



## DRILL STEM TEST REPORT

Prepared For: **Landmark Resources Inc**

1616 S Voss rd ste 600  
Houston, Tx 77057

ATTN: Terry Mcleod

### **Beeson #5-1**

#### **1-17s-34w Scott,KS**

Start Date: 2016.12.15 @ 08:21:29

End Date: 2016.12.15 @ 16:14:59

Job Ticket #: 65647                      DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2016.12.19 @ 13:44:31



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Landmark Resources Inc

**1-17s-34w Scott,KS**

1616 S Voss rd ste 600  
Houston, Tx 77057

**Beeson #5-1**

Job Ticket: 65647

**DST#: 1**

ATTN: Terry Mcleod

Test Start: 2016.12.15 @ 08:21:29

## GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:47:29

Time Test Ended: 16:14:59

Test Type: Conventional Bottom Hole (Initial)

Tester: Brandon Turley

Unit No: 79

**Interval: 4441.00 ft (KB) To 4460.00 ft (KB) (TVD)**

Reference Elevations: 3103.00 ft (KB)

Total Depth: 4460.00 ft (KB) (TVD)

3098.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

**Serial #: 8166 Outside**

Press@RunDepth: 16.52 psig @ 4442.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.12.15

End Date:

2016.12.15

Last Calib.:

2016.12.15

Start Time:

08:21:34

End Time:

16:14:58

Time On Btm:

2016.12.15 @ 10:46:59

Time Off Btm:

2016.12.15 @ 14:35:29

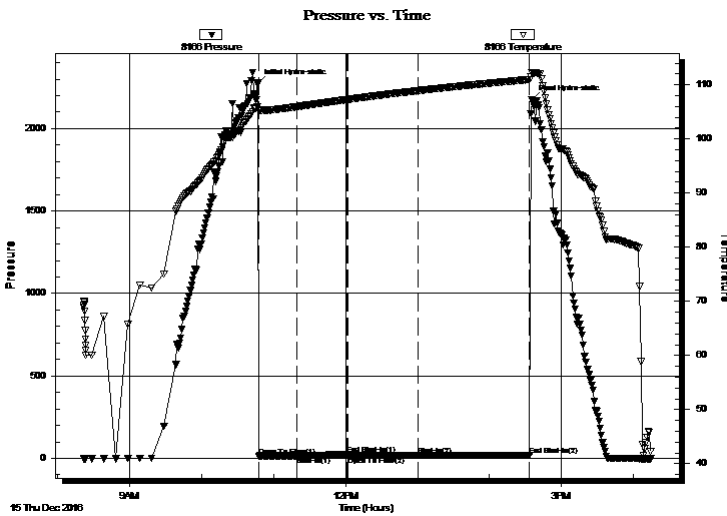
TEST COMMENT: IF: 1/4' blow built to a 1/2' and died to a surface blow .

IS: No return.

FF: Surface blow built to 1/4'

FS: No return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2275.27	105.96	Initial Hydro-static
1	13.70	105.37	Open To Flow (1)
32	15.33	105.93	Shut-In(1)
75	22.10	107.27	End Shut-In(1)
75	15.29	107.28	Open To Flow (2)
134	16.52	108.90	Shut-In(2)
227	20.20	110.96	End Shut-In(2)
229	2176.28	112.19	Final Hydro-static

## Recovery

## Gas Rates

Length (ft)	Description	Volume (bbl)
5.00	mud 100%m	0.07

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Landmark Resources Inc

**1-17s-34w Scott,KS**

1616 S Voss rd ste 600  
Houston, Tx 77057

**Beeson #5-1**

Job Ticket: 65647

**DST#: 1**

ATTN: Terry Mcleod

Test Start: 2016.12.15 @ 08:21:29

## Tool Information

Drill Pipe:	Length: 4432.00 ft	Diameter: 3.80 inches	Volume: 62.17 bbl	Tool Weight: 2000.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 62.17 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4441.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	19.00 ft			
Tool Length:	41.00 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			4420.00	
Shut In Tool	5.00			4425.00	
Hydraulic tool	5.00			4430.00	
Safety Joint	2.00			4432.00	
Packer - Shale	5.00			4437.00	
Packer	4.00			4441.00	22.00 Bottom Of Top Packer
Stubb	1.00			4442.00	
Recorder	0.00	8875	Inside	4442.00	
Recorder	0.00	8166	Outside	4442.00	
Perforations	13.00			4455.00	
Bullnose	5.00			4460.00	19.00 Anchor Tool

