



DRILL STEM TEST REPORT

Prepared For: **DaMar Resources Inc**

PO Box 70
Hays KS 67601-3805

ATTN: Curtis Longpine, Kurt

McRae #2

34-12s-18w Ellis,KS

Start Date: 2013.12.15 @ 17:15:36

End Date: 2013.12.16 @ 00:20:30

Job Ticket #: 55459 DST #: 1

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

Printed: 2013.12.18 @ 15:41:20



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

DaMar Resources Inc

34-12s-18w Ellis,KS

PO Box 70
Hays KS 67601-3805

McRae #2

Job Ticket: 55459

DST#: 1

ATTN: Curtis Longpine, Kurt

Test Start: 2013.12.15 @ 17:15:36

GENERAL INFORMATION:

Formation: **LKC A**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:55:01

Time Test Ended: 00:20:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Ray Schwager

Unit No: 70

Interval: 3358.00 ft (KB) To 3448.00 ft (KB) (TVD)

Reference Elevations: 2127.00 ft (KB)

Total Depth: 3448.00 ft (KB) (TVD)

2122.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8369 Inside

Press@RunDepth: 48.97 psig @ 3362.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.12.15

End Date:

2013.12.16

Last Calib.: 2013.12.16

Start Time: 17:15:36

End Time:

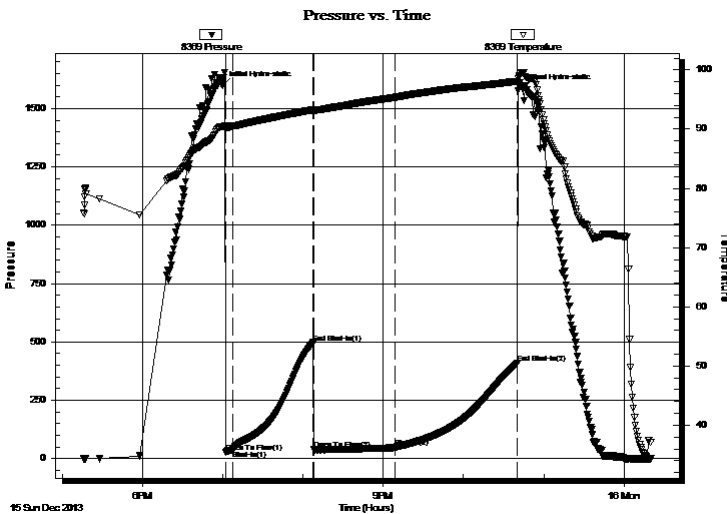
00:20:30

Time On Btm: 2013.12.15 @ 18:59:46

Time Off Btm: 2013.12.15 @ 22:44:30

TEST COMMENT: 5-IFP-w kbl thru-out 1/2" to 2 1/2" bl
60-ISIP-no bl bk
60-FFP-w k bl thru-out 1/4" to 2 1/2" bl
90-FSIP-no bl bk

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1597.80	90.46	Initial Hydro-static
3	27.39	90.21	Open To Flow (1)
8	36.93	90.59	Shut-In(1)
68	496.95	93.28	End Shut-In(1)
69	39.81	93.22	Open To Flow (2)
129	48.97	95.37	Shut-In(2)
221	408.23	98.09	End Shut-In(2)
225	1583.91	99.58	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	O&GCM 5%G15%O80%M	0.57
1.00	CO	0.01
0.00	60'GIP	0.00

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 67601-3805
 ATTN: Curtis Longpine, Kurt

34-12s-18w Ellis, KS
McRae #2
 Job Ticket: 55459 **DST#: 1**
 Test Start: 2013.12.15 @ 17:15:36

GENERAL INFORMATION:

Formation: **LKC A**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 18:55:01 Tester: Ray Schwager
 Time Test Ended: 00:20:30 Unit No: 70
 Interval: **3358.00 ft (KB) To 3448.00 ft (KB) (TVD)** Reference Elevations: 2127.00 ft (KB)
 Total Depth: 3448.00 ft (KB) (TVD) 2122.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

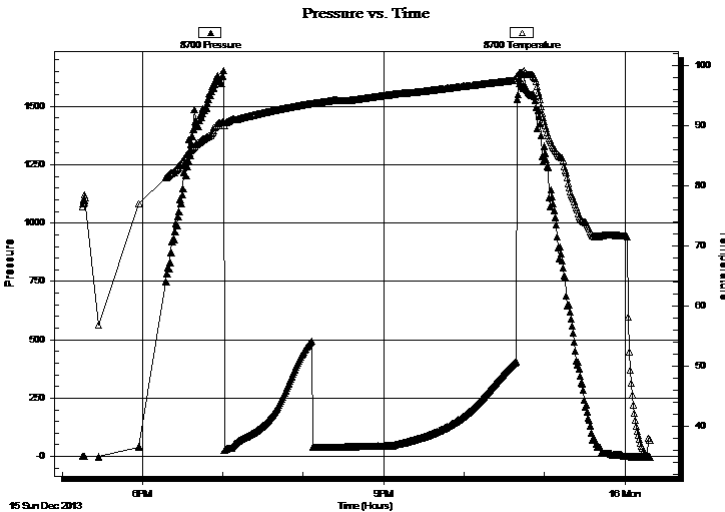
Serial #: 8700

Outside

Press@RunDepth: psig @ 3362.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.12.15 End Date: 2013.12.16 Last Calib.: 2013.12.16
 Start Time: 17:15:26 End Time: 00:18:50 Time On Btm:
 Time Off Btm:

TEST COMMENT: 5-IFP-w kbl thru-out 1/2" to 2 1/2" bl
 60-ISIP-no bl bk
 60-FFP-w k bl thru-out 1/4" to 2 1/2" bl
 90-FSIP-no bl bk

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
60.00	O&GCM 5%G15%O80%M	0.57
1.00	CO	0.01
0.00	60'GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

