

T  
13  
S



STRA  
MAF  
Anhy  
Base  
Tope  
Heek  
Torc  
Lans  
BKc.  
Arbu  
TD

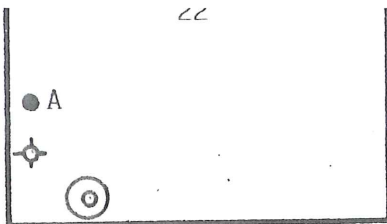
\*Struct

24' Mud w/ s.o.  
26' G,M,Wtr w/ s.o.

10' Mud

20' GIP  
75' G,Oil 27°  
25' M,C,Oil

15  
S



C:  
D:  
E:

STRATIGRAPHIC MARKERS	SUBJECT WELL		STRUCTURAL POSITION					
	SAMPLE	E. LOG	DATUM	A	B	C	D	E
Anhydrite	1227'	1216'	+ 782	+ 765				
Base	1263'	1260'	+ 738					
Topeka	3016'	3018'	-1020	-1022				
Heeb. Sh.	3256'	3260'	-1262	-1266				
Toronto	3278'	3280'	-1282	-1287				
Lansing	3301'	3306'	-1308	-1312				
BKc.	3527'	3532'	-1534	-1537				
Arbuckle	3545'	3550'	-1552	-1552				
TD	3625'	3629'	-1631	-1562				

\*Structural position of subject well as compared to referred well.

1	2	3	4	5	6	7
12 1/4"	7 7/8"					
IADC	HTCO.					
437	GX20C					
1215'	3625'					
1215'	2410'					
12 1/4"	57 1/4"					

The well ran 0-5' high structurally to the nearby producer. Four (4) DST's were run over the Toronto through the BKc with negative results.

The Arbuckle was encountered flat to the nearby well. DST #5 over the upper 20' recovered 1782' oil.

Based upon all data, the well was cased for further testing and production.

Recommended perfs: Arb. 3578-79', 3571-72', 3551-58'  
Before abandoning: LKc C 3331-34'

Respectfully,

*Randy*  
Randall Kilian





# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025  
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Lease	Remme				Well No. 1	Elis		KS	3:45pm		
Contractor	Drewery #2										
Type Job	Surface										
Hole Size	12 1/4										
Csg.	8 5/8										
Tbg. Size	Depth 1215										
Tool	Depth										
Cement Left in Csg.	31.33										
Meas Line	Shoe Joint 31.33										
EQUIPMENT											
Pumptrk	17	No.	Cementer	Help						Common	430
Bulktrk		No.	Driver	Driver						Poz. Mix	9
Bulktrk	19	No.	Driver	Driver						Gel.	16
JOB SERVICES & REMARKS											
Remarks:											
Rat Hole											
Mouse Hole											
Centralizers											
Baskets											
D/V or Port Collar											
8 5/8 in bottom - Bulk Cementation - Mix Above + Displace They. Cement Checked! FLOAT EQUIPMENT Guide Shoe 8 5/8 Centralizer 3 Baskets Rubber Plug AFU Inserts Rubber Plug Float Shoe Latch Down Pumptrk Charge Long Surface Mileage 8											
Signature									Tax		
									Discount		
									Total Charge		

BT



**Certified Petroleum  
Geologist #3351  
License #224**

P.O. Box 26  
Hays, Kansas 67601-0026  
Phone: 785-628-6061  
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3						
4						
5						
6						
7						

Displaced  
LCM 3#  
LCM 2#  
LCM 1 1/2#

T  
13  
S



STRA  
MAF  
Anhy  
Base  
Tope  
Heek  
Torc  
Lans  
BKc.  
Arbu  
TD

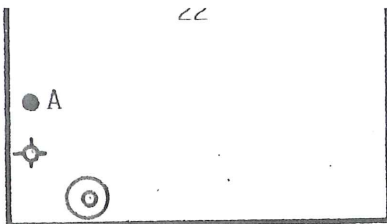
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Before abandoning: LKc C 3331-34'

Respectfully,

*Randy*  
Randall Kilian



## DRILL STEM TEST REPORT

Prepared For: **DaMar Resources Inc**

PO Box 70  
Hays KS 67601-3805

ATTN: Randy Kilian

### **Romme #1**

#### **22-13s-17w Ellis,KS**

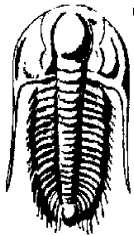
Start Date: 2013.08.25 @ 02:37:02

End Date: 2013.08.25 @ 10:38:32

Job Ticket #: 041753                      DST #: 1

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

Printed: 2013.09.04 @ 11:43:59



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

DaMar Resources Inc  
 PO Box 70  
 Hays KS 67601-3805  
 ATTN: Randy Kilian

**22-13s-17w Ellis,KS**  
**Romme #1**  
 Job Ticket: 041753 **DST#: 1**  
 Test Start: 2013.08.25 @ 02:37:02

## GENERAL INFORMATION:

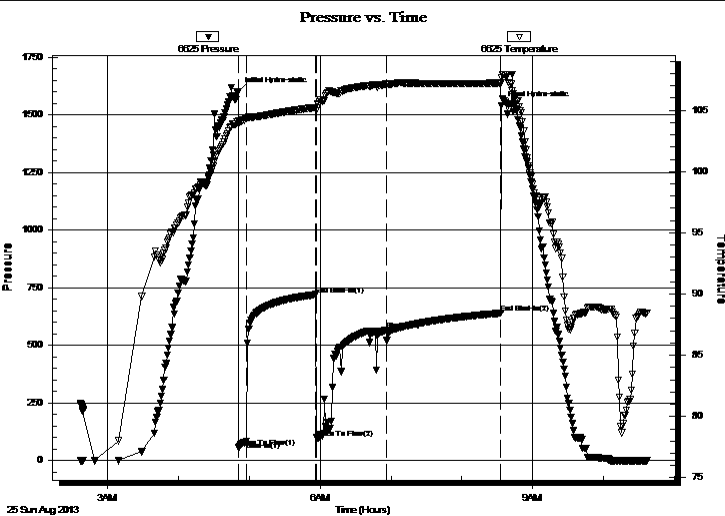
Formation: **Toronto - LKC C**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 04:51:02  
 Time Test Ended: 10:38:32  
 Interval: **3252.00 ft (KB) To 3340.00 ft (KB) (TVD)**  
 Total Depth: 3340.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Jeff Brown  
 Unit No: 67  
 Reference Elevations: 1998.00 ft (KB)  
 1991.00 ft (CF)  
 KB to GR/CF: 7.00 ft

## Serial #: 6625

**Outside**

Press @ Run Depth: 566.77 psig @ 3322.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2013.08.25 End Date: 2013.08.25 Last Calib.: 2013.08.25  
 Start Time: 02:37:03 End Time: 10:36:32 Time On Btm: 2013.08.25 @ 04:50:32  
 Time Off Btm: 2013.08.25 @ 08:33:32

**TEST COMMENT:** IFP=Fair blow built to 8 in  
 ISI=Weak surface blow back died out in 12 min  
 FFP=Fair blow Built to 9 in  
 FSI=Dead no blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1602.59	104.10	Initial Hydro-static
1	55.47	103.88	Open To Flow (1)
7	83.25	104.33	Shut-In(1)
66	719.76	105.22	End Shut-In(1)
66	97.79	104.98	Open To Flow (2)
126	566.77	107.14	Shut-In(2)
223	639.50	107.22	End Shut-In(2)
223	1539.26	107.65	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
173.00	Mud with oil spots	2.15

## Gas Rates

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





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

DaMar Resources Inc

**22-13s-17w Ellis,KS**

PO Box 70  
Hays KS 67601-3805

**Romme #1**

Job Ticket: 041753

**DST#: 1**

ATTN: Randy Kilian

Test Start: 2013.08.25 @ 02:37:02

## Tool Information

Drill Pipe:	Length: 3221.00 ft	Diameter: 3.80 inches	Volume: 45.18 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	2000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	52000.00 lb
			<u>Total Volume: 45.33 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial	46000.00 lb
Depth to Top Packer:	3252.00 ft			Final	480000.0 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	88.00 ft				
Tool Length:	111.00 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			3230.00	
Shut In Tool	5.00			3235.00	
Hydraulic tool	5.00			3240.00	
Safety Joint	3.00			3243.00	
Packer	4.00			3247.00	23.00 Bottom Of Top Packer
Packer	5.00			3252.00	
Stubb	1.00			3253.00	
Perforations	4.00			3257.00	
Change Over Sub	1.00			3258.00	
Drill Pipe	63.00			3321.00	
Change Over Sub	1.00			3322.00	
Recorder	0.00	6625	Outside	3322.00	
Recorder	0.00	8679	Inside	3322.00	
Perforations	15.00			3337.00	
Bullnose	3.00			3340.00	88.00 Bottom Packers & Anchor

**Total Tool Length: 111.00**





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

DaMar Resources Inc  
PO Box 70  
Hays KS 67601-3805  
ATTN: Randy Kilian

**22-13s-17w Ellis,KS**  
**Romme #1**  
Job Ticket: 041753      **DST#: 1**  
Test Start: 2013.08.25 @ 02:37:02

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 8.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 60.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.98 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2500.00 ppm			
Filter Cake: inches			

