



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1190468
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: _____

1190468

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
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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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
--	---	---

Randall Kilian Corporation
Geologist



**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 Windholz #1
FIELD Bemis-Shutts
LOCATION (legal) Ap. NW NE SE SW
(1155' FSL & 2080' FWL)
Section 3 TWP 12 S RGE 17 W
(Map) 1 mi E & 6 1/4 mi N of Catherine
COUNTY Ellis STATE Kansas
ELEVATION: 2135' K.B., 2130' G.L.
Depths measured from Kelly Bushing
A. P. I. NUMBER 15-051-26617
GEOLOGY BY Randall Kilian

PERTINENT WELL DATA

CONTRACTOR Murfin Drilling Co., Inc (30606)
RIG #16 HYDRAULICS D-375 6x14x60
(Andy Dinkel TP)
DRILL PIPE 4 1/2" X-H COLLARS 6 1/2 17 (505')
CASING: SURFACE 8 5/8" @ 304' w/ 170 sx Common
PRODUCTION _____
DRILLING FLUID: COMPANY Andy's Mud & Chemical Co.
(Rector-Martinez)
TYPE: Chemical
REMARKS: Full service
DRILL STEM TESTS: COMPANY Trilobite Testing Inc.
(Brannan L.)
NUMBER OF TESTS Three (3)
ELECTIC LOGS: COMPANY Pioneer Energy Services
DETAIL (5") 3000' - RTD
TYPE DI, Comp N-D, Micro
DRILLING TIME FROM 3000' TO RTD
SAMPLE TIME FROM 3000' TO RTD
SUPERVISION FROM 3000' TO RTD
VERTICAL DEVIATION 1/4" @ 305', 1" @ 3428', 1" @ TD
PLUGGING REPORT 50 sx @ 3596', 25 @ 1363', 100 @ 780', 40 @
354', 10 @ 40', 30 Rat, 15 Mouse, 270 sx 60/40 Poz. Ray Dinkel
RESERVE PIT 600 bbls., Chl. 78,000 Ca 800

DAILY REPORT

DATE: **7 a.m.** Depth **RIG ACTIVITY**

10-3-13		MTRU, Spud
10-4-13	375'	Drilling under surface
10-5-13	2250'	Drilling shale & sand
10-6-13	3090'	Drilling Topeka lime
10-7-13	3428'	Drilling LKc lime
10-8-13	3713'	TD, Logging, DST #3
10-9-13	3713'	P&A

DRILL STEM TESTS

NO	INTERVAL	IFP/TIME	ISIP/TIME	FFP/TIME	FSIP/TIME	IHP/FHP	RECOVERY
1	Top-D 3311- 3428'	35# 47# 5"	602# 60"	55# 106# 60"	546# 90"	1630# 1580#	195' M, wtr w/ s.o.
2	LKc F-L 3421- 3590'	22# 25# 5"	554# 60"	27# 37# 45"	422# 60"	1709# 1693#	40' Mud
3	Arb. 3585- 3648'	22# 23# 5"	543# 60"	25# 32# 50"	182# 45"	1823# 1778#	20' Mud
4							
5							
6							
7							
8							

MUD RECORD

CHK	DEPTH	WT	VIS	FIL	CHL	YP
1	2908'					
2	3206'	8.8	64	7.2	1.8k	22
3	3290'	8.7	66			
4	3459'	8.9	60	7.2	2k	20
5	3530'	9.0	62			
6	3600'	9.1	67			
7	3713'	9.1	64			
8						
9						
10						
11						

Displaced

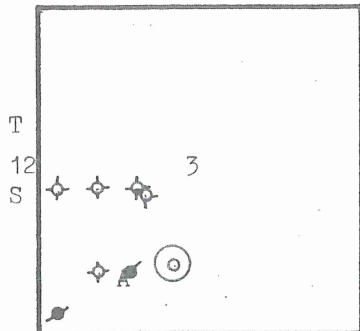
LCM #

LCM #

BIT RECORD

NO	SIZE	MAKE	TYPE	DEPTH-OUT	FEET	HOURS
1	12 1/4"	VareL	CH1GMS	305'	305'	3 1/2
2	7 7/8"	HTCo.	GX20C	3713'	3408'	66 1/2
3						
4						
5						
6						
7						

FORMATION TOPS & STRUCTURAL GEOLOGY



REFERRED TO:

- A: ARBUCKLE OIL CO.
- Windholz #1 Ap. NW SE SW 3
- B: _____
- C: _____
- D: _____
- E: _____

STRATIGRAPHIC MARKERS	SUBJECT WELL		STRUCTURAL POSITION					
	SAMPLE	E. LOG	DATUM	A	B	C	D	E
Anhydrite	1343'	1337'	+ 798	+ 790				
Base	1381'	1376'	+ 759	+ 751				
Topeka	3075'	3072'	- 937	- 947				
Heeb. Sh.	3314'	3309'	-1174	-1184				
Toronto	3338'	3330'	-1195	-1208				
Lansing	3358'	3354'	-1219	-1229				
BKc.	3589'	3588'	-1453	-1459				
Arbuckle	3616'	3613'	-1478	-1487				
TD	3713'	3712'	-1577	-1595				

Pipe strap .35' long.

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

SUMMARY

The Windholz #1 well was drilled with Murfin Drilling Co. tools rig #16 beginning 10-3-13 and drilling was completed 10-8-13.

The drill site was located via a 3-D seismic survey. The well is located ap. one location east of a small Arbuckle abandoned producer.

The well ran high to the offset well. Oil shows were encountered in several zones. DST #1 over the Toronto through the LKc D zone was a negative test. DST #2 LKc F-I. was also a negative.

The Arbuckle was encountered 9' high structurally with good oil shows. However, the electric log showed a dirty, ratty Arbuckle dolomite section. DST #3 over the upper 35' of Arbuckle was also negative.

Based upon all data, the well was P&A'ed.

Respectfully,

Randy
Randall Kilian

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. 7201

Date	10-9-13	Sec.	3	Twp.	12	Range	17	County	Ellis	State	KS	On Location		Finish	4:00 AM
Lease								Well No. 1		Owner K&N, W&Z					
Contractor								Murfin 16		To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.					
Type Job								Plug		Charge To DaMar Resources Inc.					
Hole Size								7 7/8		T.D.		3713			
Csg.								Depth		Street					
Tbg. Size								Depth		City		State			
Tool								Depth		The above was done to satisfaction and supervision of owner agent or contractor.					
Cement Left in Csg.								Shoe Joint		Cement Amount Ordered 270 sx 60/40 4% gel 1/4 flow					
Meas Line								Displace		Common 162					
EQUIPMENT															
Pumptrk		5		No.		Cementer		Helper		Lonniew		Poz. Mix		108	
Bulktrk		13		No.		Driver		Driver		chad		Gel.		10	
Bulktrk		P4		No.		Driver		Driver		Travis		Calcium			
JOB SERVICES & REMARKS															
Remarks:								Salt							
Rat Hole								Flowseal 67#							
Mouse Hole								Kol-Seal							
Centralizers								Mud CLR 48							
Baskets								CFL-117 or CD110 CAF 38							
D/V or Port Collar								Sand							
50 sx at 3596								Handling 280							
25 sx at 1363								Mileage							
100 sx at 780								FLOAT EQUIPMENT							
40 sx at 354								Guide Shoe							
10 sx at 40 with wood plug								Centralizer							
30 sx Rat								Baskets							
15 sx Mouse								AFU Inserts							
								Float Shoe							
								Latch Down							
								1 wood Plug							
								Pumptrk Charge Plug							
								Mileage 21							
								Tax							
								Discount							
								Total Charge							
Signature								Ag e i s d							

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. 7876

Date	10-3-13	Sec.	3	Twp.	12	Range	17	County	Ellis	State	KS	On Location	8.15 pm	Finish	9.45 pm
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Lease Wind Holz Location Codell Rd N to Sweetwater Ranch

Contractor Murfin 16 Well No. 4 Owner J & N Linn

Type Job Surface To Quality Oilwell Cementing, Inc.
You are hereby requested to rent cementing equipment and furnish
cementer and helper to assist owner or contractor to do work as listed.

