



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1192691
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

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

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

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

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

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

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

API No. 15 - _____

Spot Description: _____

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

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

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

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

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

County: _____ Permit #: _____

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

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

1192691

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

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

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

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

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

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

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

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

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

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

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

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

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

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

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



DRILL STEM TEST REPORT

Prepared For: **Damar Resources Inc.**

PO Box 70
Hays KS 67601

ATTN: Randy Kilian

Windholz #2

3-12s-17w Ellis,KS

Start Date: 2013.10.14 @ 08:55:00

End Date: 2013.10.14 @ 16:15:30

Job Ticket #: 55302 DST #: 1

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

Printed: 2013.10.16 @ 13:35:46



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Damar Resources Inc.

3-12s-17w Ellis,KS

PO Box 70
Hays KS 67601

Windholz #2

Job Ticket: 55302

DST#: 1

ATTN: Randy Kilian

Test Start: 2013.10.14 @ 08:55:00

GENERAL INFORMATION:

Formation: **Toronto-KC"G"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:17:00

Time Test Ended: 16:15:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Brett Dickinson

Unit No: 59

Interval: 3304.00 ft (KB) To 3460.00 ft (KB) (TVD)

Reference Elevations: 2125.00 ft (KB)

Total Depth: 3460.00 ft (KB) (TVD)

2120.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6753

Inside

Press @ Run Depth: 124.44 psig @ 3310.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.10.14

End Date:

2013.10.14

Last Calib.: 2013.10.14

Start Time: 08:55:05

End Time:

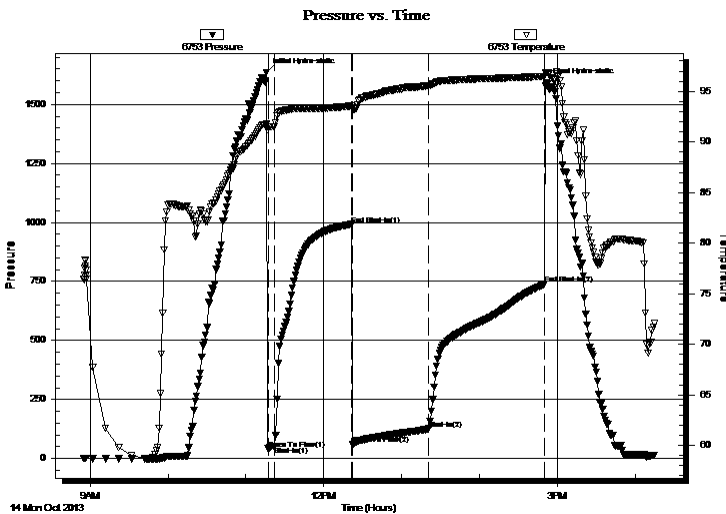
16:15:29

Time On Btm: 2013.10.14 @ 11:16:00

Time Off Btm: 2013.10.14 @ 14:51:30

TEST COMMENT: IF-5" blow
ISI-No blow
FF-BOB in 10 min
FSI-5" blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1635.47	91.77	Initial Hydro-static
1	41.22	91.23	Open To Flow (1)
6	52.56	91.53	Shut-In(1)
65	991.82	93.55	End Shut-In(1)
66	60.07	93.30	Open To Flow (2)
125	124.44	95.56	Shut-In(2)
214	739.08	96.46	End Shut-In(2)
216	1590.67	96.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
190.00	SGOCM 5%G 30%O 65%M	2.39
65.00	GOCM 20%G 20%O 60%M	0.91

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 #2

ATTN: Randy Kilian

Job Ticket: 55302 **DST#: 1**
Test Start: 2013.10.14 @ 08:55:00

GENERAL INFORMATION:

Formation: **Toronto-KC"G"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:17:00

Time Test Ended: 16:15:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Brett Dickinson

Unit No: 59

Interval: **3304.00 ft (KB) To 3460.00 ft (KB) (TVD)**

Total Depth: 3460.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2125.00 ft (KB)

2120.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8319 Outside

Press @ Run Depth: psig @ 3310.00 ft (KB)

Start Date: 2013.10.14

End Date:

2013.10.14

Start Time: 08:55:05

End Time:

16:16:29

Capacity: 8000.00 psig

Last Calib.:

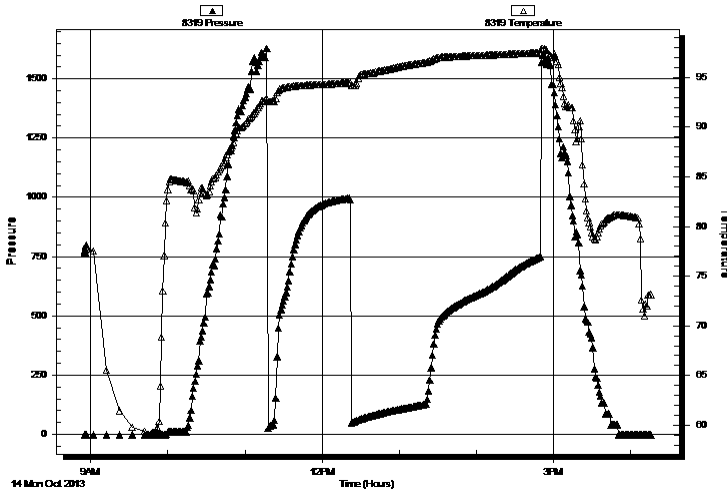
2013.10.14

Time On Btm:

Time Off Btm:

TEST COMMENT: IF-5" blow
ISI-No blow
FF-BOB in 10 min
FSI-5" blow

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
190.00	SGOCM 5%G 30%O 65%M	2.39
65.00	GOCM 20%G 20%O 60%M	0.91

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 #2

Job Ticket: 55302

DST#: 1

ATTN: Randy Kilian

Test Start: 2013.10.14 @ 08:55:00

Tool Information

Drill Pipe:	Length: 3305.00 ft	Diameter: 3.80 inches	Volume: 46.36 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: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 46.51 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	55.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3304.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	156.00 ft			
Tool Length:	180.00 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			3281.00	
Shut In Tool	5.00			3286.00	
Hydraulic tool	5.00			3291.00	
Safety Joint	3.00			3294.00	
Packer	5.00			3299.00	24.00 Bottom Of Top Packer
Packer	5.00			3304.00	
Stubb	1.00			3305.00	
Perforations	5.00			3310.00	
Recorder	0.00	6753	Inside	3310.00	
Recorder	0.00	8319	Outside	3310.00	
Change Over Sub	1.00			3311.00	
Drill Pipe	127.00			3438.00	
Change Over Sub	1.00			3439.00	
Perforations	18.00			3457.00	
Bullnose	3.00			3460.00	156.00 Bottom Packers & Anchor

Total Tool Length: 180.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Damar Resources Inc.