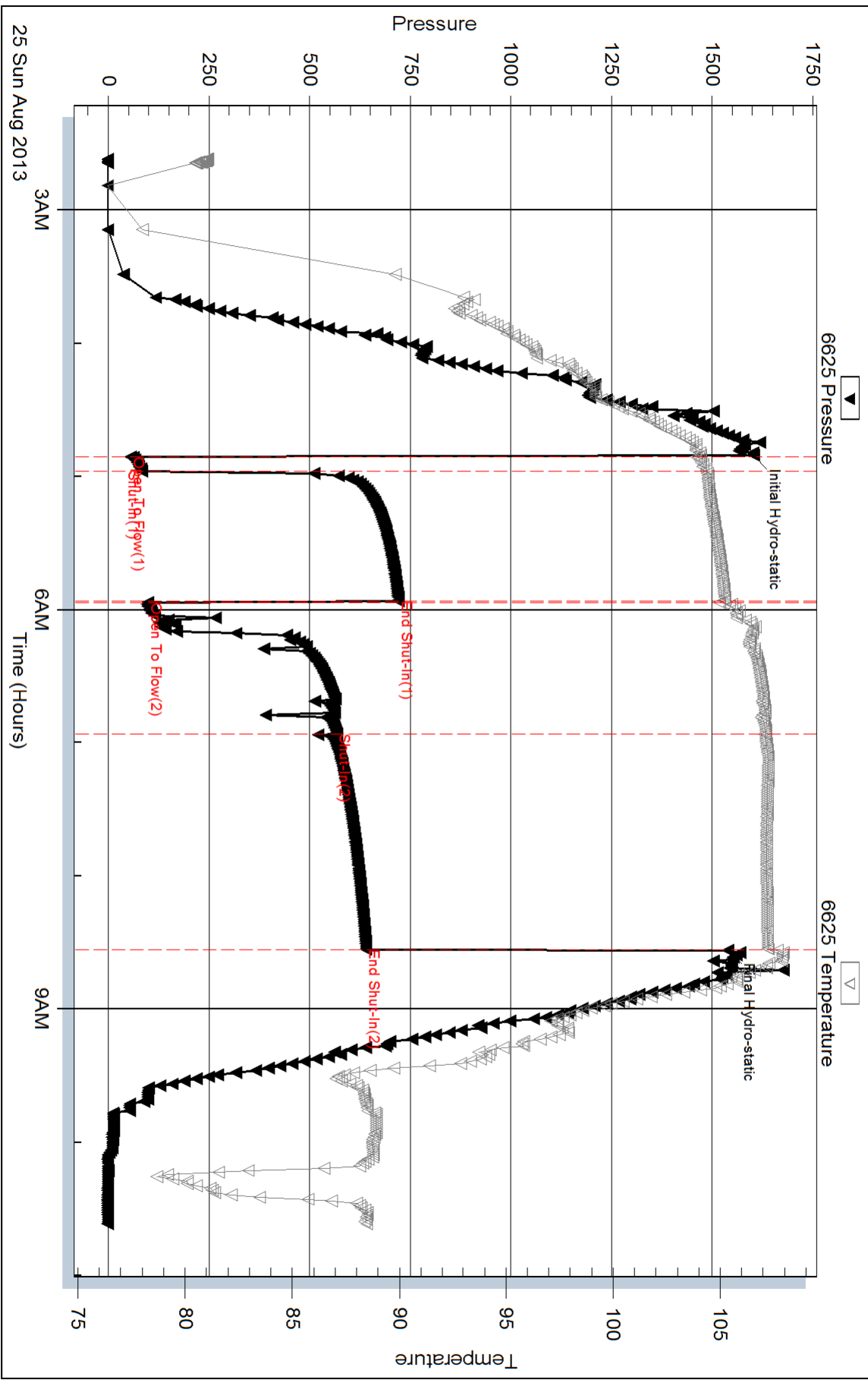
## Recovery Information

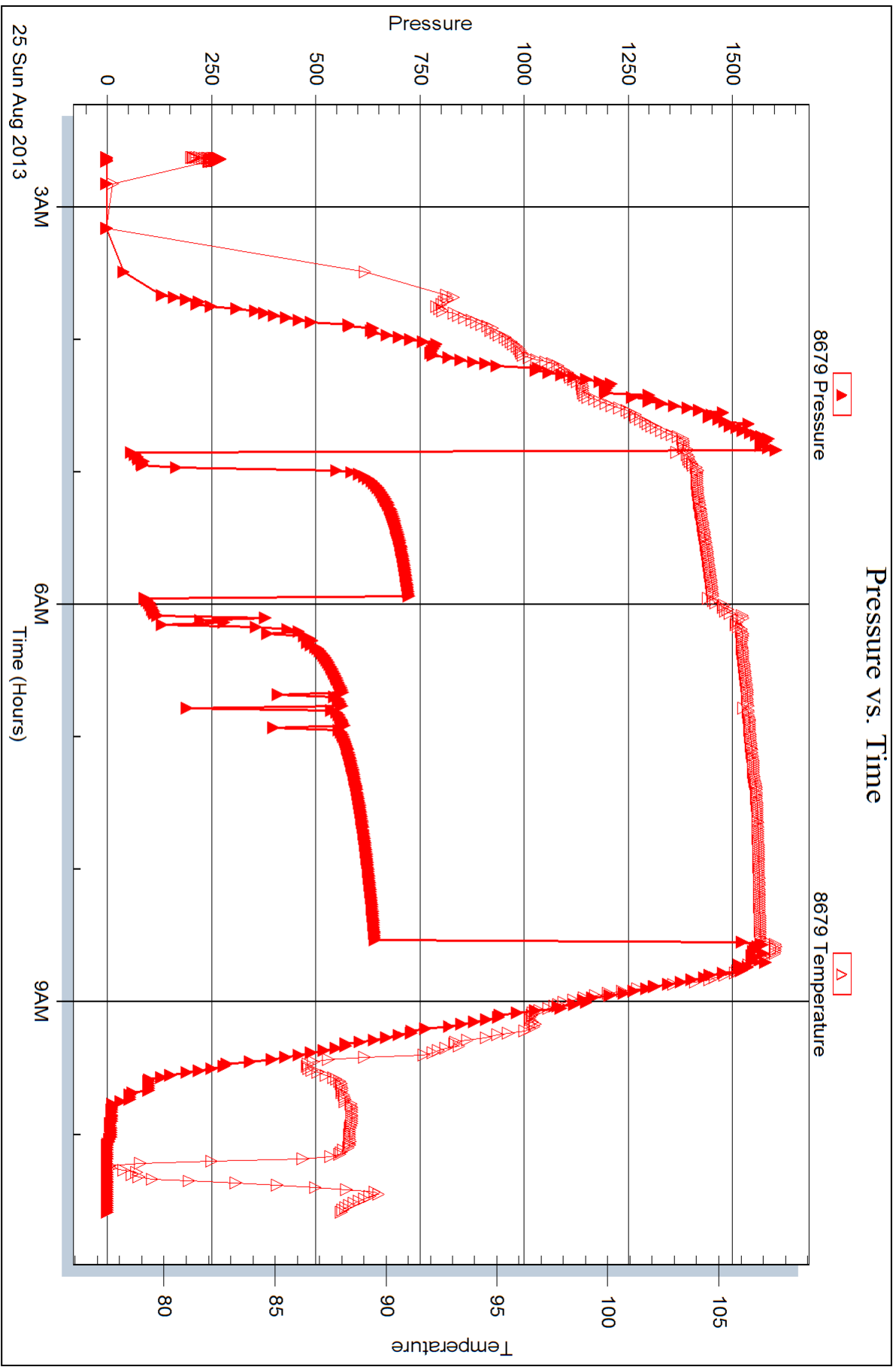
Recovery Table

Length ft	Description	Volume bbl
173.00	Mud w ith oil spots	2.153

Total Length: 173.00 ft      Total Volume: 2.153 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:

# Pressure vs. Time







## DRILL STEM TEST REPORT

Prepared For: **DaMar Resources Inc**

PO Box 70  
Hays KS 67601-3805

ATTN: Randy Kilian

### **Romme #1**

#### **22-13s-17w Ellis,KS**

Start Date: 2013.08.25 @ 18:13:49

End Date: 2013.08.26 @ 01:43:19

Job Ticket #: 041754                      DST #: 2

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

Printed: 2013.09.04 @ 11:43:24



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

DaMar Resources Inc  
 PO Box 70  
 Hays KS 67601-3805  
 ATTN: Randy Kilian

**22-13s-17w Ellis,KS**

**Romme #1**

Job Ticket: 041754

**DST#: 2**

Test Start: 2013.08.25 @ 18:13:49

## GENERAL INFORMATION:

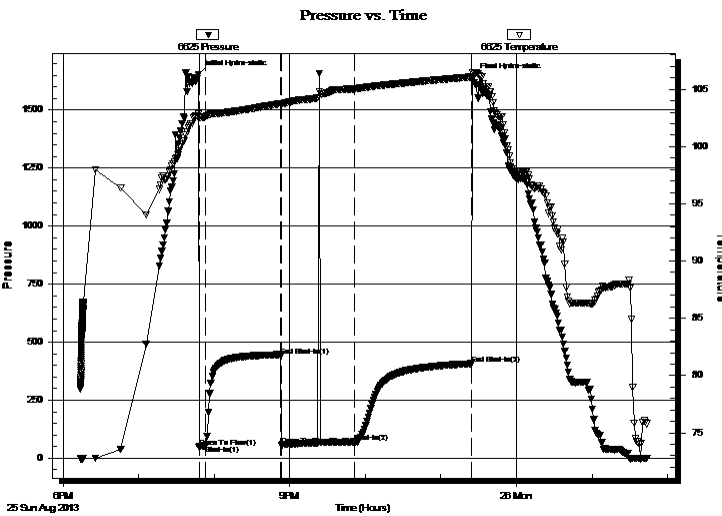
Formation: **LKC-C-G**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 19:47:49  
 Time Test Ended: 01:43:19  
 Interval: **3310.00 ft (KB) To 3412.00 ft (KB) (TVD)**  
 Total Depth: 3412.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Jeff Brown  
 Unit No: 67  
 Reference Elevations: 1998.00 ft (KB)  
 1991.00 ft (CF)  
 KB to GR/CF: 7.00 ft

**Serial #: 6625**

**Outside**

Press @ Run Depth: 70.14 psig @ 3380.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2013.08.25 End Date: 2013.08.26 Last Calib.: 2013.08.26  
 Start Time: 18:13:50 End Time: 01:43:19 Time On Btm: 2013.08.25 @ 19:47:19  
 Time Off Btm: 2013.08.25 @ 23:25:19

**TEST COMMENT:** IFP=Weak blow built to 1 in  
 ISI=Dead no blow back  
 FFP=Weak blow built to 1 in-In 30 min-Flushed tool- Weak blow built to 3/4 in  
 FSI=Dead no blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1653.94	102.83	Initial Hydro-static
1	47.34	102.56	Open To Flow (1)
6	54.66	102.62	Shut-In(1)
66	441.66	103.76	End Shut-In(1)
66	57.38	103.74	Open To Flow (2)
124	70.14	105.03	Shut-In(2)
217	407.44	106.09	End Shut-In(2)
218	1638.91	106.48	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
55.00	Mud w with a scum of oil	0.50

## Gas Rates

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

\* Recovery from multiple tests





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

DaMar Resources Inc

**22-13s-17w Ellis,KS**

PO Box 70  
Hays KS 67601-3805

**Romme #1**

Job Ticket: 041754

**DST#: 2**

ATTN: Randy Kilian

Test Start: 2013.08.25 @ 18:13:49

## Tool Information

Drill Pipe:	Length: 3284.00 ft	Diameter: 3.80 inches	Volume: 46.07 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	48000.00 lb
			<u>Total Volume: 46.22 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial	44000.00 lb
Depth to Top Packer:	3310.00 ft			Final	44000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	102.00 ft				
Tool Length:	125.00 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			3288.00	
Shut In Tool	5.00			3293.00	
Hydraulic tool	5.00			3298.00	
Safety Joint	3.00			3301.00	
Packer	4.00			3305.00	23.00 Bottom Of Top Packer
Packer	5.00			3310.00	
Stubb	1.00			3311.00	
Perforations	4.00			3315.00	
Change Over Sub	1.00			3316.00	
Drill Pipe	63.00			3379.00	
Change Over Sub	1.00			3380.00	
Recorder	0.00	6625	Outside	3380.00	
Recorder	0.00	8679	Inside	3380.00	
Perforations	29.00			3409.00	
Bullnose	3.00			3412.00	102.00 Bottom Packers & Anchor