Hole Size 12 1/4 T.D. 305 Charge To Damar Resources

Csg. 8 5/8 Depth 304.29 Street _____

Tbg. Size _____ Depth _____ City _____ State _____

Tool _____ Depth _____ The above was done to satisfaction and supervision of owner agent or contractor.

Cement Left in Csg. 20 FT Shoe Joint 20 FT Cement Amount Ordered 170 3% CC

Meas Line _____ Displace 18. BPL 2% Gel

EQUIPMENT

Pumptrk	<u>5</u>	No.	Cementer	<u>Matt</u>
			Helper	
Bulktrk	<u>14</u>	No.	Driver	<u>Lonnie</u>
			Driver	
Bulktrk	<u>pu</u>	No.	Driver	<u>Doug</u>
			Driver	

Common 170

Poz. Mix _____

Gel. 3

Calcium 6

Hulls _____

Salt _____

Flowseal _____

Kol-Seal _____

Mud CLR 48 _____

CFL-117 or CD110 CAF 38 _____

Sand _____

Handling 179

Mileage _____

FLOAT EQUIPMENT

Guide Shoe _____

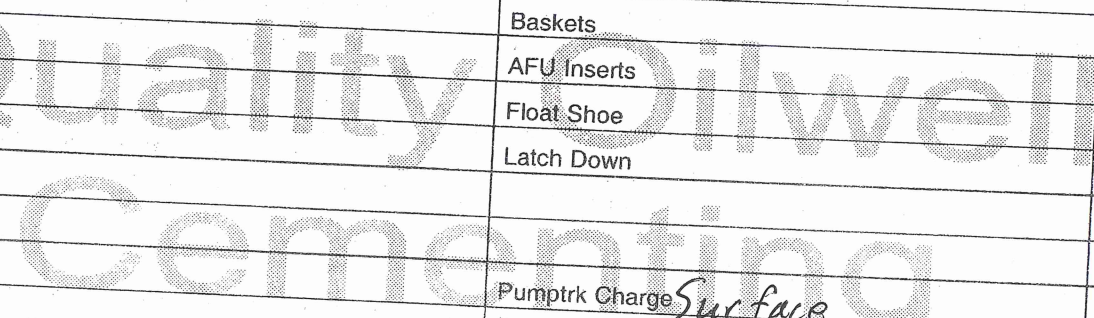
Centralizer _____

Baskets _____

AFU Inserts _____

Float Shoe _____

Latch Down _____



Cement did
Circulate

Pumptrk Charge Surface

Mileage 21

X Signature Ay Lall

Tax _____
Discount _____
Total Charge _____



DRILL STEM TEST REPORT

Prepared For: **DaMar Resources, Inc.**

PO Box 70
Hays, KS 67601

ATTN: Randy Killian

Windholz #1

3-12s-17w Ellis, KS

Start Date: 2013.10.06 @ 21:47:00

End Date: 2013.10.07 @ 05:46:45

Job Ticket #: 55755 DST #: 1

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

Printed: 2013.10.09 @ 13:30:35



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

DaMar Resources, Inc.

3-12s-17w Ellis, KS

PO Box 70
Hays, KS 67601

Windholz #1

Job Ticket: 55755

DST#: 1

ATTN: Randy Killian

Test Start: 2013.10.06 @ 21:47:00

GENERAL INFORMATION:

Formation: **Tor- LKC D**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:01:15

Time Test Ended: 05:46:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Brannan L

Unit No: 54

Interval: 3311.00 ft (KB) To 3428.00 ft (KB) (TVD)

Reference Elevations: 2135.00 ft (KB)

Total Depth: 3428.00 ft (KB) (TVD)

2130.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8789

Inside

Press @ Run Depth: 106.43 psig @ 3328.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.10.06

End Date:

2013.10.07

Last Calib.:

2013.10.07

Start Time: 21:47:02

End Time:

05:46:45

Time On Btm:

2013.10.07 @ 00:00:15

Time Off Btm:

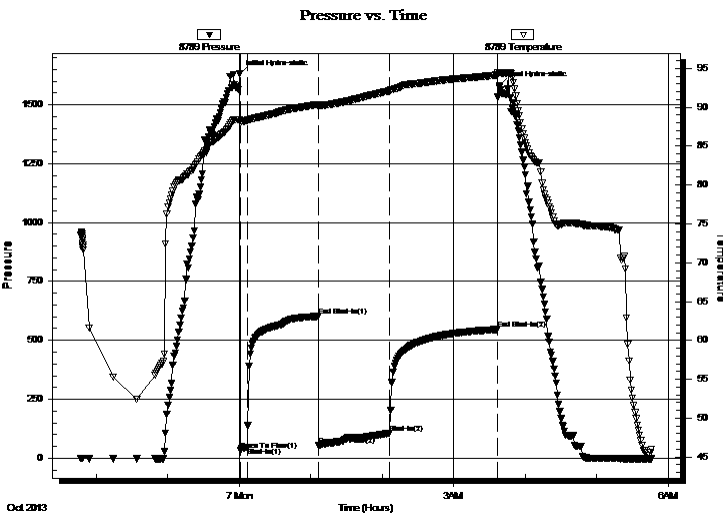
2013.10.07 @ 03:38:30

TEST COMMENT: 05- IF- 3"

60- IS- No return

60- FF- BOB 29mins

90- FSI- No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1629.95	88.42	Initial Hydro-static
1	34.70	87.95	Open To Flow (1)
7	46.67	88.28	Shut-In(1)
67	601.97	90.38	End Shut-In(1)
67	55.02	90.04	Open To Flow (2)
127	106.43	92.13	Shut-In(2)
217	546.42	94.14	End Shut-In(2)
219	1579.59	94.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
195.00	MW, 10%W 90%M	2.40

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

DaMar Resources, Inc.

