

**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

Prepared For: **Mak- J Energy Kansas, LLC**

1600 N Broadway. Ste 1740  
Denver, CO 80202

ATTN: Steve Murphy

**6 14 32 Logan KS**

**BH Huck Trust 14-6**

Start Date: 2010.04.06 @ 18:45:25

End Date: 2010.04.07 @ 01:27:19

Job Ticket #: 37828                      DST #: 1

**TIGHT HOLE**

**KCC  
MAY 14 2010  
CONFIDENTIAL**

**RECEIVED  
MAY 17 2010**

**KCC WICHITA**

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





**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Mak- J Energy Kansas, LLC

**BH Huck Trust 14-6**

1600 N Broadway, Ste 1740  
Denver, CO 80202

**6 14 32 Logan KS**

Job Ticket: 37828

**DST#: 1**

ATTN: Steve Murphy

Test Start: 2010.04.06 @ 18:45:25

### Tool Information

Drill Pipe:	Length: 3316.00 ft	Diameter: 3.80 inches	Volume: 46.51 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 609.00 ft	Diameter: 2.25 inches	Volume: 2.99 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 49.50 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 80000.00 lb
Depth to Top Packer:	3943.00 ft			Final 80000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	17.00 ft			
Tool Length:	45.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Stubb	1.00			3916.00	
Shut In Tool	5.00			3921.00	
Hydraulic tool	5.00			3926.00	
Jars	5.00			3931.00	
Safety Joint	3.00			3934.00	
Packer	5.00			3939.00	28.00 Bottom Of Top Packer
Packer	4.00			3943.00	
Stubb	1.00			3944.00	
Recorder	0.00	8373	Inside	3944.00	
Recorder	0.00	6772	Outside	3944.00	
Perforations	11.00			3955.00	
Bullnose	5.00			3960.00	17.00 Bottom Packers & Anchor

**Total Tool Length: 45.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Mak- J Energy Kansas, LLC

**BH Huck Trust 14-6**

1600 N Broadway, Ste 1740  
Denver, CO 80202

**6 14 32 Logan KS**

Job Ticket: 37828

**DST#: 1**

ATTN: Steve Murphy

Test Start: 2010.04.06 @ 18:45:25

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.56 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5800.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	mud 100%m	0.049