DaMar Resources Inc

34-12s-18w Ellis,KS

PO Box 70
Hays KS 67601-3805

McRae #2

Job Ticket: 55459

DST#: 1

ATTN: Curtis Longpine, Kurt

Test Start: 2013.12.15 @ 17:15:36

Tool Information

Drill Pipe:	Length: 3319.00 ft	Diameter: 3.80 inches	Volume: 46.56 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 46.71 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 47000.00 lb
Depth to Top Packer:	3358.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	90.00 ft			
Tool Length:	116.00 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			3333.00	
Shut In Tool	5.00			3338.00	
Hydraulic tool	5.00			3343.00	
Jars	5.00			3348.00	
Packer	5.00			3353.00	26.00 Bottom Of Top Packer
Packer	5.00			3358.00	
Stubb	1.00			3359.00	
Perforations	3.00			3362.00	
Recorder	0.00	8369	Inside	3362.00	
Recorder	0.00	8700	Outside	3362.00	
Blank Spacing	64.00			3426.00	
Perforations	19.00			3445.00	
Bullnose	3.00			3448.00	90.00 Bottom Packers & Anchor

Total Tool Length: 116.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

DaMar Resources Inc

34-12s-18w Ellis,KS

PO Box 70
Hays KS 67601-3805

McRae #2

Job Ticket: 55459

DST#: 1

ATTN: Curtis Longpine, Kurt

Test Start: 2013.12.15 @ 17:15:36

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: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.15 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	O&GCM 5%G15%O80%M	0.568
1.00	CO	0.014
0.00	60'GIP	0.000