3-12s-17w Ellis,KS

PO Box 70
Hays KS 67601

Windholz #2

Job Ticket: 55302

DST#: 1

ATTN: Randy Kilian

Test Start: 2013.10.14 @ 08:55:00

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: 65.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
190.00	SGOCM 5%G 30%O 65%M	2.392
65.00	GOCM 20%G 20%O 60%M	0.912

Total Length: 255.00 ft Total Volume: 3.304 bbl

Num Fluid Samples: 0

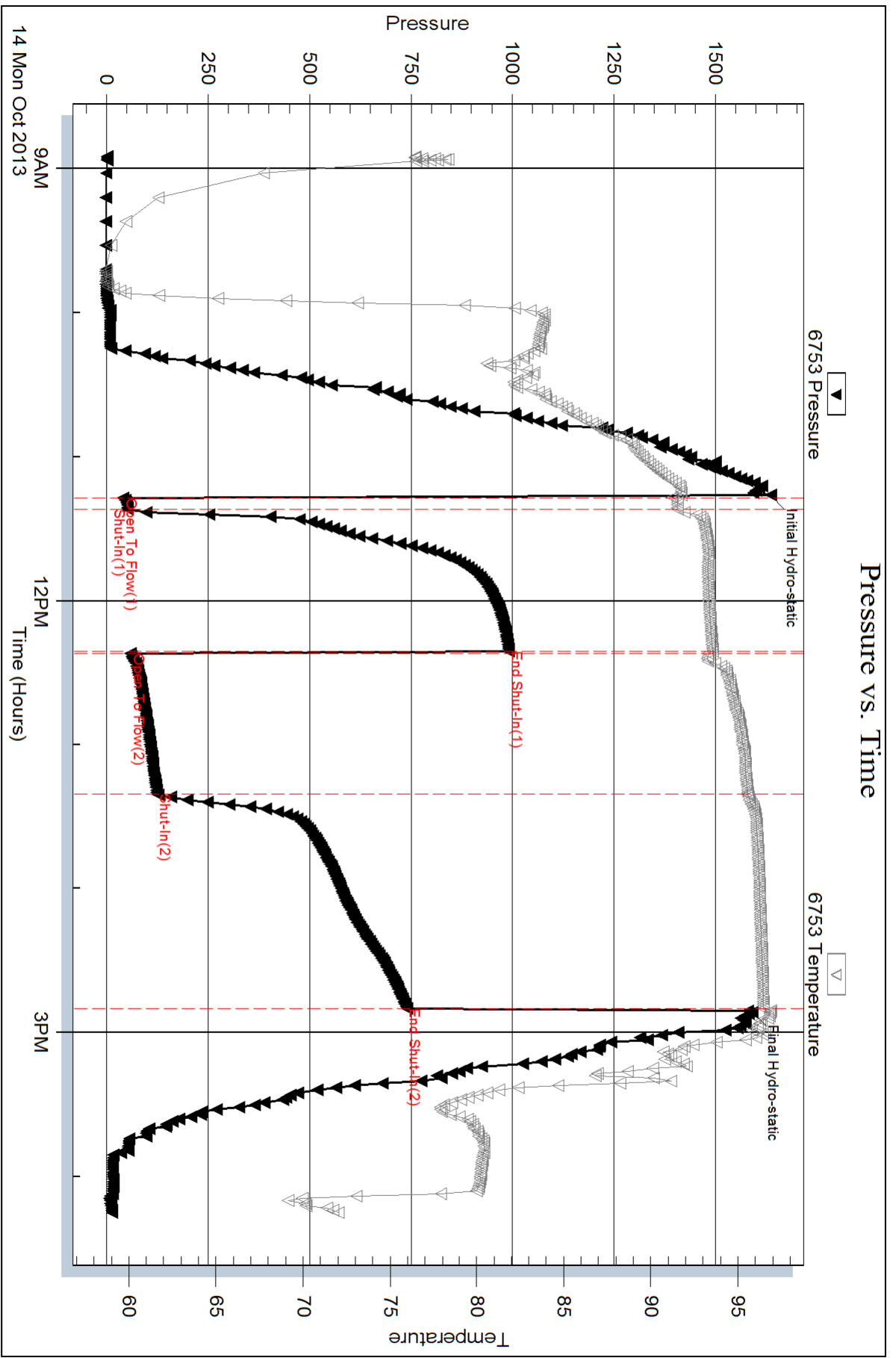
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