Total Length: 10.00 ft      Total Volume: 0.049 bbl

Num Fluid Samples: 0

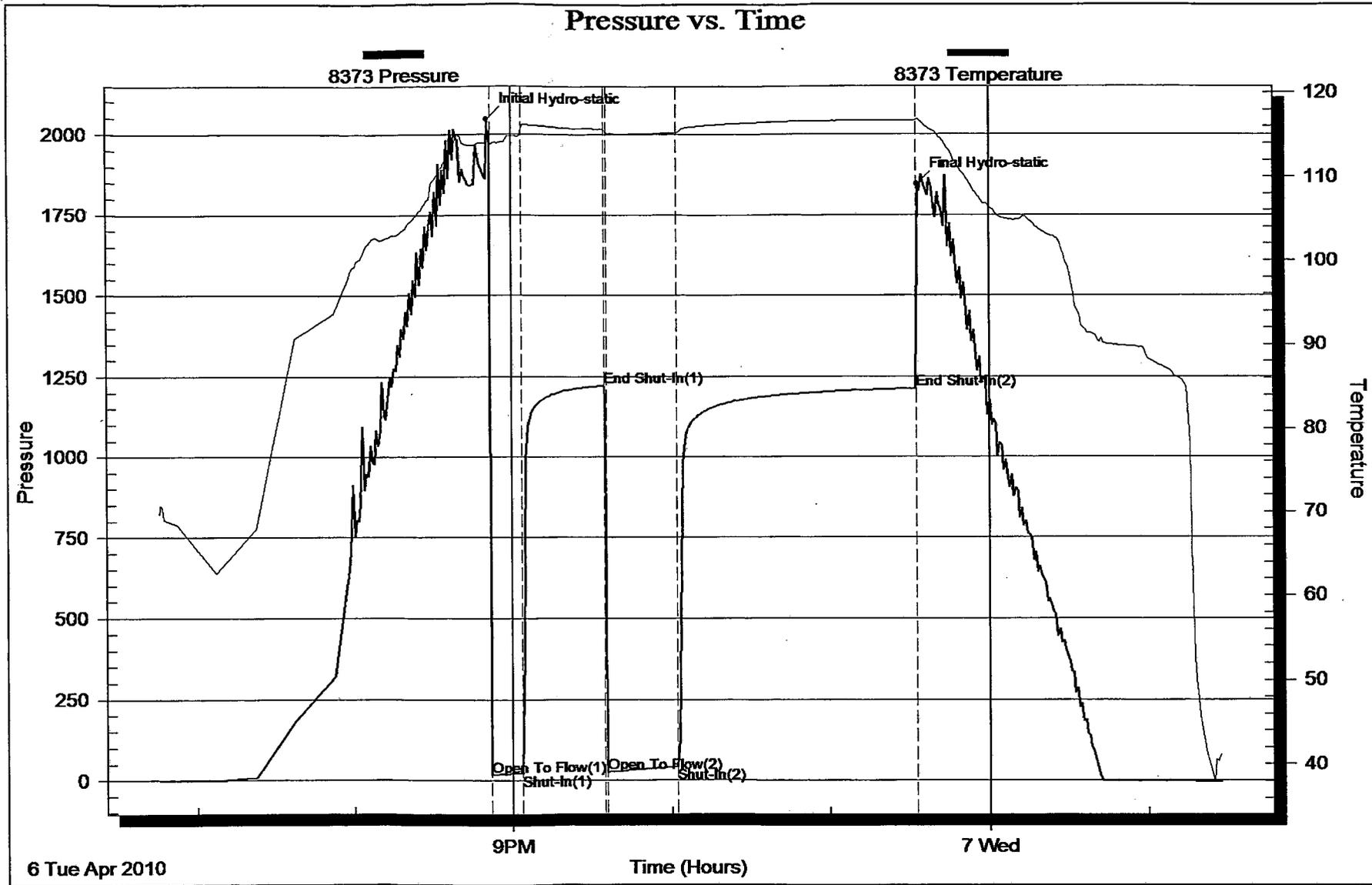
Num Gas Bombs: 0

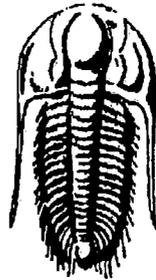
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Mak- J Energy Kansas, LLC**

1600 N Broadway. Ste 1740  
Denver, CO 80202

ATTN: Steve Murphy

**6 14 32 Logan KS**

**BH Huck Trust 14-6**

Start Date: 2010.04.07 @ 14:21:12

End Date: 2010.04.07 @ 21:12:21

Job Ticket #: 37829                      DST #: 2

# TIGHT HOLE

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Mak- J Energy Kansas, LLC  
 1600 N Broadw ay. Ste 1740  
 Denver, CO 80202  
 ATTN: Steve Murphy

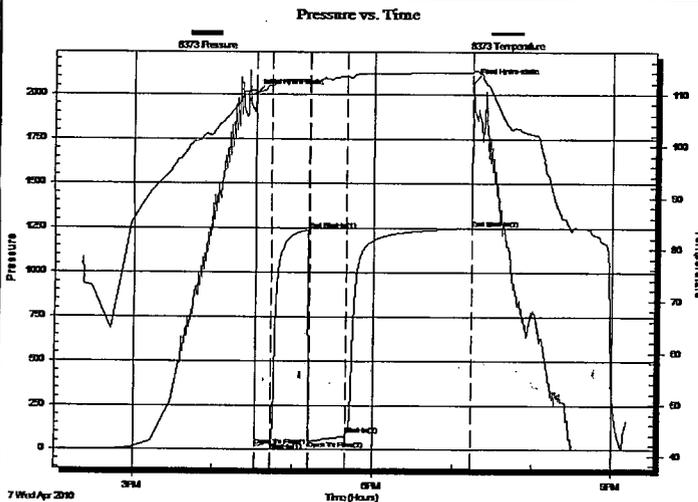
**BH Huck Trust 14-6**  
**6 14 32 Logan KS**  
 Job Ticket: 37829      **DST#: 2**  
 Test Start: 2010.04.07 @ 14:21:12