**Total Tool Length: 125.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

DaMar Resources Inc  
PO Box 70  
Hays KS 67601-3805  
ATTN: Randy Kilian

**22-13s-17w Ellis,KS**  
**Romme #1**  
Job Ticket: 041754      **DST#: 2**  
Test Start: 2013.08.25 @ 18:13:49

## 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: 44.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.78 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5500.00 ppm			
Filter Cake: inches			

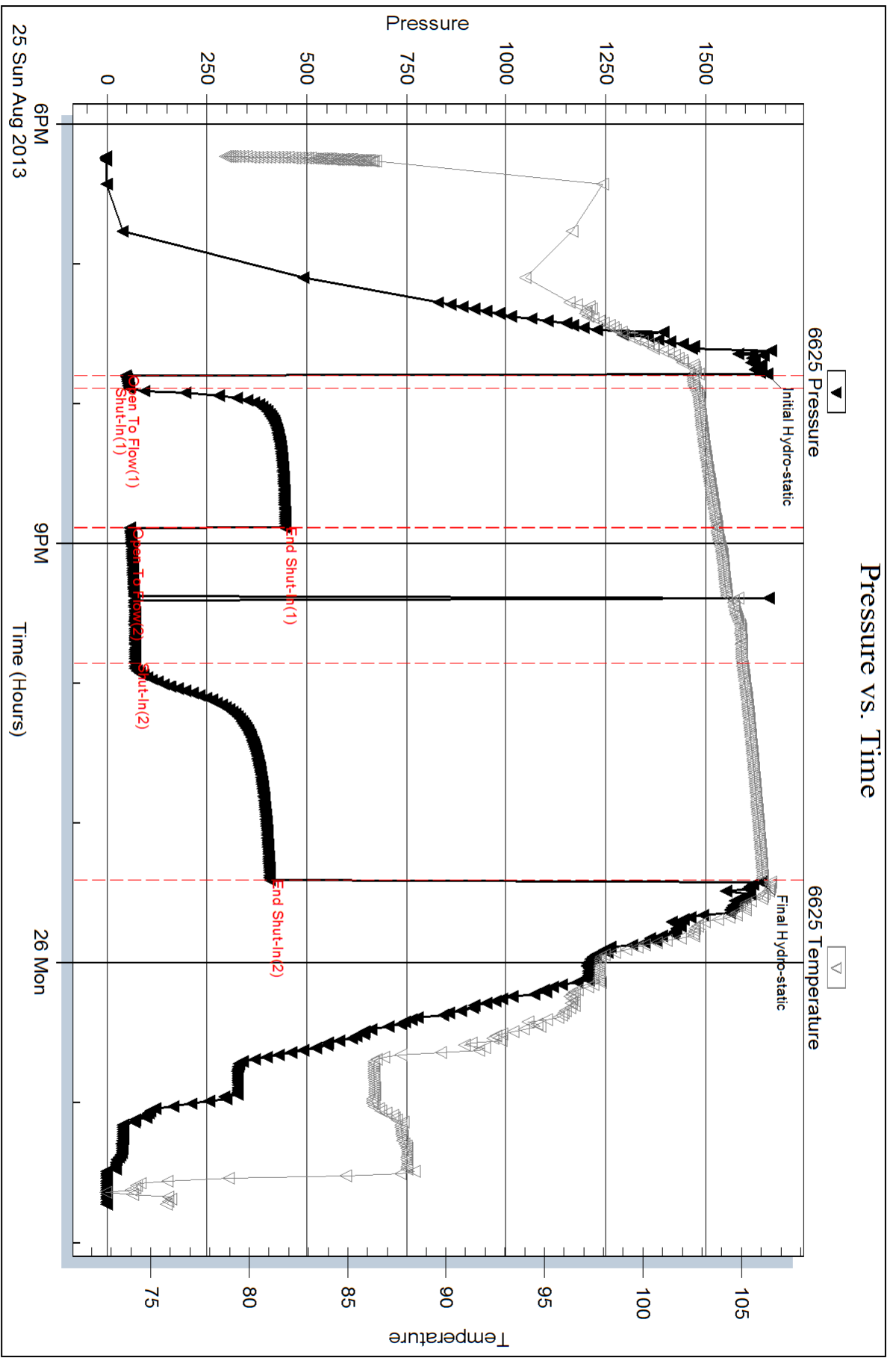
## Recovery Information

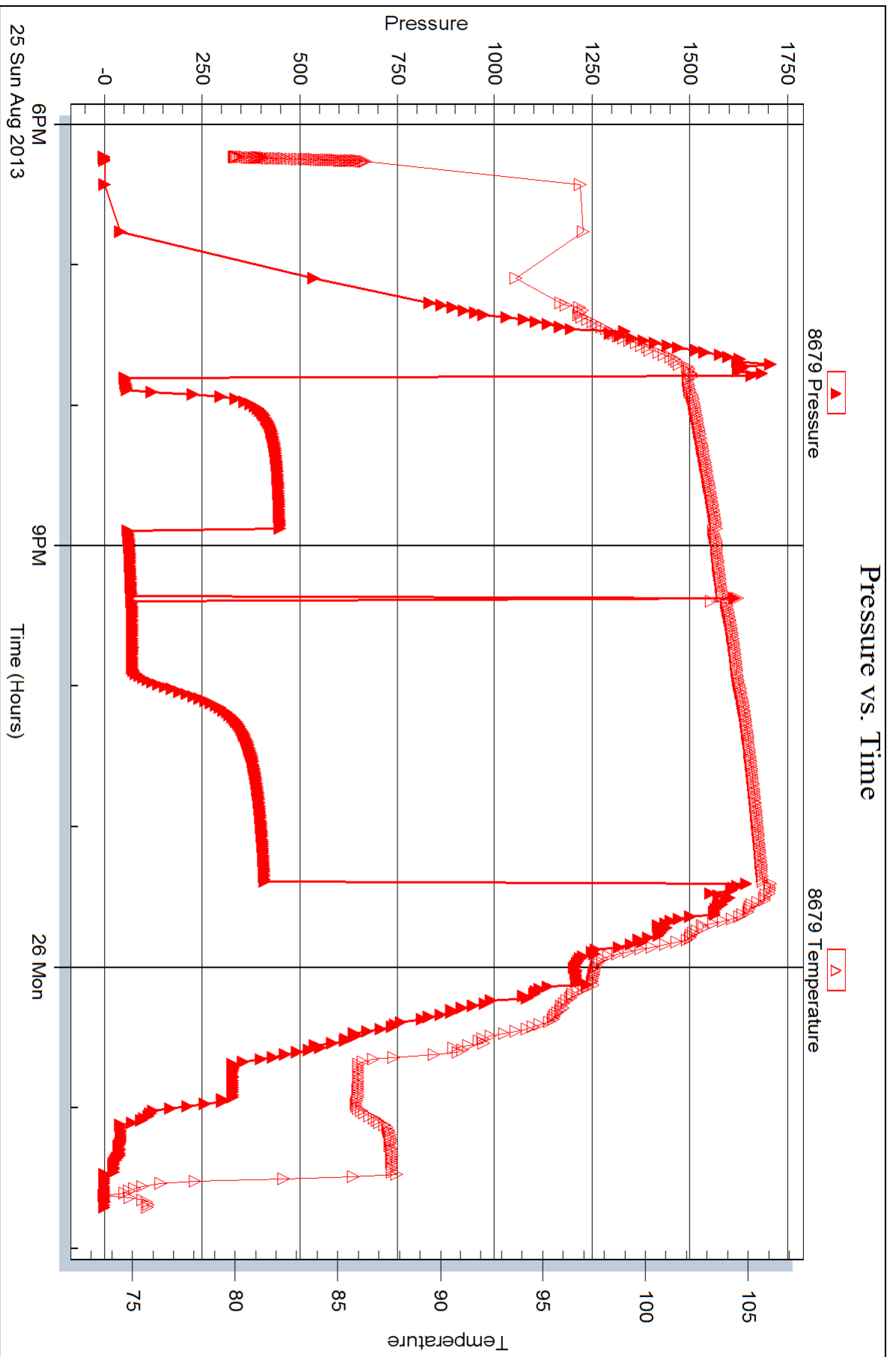
Recovery Table

Length ft	Description	Volume bbl
55.00	Mud with a scum of oil	0.498

Total Length: 55.00 ft      Total Volume: 0.498 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:









## DRILL STEM TEST REPORT

Prepared For: **DaMar Resources Inc**

PO Box 70  
Hays KS 67601-3805

ATTN: Randy Kilian

### **Romme #1**

#### **22-13s-17w Ellis,KS**

Start Date: 2013.08.26 @ 17:37:25

End Date: 2013.08.27 @ 01:28:25

Job Ticket #: 041755                      DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.09.04 @ 11:42:25



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

DaMar Resources Inc  
 PO Box 70  
 Hays KS 67601-3805  
 ATTN: Randy Kilian

**22-13s-17w Ellis, KS**

**Romme #1**

Job Ticket: 041755

**DST#: 3**

Test Start: 2013.08.26 @ 17:37:25

## GENERAL INFORMATION:

Formation: **Toronto - LKC B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:33:55

Time Test Ended: 01:28:25

Test Type: Conventional Straddle (Reset)

Tester: Jeff Brown

Unit No: 67

**Interval: 3251.00 ft (KB) To 3336.00 ft (KB) (TVD)**

Total Depth: 3412.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1998.00 ft (KB)

1991.00 ft (CF)

KB to GR/CF: 7.00 ft

**Serial #: 6625 Inside**

Press @ Run Depth: 153.51 psig @ 3322.00 ft (KB)

Start Date: 2013.08.26

End Date: 2013.08.27

Start Time: 17:37:26

End Time: 01:23:25

Capacity: 8000.00 psig

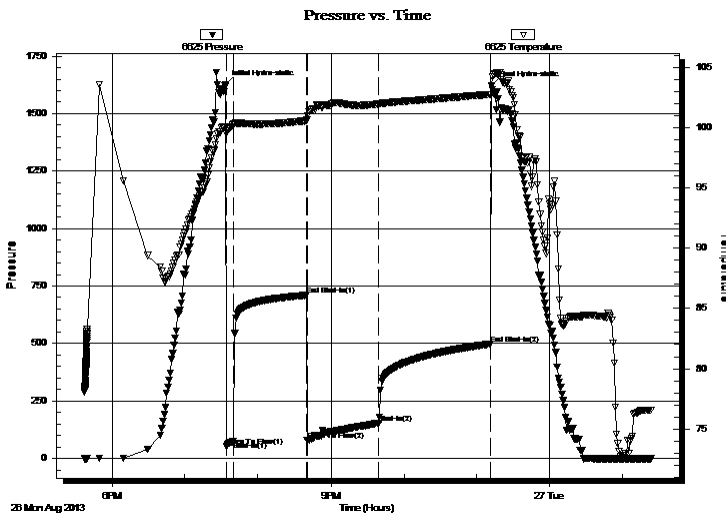
Last Calib.: 2013.08.27

Time On Btm: 2013.08.26 @ 19:33:25

Time Off Btm: 2013.08.26 @ 23:11:55

**TEST COMMENT:** IFP=Fair blow built to 4 1/2 min  
 ISI=Dead no blow back  
 FFP=Good blow BOB in 19 min  
 FSI=Dead no blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1626.02	100.00	Initial Hydro-static
1	50.94	99.49	Open To Flow (1)
7	73.48	100.31	Shut-In(1)
67	709.80	100.59	End Shut-In(1)
67	77.59	100.68	Open To Flow (2)
126	153.51	101.98	Shut-In(2)
218	497.72	102.77	End Shut-In(2)
219	1622.43	103.47	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
126.00	GWM With Oil Speckles 5%G 45%M 55%	1.49
104.00	Mud With Oil Speckles	1.46