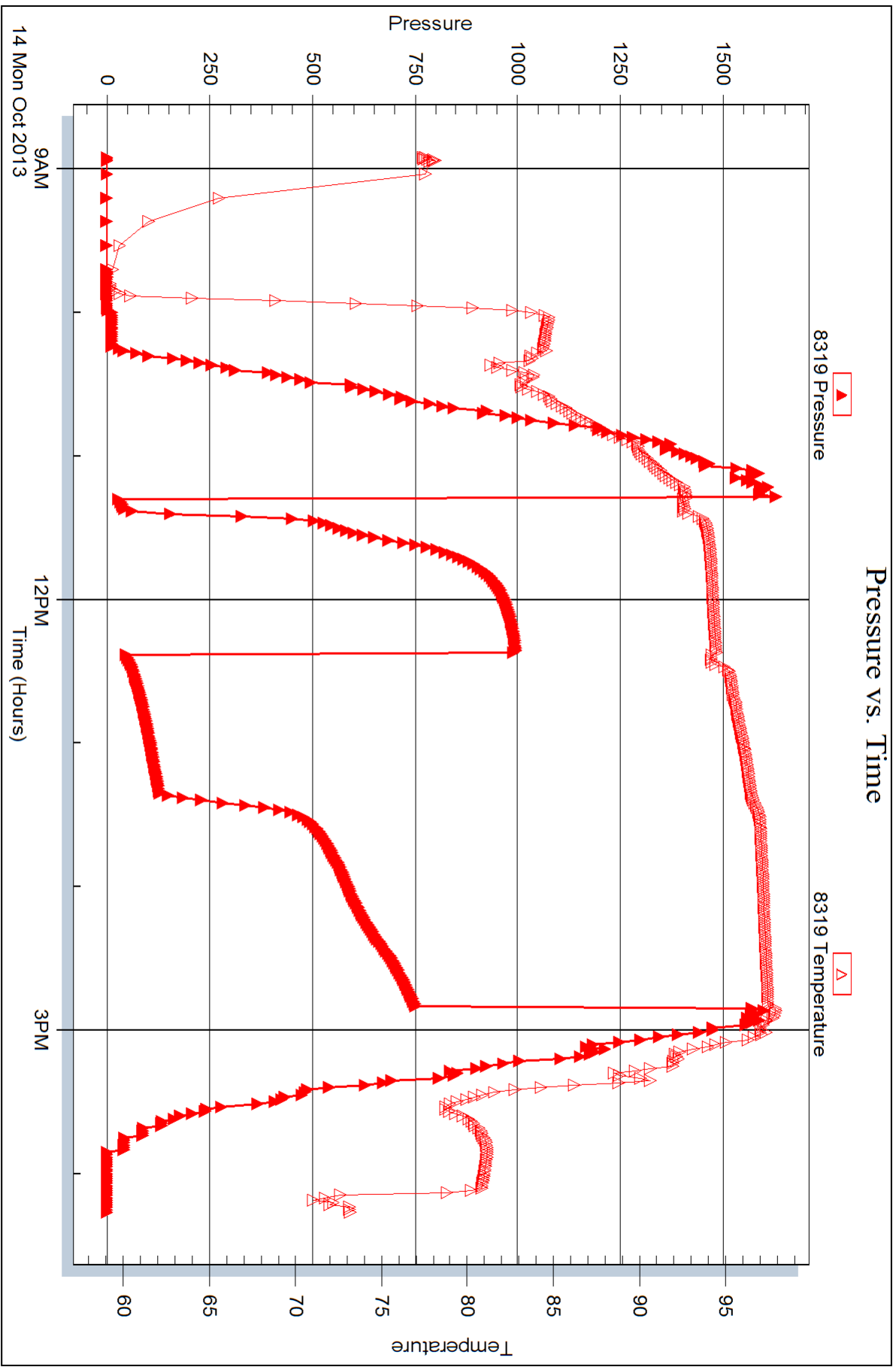


Serial #: 8319

Outside Damar Resources Inc.

Windhoz #2

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Damar Resources Inc.**

PO Box 70
Hays KS 67601

ATTN: Randy Kilian

Windholz #2

3-12s-17w Ellis,KS

Start Date: 2013.10.15 @ 16:45:00

End Date: 2013.10.16 @ 00:15:00

Job Ticket #: 55303 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.10.16 @ 13:33:30



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Damar Resources Inc.

3-12s-17w Ellis,KS

PO Box 70
Hays KS 67601

Windholz #2

Job Ticket: 55303

DST#: 2

ATTN: Randy Kilian

Test Start: 2013.10.15 @ 16:45:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:31:30

Time Test Ended: 00:15:00

Test Type: Conventional Straddle (Reset)

Tester: Brett Dickinson

Unit No: 59

Interval: 3573.00 ft (KB) To 3640.00 ft (KB) (TVD)

Reference Elevations: 2125.00 ft (KB)

Total Depth: 3640.00 ft (KB) (TVD)

2120.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6753 Outside

Press @ Run Depth: 60.24 psig @ 3612.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.10.15

End Date: 2013.10.16

Last Calib.: 2013.10.16

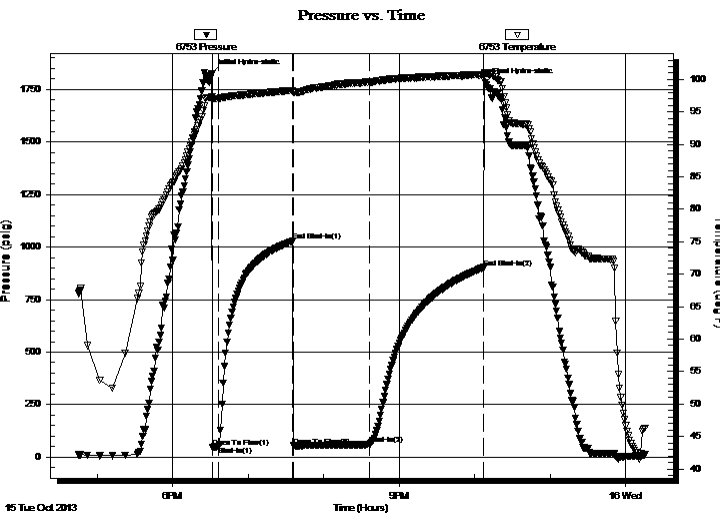
Start Time: 16:45:05

End Time: 00:14:59

Time On Btm: 2013.10.15 @ 18:30:30

Time Off Btm: 2013.10.15 @ 22:08:30

TEST COMMENT: IF-2" blow
ISI-No blow
FF-3 3/4" blow
FSI-No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1826.14	97.19	Initial Hydro-static
1	45.12	96.95	Open To Flow (1)
6	50.54	97.06	Shut-In(1)
65	1027.26	98.32	End Shut-In(1)
66	54.31	98.07	Open To Flow (2)
126	60.24	99.56	Shut-In(2)
217	902.00	100.78	End Shut-In(2)
218	1780.22	100.95	Final Hydro-static

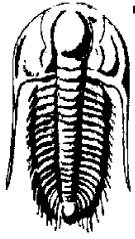
Recovery

Length (ft)	Description	Volume (bbl)
75.00	SOCM 15%O 85%M	0.78
10.00	SGO 10%G 90%O	0.14

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Damar Resources Inc.

PO Box 70
Hays KS 67601

ATTN: Randy Kilian

3-12s-17w Ellis, KS

Windholz #2

Job Ticket: 55303

DST#: 2

Test Start: 2013.10.15 @ 16:45:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:31:30

Time Test Ended: 00:15:00

Test Type: Conventional Straddle (Reset)

Tester: Brett Dickinson

Unit No: 59

Interval: 3573.00 ft (KB) To 3640.00 ft (KB) (TVD)

Total Depth: 3640.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2125.00 ft (KB)

2120.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8736 **Inside**

Press @RunDepth: psig @ 3612.00 ft (KB)

Start Date: 2013.10.15

End Date: 2013.10.16

Start Time: 16:45:05

End Time: 00:14:59

Capacity: 8000.00 psig

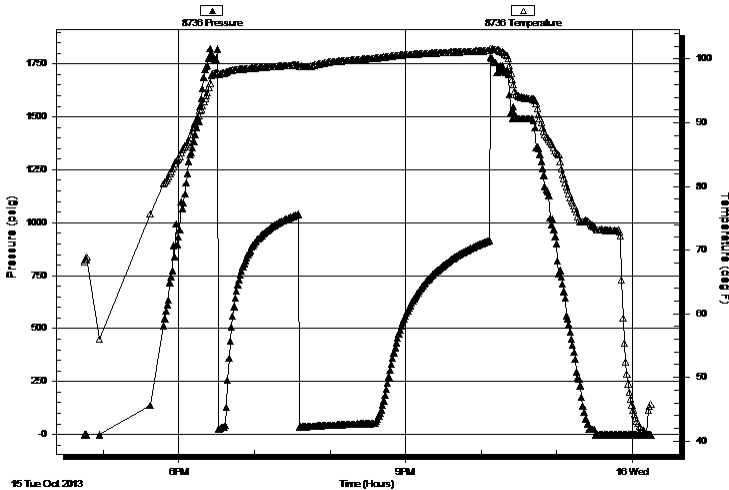
Last Calib.: 2013.10.16

Time On Btm:

Time Off Btm:

TEST COMMENT: IF-2" blow
ISI-No blow
FF-3 3/4" blow
FSI-No blow

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
75.00	SOCM 15%O 85%M	0.78
10.00	SGO 10%G 90%O	0.14

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Damar Resources Inc.