Total Length: 61.00 ft Total Volume: 0.582 bbl

Num Fluid Samples: 0

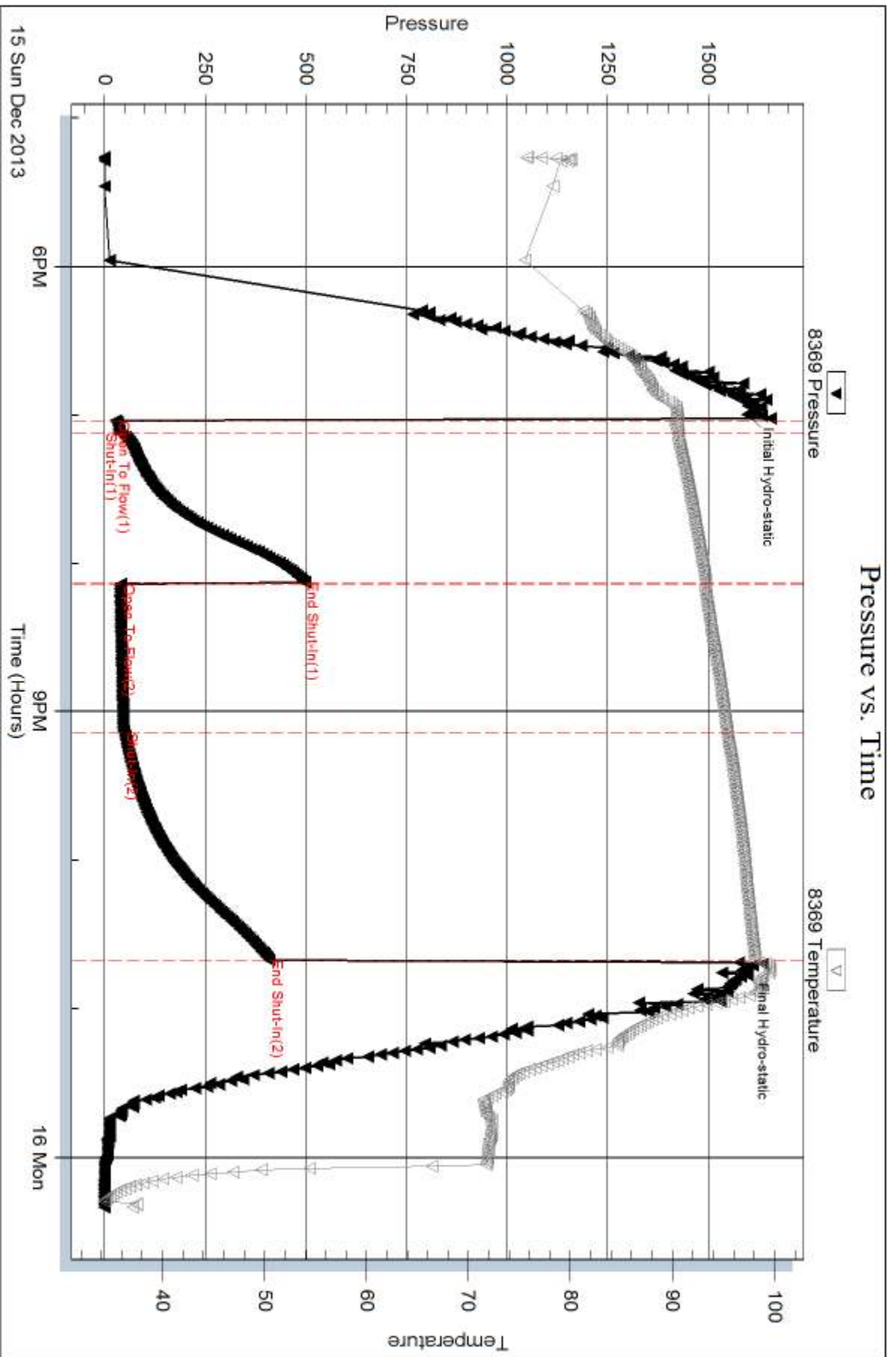
Num Gas Bombs: 0

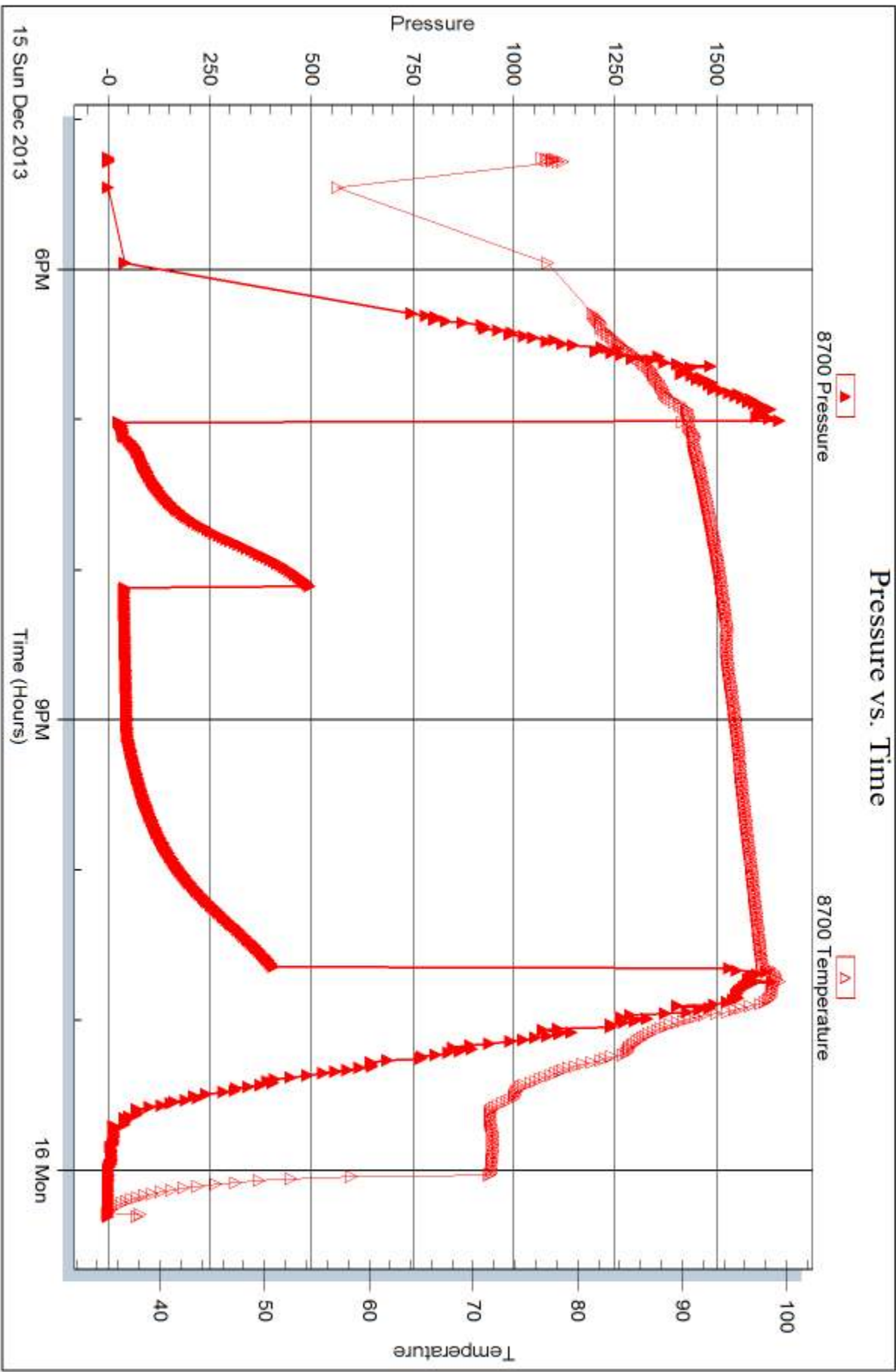
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **DaMar Resources Inc**

PO Box 70
Hays KS 67601-3805

ATTN: Curtis Longpine, Kurt

McRae #2

34-12s-18w Ellis,KS

Start Date: 2013.12.16 @ 09:50:43

End Date: 2013.12.16 @ 16:36:52

Job Ticket #: 55460 DST #: 2

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

Printed: 2013.12.18 @ 15:40:50



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

DaMar Resources Inc

34-12s-18w Ellis,KS

PO Box 70
Hays KS 67601-3805

McRae #2

Job Ticket: 55460

DST#: 2

ATTN: Curtis Longpine, Kurt

Test Start: 2013.12.16 @ 09:50:43

GENERAL INFORMATION:

Formation: **LKC E-G**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:37:23

Time Test Ended: 16:36:52

Test Type: Conventional Bottom Hole (Reset)

Tester: Ray Schwager

Unit No: 70

Interval: 3446.00 ft (KB) To 3510.00 ft (KB) (TVD)

Total Depth: 3510.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2127.00 ft (KB)

2122.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8369

Inside

Press@RunDepth: 55.54 psig @ 3450.00 ft (KB)

Start Date: 2013.12.16

End Date:

2013.12.16

Start Time: 09:50:43

End Time:

16:36:52

Capacity: 8000.00 psig

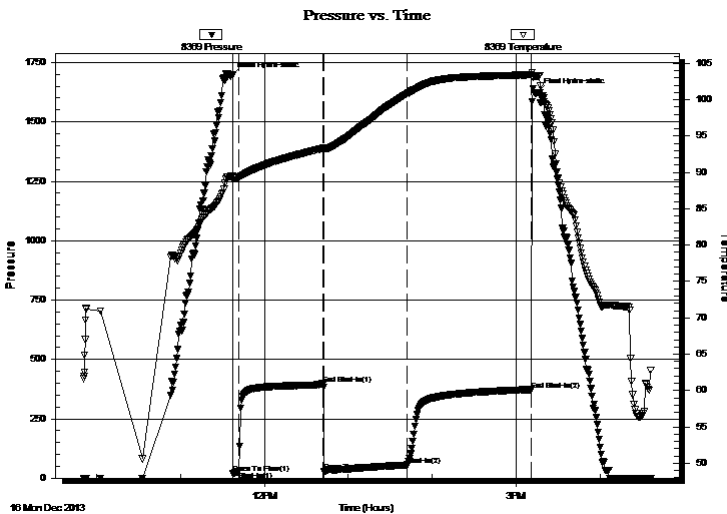
Last Calib.: 2013.12.16

Time On Btm: 2013.12.16 @ 11:35:38

Time Off Btm: 2013.12.16 @ 15:15:07

TEST COMMENT: 5-IFP-w k bl thru-out 1/4" to 1" bl
60-ISIP-no bl bk
60-FFP-w k bl thru-out 1/4" to 1 1/2" bl
90-FSIP-no bl bk

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1691.50	89.45	Initial Hydro-static
2	19.08	88.96	Open To Flow (1)
6	29.81	89.37	Shut-In(1)
67	397.78	93.32	End Shut-In(1)
67	29.63	93.23	Open To Flow (2)
127	55.54	100.81	Shut-In(2)
216	372.31	103.44	End Shut-In(2)
220	1623.10	103.26	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	MW 25%M75%W	0.71
1.00	CO	0.01