3-12s-17w Ellis, KS

PO Box 70
Hays, KS 67601

Windholz #1

Job Ticket: 55755

DST#: 1

ATTN: Randy Killian

Test Start: 2013.10.06 @ 21:47:00

GENERAL INFORMATION:

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Deviated: No Whipstock: ft (KB)

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Test Type: Conventional Bottom Hole (Initial)

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Unit No: 54

Interval: 3311.00 ft (KB) To 3428.00 ft (KB) (TVD)

Reference Elevations: 2135.00 ft (KB)

Total Depth: 3428.00 ft (KB) (TVD)

2130.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8289 Outside

Press @ Run Depth: psig @ 3328.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.10.06

End Date:

2013.10.07

Last Calib.:

2013.10.07

Start Time: 21:47:04

End Time:

05:47:02

Time On Btm:

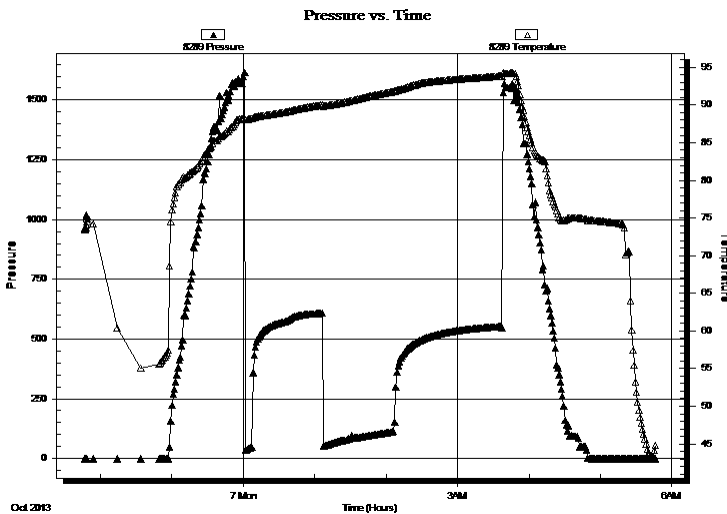
Time Off Btm:

TEST COMMENT: 05- IF- 3"

60- IS- No return

60- FF- BOB 29mins

90- FSI- No return



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
195.00	MW, 10%W 90%M	2.40

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

DaMar Resources, Inc.

3-12s-17w Ellis, KS

PO Box 70
Hays, KS 67601

Windholz #1

Job Ticket: 55755

DST#: 1

ATTN: Randy Killian

Test Start: 2013.10.06 @ 21:47:00

Tool Information

Drill Pipe:	Length: 3264.00 ft	Diameter: 3.75 inches	Volume: 44.59 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.75 inches	Volume: - bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3311.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	117.00 ft			
Tool Length:	144.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3285.00	
Shut In Tool	5.00			3290.00	
Hydraulic tool	5.00			3295.00	
Jars	5.00			3300.00	
Safety Joint	2.00			3302.00	
Packer	5.00			3307.00	27.00 Bottom Of Top Packer
Packer	4.00			3311.00	
Stubb	1.00			3312.00	
Perforations	16.00			3328.00	
Recorder	0.00	8789	Inside	3328.00	
Recorder	0.00	8289	Outside	3328.00	
Change Over Sub	1.00			3329.00	
Drill Pipe	95.00			3424.00	
Change Over Sub	1.00			3425.00	
Bullnose	3.00			3428.00	117.00 Bottom Packers & Anchor

Total Tool Length: 144.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

DaMar Resources, Inc.

3-12s-17w Ellis, KS

PO Box 70
Hays, KS 67601

Windholz #1

Job Ticket: 55755

DST#: 1

ATTN: Randy Killian

Test Start: 2013.10.06 @ 21:47:00

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: 64.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
195.00	MW, 10%W 90%M	2.402