## Gas Rates

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

\* Recovery from multiple tests







**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

DaMar Resources Inc  
 PO Box 70  
 Hays KS 67601-3805  
 ATTN: Randy Kilian

**22-13s-17w Ellis,KS**  
**Romme #1**  
 Job Ticket: 041755 **DST#: 3**  
 Test Start: 2013.08.26 @ 17:37:25

**Tool Information**

Drill Pipe:	Length: 3221.00 ft	Diameter: 3.80 inches	Volume: 45.18 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 22000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 54000.00 lb
			<u>Total Volume: 45.33 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3251.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	3336.00 ft			
Interval between Packers:	85.00 ft			
Tool Length:	184.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

<b>Tool Description</b>	<b>Length (ft)</b>	<b>Serial No.</b>	<b>Position</b>	<b>Depth (ft)</b>	<b>Accum. Lengths</b>
-------------------------	--------------------	-------------------	-----------------	-------------------	-----------------------

Change Over Sub	1.00			3229.00	
Shut In Tool	5.00			3234.00	
Hydraulic tool	5.00			3239.00	
Safety Joint	3.00			3242.00	
Packer	4.00			3246.00	23.00 Bottom Of Top Packer
Packer	5.00			3251.00	
Stubb	1.00			3252.00	
Perforations	5.00			3257.00	
Change Over Sub	1.00			3258.00	
Drill Pipe	63.00			3321.00	
Change Over Sub	1.00			3322.00	
Recorder	0.00	6625	Inside	3322.00	
Recorder	0.00	8679	Outside	3322.00	
Perforations	10.00			3332.00	
Blank Off Sub	1.00			3333.00	
Stubb	3.00			3336.00	85.00 Tool Interval
Packer	1.00			3337.00	
Stubb	1.00			3338.00	
Perforations	6.00			3344.00	
Recorder	0.00	8167	Below	3344.00	
Change Over Sub	1.00			3345.00	
Drill Pipe	63.00			3408.00	
Change Over Sub	1.00			3409.00	
Bullnose	3.00			3412.00	76.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>184.00</b>				



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

DaMar Resources Inc  
PO Box 70  
Hays KS 67601-3805  
ATTN: Randy Kilian

**22-13s-17w Ellis,KS**  
**Romme #1**  
Job Ticket: 041755      **DST#: 3**  
Test Start: 2013.08.26 @ 17:37:25

## 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: 56.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.98 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: inches			

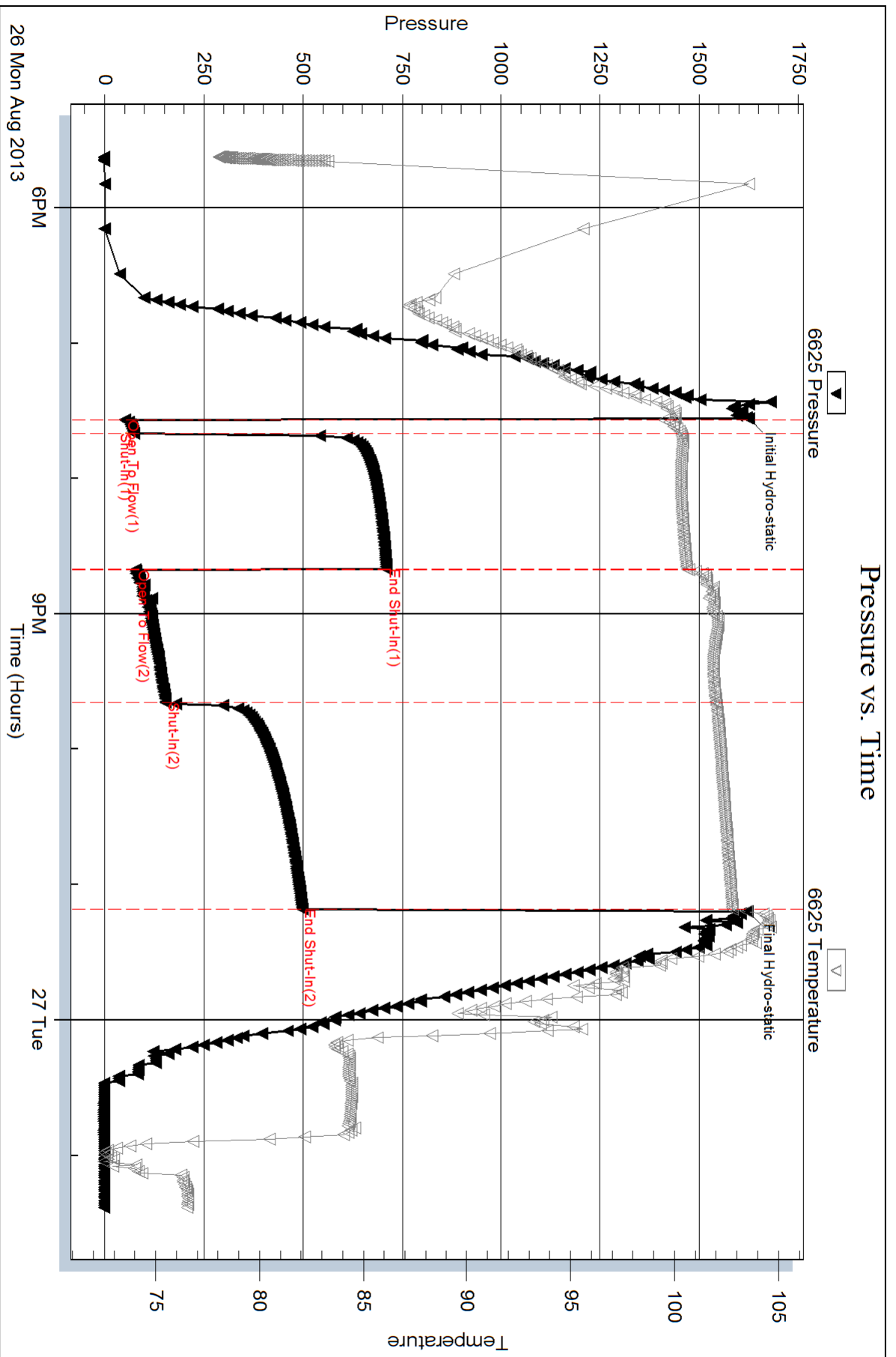
## Recovery Information

Recovery Table

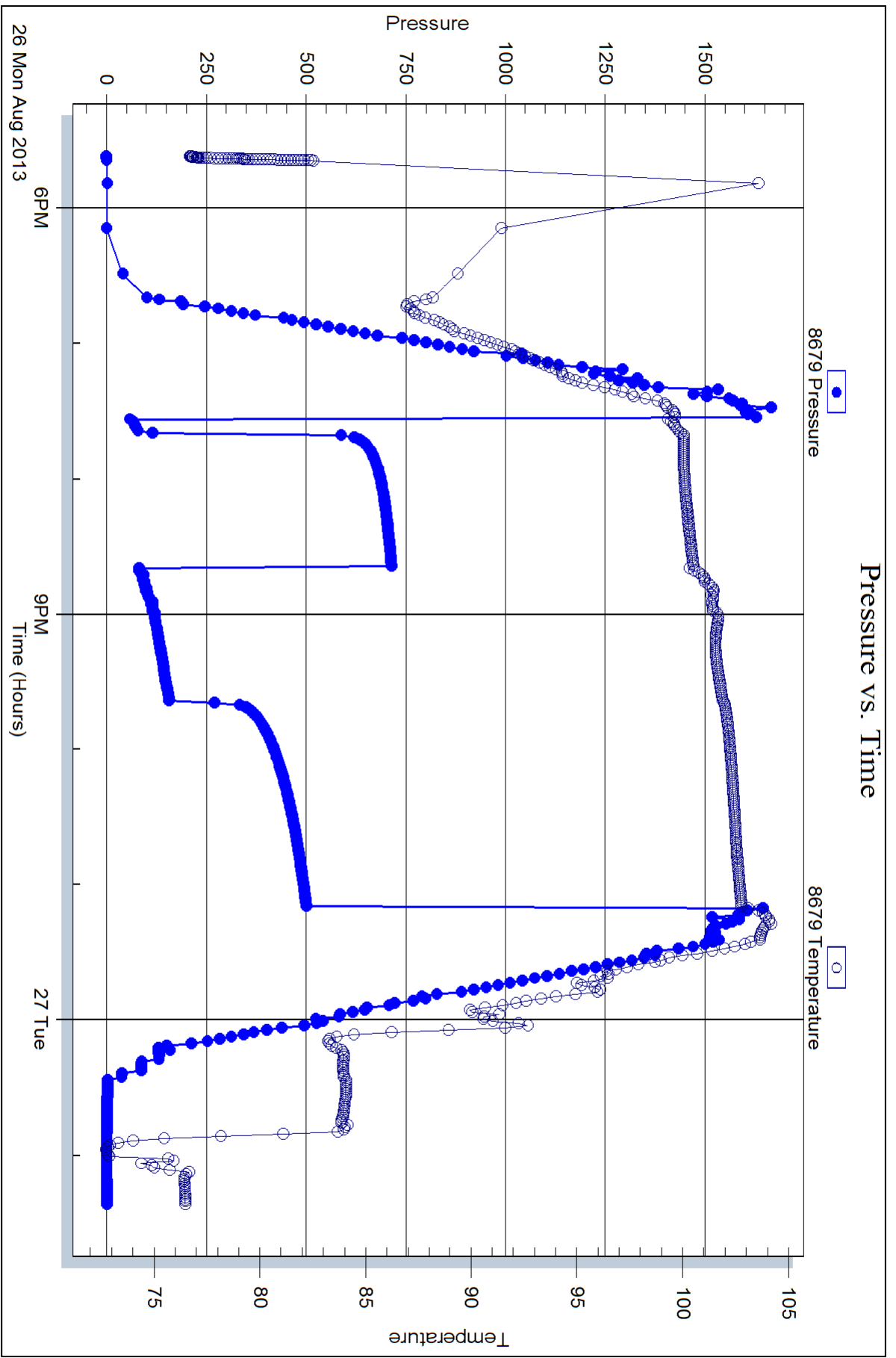
Length ft	Description	Volume bbl
126.00	GWM With Oil Speckles 5%G 45%M 55%W	1.494
104.00	Mud With Oil Speckles	1.459