3-12s-17w Ellis, KS

PO Box 70
Hays KS 67601

Windholz #2

Job Ticket: 55303

DST#: 2

ATTN: Randy Kilian

Test Start: 2013.10.15 @ 16:45:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:31:30

Time Test Ended: 00:15:00

Test Type: Conventional Straddle (Reset)

Tester: Brett Dickinson

Unit No: 59

Interval: 3573.00 ft (KB) To 3640.00 ft (KB) (TVD)

Reference Elevations: 2125.00 ft (KB)

Total Depth: 3640.00 ft (KB) (TVD)

2120.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8319 Below (Straddle)

Press @ Run Depth: psig @ 3645.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.10.15

End Date: 2013.10.16

Last Calib.: 2013.10.16

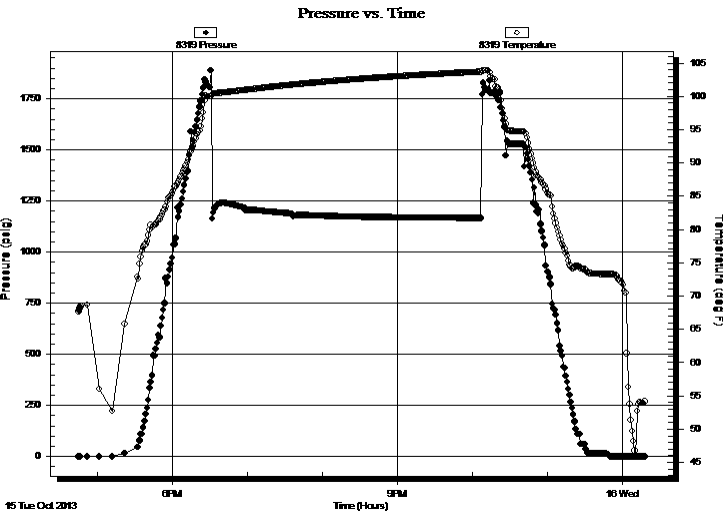
Start Time: 16:45:05

End Time: 00:17:59

Time On Btm:

Time Off Btm:

TEST COMMENT: IF-2" blow
IS- No blow
FF-3 3/4" blow
FS- No blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
75.00	SOCM 15%O 85%M	0.78
10.00	SGO 10%G 90%O	0.14

* 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 #2

Job Ticket: 55303

DST#: 2

ATTN: Randy Kilian

Test Start: 2013.10.15 @ 16:45:00

Tool Information

Drill Pipe:	Length: 3523.00 ft	Diameter: 3.80 inches	Volume: 49.42 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: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 49.57 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3573.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	3640.00 ft			
Interval between Packers:	67.00 ft			
Tool Length:	147.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description

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

Change Over Sub	1.00			3551.00	
Shut In Tool	5.00			3556.00	
Hydraulic tool	5.00			3561.00	
Safety Joint	3.00			3564.00	
Packer	4.00			3568.00	23.00 Bottom Of Top Packer
Packer	5.00			3573.00	
Stubb	1.00			3574.00	
Perforations	4.00			3578.00	
change Over Sub	1.00			3579.00	
Blank Spacing	32.00			3611.00	
change Over Sub	1.00			3612.00	
Recorder	0.00	8736	Inside	3612.00	
Recorder	0.00	6753	Outside	3612.00	
Perforations	24.00			3636.00	
Blank Off Sub	4.00			3640.00	67.00 Tool Interval
Packer	4.00			3644.00	
Stubb	1.00			3645.00	
Recorder	0.00	8319	Below	3645.00	
perforations	10.00			3655.00	
Change Over Sub	1.00			3656.00	
Blank Spacing	32.00			3688.00	
Change Over Sub	1.00			3689.00	
Perforations	5.00			3694.00	
Bullnose	3.00			3697.00	57.00 Bottom Packers & Anchor
Total Tool Length:	147.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Damar Resources Inc.

3-12s-17w Ellis,KS

PO Box 70
Hays KS 67601

Windholz #2

Job Ticket: 55303

DST#: 2

ATTN: Randy Kilian

Test Start: 2013.10.15 @ 16:45:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

35 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
75.00	SOCM 15%O 85%M	0.779
10.00	SGO 10%G 90%O	0.140

Total Length: 85.00 ft Total Volume: 0.919 bbl

Num Fluid Samples: 0

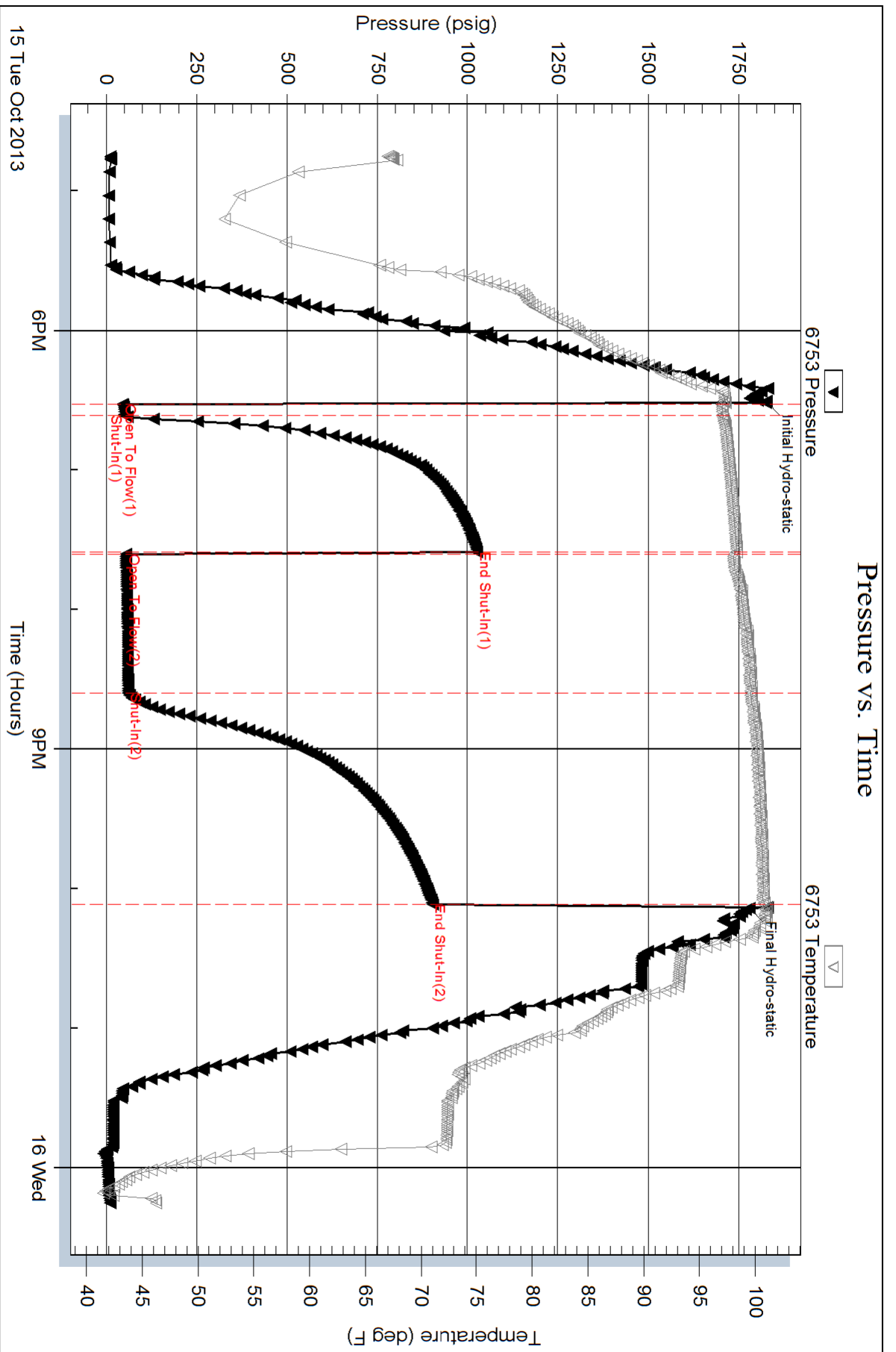
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