Total Length: 195.00 ft Total Volume: 2.402 bbl

Num Fluid Samples: 0

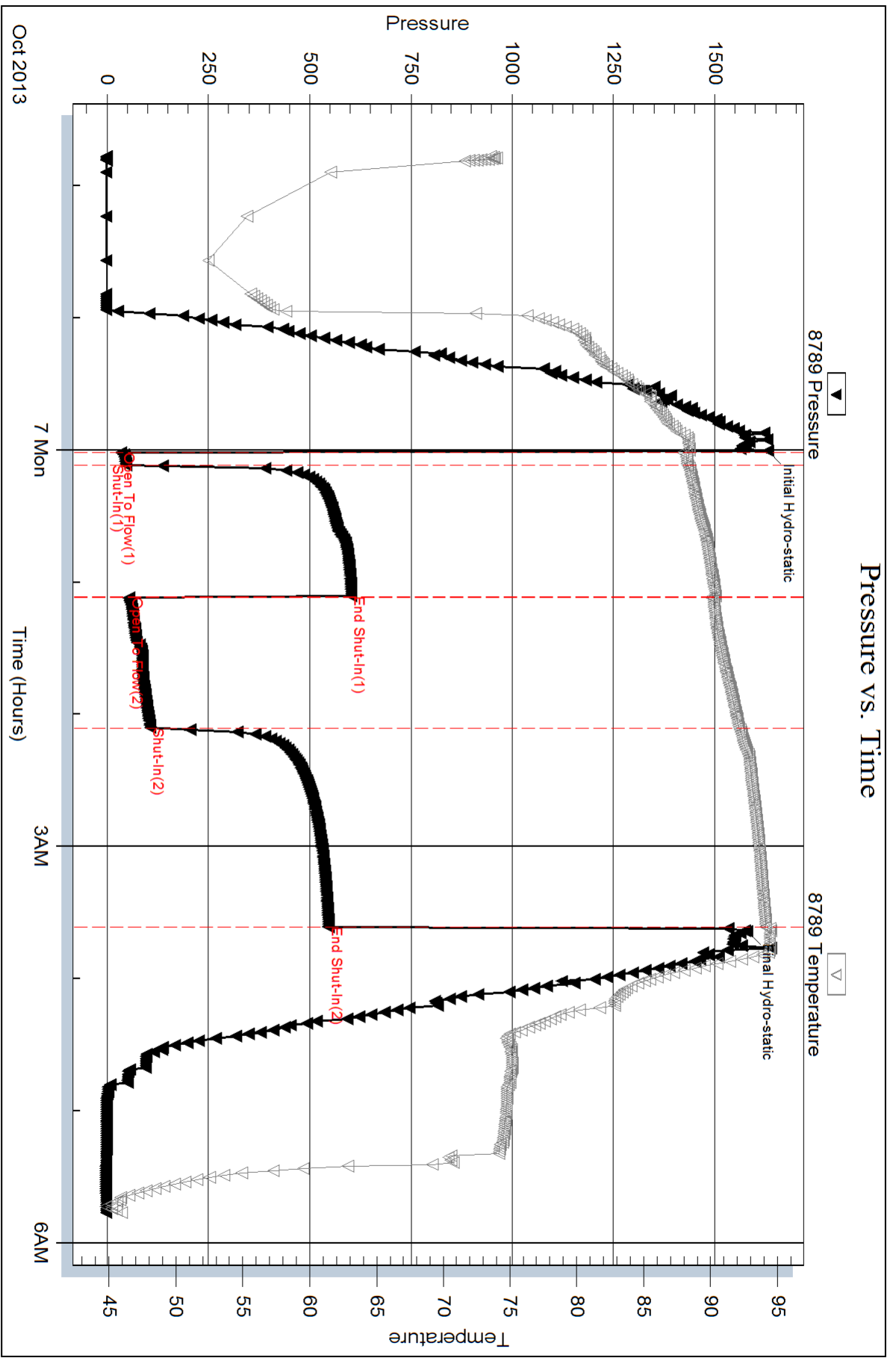
Num Gas Bombs: 0

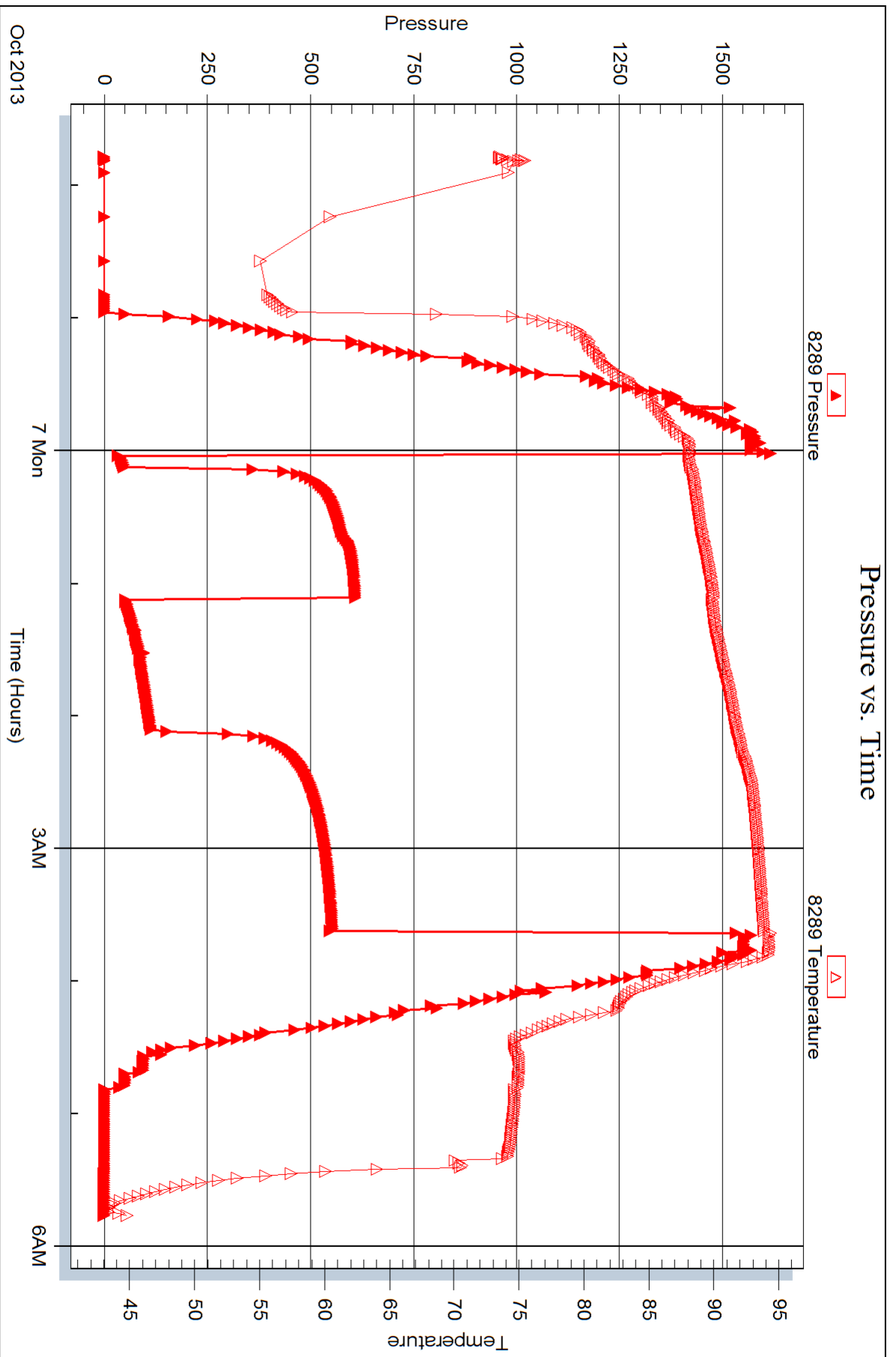
Serial #:

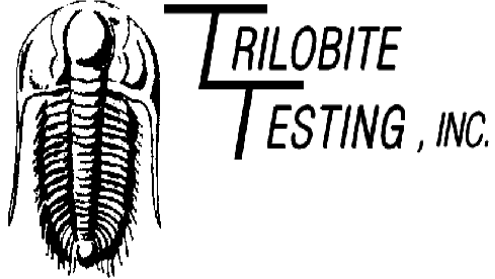
Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **DaMar Resources, Inc.**

PO Box 70
Hays, KS 67601

ATTN: Randy Killian

Windholz #1

3-12s-17w Ellis, KS

Start Date: 2013.10.07 @ 18:16:00

End Date: 2013.10.08 @ 00:31:45

Job Ticket #: 55756 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.10.09 @ 13:29:32



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

DaMar Resources, Inc.

3-12s-17w Ellis, KS

PO Box 70
Hays, KS 67601

Windholz #1

Job Ticket: 55756

DST#: 2

ATTN: Randy Killian

Test Start: 2013.10.07 @ 18:16:00

GENERAL INFORMATION:

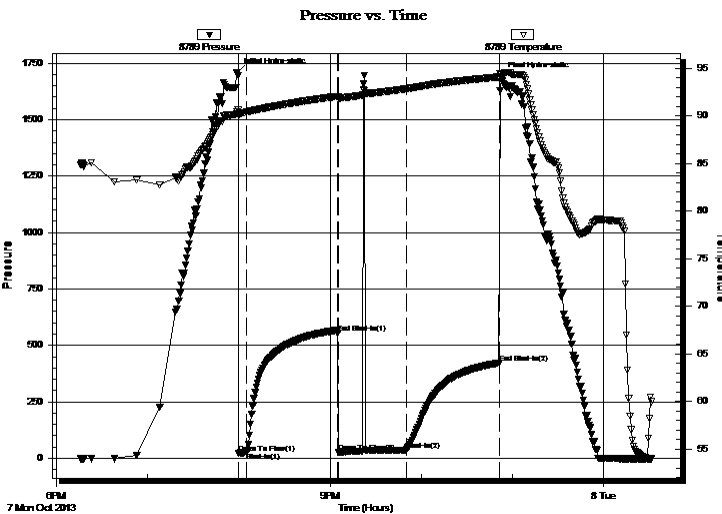
Formation: **LKC "F-L"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 20:00:00
 Time Test Ended: 00:31:45
 Interval: **3421.00 ft (KB) To 3590.00 ft (KB) (TVD)**
 Total Depth: 3590.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Brannan L
 Unit No: 54
 Reference Elevations: 2135.00 ft (KB)
 2130.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8789

Inside

Press @ Run Depth: 36.71 psig @ 3427.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.10.07 End Date: 2013.10.08 Last Calib.: 2013.10.08
 Start Time: 18:16:02 End Time: 00:31:45 Time On Btm: 2013.10.07 @ 19:59:00
 Time Off Btm: 2013.10.07 @ 22:52:45

TEST COMMENT: 05- IF- 1"
 60- IS- No blow
 45- FF- Weak surface blow flushed tool 15mins in built to 1/2"
 60- FS- No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1709.41	90.40	Initial Hydro-static
1	22.28	90.07	Open To Flow (1)
7	25.36	90.37	Shut-In(1)
67	553.75	92.04	End Shut-In(1)
67	26.98	91.85	Open To Flow (2)
112	36.71	92.83	Shut-In(2)
173	421.74	94.07	End Shut-In(2)
174	1692.64	94.31	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	M, 100%M	0.28

* 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.