## GENERAL INFORMATION:

Formation: **Lansing H-I**  
 Deviated: No Whipstock:      ft (KB)  
 Test Type: Conventional Bottom Hole  
 Time Tool Opened: 16:31:37  
 Tester: Brandon Turley  
 Time Test Ended: 21:12:21  
 Unit No: 35  
 Interval: **4010.00 ft (KB) To 4075.00 ft (KB) (TVD)**  
 Reference Elevations: 2880.00 ft (KB)  
 Total Depth: 4075.00 ft (KB) (TVD)  
 2870.00 ft (CF)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 KB to GR/CF: 10.00 ft

**Serial #: 8373**      **Inside**  
 Press@RunDepth: 80.73 psig @ 4011.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2010.04.07      End Date: 2010.04.07      Last Calib.: 2010.04.07  
 Start Time: 14:21:12      End Time: 21:12:21      Time On Btm: 2010.04.07 @ 16:31:22  
 Time Off Btm: 2010.04.07 @ 19:14:06

**TEST COMMENT:** IF: 1/4 blow built to 2 1/2 in 10 min.  
 IS: No return.  
 FF: Surface blow built to 4 in 30 min.  
 FS: No return.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2005.57	110.65	Initial Hydro-static
1	18.97	109.78	Open To Flow (1)
12	39.45	111.63	Shut-In(1)
40	1237.64	112.76	End Shut-In(1)
41	49.34	112.07	Open To Flow (2)
69	80.73	113.32	Shut-In(2)
162	1248.12	114.18	End Shut-In(2)
163	2066.01	114.50	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
95.00	ocm 10%o 90%m	0.47
10.00	oil 100%o	0.05

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

Mak- J Energy Kansas, LLC

**BH Huck Trust 14-6**

1600 N Broadway, Ste 1740  
Denver, CO 80202

**6 14 32 Logan KS**

Job Ticket: 37829

**DST#: 2**

ATTN: Steve Murphy

Test Start: 2010.04.07 @ 14:21:12

**Tool Information**

Drill Pipe:	Length: 3404.00 ft	Diameter: 3.80 inches	Volume: 47.75 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 609.00 ft	Diameter: 2.25 inches	Volume: 2.99 bbl	Weight to Pull Loose: 95000.00 lb
			<b>Total Volume: 50.74 bbl</b>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 80000.00 lb
Depth to Top Packer:	4010.00 ft			Final 80000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	65.00 ft			
Tool Length:	93.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

**Tool Description**

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			3983.00	
Shut In Tool	5.00			3988.00	
Hydraulic tool	5.00			3993.00	
Jars	5.00			3998.00	
Safety Joint	3.00			4001.00	
Packer	5.00			4006.00	28.00 Bottom Of Top Packer
Packer	4.00			4010.00	
Stubb	1.00			4011.00	
Recorder	0.00	8373	Inside	4011.00	
Recorder	0.00	6772	Outside	4011.00	
Perforations	26.00			4037.00	
Change Over Sub	1.00			4038.00	
Drill Pipe	31.00			4069.00	
Change Over Sub	1.00			4070.00	
Bullnose	5.00			4075.00	65.00 Bottom Packers & Anchor

**Total Tool Length: 93.00**



**TRILOBITE  
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# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Mak- J Energy Kansas, LLC

**BH Huck Trust 14-6**

1600 N Broadway, Ste 1740  
Denver, CO 80202

**6 14 32 Logan KS**

Job Ticket: 37829

**DST#: 2**

ATTN: Steve Murphy

Test Start: 2010.04.07 @ 14:21:12

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

34 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
95.00	ocm 10%o 90%m	0.467
10.00	oil 100%o	0.049