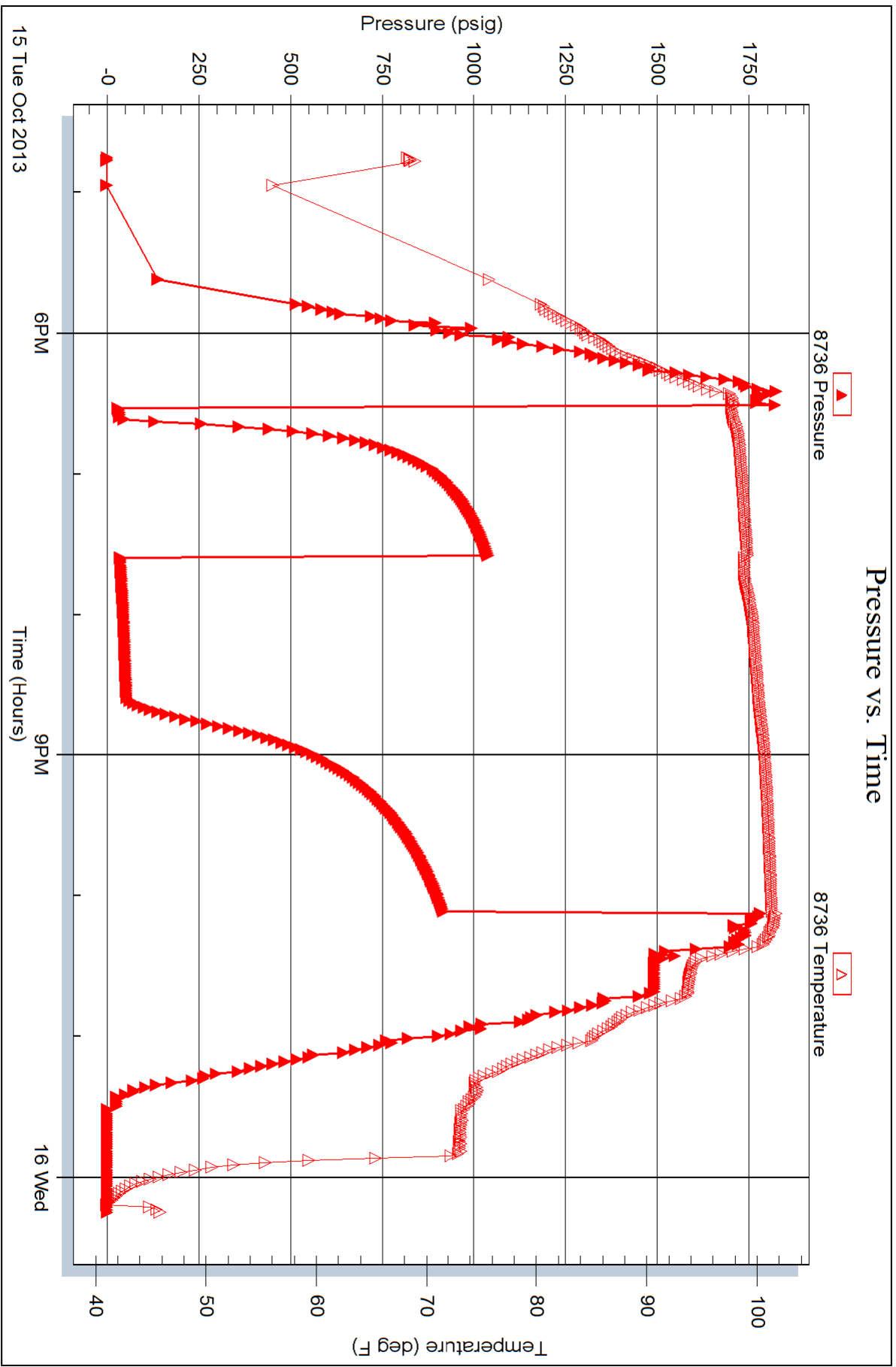
Serial #: 8736

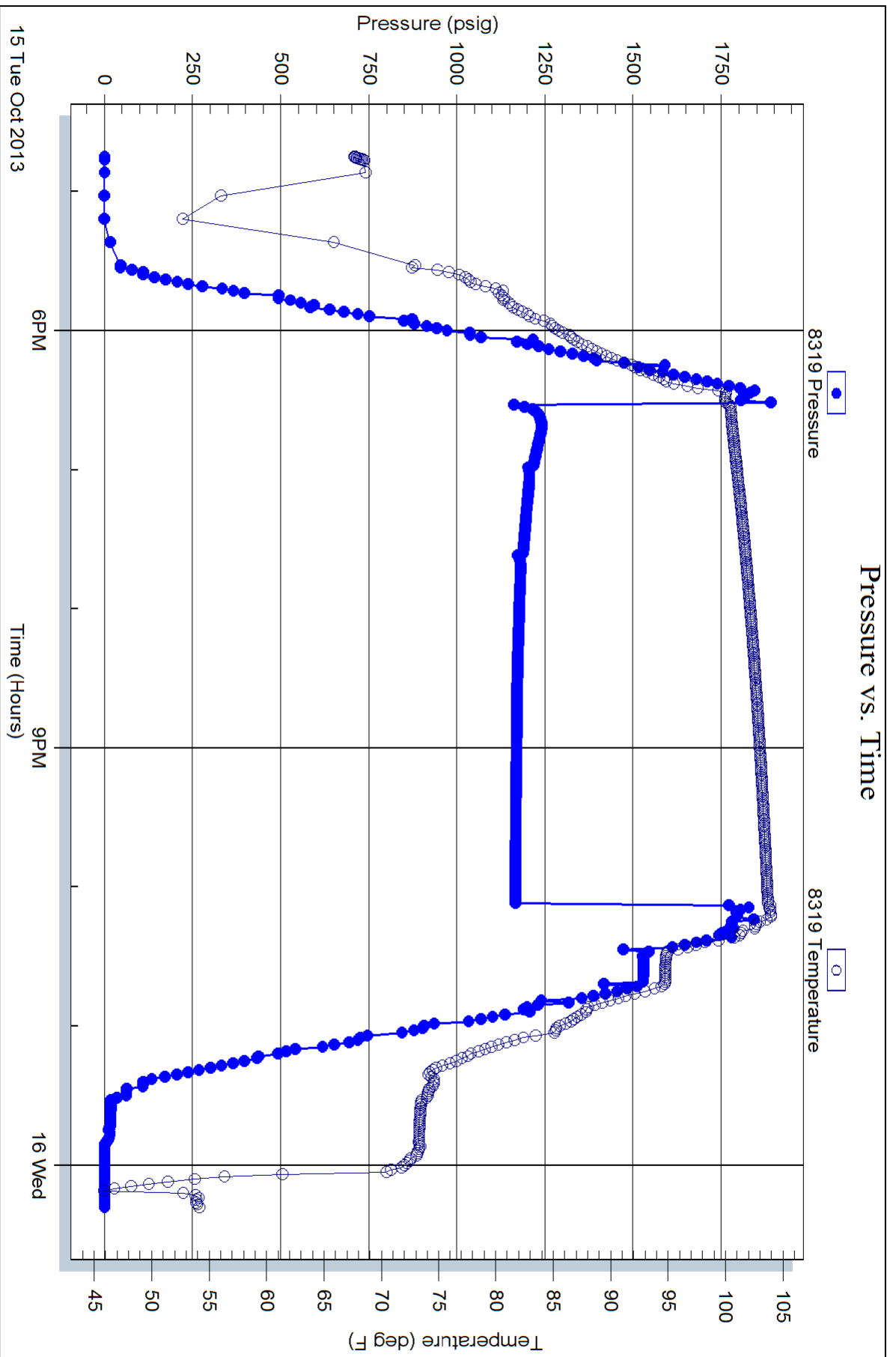
Inside

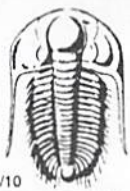
Damar Resources Inc.

Windhoz #2

DST Test Number: 2







TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 55302

Well Name & No. Windholz #2 Test No. 1 Date 10/14/13
 Company PaMar Resources, Inc. Elevation 2125 KB 2120 GL
 Address 234 W 11th St A PO Box 70 Hays KS 67601
 Co. Rep / Geo. Randy ~~Kilian~~ Kilian Rig Murkin #16
 Location: Sec. 3 Twp. 12 Rge. 17 Co. Ellis State KS

Interval Tested 3304-3460 Zone Tested Toronto - KC "E"
 Anchor Length 156 Drill Pipe Run _____ Mud Wt. 8.6
 Top Packer Depth 3299 Drill Collars Run 30 Vis 65
 Bottom Packer Depth 3304 Wt. Pipe Run _____ WL 7.2
 Total Depth 3460 Chlorides 1500 ppm System LCM _____
 Blow Description FF - 5in blow
ISF - No blow
EF - Bob in 10min
ESJ - 3in blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>190</u>	<u>56 OCM</u>	<u>5</u>	<u>30</u>	<u>65</u>	
<u>65</u>	<u>60 OCM</u>	<u>20</u>	<u>20</u>	<u>60</u>	
____	____	____	____	____	____
____	____	____	____	____	____
____	____	____	____	____	____

Rec Total 255 BHT 96 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1,635 Test 1150 T-On Location 8:30
 (B) First Initial Flow 41 Jars T-Started 8:55
 (C) First Final Flow 53 Safety Joint 75 T-Open 11:17
 (D) Initial Shut-In 992 Circ Sub T-Pulled 14:42
 (E) Second Initial Flow 60 Hourly Standby T-Out 16:45
 (F) Second Final Flow 124 Mileage 53.7 82.15 Comments _____
 (G) Final Shut-In 239 Sampler _____
 (H) Final Hydrostatic 1,591 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1307.15
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1307.15

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