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

34-12s-18w Ellis,KS

PO Box 70
Hays KS 67601-3805

McRae #2

Job Ticket: 55460

DST#: 2

ATTN: Curtis Longpine, Kurt

Test Start: 2013.12.16 @ 09:50:43

Tool Information

Drill Pipe:	Length: 3418.00 ft	Diameter: 3.80 inches	Volume: 47.95 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 48.10 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3446.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	64.00 ft			
Tool Length:	90.00 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			3421.00	
Shut In Tool	5.00			3426.00	
Hydraulic tool	5.00			3431.00	
Jars	5.00			3436.00	
Packer	5.00			3441.00	26.00 Bottom Of Top Packer
Packer	5.00			3446.00	
Stubb	1.00			3447.00	
Perforations	3.00			3450.00	
Recorder	0.00	8369	Inside	3450.00	
Recorder	0.00	8700	Outside	3450.00	
Blank Spacing	33.00			3483.00	
Perforations	24.00			3507.00	
Bullnose	3.00			3510.00	64.00 Bottom Packers & Anchor

Total Tool Length: 90.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

DaMar Resources Inc

34-12s-18w Ellis,KS

PO Box 70
Hays KS 67601-3805

McRae #2

Job Ticket: 55460

DST#: 2

ATTN: Curtis Longpine, Kurt

Test Start: 2013.12.16 @ 09:50:43

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

50000 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.14 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	MW 25%M75%W	0.709
1.00	CO	0.014

Total Length: 71.00 ft Total Volume: 0.723 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

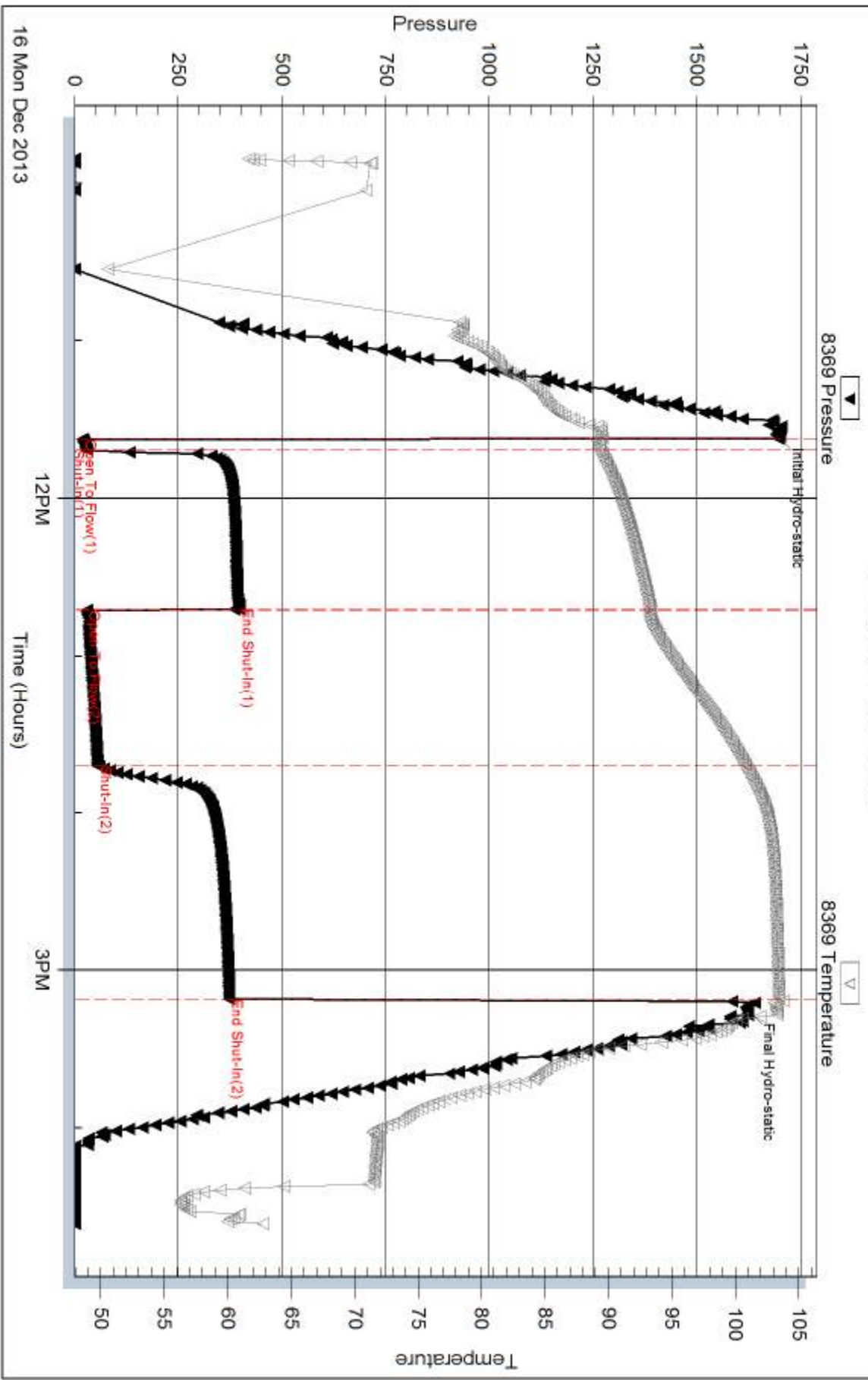
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .2@53F