Total Length: 105.00 ft      Total Volume: 0.516 bbl

Num Fluid Samples: 0

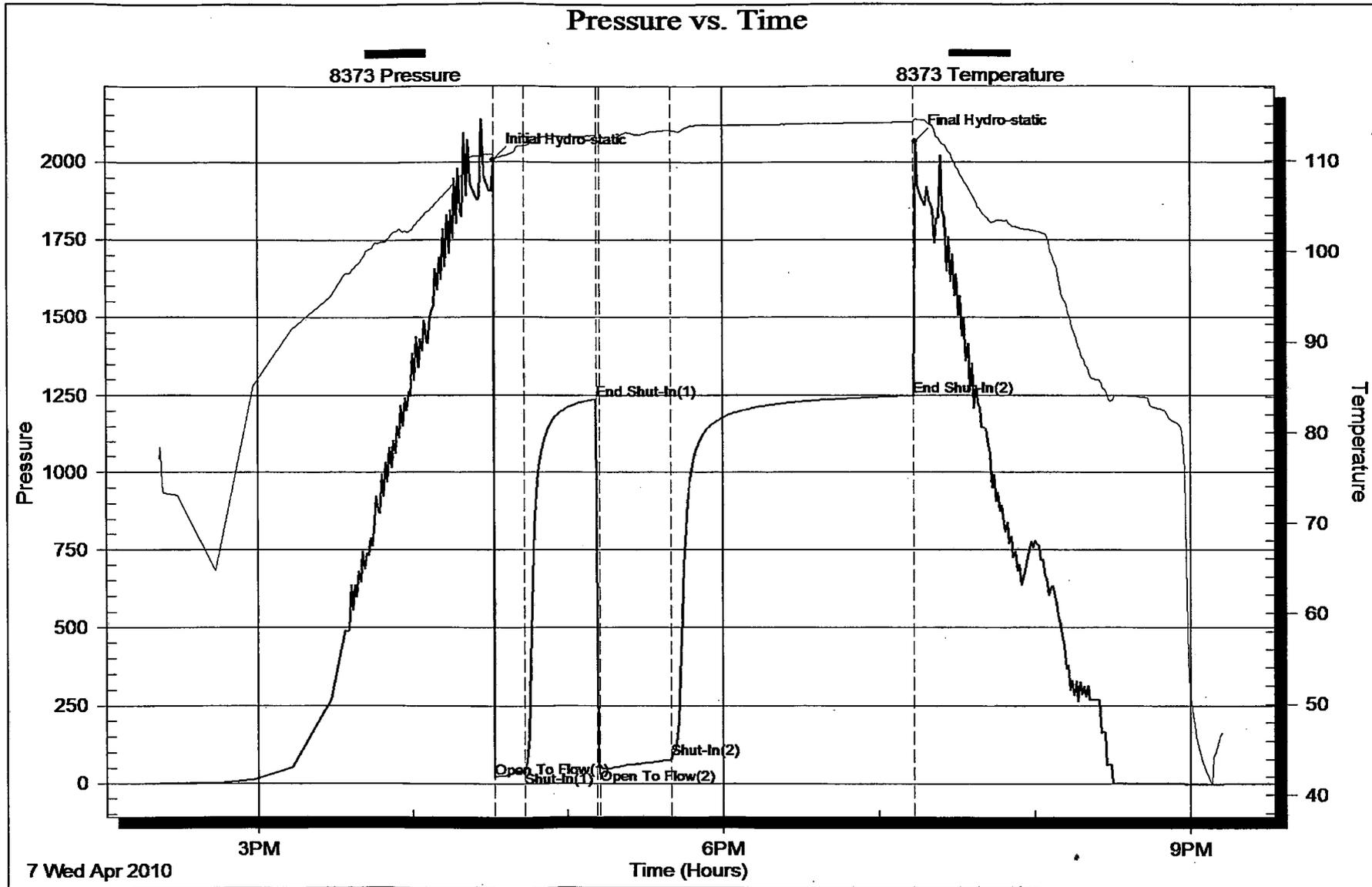
Num Gas Bombs: 0

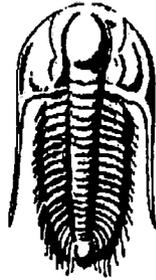
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 33@50=34





**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Mak- J Energy Kansas, LLC**

1600 N Broadway. Ste 1740  
Denver, CO 80202

ATTN: Steve Murphy

**6 14 32 Logan KS**

**BH Huck Trust 14-6**

Start Date: 2010.04.08 @ 07:35:13

End Date: 2010.04.08 @ 14:03:22

Job Ticket #: 37830                      DST #: 3

# TIGHT HOLE

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Mak- J Energy Kansas, LLC  
1600 N Broadway, Ste 1740  
Denver, CO 80202  
ATTN: Steve Murphy