3-12s-17w Ellis, KS

PO Box 70
Hays, KS 67601

Windholz #1

Job Ticket: 55756

DST#: 2

ATTN: Randy Killian

Test Start: 2013.10.07 @ 18:16:00

Tool Information

Drill Pipe:	Length: 3391.00 ft	Diameter: 3.75 inches	Volume: 46.32 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.75 inches	Volume: - bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	55000.00 lb
			<u>Total Volume:</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial	50000.00 lb
Depth to Top Packer:	3421.00 ft			Final	50000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	169.00 ft				
Tool Length:	189.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3402.00	
Shut In Tool	5.00			3407.00	
Hydraulic tool	5.00			3412.00	
Packer	5.00			3417.00	20.00 Bottom Of Top Packer
Packer	4.00			3421.00	
Stubb	1.00			3422.00	
Perforations	5.00			3427.00	
Recorder	0.00	8789	Inside	3427.00	
Recorder	0.00	8289	Outside	3427.00	
Change Over Sub	1.00			3428.00	
Drill Pipe	158.00			3586.00	
Change Over Sub	1.00			3587.00	
Bullnose	3.00			3590.00	169.00 Bottom Packers & Anchor

Total Tool Length: 189.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

DaMar Resources, Inc.

3-12s-17w Ellis, KS

PO Box 70
Hays, KS 67601

Windholz #1

Job Ticket: 55756

DST#: 2

ATTN: Randy Killian

Test Start: 2013.10.07 @ 18:16:00

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: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.17 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	M, 100%M	0.284

Total Length: 40.00 ft Total Volume: 0.284 bbl

Num Fluid Samples: 0

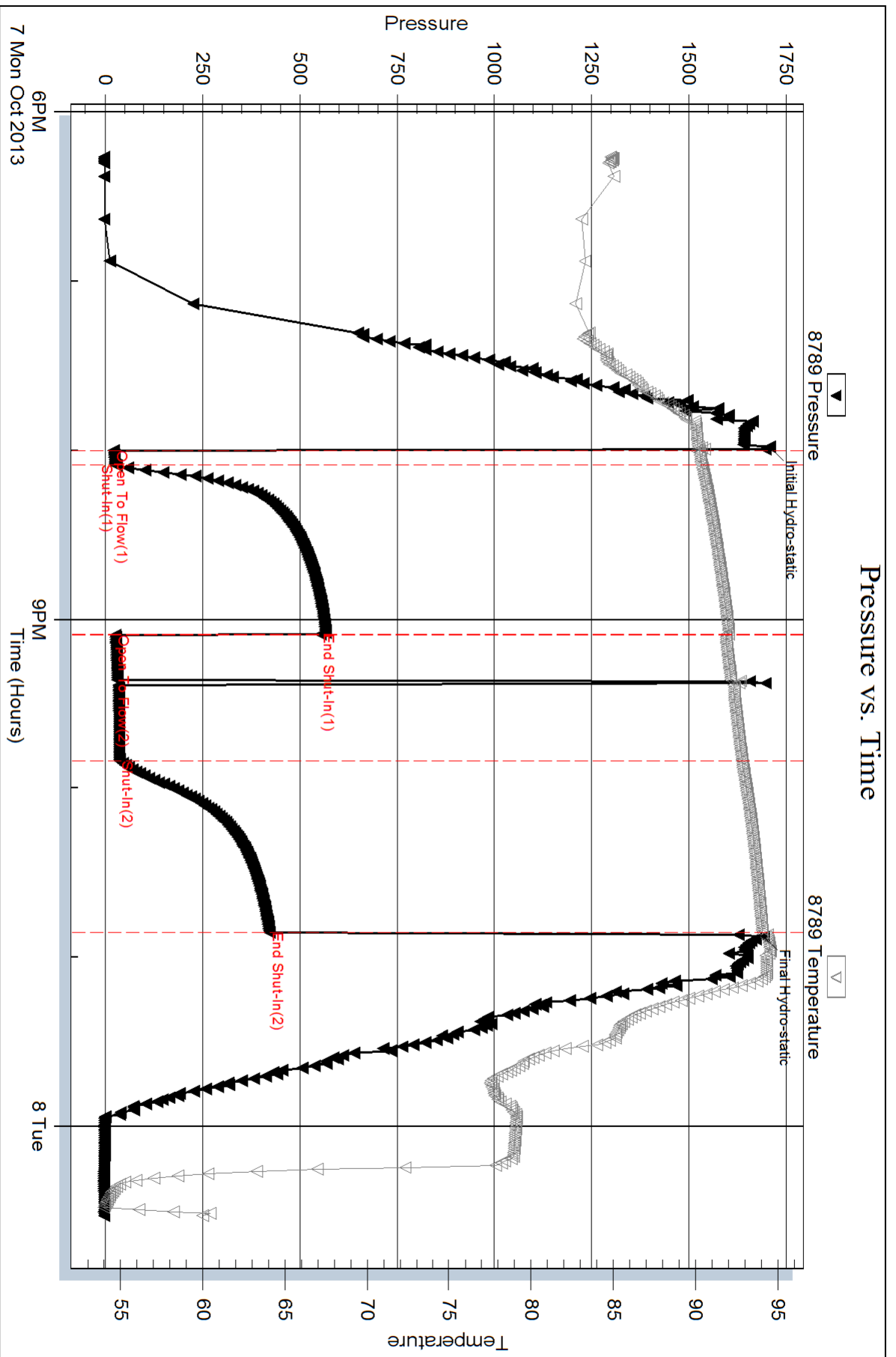
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