Pressure vs. Time

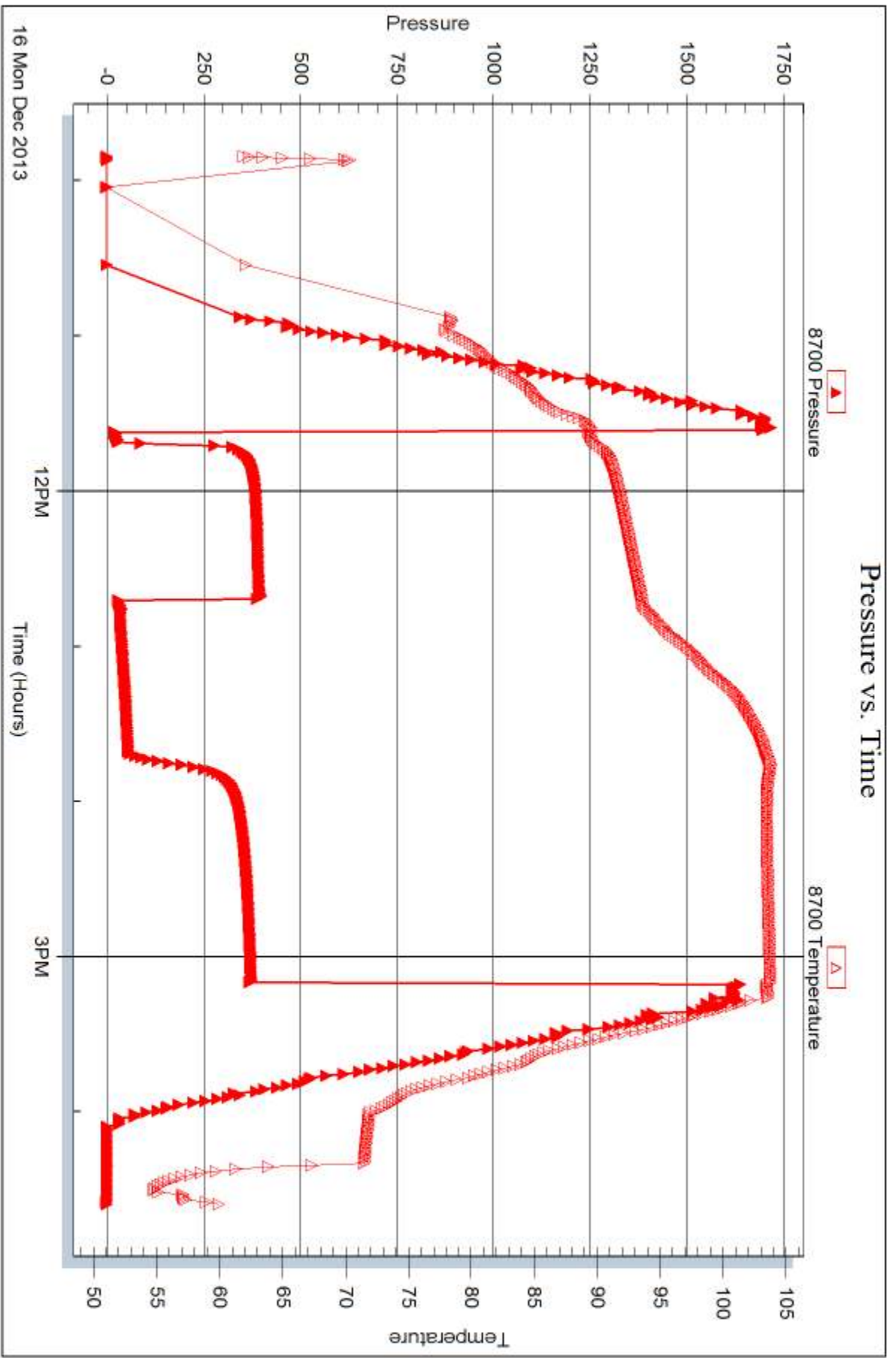


Serial #: 8700

Outside DaMar Resources Inc

McRae #2

DST Test Number: 2



Tribble Testing, Inc

Ref. No: 55460

Printed: 2013.12.18 @ 15:40:53



DRILL STEM TEST REPORT

Prepared For: **DaMar Resources Inc**

PO Box 70
Hays KS 67601-3805

ATTN: Curtis Longpine, Kurt

McRae #2

34-12s-18w Ellis,KS

Start Date: 2013.12.17 @ 07:10:25

End Date: 2013.12.17 @ 12:32:49

Job Ticket #: 55461 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.12.18 @ 15:39:59



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

DaMar Resources Inc

34-12s-18w Ellis,KS

PO Box 70
Hays KS 67601-3805

McRae #2

Job Ticket: 55461

DST#: 3

ATTN: Curtis Longpine, Kurt

Test Start: 2013.12.17 @ 07:10:25

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:07:05

Time Test Ended: 12:32:49

Test Type: Conventional Bottom Hole (Reset)

Tester: Ray Schwager

Unit No: 70

Interval: 3670.00 ft (KB) To 3686.00 ft (KB) (TVD)

Reference Elevations: 2127.00 ft (KB)

Total Depth: 3686.00 ft (KB) (TVD)

2122.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8369 Inside

Press@RunDepth: 20.92 psig @ 3671.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.12.17

End Date:

2013.12.17

Last Calib.: 2013.12.17

Start Time: 07:10:25

End Time:

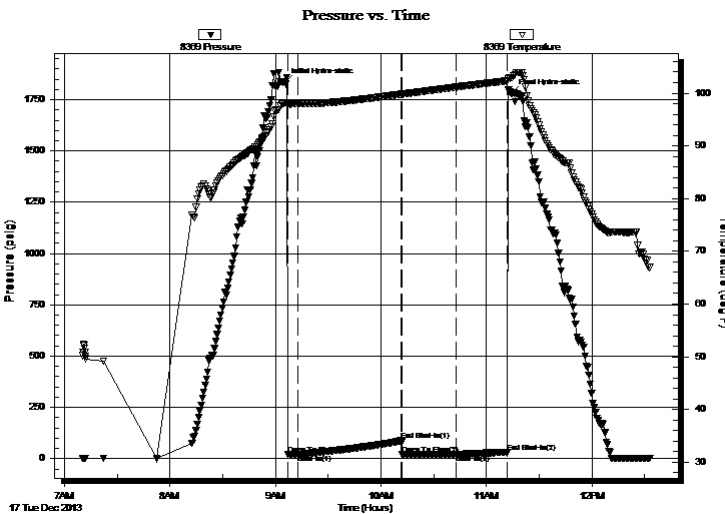
12:32:49

Time On Btm: 2013.12.17 @ 09:05:20

Time Off Btm: 2013.12.17 @ 11:14:20

TEST COMMENT: 5-IFP-surface bl thru-out
60-ISIP-no bl bk
30-FFP-no bl , flushed tool, got surge
30-FSIP-no bl bk