**BH Huck Trust 14-6**  
**6 14 32 Logan KS**  
Job Ticket: 37830      **DST#: 3**  
Test Start: 2010.04.08 @ 07:35:13

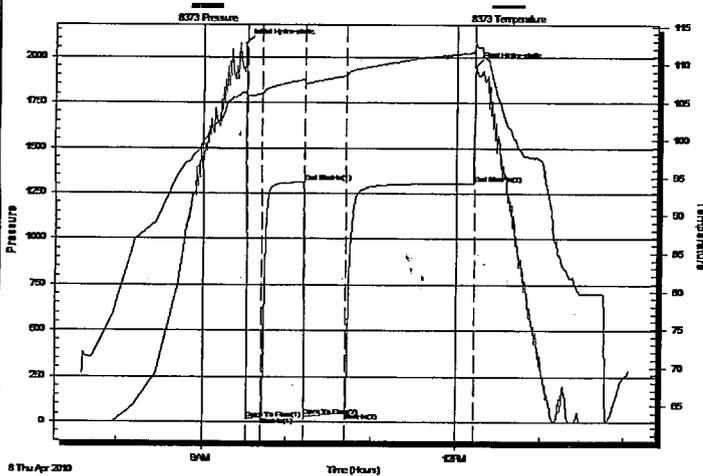
## GENERAL INFORMATION:

Formation: **Lansing J-K**  
Deviated: No Whipstock:                      ft (KB)  
Time Tool Opened: 09:31:38  
Time Test Ended: 14:03:22  
Test Type: Conventional Bottom Hole  
Tester: Brandon Turley  
Unit No: 35  
Interval: **4088.00 ft (KB) To 4132.00 ft (KB) (TVD)**  
Reference Elevations: 2880.00 ft (KB)  
Total Depth: 4132.00 ft (KB) (TVD)                      2870.00 ft (CF)  
Hole Diameter: 7.88 inches Hole Condition: Good                      KB to GRVCF: 10.00 ft

**Serial #: 8373**      **Inside**  
Press@RunDepth: 55.60 psig @ 4089.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2010.04.08      End Date: 2010.04.08      Last Calib.: 2010.04.08  
Start Time: 07:35:13      End Time: 14:03:22      Time On Btm: 2010.04.08 @ 09:30:38  
Time Off Btm: 2010.04.08 @ 12:13:22

**TEST COMMENT:** IF: 1/4 blow built to 1 in 10 min.  
IS: No return.  
FF: Surface blow built to 1/2 in 30 min.  
FS: No return.

Pressure vs. Time



## PRESSURE SUMMARY

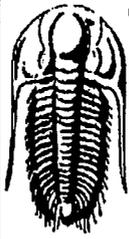
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2071.36	106.25	Initial Hydro-static
1	19.60	105.11	Open To Flow (1)
12	28.17	106.14	Shut-In(1)
42	1307.99	108.00	End Shut-In(1)
42	30.89	107.51	Open To Flow (2)
71	55.60	108.50	Shut-In(2)
162	1304.81	111.56	End Shut-In(2)
163	1949.79	112.76	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
31.00	w cm 30%w 70%m	0.15

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

Mak- J Energy Kansas, LLC

**BH Huck Trust 14-6**

1600 N Broadway, Ste 1740  
Denver, CO 80202

**6 14 32 Logan KS**

Job Ticket: 37830

**DST#: 3**

ATTN: Steve Murphy

Test Start: 2010.04.08 @ 07:35:13

**Tool Information**

Drill Pipe:	Length: 3468.00 ft	Diameter: 3.80 inches	Volume: 48.65 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 609.00 ft	Diameter: 2.25 inches	Volume: 2.99 bbl	Weight to Pull Loose: 95000.00 lb
			<u>Total Volume: 51.64 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 84000.00 lb
Depth to Top Packer:	4088.00 ft			Final 84000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	44.00 ft			
Tool Length:	72.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