Total Length: 230.00 ft      Total Volume: 2.953 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:











## DRILL STEM TEST REPORT

Prepared For: **DaMar Resources Inc**

PO Box 70  
Hays KS 67601-3805

ATTN: Randy Kilian

### **Romme #1**

#### **22-13s-17w Ellis,KS**

Start Date: 2013.08.27 @ 11:51:33

End Date: 2013.08.27 @ 18:03:03

Job Ticket #: 041757                      DST #: 4

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

Printed: 2013.09.04 @ 11:41:21

DaMar Resources Inc  
22-13s-17w Ellis,KS  
Romme #1  
DST # 4  
LKC-H-L  
2013.08.27



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

DaMar Resources Inc  
 PO Box 70  
 Hays KS 67601-3805  
 ATTN: Randy Kilian

**22-13s-17w Ellis,KS**

**Romme #1**

Job Ticket: 041757

**DST#: 4**

Test Start: 2013.08.27 @ 11:51:33

## GENERAL INFORMATION:

Formation: **LKC H-L**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 13:54:33  
 Time Test Ended: 18:03:03  
 Interval: **3422.00 ft (KB) To 3530.00 ft (KB) (TVD)**  
 Total Depth: 3530.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Jeff Brown  
 Unit No: 67  
 Reference Elevations: 1998.00 ft (KB)  
 1991.00 ft (CF)  
 KB to GR/CF: 7.00 ft

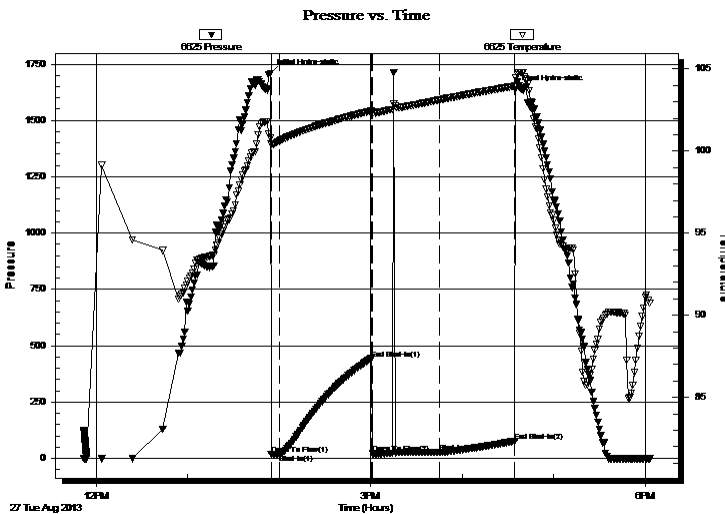
**Serial #: 6625**

**Outside**

Press @ Run Depth: 27.05 psig @ 3522.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2013.08.27 End Date: 2013.08.27 Last Calib.: 2013.08.27  
 Start Time: 11:51:34 End Time: 18:03:03 Time On Btm: 2013.08.27 @ 13:54:03  
 Time Off Btm: 2013.08.27 @ 16:35:03

**TEST COMMENT:** IFP=Weak blow built to 1/4 in  
 ISI=Dead no blow back  
 FFP=Weak blow died out in 8 min - Flushed tool - Weak surface blow then died  
 FSI=Dead no blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1706.68	100.79	Initial Hydro-static
1	17.35	100.45	Open To Flow (1)
6	18.90	100.60	Shut-In(1)
67	442.50	102.44	End Shut-In(1)
67	20.63	102.39	Open To Flow (2)
111	27.05	103.11	Shut-In(2)
161	76.97	103.95	End Shut-In(2)
161	1635.86	104.46	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud	0.05

## Gas Rates

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

\* Recovery from multiple tests





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

DaMar Resources Inc

**22-13s-17w Ellis,KS**

PO Box 70  
Hays KS 67601-3805

**Romme #1**

Job Ticket: 041757

**DST#: 4**

ATTN: Randy Kilian

Test Start: 2013.08.27 @ 11:51:33

## Tool Information

Drill Pipe:	Length: 3378.00 ft	Diameter: 3.80 inches	Volume: 47.38 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	58000.00 lb
			<u>Total Volume: 47.53 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial	44000.00 lb
Depth to Top Packer:	3422.00 ft			Final	44000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	108.00 ft				
Tool Length:	131.00 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			3400.00	
Shut In Tool	5.00			3405.00	
Hydraulic tool	5.00			3410.00	
Safety Joint	3.00			3413.00	
Packer	4.00			3417.00	23.00 Bottom Of Top Packer
Packer	5.00			3422.00	
Stubb	1.00			3423.00	
Perforations	3.00			3426.00	
Change Over Sub	1.00			3427.00	
Drill Pipe	94.00			3521.00	
Change Over Sub	1.00			3522.00	
Recorder	0.00	6625	Outside	3522.00	
Recorder	0.00	8679	Inside	3522.00	
Perforations	5.00			3527.00	
Bullnose	3.00			3530.00	108.00 Bottom Packers & Anchor

**Total Tool Length: 131.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

DaMar Resources Inc  
PO Box 70  
Hays KS 67601-3805  
ATTN: Randy Kilian

**22-13s-17w Ellis,KS**  
**Romme #1**  
Job Ticket: 041757      **DST#: 4**  
Test Start: 2013.08.27 @ 11:51:33

## 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: 56.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.98 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: inches			