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1830.92	98.17	Initial Hydro-static
2	19.29	97.79	Open To Flow (1)
8	19.86	97.98	Shut-In(1)
67	87.45	99.80	End Shut-In(1)
67	20.38	99.80	Open To Flow (2)
98	20.92	101.14	Shut-In(2)
127	31.97	102.32	End Shut-In(2)
129	1780.34	102.96	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	Mud	0.00

* 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 67601-3805
 ATTN: Curtis Longpine, Kurt

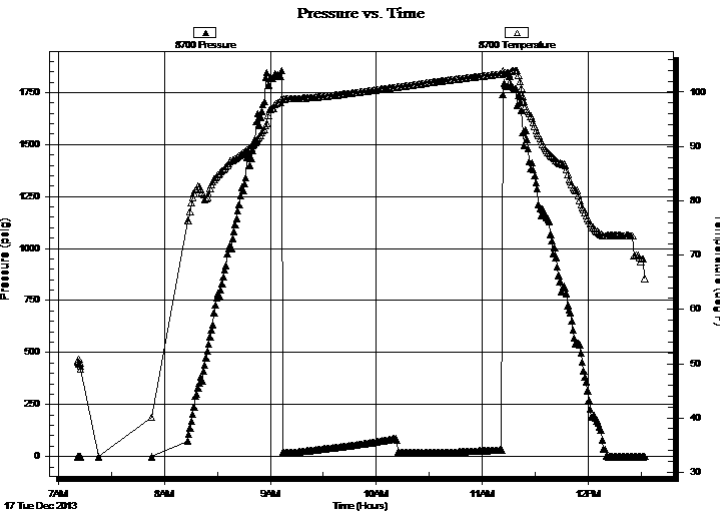
34-12s-18w Ellis, KS
McRae #2
 Job Ticket: 55461 **DST#: 3**
 Test Start: 2013.12.17 @ 07:10:25

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 09:07:05 Tester: Ray Schwager
 Time Test Ended: 12:32:49 Unit No: 70
 Interval: **3670.00 ft (KB) To 3686.00 ft (KB) (TVD)** Reference Elevations: 2127.00 ft (KB)
 Total Depth: 3686.00 ft (KB) (TVD) 2122.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

Serial #: 8700 Outside
 Press@RunDepth: psig @ 3671.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.12.17 End Date: 2013.12.17 Last Calib.: 2013.12.17
 Start Time: 07:10:58 End Time: 12:32:07 Time On Btm:
 Time Off Btm:

TEST COMMENT: 5-IFP-surface bl thru-out
 60-ISIP-no bl bk
 30-FFP-no bl , flushed tool, got surge
 30-FSIP-no bl bk



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
1.00	Mud	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

34-12s-18w Ellis,KS

PO Box 70
Hays KS 67601-3805

McRae #2

Job Ticket: 55461

DST#: 3

ATTN: Curtis Longpine, Kurt

Test Start: 2013.12.17 @ 07:10:25

Tool Information

Drill Pipe:	Length: 3640.00 ft	Diameter: 3.80 inches	Volume: 51.06 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 51.21 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3670.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	16.00 ft			
Tool Length:	42.00 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			3645.00	
Shut In Tool	5.00			3650.00	
Hydraulic tool	5.00			3655.00	
Jars	5.00			3660.00	
Packer	5.00			3665.00	26.00 Bottom Of Top Packer
Packer	5.00			3670.00	
Stubb	1.00			3671.00	
Recorder	0.00	8369	Inside	3671.00	
Recorder	0.00	8700	Outside	3671.00	
Perforations	12.00			3683.00	
Bullnose	3.00			3686.00	16.00 Bottom Packers & Anchor

Total Tool Length: 42.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

DaMar Resources Inc

34-12s-18w Ellis,KS

PO Box 70
Hays KS 67601-3805

McRae #2

Job Ticket: 55461

DST#: 3

ATTN: Curtis Longpine, Kurt

Test Start: 2013.12.17 @ 07:10:25

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: 55.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.76 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	Mud	0.005