**Tool Description**

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4061.00	
Shut In Tool	5.00			4066.00	
Hydraulic tool	5.00			4071.00	
Jars	5.00			4076.00	
Safety Joint	3.00			4079.00	
Packer	5.00			4084.00	28.00 Bottom Of Top Packer
Packer	4.00			4088.00	
Stubb	1.00			4089.00	
Recorder	0.00	8373	Inside	4089.00	
Recorder	0.00	6772	Outside	4089.00	
Perforations	5.00			4094.00	
Change Over Sub	1.00			4095.00	
Drill Pipe	31.00			4126.00	
Change Over Sub	1.00			4127.00	
Bullnose	5.00			4132.00	44.00 Bottom Packers & Anchor

**Total Tool Length: 72.00**



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Mak- J Energy Kansas, LLC

**BH Huck Trust 14-6**

1600 N Broadway, Ste 1740  
Denver, CO 80202

**6 14 32 Logan KS**

Job Ticket: 37830

**DST#: 3**

ATTN: Steve Murphy

Test Start: 2010.04.08 @ 07:35:13

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

26000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.78 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
31.00	w cm 30%w 70%m	0.152

Total Length: 31.00 ft      Total Volume: 0.152 bbl

Num Fluid Samples: 0

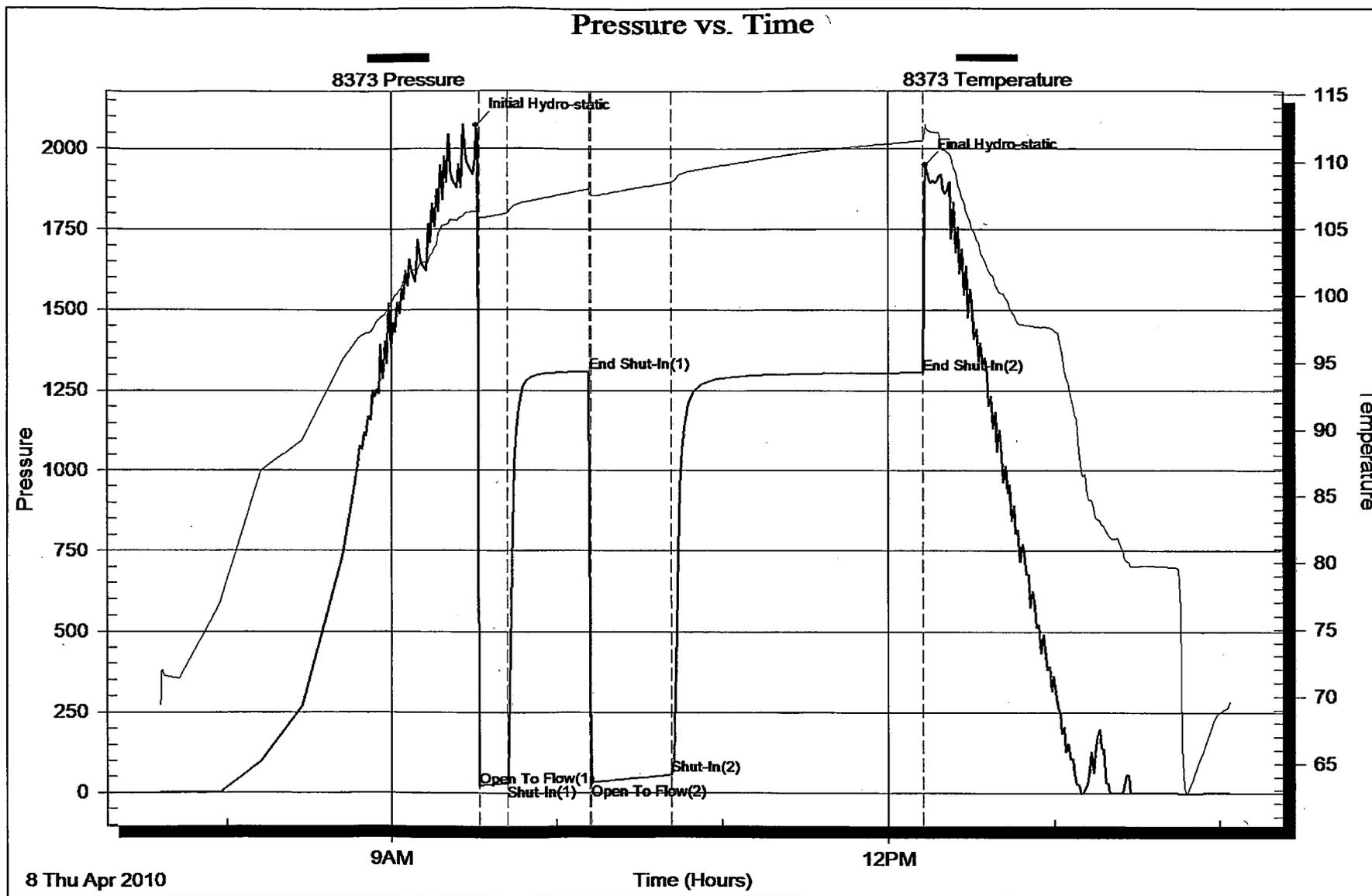
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .27@67=26000





# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

RECEIVED  
APR 09 2010

NO. 37828 14104

Well Name & No. BH Huck Trust 14-8 Test No. 1 Date 4-6-10  
 Company M&K - J Energy Elevation 2880 KB 2870 GL  
 Address 1600 N Broadway, Ste 1740 Denver, CO 80202  
 Co. Rep / Geo. Steve Murphy Rig H2 #1  
 Location: Sec. 6 Twp. 14 Rge. 32 Co. Logan State KS

Interval Tested 3943 3960 Zone Tested Lansing E  
 Anchor Length 17 Drill Pipe Run 3316 Mud Wt. 9.2  
 Top Packer Depth 3938 Drill Collars Run 609 Vis 48  
 Bottom Packer Depth 3943 Wt. Pipe Run — WL 9.6  
 Total Depth 3980 Chlorides 5800 ppm System LCM 1

Blow Description IF: Surface blow built to 1 in 10 min.  
IS: No return,  
FF: Surface blow built to 1/4 in 30 min.  
FS: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>mud</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 10 BHT 116 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2045</u>	<input checked="" type="checkbox"/> Test <u>1050.00</u>	T-On Location <u>14:30</u>
(B) First Initial Flow <u>16</u>	<input checked="" type="checkbox"/> Jars <u>250.00</u>	T-Started <u>18:55</u>
(C) First Final Flow <u>22</u>	<input checked="" type="checkbox"/> Safety Joint <u>75.00</u>	T-Open <u>20:52</u>
(D) Initial Shut-In <u>1221</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>23:32</u>
(E) Second Initial Flow <u>24</u>	<input checked="" type="checkbox"/> Hourly Standby <u>2-200.00</u>	T-Out <u>1:30</u>
(F) Second Final Flow <u>42</u>	<input checked="" type="checkbox"/> Mileage <u>72-72.00</u>	Comments
(G) Final Shut-In <u>1211</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1845</u>	<input type="checkbox"/> Straddle	

Initial Open 10  
 Initial Shut-In 30  
 Final Flow 30  
 Final Shut-In 90

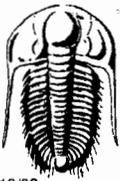
Shale Packer  
 Extra Packer  
 Extra Recorder  
 Day Standby  
 Accessibility 150.00

Sub Total 1797

Ruined Shale Packer  
 Ruined Packer  
 Extra Copies  
 Sub Total 0  
 Total 1797

Approved By Arsek Patterson Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 37829

APR 09 2010

10/08

Well Name & No. BH Huck Trust 14-6 Test No. 2 Date 4-7-10  
 Company M&J Energy Elevation 2880 KB 2870 GL  
 Address 1600 N. Broadway Ste. 1740 Denver, CO 80202  
 Co. Rep / Geo. Derek Patterson - Steve Murphy Rig H2 #1  
 Location: Sec. 6 Twp. 14 Rge. 32 Co. Logan State KS

Interval Tested 4010 4075 Zone Tested Lensing H-I  
 Anchor Length 65 Drill Pipe Run 3484 Mud Wt. 9.2  
 Top Packer Depth 4005 Drill Collars Run 609 Vis 48  
 Bottom Packer Depth 4010 Wt. Pipe Run — WL 8.8  
 Total Depth 4075 Chlorides 6000 ppm System LCM 1