Approved By _____ Our Representative Bua

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. **55303**

Well Name & No. Windholz #2 Test No. 2 Date 10/15/13
 Company DaMar Resources, Inc Elevation 2125 KB 2120 GL
 Address PO Box 70 Hays KS 67601
 Co. Rep / Geo. Randy Kilian Rig Marlin #16
 Location: Sec. 3 Twp. 12 Rge. 17 Co. Ellis State KS

Interval Tested 3573 - 3640 Zone Tested Arb
 Anchor Length 67 Drill Pipe Run _____ Mud Wt. 9.2
 Top Packer Depth 3568, 3573 Drill Collars Run 30 Vis 60
 Bottom Packer Depth 3640 Wt. Pipe Run _____ WL 8.0
 Total Depth 3694 Chlorides 4,000 ppm System LCM 27
 Blow Description IF - 2 in blow
ISL - No blow
FF - 3 3/4 in blow
BSF - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>560</u>	<u>10</u>	<u>90</u>		
<u>25</u>	<u>SOCM</u>		<u>15</u>		<u>85</u>
____	____	%gas	%oil	%water	%mud
____	____	%gas	%oil	%water	%mud
____	____	%gas	%oil	%water	%mud

Rec Total 85 BHT 108 Gravity 35 API RW _____ @ _____ °F Chlorides _____ ppm

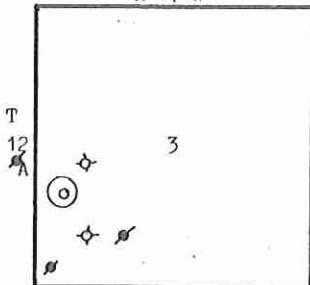
(A) Initial Hydrostatic 1,826 Test 1150 T-On Location 16:15
 (B) First Initial Flow 45 Jars _____ T-Started 16:45
 (C) First Final Flow 51 Safety Joint 75 T-Open 18:30
 (D) Initial Shut-In 1,027 Circ Sub _____ T-Pulled 22:05
 (E) Second Initial Flow 54 Hourly Standby _____ T-Out 00:15
 (F) Second Final Flow 60 Mileage 53.7 82.15 Comments _____
 (G) Final Shut-In 902 Sampler _____
 (H) Final Hydrostatic 1,780 Straddle 600 Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 5 Extra Recorder _____ Sub Total 0
 Initial Shut-In 60 Day Standby _____ Total 1907.15
 Final Flow 60 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 90 Sub Total 1907.15

Approved By _____ Our Representative Burt D...