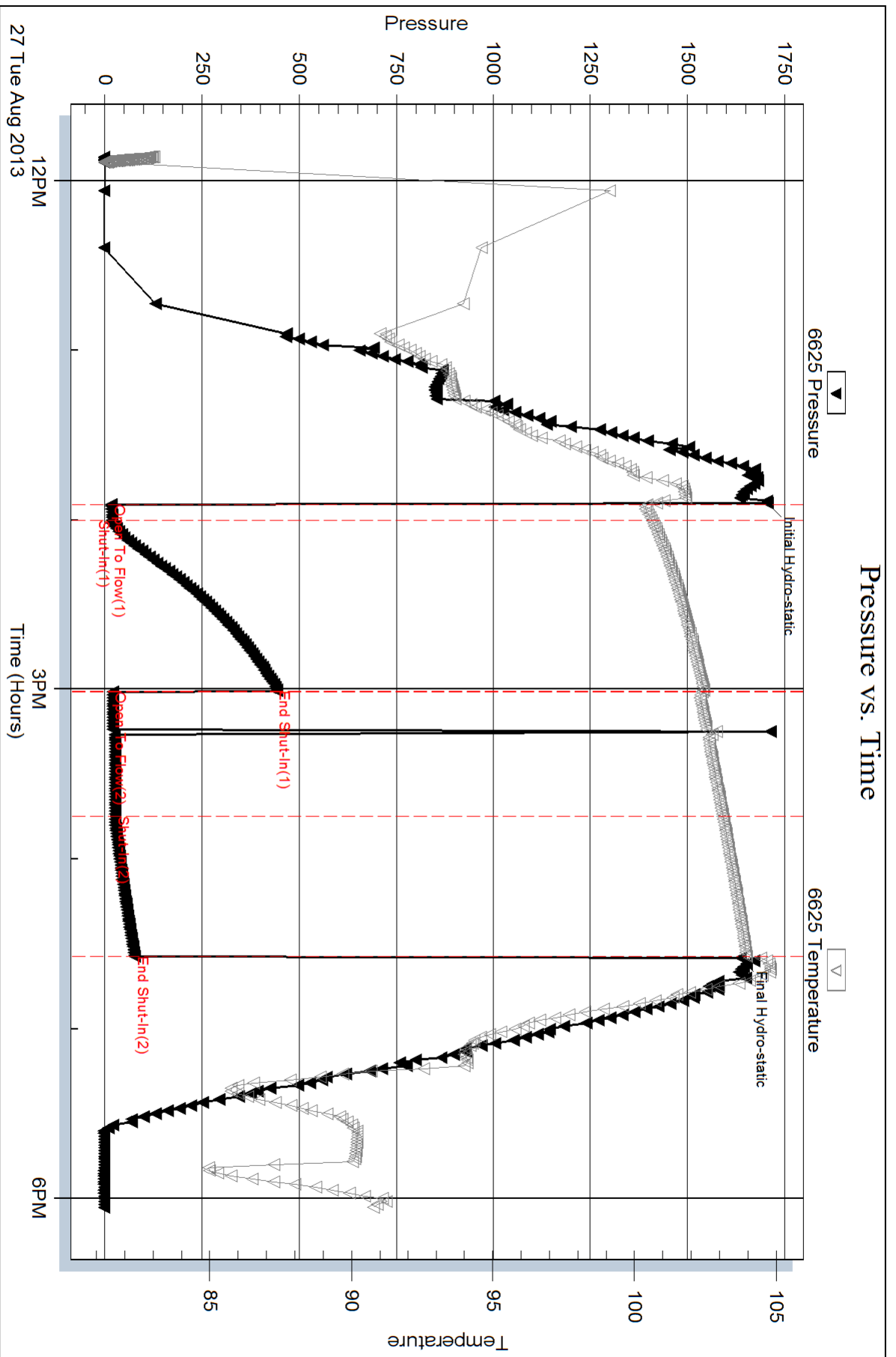
## Recovery Information

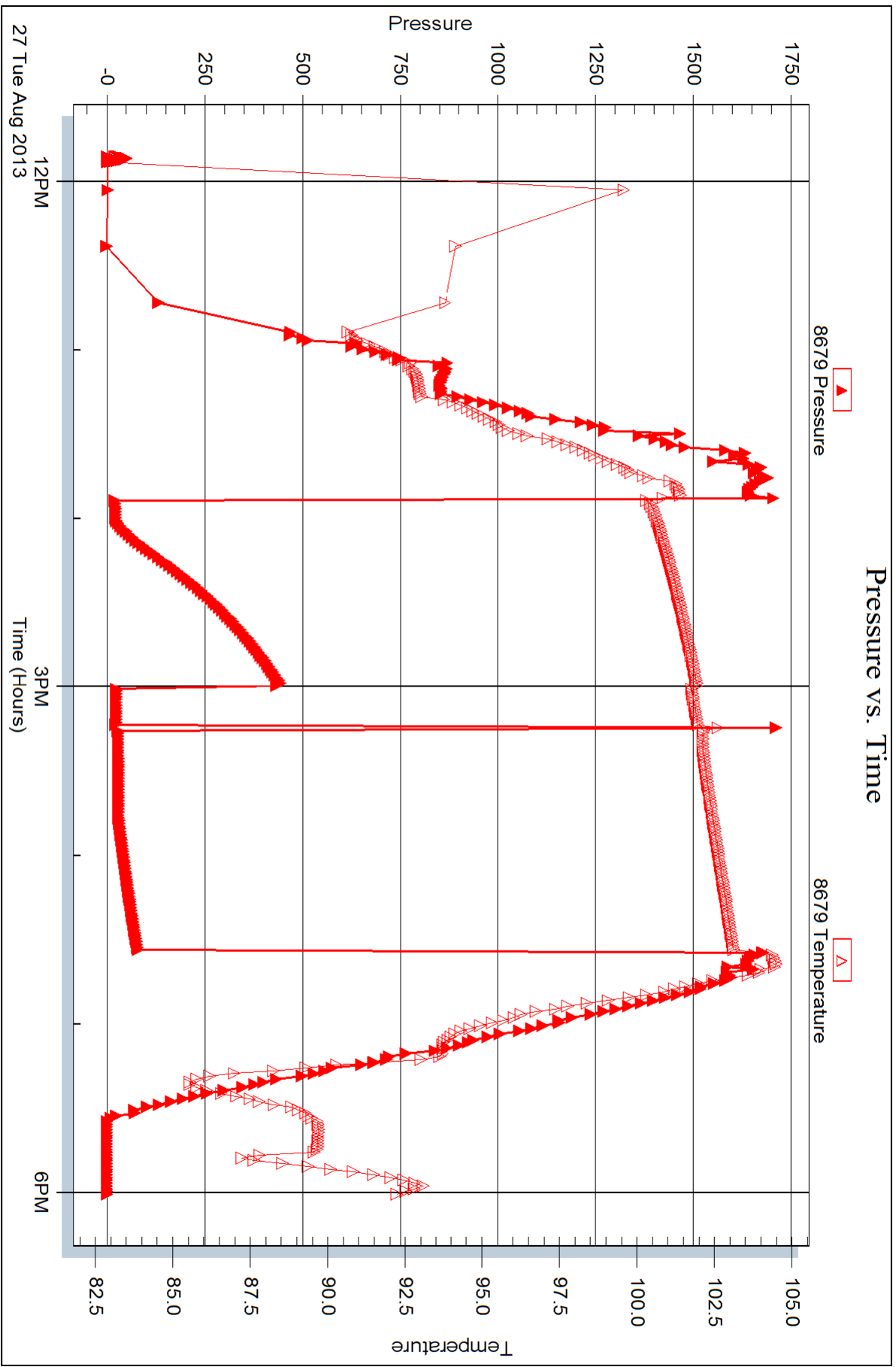
Recovery Table

Length ft	Description	Volume bbl
10.00	Mud	0.049

Total Length: 10.00 ft      Total Volume: 0.049 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:









## DRILL STEM TEST REPORT

Prepared For: **DaMar Resources Inc**

PO Box 70  
Hays KS 67601-3805

ATTN: Randy Kilian

### **Romme #1**

#### **22-13s-17w Ellis,KS**

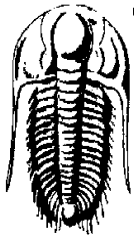
Start Date: 2013.08.28 @ 07:26:19

End Date: 2013.08.28 @ 16:20:19

Job Ticket #: 041758                      DST #: 5

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

Printed: 2013.09.04 @ 11:39:14



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

DaMar Resources Inc  
PO Box 70  
Hays KS 67601-3805  
ATTN: Randy Kilian

**22-13s-17w Ellis,KS**

**Romme #1**

Job Ticket: 041758

**DST#: 5**

Test Start: 2013.08.28 @ 07:26:19

## GENERAL INFORMATION:

Formation: **Arbucle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:06:49

Time Test Ended: 16:20:19

Test Type: Conventional Straddle (Reset)

Tester: Jeff Brown

Unit No: 67

**Interval: 3530.00 ft (KB) To 3570.00 ft (KB) (TVD)**

Total Depth: 3629.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1998.00 ft (KB)

1991.00 ft (CF)

KB to GR/CF: 7.00 ft

**Serial #: 6625 Inside**

Press @ Run Depth: 670.19 psig @ 3531.00 ft (KB)

Start Date: 2013.08.28

End Date:

2013.08.28

Start Time: 07:26:20

End Time:

16:17:19

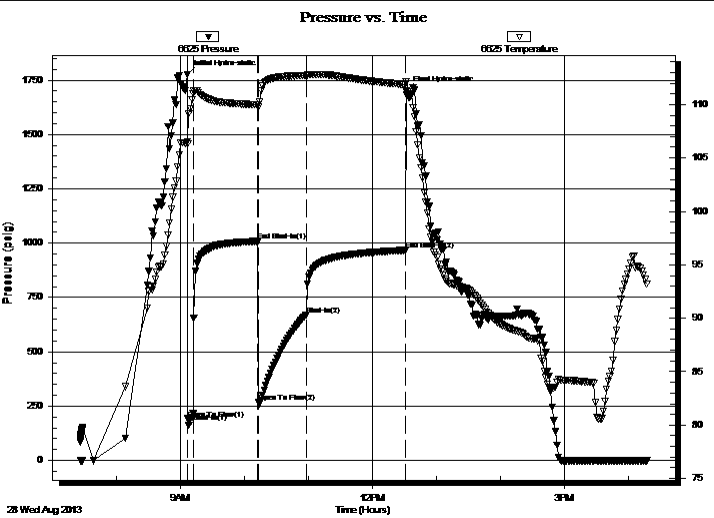
Capacity: 8000.00 psig

Last Calib.: 2013.08.28

Time On Btm: 2013.08.28 @ 09:06:19

Time Off Btm: 2013.08.28 @ 12:31:19

**TEST COMMENT:** IFP=Strong blow BOB in 45 sec  
ISI=Good blow back BOB in 24 min  
FFP=Strong blow BOB in 45 sec  
FSI=Fair blow Built to 8 in died back to 2 in



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1776.50	106.49	Initial Hydro-static
1	191.20	106.33	Open To Flow (1)
6	215.86	111.00	Shut-In(1)
66	1008.59	109.96	End Shut-In(1)
67	269.10	109.74	Open To Flow (2)
112	670.19	112.70	Shut-In(2)
204	967.22	111.86	End Shut-In(2)
205	1700.03	112.17	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
125.00	MCO 30%M 70%O	1.48
1657.00	Gassy Oil 25%G 75%O	23.24
0.00	720-GIP	0.00

\* Recovery from multiple tests

## Gas Rates

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







**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

DaMar Resources Inc  
PO Box 70  
Hays KS 67601-3805  
ATTN: Randy Kilian

**22-13s-17w Ellis,KS**  
**Romme #1**  
Job Ticket: 041758      **DST#: 5**  
Test Start: 2013.08.28 @ 07:26:19

**Tool Information**

Drill Pipe:	Length: 3504.00 ft	Diameter: 3.80 inches	Volume: 49.15 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 56000.00 lb
			<u>Total Volume: 49.30 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3530.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	3570.00 ft			
Interval between Packers:	40.00 ft			
Tool Length:	127.00 ft			
Number of Packers:	2	Diameter:	6.75 inches	

Tool Comments:

<b>Tool Description</b>	<b>Length (ft)</b>	<b>Serial No.</b>	<b>Position</b>	<b>Depth (ft)</b>	<b>Accum. Lengths</b>
-------------------------	--------------------	-------------------	-----------------	-------------------	-----------------------

<b>Tool Description</b>	<b>Length (ft)</b>	<b>Serial No.</b>	<b>Position</b>	<b>Depth (ft)</b>	<b>Accum. Lengths</b>
Change Over Sub	1.00			3503.00	
Shut In Tool	5.00			3508.00	
Hydraulic tool	5.00			3513.00	
Jars	5.00			3518.00	
Safety Joint	3.00			3521.00	
Packer	4.00			3525.00	28.00      Bottom Of Top Packer
Packer	5.00			3530.00	
Stubb	1.00			3531.00	
Recorder	0.00	6625	Inside	3531.00	
Recorder	0.00	8679	Outside	3531.00	
Perforations	35.00			3566.00	
Blank Off Sub	1.00			3567.00	
Stubb	3.00			3570.00	40.00      Tool Interval
Packer	1.00			3571.00	
Stubb	1.00			3572.00	
Recorder	0.00	8167	Below	3572.00	
Perforations	21.00			3593.00	
Change Over Sub	1.00			3594.00	
Drill Pipe	31.00			3625.00	
Change Over Sub	1.00			3626.00	
Bullnose	3.00			3629.00	59.00      Bottom Packers & Anchor

**Total Tool Length: 127.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

DaMar Resources Inc  
PO Box 70  
Hays KS 67601-3805  
ATTN: Randy Kilian

**22-13s-17w Ellis,KS**  
**Romme #1**  
Job Ticket: 041758      **DST#: 5**  
Test Start: 2013.08.28 @ 07:26:19

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 27 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl	
Water Loss: 8.79 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 6500.00 ppm		
Filter Cake: inches		

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
125.00	MCO 30%M 70%O	1.480
1657.00	Gassy Oil 25%G 75%O	23.243
0.00	720-GIP	0.000