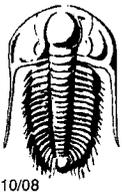
Blow Description IF: 1/4 blow built to 2 1/2 in 10 min.  
IS: No return.  
FF: Surface blow built to 4 in 30 min.  
FS: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>Oil</u>		<u>100</u>		
<u>95</u>	<u>OCM</u>	<u>10</u>		<u>90</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 105 BHT 114 Gravity 34 API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2005</u>	<input checked="" type="checkbox"/> Test <u>1150.00</u>	T-On Location <u>14:00</u>
(B) First Initial Flow <u>18</u>	<input checked="" type="checkbox"/> Jars <u>250.00</u>	T-Started <u>14:21</u>
(C) First Final Flow <u>39</u>	<input checked="" type="checkbox"/> Safety Joint <u>75.00</u>	T-Open <u>16:32</u>
(D) Initial Shut-In <u>1237</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>19:12</u>
(E) Second Initial Flow <u>49</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>21:15</u>
(F) Second Final Flow <u>80</u>	<input checked="" type="checkbox"/> Mileage <u>72-72.00</u>	Comments
(G) Final Shut-In <u>1248</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2066</u>	<input type="checkbox"/> Straddle	
Initial Open <u>10</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
Final Shut-In <u>90</u>	<input type="checkbox"/> Day Standby	Sub Total <u>0</u>
	<input checked="" type="checkbox"/> Accessibility <u>150.00</u>	Total <u>1697</u>
	Sub Total <u>1697</u>	

Approved By Derek Patterson Our Representative [Signature]  
 Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED  
APR 09 2010

## Test Ticket

NO. 37830

BY: \_\_\_\_\_

Well Name & No. BH Huck Trust 14-6 Test No. 3 Date 4-8-10  
 Company Mak-J Energy Elevation 2880 KB 2870 GL  
 Address 1600 N. Broadway Ste 1740 Denver, CO 80202  
 Co. Rep / Geo. Derek Patterson - Steve Murphy Rig H2 #1  
 Location: Sec. 6 Twp. 14 Rge. 32 Co. Logan State KS

Interval Tested 4088 4132 Zone Tested Lensing J-K  
 Anchor Length 44 Drill Pipe Run 3468 Mud Wt. 9.2  
 Top Packer Depth 4083 Drill Collars Run 609 Vis 48  
 Bottom Packer Depth 4088 Wt. Pipe Run --- WL 8.8  
 Total Depth 4132 Chlorides 6000 ppm System LCM 1

Blow Description IF: 1/4 blow built to 1 in 10 min.  
IS: No return.  
FF: Surface blow built to 1/2 in 30 min.  
FS: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>31</u>	<u>wcm</u>		<u>30</u>	<u>70</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 31 BHT 111 Gravity --- API RW .27 @ 67 °F Chlorides 26,000 ppm

(A) Initial Hydrostatic <u>2071</u>	<input checked="" type="checkbox"/> Test <u>1150.00</u>	T-On Location <u>7:00</u>
(B) First Initial Flow <u>19</u>	<input checked="" type="checkbox"/> Jars <u>250.00</u>	T-Started <u>7:35</u>
(C) First Final Flow <u>28</u>	<input checked="" type="checkbox"/> Safety Joint <u>75.00</u>	T-Open <u>9:32</u>
(D) Initial Shut-In <u>1307</u>	<input checked="" type="checkbox"/> Circ Sub _____	T-Pulled <u>12:12</u>
(E) Second Initial Flow <u>30</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>14:05</u>
(F) Second Final Flow <u>55</u>	<input checked="" type="checkbox"/> Mileage <u>72.-72.00</u>	Comments _____
(G) Final Shut-In <u>1304</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>1949</u>	<input type="checkbox"/> Straddle _____	
	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Shale Packer _____
Initial Open <u>10</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Ruined Packer _____
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Recorder _____	<input type="checkbox"/> Extra Copies _____
Final Flow <u>30</u>	<input type="checkbox"/> Day Standby _____	Sub Total <u>0</u>
Final Shut-In <u>90</u>	<input checked="" type="checkbox"/> Accessibility <u>150.00</u>	Total <u>11097</u>
	Sub Total <u>11097</u>	

Approved By Derek Patterson Our Representative \_\_\_\_\_

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