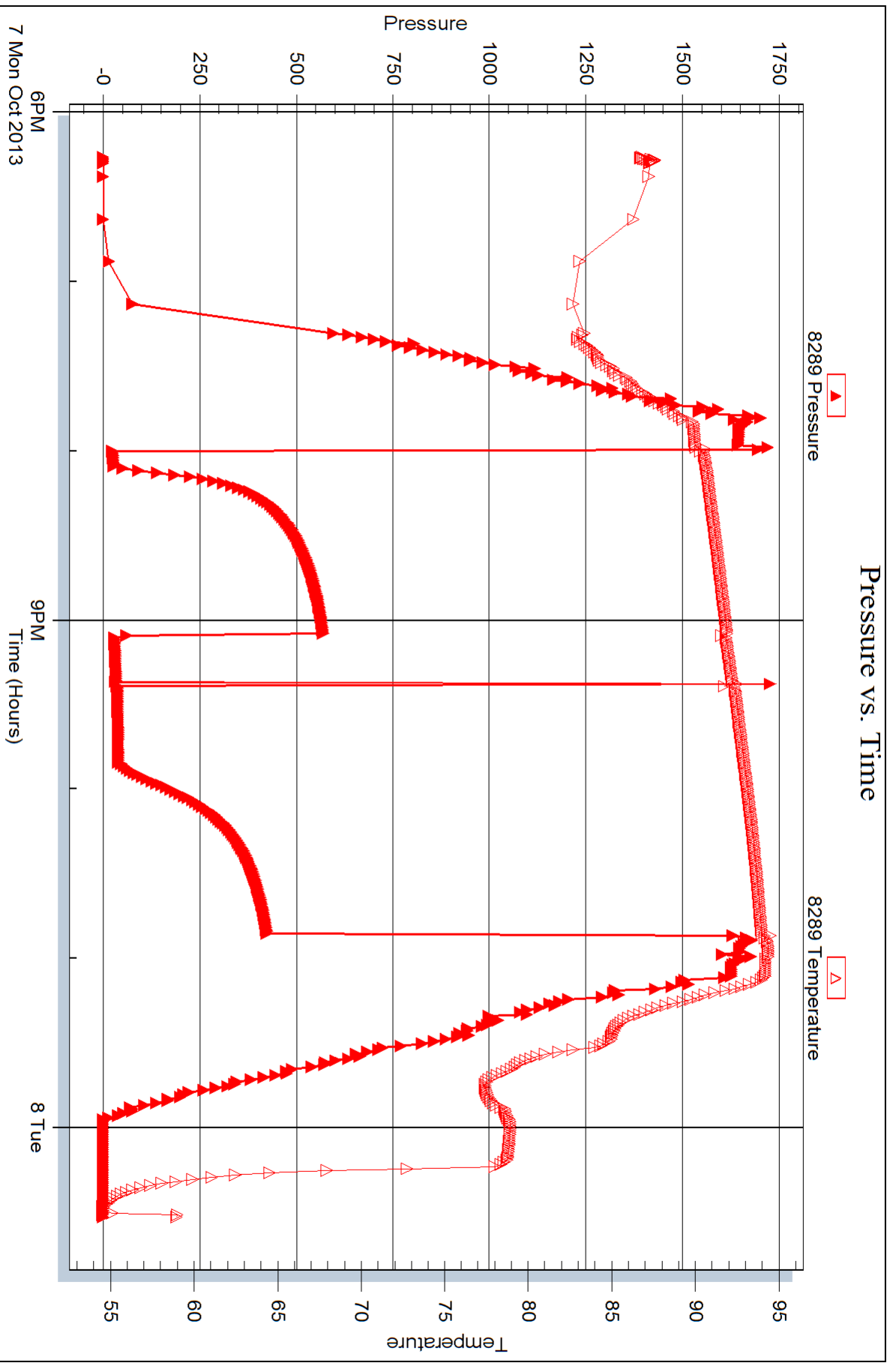


Serial #: 8289

Outside DaMar Resources, Inc.

Windholz #1

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **DaMar Resources, Inc.**

PO Box 70
Hays, KS 67601

ATTN: Randy Killian

Windholz #1

3-12s-17w Ellis, KS

Start Date: 2013.10.08 @ 15:30:00

End Date: 2013.10.08 @ 22:13:45

Job Ticket #: 55757 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.10.09 @ 13:27:41



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

DaMar Resources, Inc.

3-12s-17w Ellis, KS

PO Box 70
Hays, KS 67601

Windholz #1

Job Ticket: 55757

DST#: 3

ATTN: Randy Killian

Test Start: 2013.10.08 @ 15:30:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:03:00

Time Test Ended: 22:13:45

Test Type: Conventional Straddle (Reset)

Tester: Brannan L

Unit No: 54

Interval: 3585.00 ft (KB) To 3648.00 ft (KB) (TVD)

Total Depth: 3713.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2135.00 ft (KB)

2130.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8789 Inside

Press @ Run Depth: 32.27 psig @ 3592.00 ft (KB)

Start Date: 2013.10.08

End Date: 2013.10.08

Start Time: 15:30:02

End Time: 22:13:45

Capacity: 8000.00 psig

Last Calib.: 2013.10.08

Time On Btm: 2013.10.08 @ 17:02:00

Time Off Btm: 2013.10.08 @ 19:45:30

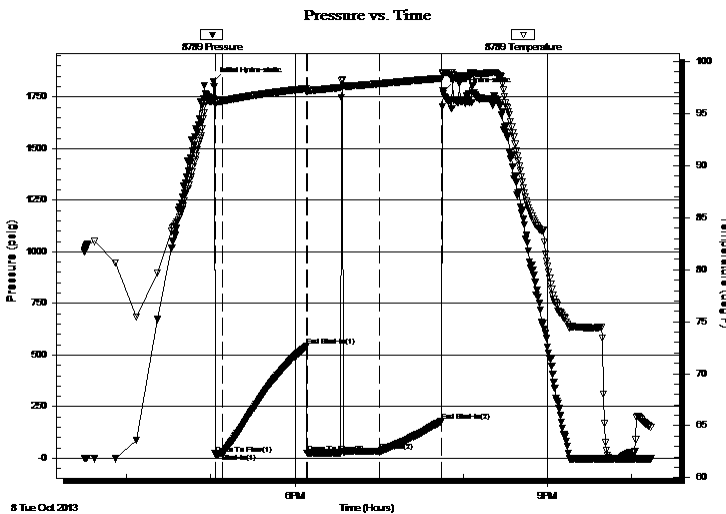
TEST COMMENT: 05- IF- 1/2"

60- IS- No blow

50- FF- No blow flushed tool after 20 mins got w eak surface blow

45- FS- No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1822.92	96.22	Initial Hydro-static
1	21.53	95.90	Open To Flow (1)
6	23.21	96.21	Shut-In(1)
67	543.28	97.40	End Shut-In(1)
67	25.01	97.10	Open To Flow (2)
118	32.27	97.88	Shut-In(2)
163	181.78	98.40	End Shut-In(2)
164	1778.11	98.92	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	M, 100%M	0.10

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.

3-12s-17w Ellis, KS

PO Box 70
Hays, KS 67601

Windholz #1

Job Ticket: 55757

DST#: 3

ATTN: Randy Killian

Test Start: 2013.10.08 @ 15:30:00

Tool Information

Drill Pipe:	Length: 3550.00 ft	Diameter: 3.75 inches	Volume: 48.50 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.75 inches	Volume: - bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	80000.00 lb
			<u>Total Volume:</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial	54000.00 lb
Depth to Top Packer:	3585.00 ft			Final	54000.00 lb
Depth to Bottom Packer:	3648.00 ft				
Interval between Packers:	63.00 ft				
Tool Length:	152.00 ft				
Number of Packers:	3	Diameter: 6.75 inches			
Tool Comments:					

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3566.00	
Shut In Tool	5.00			3571.00	
Hydraulic tool	5.00			3576.00	
Packer	5.00			3581.00	20.00 Bottom Of Top Packer
Packer	4.00			3585.00	
Stubb	1.00			3586.00	
Perforations	6.00			3592.00	
Recorder	0.00	8789	Inside	3592.00	
Recorder	0.00	8289	Outside	3592.00	
Change Over Sub	1.00			3593.00	
Drill Pipe	32.00			3625.00	
Change Over Sub	1.00			3626.00	
Perforations	18.00			3644.00	
Blank Off Sub	1.00			3645.00	
Blank Spacing	3.00			3648.00	63.00 Tool Interval
Packer	1.00			3649.00	
Blank Spacing	1.00			3650.00	
Change Over Sub	1.00			3651.00	
Recorder	0.00	6668	Below	3651.00	
Drill Pipe	62.00			3713.00	
Change Over Sub	1.00			3714.00	
Bullnose	3.00			3717.00	69.00 Bottom Packers & Anchor
Total Tool Length:	152.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

DaMar Resources, Inc.