Total Length: 1782.00 ft      Total Volume: 24.723 bbl

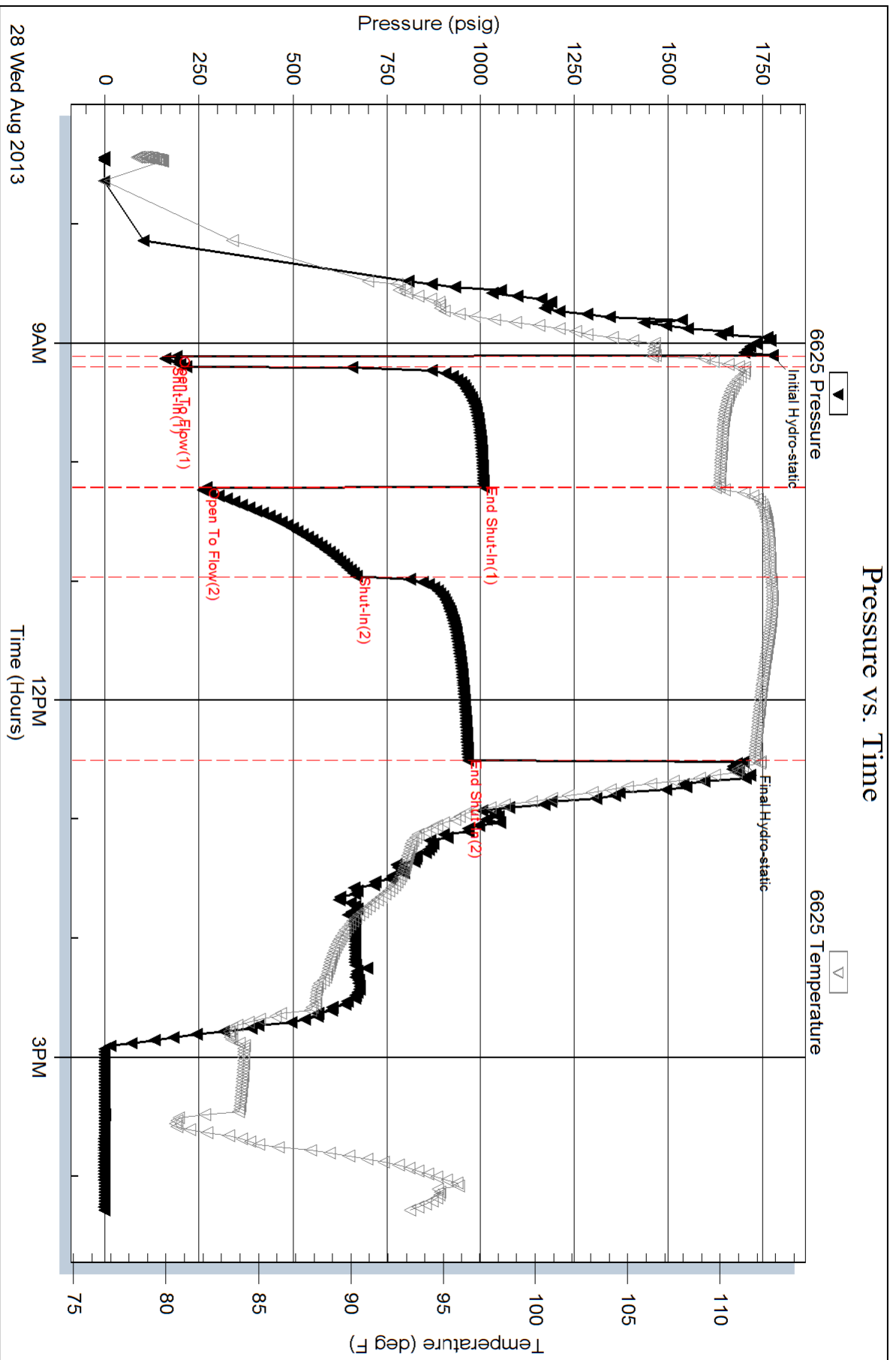
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

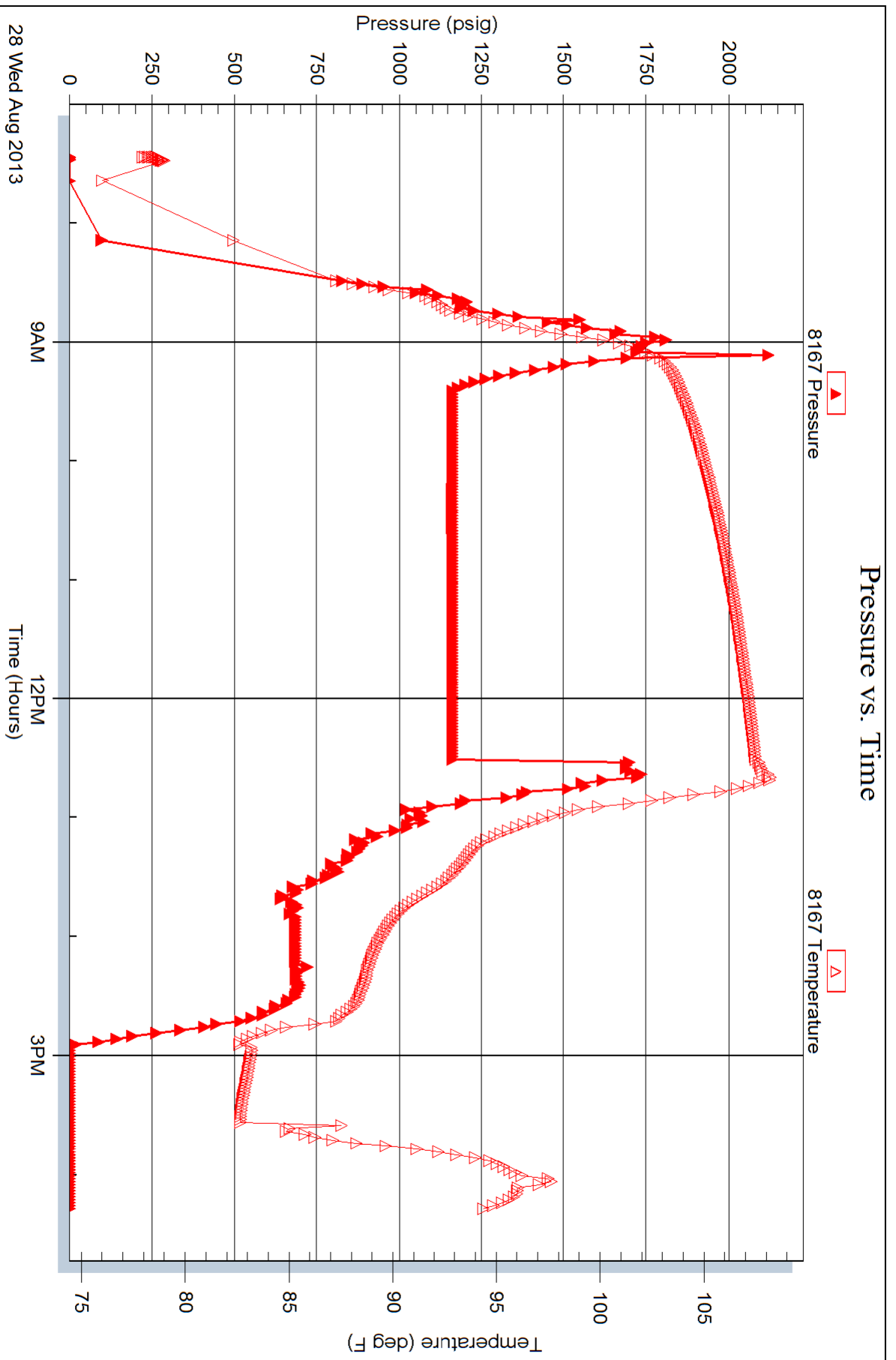
Laboratory Name:      Laboratory Location:

Recovery Comments:



# Pressure vs. Time





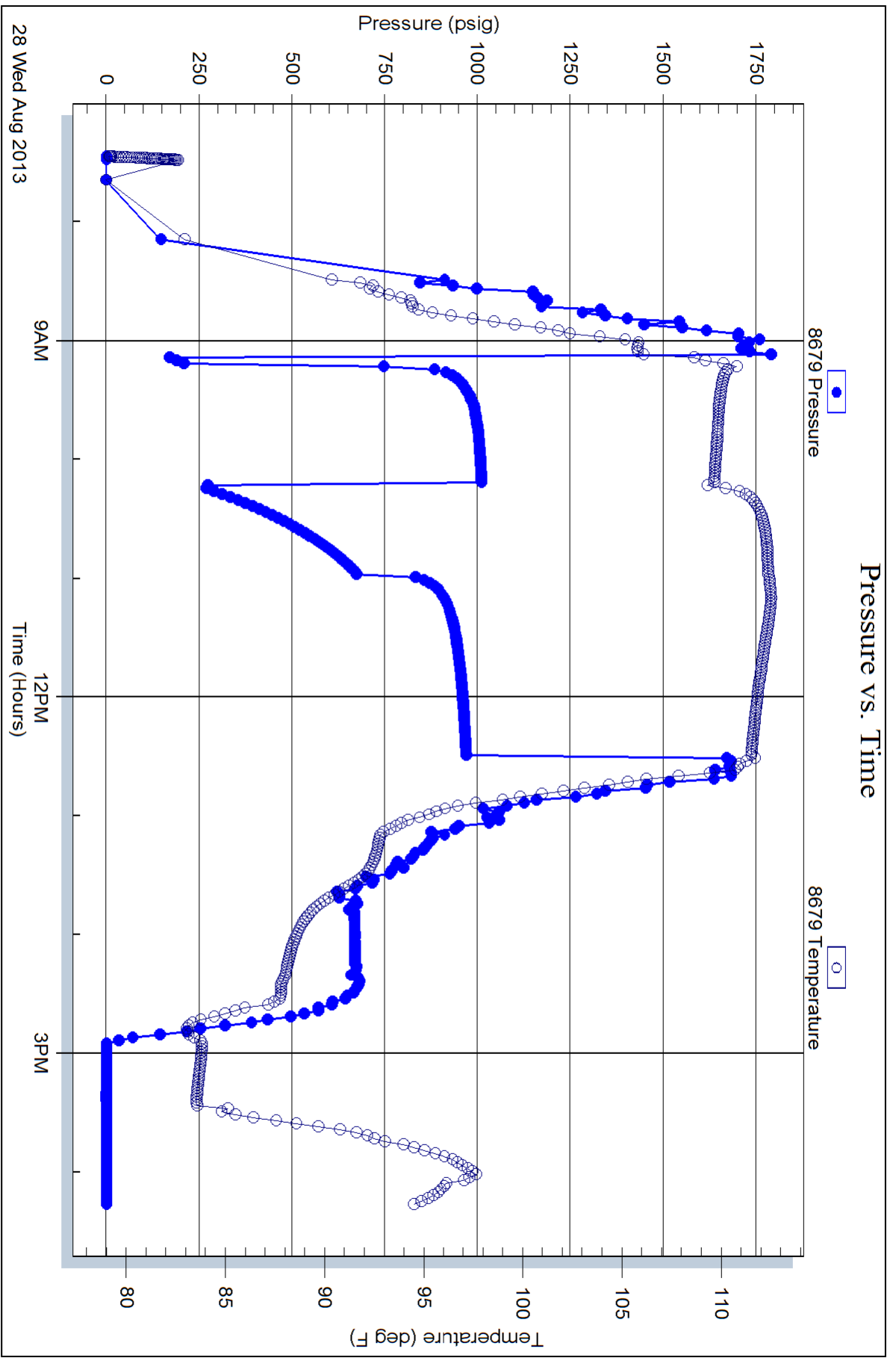
Serial #: 8679

Outside

DaMar Resources Inc

Romme #1

DST Test Number: 5



Trilobite Testing, Inc

Ref. No: 041758

Printed: 2013.09.04 @ 11:39:16



# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 041753

Well Name & No. Romme #1 Test No. 1 Date 8-25-13  
 Company Damar Resources INC Elevation 1998 KB 1991 GL  
 Address PO Box 70 Hays KS 67601 + 3805  
 Co. Rep / Geo. Randy Kilian Rig Discovery #2  
 Location: Sec. 22 Twp. 13 S Rge. 17 W Co. ELLIS State KS