Total Length: 1.00 ft Total Volume: 0.005 bbl

Num Fluid Samples: 0

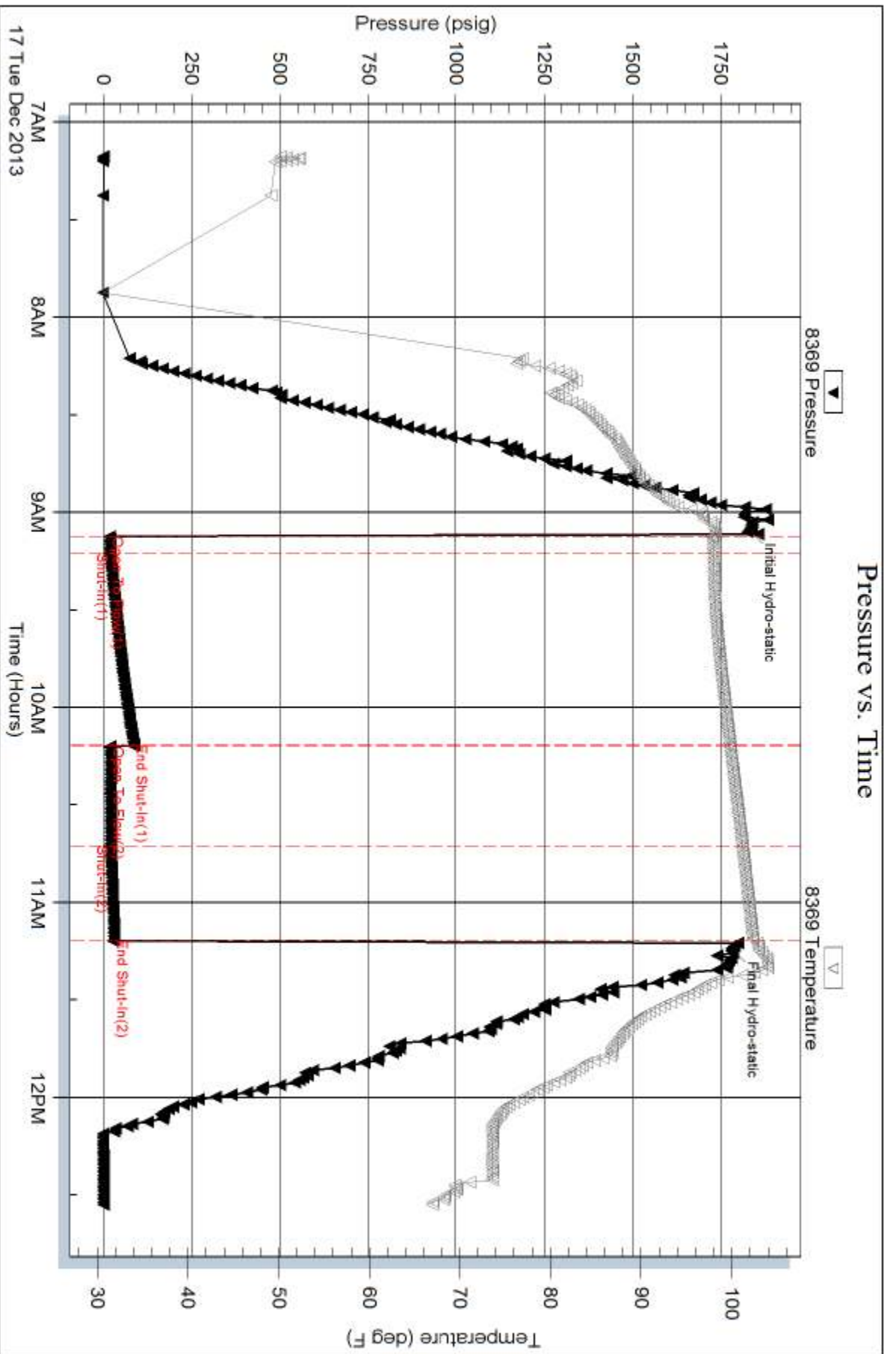
Num Gas Bombs: 0

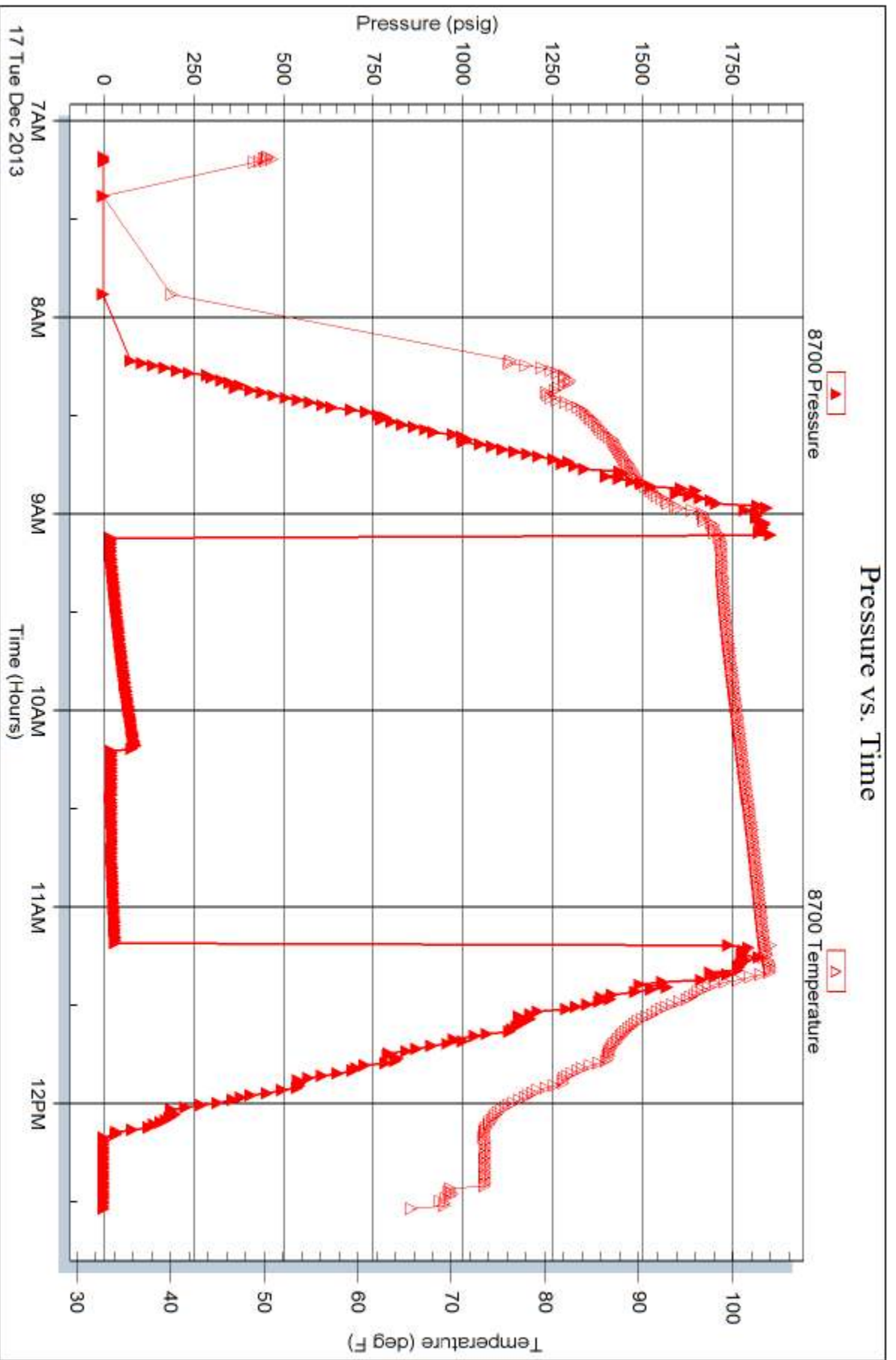
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 55459

Well Name & No. McRae #2 Test No. 1 Date 12-15-13
 Company DAMAR RESOURCES INC Elevation 2127 KB 2122 GL
 Address 234 W. 11TH ST EA PO Box 70 Hays, Ks 67601-3805
 Co. Rep / Geo. KURT TALBATT Rig MURFIN rig 16
 Location: Sec. 34 Twp. 12^S Rge. 18^W Co. ELLIS State Ks