3-12s-17w Ellis, KS

PO Box 70
Hays, KS 67601

Windholz #1

Job Ticket: 55757

DST#: 3

ATTN: Randy Killian

Test Start: 2013.10.08 @ 15:30:00

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: 7.59 in³

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
20.00	M, 100%M	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbl

Num Fluid Samples: 0

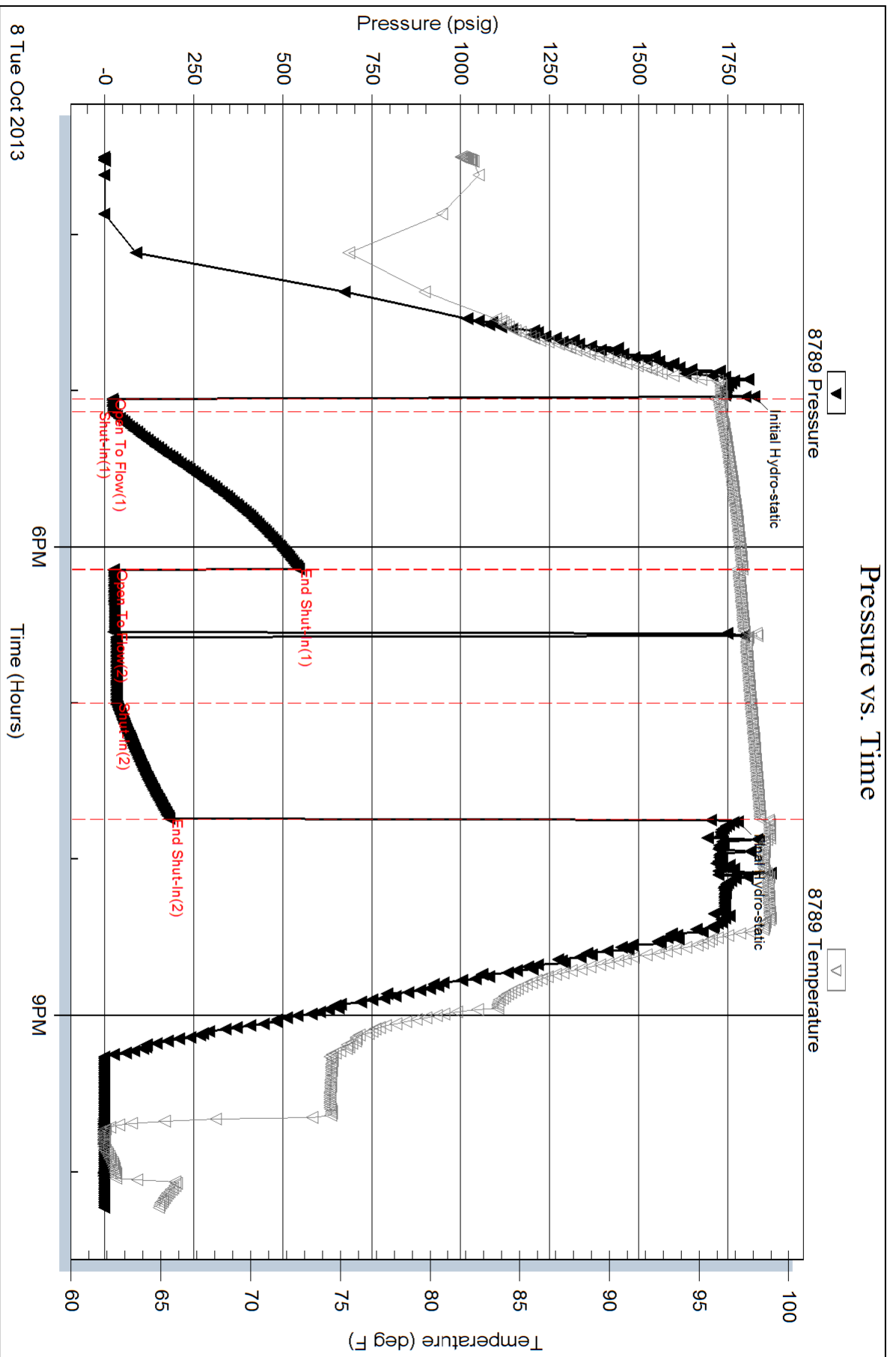
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