Interval Tested 3252-3340 Zone Tested Tor - LKC - "C"  
 Anchor Length 88 Drill Pipe Run 3221 Mud Wt. 8.5  
 Top Packer Depth 3247 Drill Collars Run 30 Vis 600  
 Bottom Packer Depth 3252 Wt. Pipe Run 0 WL 8.0  
 Total Depth 3340 Chlorides 2500 ppm System LCM 3 #

Blow Description FF-Fair Blow Bu:IT TO 8 IN  
1st-Weak Surface Blow Back died OUT IN 12 min  
FF-Fair Blow Bu:IT TO 9 IN  
1st-Dead NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>172</u>	<u>Mud with oil spots</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 172 BHT Gravity API RW @ °F Chlorides ppm

(A) Initial Hydrostatic 1603  Test 1150 T-On Location 1:40  
 (B) First Initial Flow 55  Jars T-Started 2:37  
 (C) First Final Flow 83  Safety Joint 75 T-Open 4:52  
 (D) Initial Shut-In 720  Circ Sub T-Pulled 8:27  
 (E) Second Initial Flow 98  Hourly Standby T-Out 10:38  
 (F) Second Final Flow 567  Mileage 12 RT 18.60 Comments  
 (G) Final Shut-In 640  Sampler  Ruined Shale Packer  
 (H) Final Hydrostatic 1539  Straddle  Ruined Packer  
 Shale Packer  Extra Copies

Initial Open 5  Extra Packer  
 Initial Shut-In 60  Extra Recorder  
 Final Flow 60  Day Standby  
 Final Shut-In 90  Accessibility

Sub Total 1243.60  
 Sub Total 1243.60  
 Total 1243.60  
 MP/DST Disc't

Approved By \_\_\_\_\_ Our Representative Jeff Brown

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. 041754

Well Name & No. Romme #1 Test No. 2 Date 8-25-13  
 Company Damar Resources INC Elevation 1998 KB 1991 GL  
 Address Po Box 70 Hays KS 67601 + 3805  
 Co. Rep / Geo. Randy Kilian Rig Discovery #2  
 Location: Sec. 22 Twp. 13s Rge. 17W Co. ELLIS State KS

Interval Tested 3310-3412 Zone Tested LKC-C-G  
 Anchor Length 102 Drill Pipe Run 3284 Mud Wt. 9.1  
 Top Packer Depth 3305 Drill Collars Run 30 Vis 44  
 Bottom Packer Depth 3310 Wt. Pipe Run 0 WL 8.8  
 Total Depth 3412 Chlorides 5500 ppm System LCM 2

Blow Description FP-Weak Blow Built to 1 IN  
1st-Dead No Blow Back  
FP-Weak Blow Built to 1 IN in 30 min Flushed Tool Weak Blow Built to 3/4 IN  
1st-Dead No Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>55</u>	<u>MUD WITH A Scum of oil</u>				
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 55 BHT Gravity API RW @ ° F Chlorides ppm

(A) Initial Hydrostatic 11654  Test 1150 T-On Location 18:07  
 (B) First Initial Flow 47  Jars T-Started 18:13  
 (C) First Final Flow 55  Safety Joint 75 T-Open 19:46  
 (D) Initial Shut-In 442  Circ Sub T-Pulled 23:21  
 (E) Second Initial Flow 57  Hourly Standby T-Out 1:43  
 (F) Second Final Flow 70  Mileage 18.60 Comments  
 (G) Final Shut-In 407  Sampler  
 (H) Final Hydrostatic 11639  Straddle  Ruined Shale Packer  
 Shale Packer  Ruined Packer  
 Extra Packer  Extra Copies  
 Extra Recorder Sub Total 0  
 Day Standby Total 1243.60  
 Accessibility MP/DST Disc't  
 Sub Total 1243.60

Approved By \_\_\_\_\_ Our Representative Jeff Brown

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# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 041756

4/10

Well Name & No. Romme #1 Test No. 3 Date 8-26-13  
 Company Damar Resources INC Elevation 1998 KB 1991 GL  
 Address PO Box 70 Hays KS 67601 + 3805  
 Co. Rep / Geo. Randy Kilian Rig Discovery #2  
 Location: Sec. 22 Twp. 13S Rge. 17W Co. ELLIS State KS

Interval Tested 3251-3336 Zone Tested Tol-LKC-A-B  
 Anchor Length 85' Anchor 76' Tail Drill Pipe Run 3221 Mud Wt. 9.2  
 Top Packer Depth 3246 Drill Collars Run 30 Vis 5L  
 Bottom Packer Depth 3251 Wt. Pipe Run 0 WL 8.0  
 Total Depth 3412 Chlorides 5000 ppm System LCM 1 1/2

Blow Description FP-Fair Blow Built TO 4 1/2 IN  
ISI-Dead NO Blow Back  
FP-GOOD Blow BOB IN 19 min  
FST-Dead NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>126</u>	<u>Feet of GMW with oil speckles 5</u>			<u>50%</u>	<u>45%</u>
<u>104</u>	<u>Feet of Mud with oil speckles</u>				
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 230 BHT 103 Gravity \_\_\_\_\_ API RW 1163 @ 74.7 °F Chlorides 43,000 ppm  
 (A) Initial Hydrostatic 11626  Test 1150 T-On Location 17:15  
 (B) First Initial Flow 51  Jars \_\_\_\_\_ T-Started 17:37  
 (C) First Final Flow 73  Safety Joint \_\_\_\_\_ T-Open 19:35  
 (D) Initial Shut-In 710  Circ Sub \_\_\_\_\_ T-Pulled 23:10  
 (E) Second Initial Flow 78  Hourly Standby \_\_\_\_\_ T-Out 1:28  
 (F) Second Final Flow 154  Mileage 18.60 Comments \_\_\_\_\_  
 (G) Final Shut-In 498  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 11622  Straddle 600  Ruined Shale Packer \_\_\_\_\_

Initial Open 5  Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Initial Shut-In 60  Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Final Flow 400  Extra Recorder \_\_\_\_\_ Sub Total 0  
 Final Shut-In 90  Day Standby \_\_\_\_\_ Total 1768.60  
 Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Sub Total 1768.60

Approved By \_\_\_\_\_ Our Representative Jeff Brown

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# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 041757

Well Name & No. Romme #1 Test No. 4 Date 8-27-13  
 Company Damar Resources INC Elevation 1998 KB 1991 GL  
 Address PoBox 70 Hays KS 67601 + 3805  
 Co. Rep / Geo. Randy Kilian Rig Discovery #2  
 Location: Sec. 22 Twp. 13 S Rge. 17 W Co. ELLIS State KS

Interval Tested 3422-3530 Zone Tested LKC-H-L  
 Anchor Length 108 Drill Pipe Run 3378 Mud Wt. 9.2  
 Top Packer Depth 3417 Drill Collars Run 30 Vis 56  
 Bottom Packer Depth 3422 Wt. Pipe Run 0 WL 8.0  
 Total Depth 3530 Chlorides 5000 ppm System LCM 1 1/2

Blow Description FF-Weak Blow By IT TO 1/4 IN  
IS-Dead NO Blow Back  
FF-Weak Blow Died out in 8 min Flushed Tool Weak surface Blow Then Died  
IS-Dead No Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>MUD</u>				
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 10 BHT 104 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 1707  Test 1150 T-On Location 11:40  
 (B) First Initial Flow 17  Jars \_\_\_\_\_ T-Started 11:51  
 (C) First Final Flow 19  Safety Joint \_\_\_\_\_ T-Open 13:55  
 (D) Initial Shut-In 443  Circ Sub \_\_\_\_\_ T-Pulled 16:30  
 (E) Second Initial Flow 21  Hourly Standby \_\_\_\_\_ T-Out 18:02  
 (F) Second Final Flow 27  Mileage 18.60 Comments \_\_\_\_\_  
 (G) Final Shut-In 77  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1434  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_

Initial Open 5  
 Initial Shut-In 200  
 Final Flow \_\_\_\_\_  
 Final Shut-In \_\_\_\_\_  
 Sub Total 0 Total 1168.60  
 Sub Total 1168.60 MP/DST Disc't \_\_\_\_\_

Approved By \_\_\_\_\_ Our Representative Jeff Brown

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# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 041758

4/10

Well Name & No. Romme #1 Test No. 5 Date 8-28-13  
 Company Damar Resources INC Elevation 1998 KB 1991 GL  
 Address Po Box 70 Hays KS 67601 + 3805  
 Co. Rep / Geo. Randy Kilian Rig Discovery #2  
 Location: Sec. 22 Twp. 13S Rge. 17W Co. ELLIS State KS

Interval Tested 3530-3570 Zone Tested ArBuckle  
 Anchor Length 40' Anchor 59' Tail Drill Pipe Run 3504 Mud Wt. 9.2  
 Top Packer Depth 3525 Drill Collars Run 30 Vis 52  
 Bottom Packer Depth 3530 Wt. Pipe Run 0 WL 8.8  
 Total Depth 3629 Chlorides 4500 ppm System LCM 3

Blow Description FF-Strong Blow BOB IN 45 sec  
IS- Good Blow back BOB IN 24 min  
FF-Strong Blow BOB IN 45 sec  
FS- Fair Blow Built TO 8 IN DieD Back TO 2 IN

Rec	Feet of	%gas	%oil	%water	%mud
<u>125</u>	<u>MCO</u>	<u>70</u>	<u>30</u>		
<u>1457</u>	<u>Gassy oil</u>	<u>25</u>	<u>75</u>		
	<u>720 - GIP</u>				

Rec Total 1782 BHT 112 Gravity 27 API RW @ \_\_\_\_\_ ° F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 1777  Test 1150 T-On Location 6:01/6:57  
 (B) First Initial Flow 191  Jars \_\_\_\_\_ T-Started 7:24  
 (C) First Final Flow 216  Safety Joint \_\_\_\_\_ T-Open 9:07  
 (D) Initial Shut-In 1009  Circ Sub 50 T-Pulled 12:27  
 (E) Second Initial Flow 269  Hourly Standby \_\_\_\_\_ T-Out 16:20  
 (F) Second Final Flow 470  Mileage 18.60 Comments \_\_\_\_\_  
 (G) Final Shut-In 967  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1700  Straddle 600  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer 320  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_

Initial Open 5  
 Initial Shut-In 60  
 Final Flow 45  
 Final Shut-In 90

Sub Total 1818.60

Sub Total 0  
 Total 2138.60  
 MP/DST Disc't \_\_\_\_\_

Approved By \_\_\_\_\_ Our Representative Jeff Brown

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



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

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

Sam Brownback, Governor

January 15, 2014

Curtis R Longpine  
DaMar Resources, Inc.  
234 W 11TH STE A  
PO BOX 70  
HAYS, KS 67601-3805

Re: ACO-1  
API 15-051-26586-00-00  
Romme 1  
SW/4 Sec.22-13S-17W  
Ellis County, Kansas

Dear Curtis R Longpine:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 08/20/2013 and the ACO-1 was received on January 13, 2014 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department