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.

FORMATION TOPS & STRUCTURAL GEOLOGY

R 17 W



REFERRED TO:
 MURFIN DRILLING CO.
 Bemis #1 NE NE SE 4

A: _____
 B: _____
 C: _____
 D: _____
 E: _____

STRATIGRAPHIC MARKERS	SUBJECT WELL			STRUCTURAL POSITION				
	SAMPLE	E. LOG	DATUM	A	B	C	D	E
Anhydrite	1342'	1339'	+ 786	+ 777				
Base	1378'	1376'	+ 749	+ 743				
Topeka	3071'	3064'	- 939	- 945				
Heeb. Sh.	3306'	3299'	-1174	-1180				
Toronto	3328'	3320'	-1195	-1202				
Lansing	3351'	3344'	-1219	-1227				
PKc.	3583'	3576'	-1451	-1462				
Arbuckle	3616'	3605'	-1480	-1495				
TD.	3700'	3694'	-1569	-1597				

Board correction and pipe strap raises all tops below the anhydrite by 4'. The geologist log does NOT show this correction.

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

SUMMARY

The Windholz #2 well was drilled with Murfin Drilling Co. tools rig #16 beginning 10-10-13 and drilling was completed 10-17-13.

The drill site was located via a 3-D seismic survey.

The well ran high structurally to all nearby wells.

Four zones appeared to develop in the LKc Group. DST #1 over the Toronto through the LKc G was a somewhat positive test along with DST #2 over the upper 35' of Arbuckle.

Based upon all data, 5 1/2" casing was set and cemented to further test the well.

Recommended perms: Arbuckle 3643-50', 3618-32', LKc J 3525-28', 3507-10', G 3422-40', C 3376-79', and before abandoning, D 3401-05'.

Sincerely,

Randy
 Randall Kilian

DAILY REPORT

DATE: 7 a.m. Depth RIG ACTIVITY

10-10-13		MIRU, Spud
10-11-13	305'	WOC
10-12-13	1840'	Drilling sand & shale
10-13-13	2830'	Drilling lime & shale
10-14-13	3460'	DST #1 Tor-Lkc-G
10-15-13	3640'	Drilling Arbuckle
10-16-13	3700'	TD, Logged, DST #2, Set pipe

DRILL STEM TESTS

NO	INTERVAL	IFT/TIME	ISIP/TIME	FFP/TIME	FSIP/TIME	HP/FHP	RECOVERY
1	Tor-G 3304- 3460'	41# 53# 5"	992# 60" 60"	60# 124# 60"	739# 90"	1635# 1591#	255' G&O, C, Mud 30%
2	Arbuckle 3573- 3640'	45# 51# 5"	1027# 60" 60"	54# 60# 60"	902# 90"	1826# 1780#	10' Oil 75' O, C, Mud 15% oil
3							
4							
5							
6							
7							
8							

MUD RECORD				BIT RECORD									
CHK	DEPTH	WT	VIS	FL	CHL	YP	NO	SIZE	MAKE	TYPE	DEPTH	FEET	HOURS
	1	2792'											
	2	2977'	8.6	65	7.2	1.5k	25		Varel	CH10MS	305'	305'	3 1/2
	3	3110'	8.8	64					FTCo.	GX20C	3700'	3795'	66 1/2
	4	3240'	8.8	62									
	5	3370'	8.9	59									
	6	3460'	9.1	51	8.0	2k	14						
	7	3570'	9.1	65									
	8	3680'	9.1	57									
	9	3700'	9.2	60	8.0	4k	25						
	10												
	11												

Displaced
LCM 2#

LCM 1 1/2#

LCM 2# \$17,196

FORI

T
12
A



STRATIG
MARKE

- Arhyde
- Base
- Topeka
- Heeb
- Toront
- Lansin
- PKc.
- Arbuck
- TD.

Board
anhydr
correct

*Structura

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 #2
FIELD Bemis-Shutts
LOCATION (legal) Ap. NE SW NW SW
(1710' FSL & 490' FWL)
Section 3 TWP 12S RGE 17W
(Map) 1 1/2 mi E & 7 mi N of Catherine, Ks.
COUNTY Ellis STATE Kansas
ELEVATION: 2125' K.B., 2120' G.L.
Depths measured from Kelly Bushing
A. P. I. NUMBER 15-051-26620
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/ 220 sx Common

PRODUCTION 5 1/2" @ 3689' w/ 145 sx Common
PC @ 1328'

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

TYPE: Chemical

REMARKS: Full service

DRILL STEM TESTS: COMPANY Trilobite Testing Inc.
(Brett Dickinson)

NUMBER OF TESTS Two (2)

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" @ 305', 1" @ 3460',
1" @ 3700'

PLUGGING REPORT 30 sx Rat

RESERVE PIT 700 bbls., Chl. 72,000 Ca. 1,000

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. 7537

Date	10-16-13	Sec.	3	Twp.	12	Range	17	County	Ellis	State	KS	On Location		Finish	11:15 AM
------	----------	------	---	------	----	-------	----	--------	-------	-------	----	-------------	--	--------	----------

Lease Winholtz Location Cadell Rd + Buckeye Rd 2 N 1/2 W Nino

Lease		Well No.	42	Owner	
-------	--	----------	----	-------	--

Contractor	Martin #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	Production String	Charge To	Damar Resources
----------	-------------------	-----------	-----------------

Hole Size	7 3/4	T.D.	3700	Street	
-----------	-------	------	------	--------	--

Csg.	5 1/2	Depth	3696	City		State	
------	-------	-------	------	------	--	-------	--

Tbg. Size		Depth		The above was done to satisfaction and supervision of owner agent or contractor.		
-----------	--	-------	--	--	--	--

Tool	Port collar	Depth	1330'	Cement Amount Ordered	175 com 10% Salt 5% Gilsomite
------	-------------	-------	-------	-----------------------	-------------------------------

Cement Left in Csg.	21	Shoe Joint	21		
---------------------	----	------------	----	--	--

Meas Line		Displace	89 1/2 bbl	500 gal mud Clew -48
-----------	--	----------	------------	----------------------

EQUIPMENT

Pumptrk	17	No.	Cementer		Common
			Helper	Cody	Poz. Mix
Bulktrk	14	No.	Driver	Lonnix M	Gel.
			Driver		
Bulktrk	P4	No.	Driver	Brett	Calcium
			Driver		