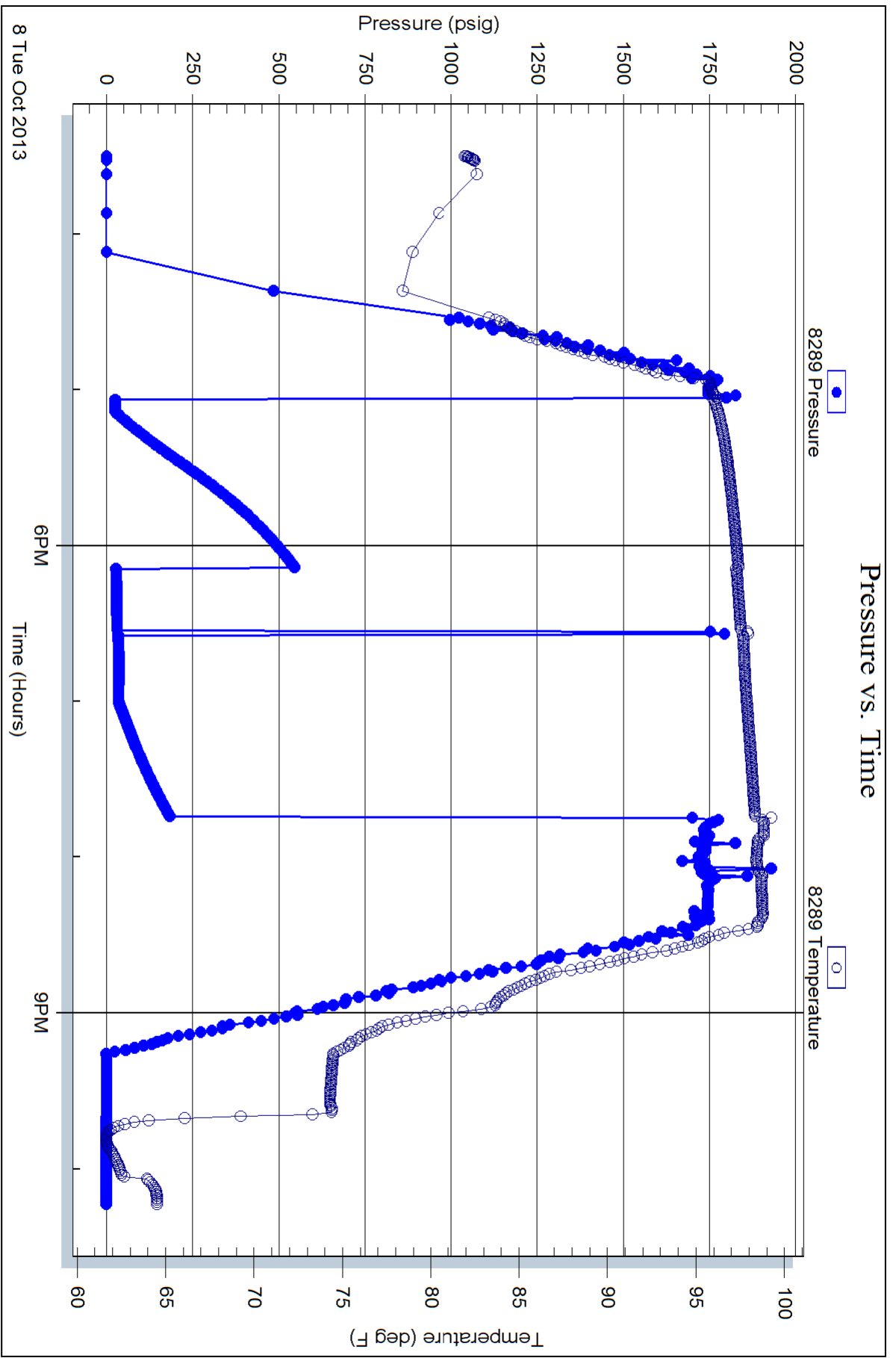


Serial #: 8289

Outside DaMar Resources, Inc.

Windhoiz #1

DST Test Number: 3





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 55755

Well Name & No. Windholz #1 Test No. 1 Date 10/6/13
 Company DaMar Resources Inc. Elevation 2135 KB 2130 GL
 Address 234 W 11th St A PO Box 70 Hays, KS 67601
 Co. Rep / Geo. Randy Killian Rig Murfin 16
 Location: Sec. 3 Twp. 12S Rge. 17W Co. Ellis State KS

Interval Tested 3311-3428 Zone Tested Tor-LKC "D"
 Anchor Length 117' Drill Pipe Run 3264 Mud Wt. 8.8
 Top Packer Depth 3306 Drill Collars Run 30 Vis 64
 Bottom Packer Depth 3311 Wt. Pipe Run — WL 7.2
 Total Depth 3428 Chlorides 1800 ppm System LCM 1#

Blow Description IF-3"
ISI-No Blow
FF-BOB 29 mins
FSI-No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>195</u>	<u>NW w/ show of oil</u>			<u>10</u>	<u>90</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

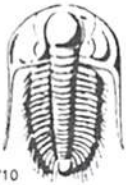
Rec Total 195' BHT 94° Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 1630 Test 1150 T-On Location 2015
 (B) First Initial Flow 35 Jars 250 T-Started 2147
 (C) First Final Flow 47 Safety Joint 75 T-Open 0002
 (D) Initial Shut-In 602 Circ Sub — T-Pulled 0337
 (E) Second Initial Flow 55 Hourly Standby — T-Out 0547
 (F) Second Final Flow 106 Mileage 42 RT 65.10 Comments —
 (G) Final Shut-In 546 Sampler —
 (H) Final Hydrostatic 1580 Straddle — Ruined Shale Packer —
 Shale Packer — Ruined Packer —
 Extra Packer — Extra Copies —
 Extra Recorder — Sub Total 0
 Day Standby — Total 1540.10
 Accessibility — MP/DST Disc't —

Initial Open	<u>5</u>
Initial Shut-In	<u>60</u>
Final Flow	<u>60</u>
Final Shut-In	<u>90</u>

Approved By — Our Representative Brannon L

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. 55756

4/10

Well Name & No. Windholz #1 Test No. 2 Date 10/7/13
 Company Da Mar Resources, Inc. Elevation 2135 KB 2130 GL
 Address 234 W. 11th St. A PO Box 70 Hays, KS 67601
 Co. Rep / Geo. Randy Killian Rig Murfin 16
 Location: Sec. 3 Twp. 12S Rge. 17W Co. Ellis State KS

Interval Tested 3421-3590 Zone Tested LKC "F-L"
 Anchor Length 169' Drill Pipe Run 3391 Mud Wt. 8.9
 Top Packer Depth 3416 Drill Collars Run 30 Vis 60
 Bottom Packer Depth 3421 Wt. Pipe Run _____ WL 7.2
 Total Depth 3590 Chlorides 2000 ppm System LCM 1#

Blow Description IF-1"
ISI - No blow
FF - Plugged tool after 15 mins then built to 1/2"
FST - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>40</u>	<u>M</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

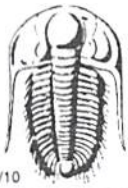
Rec Total 40' BHT 940 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1709 Test 1150 T-On Location 1800
 (B) First Initial Flow 22 Jars _____ T-Started 1816
 (C) First Final Flow 25 Safety Joint _____ T-Open 2000
 (D) Initial Shut-In 554 Circ Sub _____ T-Pulled 2250
 (E) Second Initial Flow 27 Hourly Standby _____ T-Out 0032
 (F) Second Final Flow 37 Mileage 42 RT 65.10
 (G) Final Shut-In 422 Sampler _____
 (H) Final Hydrostatic 1693 Straddle _____

Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Initial Open 5
 Initial Shut-In 60
 Final Flow 45
 Final Shut-In 60
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1215.10
 Sub Total 1215.10

Approved By _____ Our Representative Brannan L

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. 55757

Well Name & No. Windholz #1 Test No. 3 Date 10/8/13
 Company DaMar Resources, Inc. Elevation 2135 KB 2130 GL
 Address 234 W 11th Ste. A PO Box 20 Hays, KS 67601
 Co. Rep / Geo. Randy Killian Rig Murfin 16
 Location: Sec. 3 Twp. 12S Rge. 17W Co. Ellis State KS

Interval Tested 3585-3648 Zone Tested Arbuckle
 Anchor Length 63' 68' tail Drill Pipe Run 3550 Mud Wt. 8.9
 Top Packer Depth 3580-3585 Drill Collars Run 30 Vis 60
 Bottom Packer Depth 3648 Wt. Pipe Run _____ WL 7.2
 Total Depth 3713 Chlorides 2000 ppm System LCM 1#

Blow Description IF-1/2"
ISI-No blow
FF-No blow, flushed tool after 20 mins got weak surface blow
FSI-No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>M</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 20 BHT 980 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>1823</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>1326</u>
(B) First Initial Flow <u>22</u>	<input type="checkbox"/> Jars _____	T-Started <u>1530</u>
(C) First Final Flow <u>23</u>	<input type="checkbox"/> Safety Joint _____	T-Open <u>1704</u>
(D) Initial Shut-In <u>543</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>1945</u>
(E) Second Initial Flow <u>25</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>2215</u>
(F) Second Final Flow <u>32</u>	<input checked="" type="checkbox"/> Mileage <u>42 RT</u> 65.10	Comments _____
(G) Final Shut-In <u>182</u>	<input type="checkbox"/> Sampler _____	_____
(H) Final Hydrostatic <u>1778</u>	<input checked="" type="checkbox"/> Straddle <u>600</u>	<input type="checkbox"/> Ruined Shale Packer _____
Initial Open <u>5</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Packer _____
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
Final Flow <u>50</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Final Shut-In <u>45</u>	<input type="checkbox"/> Day Standby _____	Total <u>1815.10</u>
	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1815.10</u>	

Approved By _____ Our Representative Bannon L

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.