Interval Tested 3358-3448 Zone Tested LKC "A"
 Anchor Length 90 Drill Pipe Run 3319 Mud Wt. 9
 Top Packer Depth 3353 Drill Collars Run 30 Vis 54
 Bottom Packer Depth 3358 Wt. Pipe Run - WL 7.2
 Total Depth 3448 Chlorides 5000 ppm System LCM 1/2#
 Blow Description IFF - WEAK Blow thru-out 1/2" To 2 1/2" Blow
ISIP - NO Blow
FFP - WEAK Blow thru-out 1/4" To 2 1/2" Blow
FSTIP - NO Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>GIP</u>				
<u>1</u>	<u>CO</u>				
<u>60</u>	<u>0+6CM</u>	<u>5</u>	<u>15</u>		<u>80</u>

Rec Total 61 BHT _____ Gravity - API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic <u>1597</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>1610</u>
(B) First Initial Flow <u>27</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>1715</u>
(C) First Final Flow <u>36</u>	<input type="checkbox"/> Safety Joint _____	T-Open <u>1855</u>
(D) Initial Shut-In <u>496</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>2230</u>
(E) Second Initial Flow <u>39</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>0020</u>
(F) Second Final Flow <u>48</u>	<input checked="" type="checkbox"/> Mileage <u>18 RT</u> 27.90	Comments _____
(G) Final Shut-In <u>408</u>	<input type="checkbox"/> Sampler _____	<input type="checkbox"/> Ruined Shale Packer _____
(H) Final Hydrostatic <u>1583</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Packer _____
Initial Open <u>5</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Extra Copies _____
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Packer _____	Sub Total <u>0</u>
Final Flow <u>60</u>	<input type="checkbox"/> Extra Recorder _____	Total <u>1427.90</u>
Final Shut-In <u>90</u>	<input type="checkbox"/> Day Standby _____	MP/DST Disc't _____
	<input type="checkbox"/> Accessibility _____	
	Sub Total <u>1427.90</u>	

Approved By _____ Our Representative RAY SCHWAGER Thank you

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. 55460

Well Name & No. McRae #2 Test No. 2 Date 12-16-13
 Company DAMAR Resources Inc Elevation 2127 KB 2122 GL
 Address 234 W. 11th STE 'A' PO Box 70 Hays, Ks 67601-3005
 Co. Rep / Geo. KURT TALBATT Rig MURFIN rig 16
 Location: Sec. 34 Twp. 12^s Rge. 18^w Co. ELLIS State Ko

Interval Tested 3446-3510 Zone Tested LKC E-G
 Anchor Length 64 Drill Pipe Run 3418 Mud Wt. 9.1
 Top Packer Depth 3441 Drill Collars Run 30 Vis 56
 Bottom Packer Depth 3446 Wt. Pipe Run - WL 7.2
 Total Depth 3510 Chlorides 5000 ppm System LCM 1/2 #

Blow Description IAP - WEAK Blow thru-out 1/4" to 1" Blow
ISIP - NO Blow
FFP - WEAK Blow thru-out 1/4" to 1 1/2" Blow
FSIP - NO Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>1</u>	<u>CO</u>				
<u>70</u>	<u>MW</u>			<u>75</u>	<u>25</u>

Rec Total 71 BHT 103 Gravity - API RW .2 @ 53 °F Chlorides 50000 ppm

(A) Initial Hydrostatic 1691 Test 1150 T-On Location 0835
 (B) First Initial Flow 19 Jars 250 T-Started 0950
 (C) First Final Flow 29 Safety Joint _____ T-Open 1135
 (D) Initial Shut-In 397 Circ Sub _____ T-Pulled 1510
 (E) Second Initial Flow 29 Hourly Standby _____ T-Out 1636
 (F) Second Final Flow 55 Mileage 18RT 27.90 Comments _____
 (G) Final Shut-In 372 Sampler _____
 (H) Final Hydrostatic 1623 Straddle _____ 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 1427.90
 Final Flow 60 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 90 Sub Total 1427.90

Approved By _____ Our Representative RAY SCHWAGER *thank you*

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 55461

Well Name & No. McRae #2 Test No. 3 Date 12-17-13
 Company DAMAR Resources Inc Elevation 2127 KB 2122 GL
 Address 234 W. 11th STE 'A' PO Box 70 Hays, KS 67601-3805
 Co. Rep / Geo. KURT TALBATT Rig Murfin rig 16
 Location: Sec. 34 Twp. 12^s Rge. 18^w Co. ELLIS State Ks

Interval Tested 3670-3686 Zone Tested Arbuckle
 Anchor Length 16 Drill Pipe Run 3640 Mud Wt. 9.1
 Top Packer Depth 3665 Drill Collars Run 30 Vis 55
 Bottom Packer Depth 3670 Wt. Pipe Run — WL 8.8
 Total Depth 3686 Chlorides 5000 ppm System LCM 3#

Blow Description IFP - SURFACE Blow thru-out
ISIP - NO Blow
FFP - NO Blow, flushed Tool, got surge
FSTP - NO Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>1</u>	<u>Mud</u>				

Rec Total 1 BHT 102 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 1830 Test 1150 T-On Location 0645
 (B) First Initial Flow 19 Jars 250 T-Started 0710
 (C) First Final Flow 19 Safety Joint T-Open 0905
 (D) Initial Shut-In 87 Circ Sub T-Pulled 1110
 (E) Second Initial Flow 20 Hourly Standby T-Out 1232
 (F) Second Final Flow 20 Mileage 18 RT 55.80 Comments Loaded Tool 2230
 (G) Final Shut-In 32 Sampler 12-17-13
 (H) Final Hydrostatic 1780 Straddle Ruined Shale Packer
 Shale Packer Ruined Packer

Initial Open 5 Extra Packer Extra Copies
 Initial Shut-In 60 Extra Recorder Sub Total 0
 Final Flow 30 Day Standby Total 1455.80
 Final Shut-In 30 Accessibility MP/DST Disc't
 Sub Total 1455.80

Approved By _____ Our Representative Ray Schwahn Thank you

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.