JOB SERVICES & REMARKS

Remarks:		Hulls	
----------	--	-------	--

Rat Hole	-30 _{gs}	Salt	15
----------	-------------------	------	----

Mouse Hole	-15 _{gs}	Flowseal	
------------	-------------------	----------	--

Centralizers	-1, 3, 5, 7, 9, 11 + 57	Kol-Seal	825 #
--------------	-------------------------	----------	-------

Baskets	2, 12 + 57	Mud CLR 48	-500 Gal
---------	------------	------------	----------

Port Collar	57 @ 1330'	CFL-117 or CD110 CAF 38	- KCL 20 bbl
-------------	------------	-------------------------	--------------

		Sand	
--	--	------	--

		Handling	198
--	--	----------	-----

		Mileage	5 1/2
--	--	---------	-------

		FLOAT EQUIPMENT	
--	--	------------------------	--

		Guide Shoe	
--	--	------------	--

		Centralizer	- 7
--	--	-------------	-----

		Baskets	- 3
--	--	---------	-----

		AFU Inserts	
--	--	-------------	--

		Float Shoe	- 1
--	--	------------	-----

		Latch Down	- 1 + plug
--	--	------------	------------

		Rubber Plug	- 1
--	--	-------------	-----

		1 float collar	
--	--	----------------	--

		Pumptrk Charge	prod long string
--	--	----------------	------------------

		Mileage	21
--	--	---------	----

		Tax	
--	--	-----	--

		Discount	
--	--	----------	--

		Total Charge	
--	--	--------------	--

X Signature Ann Weasley

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. 7553

Date	10-25-13	Sec.	21	Twp.	13	Range	17	County	Ellis	State	Ks	On Location		Finish	3:00 PM
Drilling unit								Location Toulon + I-70 - N to Vineyard Rd, 2E							
Lease	Well No.			1											
Contractor	Discovery #1			Owner to 310 Rd, 1/2 N, 1/4 E into To Quality Oilwell Cementing, Inc.											
Type Job	Surface			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.	1230'			Charge To Damar Resources							
Csg.	8 5/8"			Depth	1230'			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.	33'			Shoe Joint	33'			Cement Amount Ordered 450 sx Common 3% cc							
Meas Line	Displace			76 1/4 BLS 2% Gel											
EQUIPMENT								Common 450							
Pumptrk	16 No. Cementer Billy			Poz. Mix											
Bulktrk	12 No. Driver David			Gel. 9											
Bulktrk	p.u. No. Driver Rick			Calcium 16											
JOB SERVICES & REMARKS								Hulls							
Remarks:	Cement did Circulate			Salt											
Rat Hole				Flowseal											
Mouse Hole				Kol-Seal											
Centralizers				Mud CLR 48											
Baskets				CFL-117 or CD110 CAF 38											
D/V or Port Collar				Sand											
				Handling 475											
				Mileage											
FLOAT EQUIPMENT															
				Guide Shoe											
				Centralizer											
				Baskets											
				AFU Inserts											
				Float Shoe											
				Latch Down											
				1- Baffle plate											
				1- Rubber plunger											
				Pumptrk Charge 1000 Surface											
				Mileage 9											
												Tax			
												Discount			
												Total Charge			
Signature Cliff Maxfield															

QUALITY OILWELL CEMENTING, INC.

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

Federal Tax I.D.# 20-2886107

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

No. 7476

Date <u>11-14-13</u>	Sec.	Twp.	Range	County <u>Ellis</u>	State <u>KS</u>	On Location	Finish <u>11:45 AM</u>
Lease <u>Windhole</u>				Location <u>Buckeye Rd + Colby Rd 20 1/2 mi W into</u>			

Contractor <u>Express</u>	Well No. <u>#2</u>	Owner
Type Job <u>Port Collar</u>		To Quality Oilwell Cementing, Inc.
Hole Size <u>7 7/8</u>	T.D.	You are hereby requested to rent cementing equipment and furnish
Csg. <u>5 1/2</u>	Depth	cement and helper to assist owner or contractor to do work as listed.
Tbg. Size <u>2 7/8</u>	Depth	Charge To <u>Damar Resources</u>
Tool <u>Dans Packer Cok</u>	Depth <u>1323</u>	Street
Cement Left in Csg.	Shoe Joint	City
Meas Line	Displace <u>63C</u>	State

The above was done to satisfaction and supervision of owner agent or contractor.
Cement Amount Ordered 200 GPMIX 14710

USED 1325K

EQUIPMENT		
Pumptrk <u>15</u>	No.	Cementer Helper <u>raig</u>
Bulktrk	No.	Driver <u>Nick</u>
Bulktrk <u>1</u>	No.	Driver <u>Chad</u>

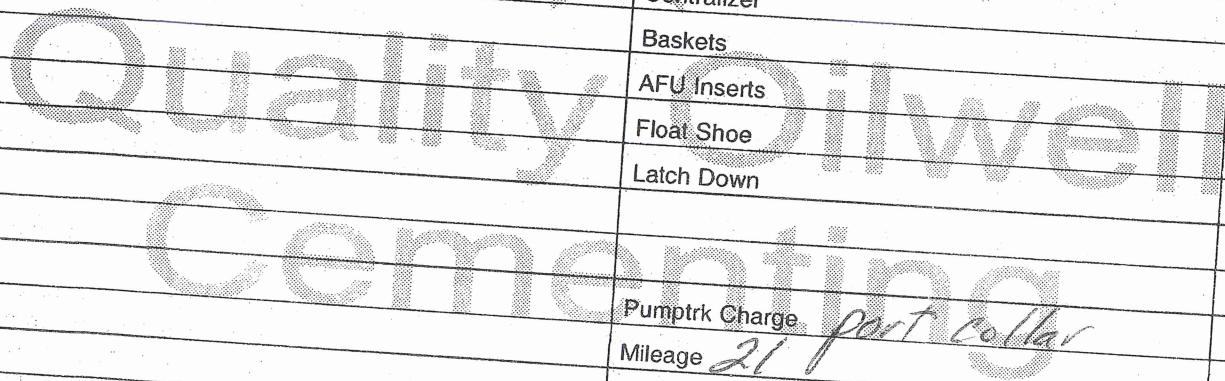
Common
Poz. Mix
Gel.
Calcium
Hulls
Salt
Flowseal
Kol-Seal <u>50H</u>
Mud CLR 48
CFL-117 or CD110 CAF 38
Sand
Handling
Mileage

JOB SERVICES & REMARKS

Remarks:
Rat Hole
Mouse Hole
Centralizers
Baskets
D/V or Port Collar
Test to pack Ann Oil out of
Help Ann help mix cement
Cement Ann's test - close test
Test to pack Ann 5 joints & wash
Clear.

FLOAT EQUIPMENT

Guide Shoe
Centralizer
Baskets
AFU Inserts
Float Shoe
Latch Down



Pumptrk Charge part collar
Mileage 21

Signature Ann Wender Good Job!!

Tax
Discount
Total Charge