**Total Tool Length: 41.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Landmark Resources Inc

**1-17s-34w Scott,KS**

1616 S Voss rd ste 600  
Houston, Tx 77057

**Beeson #5-1**

Job Ticket: 65647

**DST#: 1**

ATTN: Terry Mcleod

Test Start: 2016.12.15 @ 08:21:29

### 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: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3800.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud 100%m	0.070

Total Length: 5.00 ft      Total Volume: 0.070 bbl

Num Fluid Samples: 0

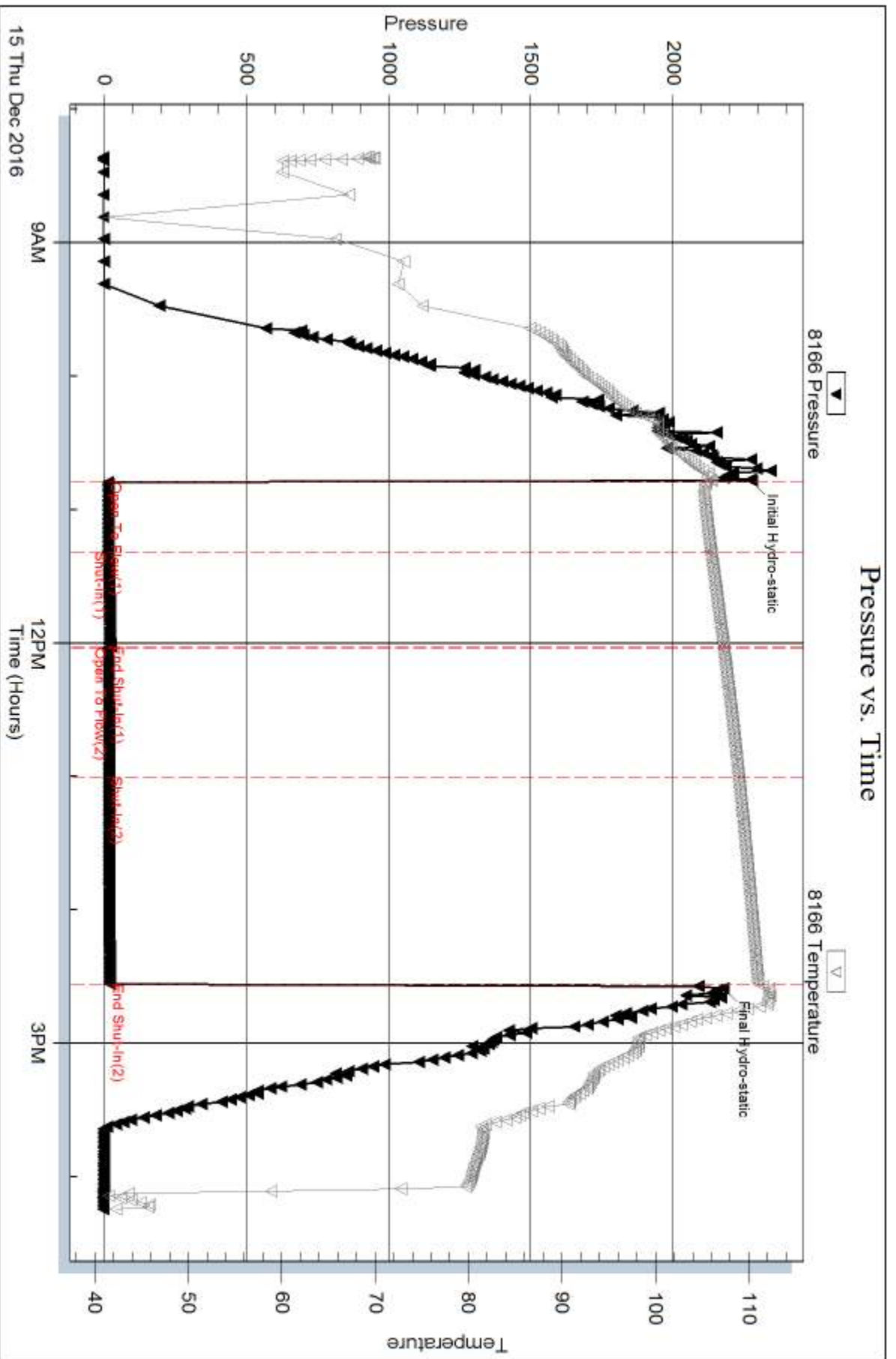
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



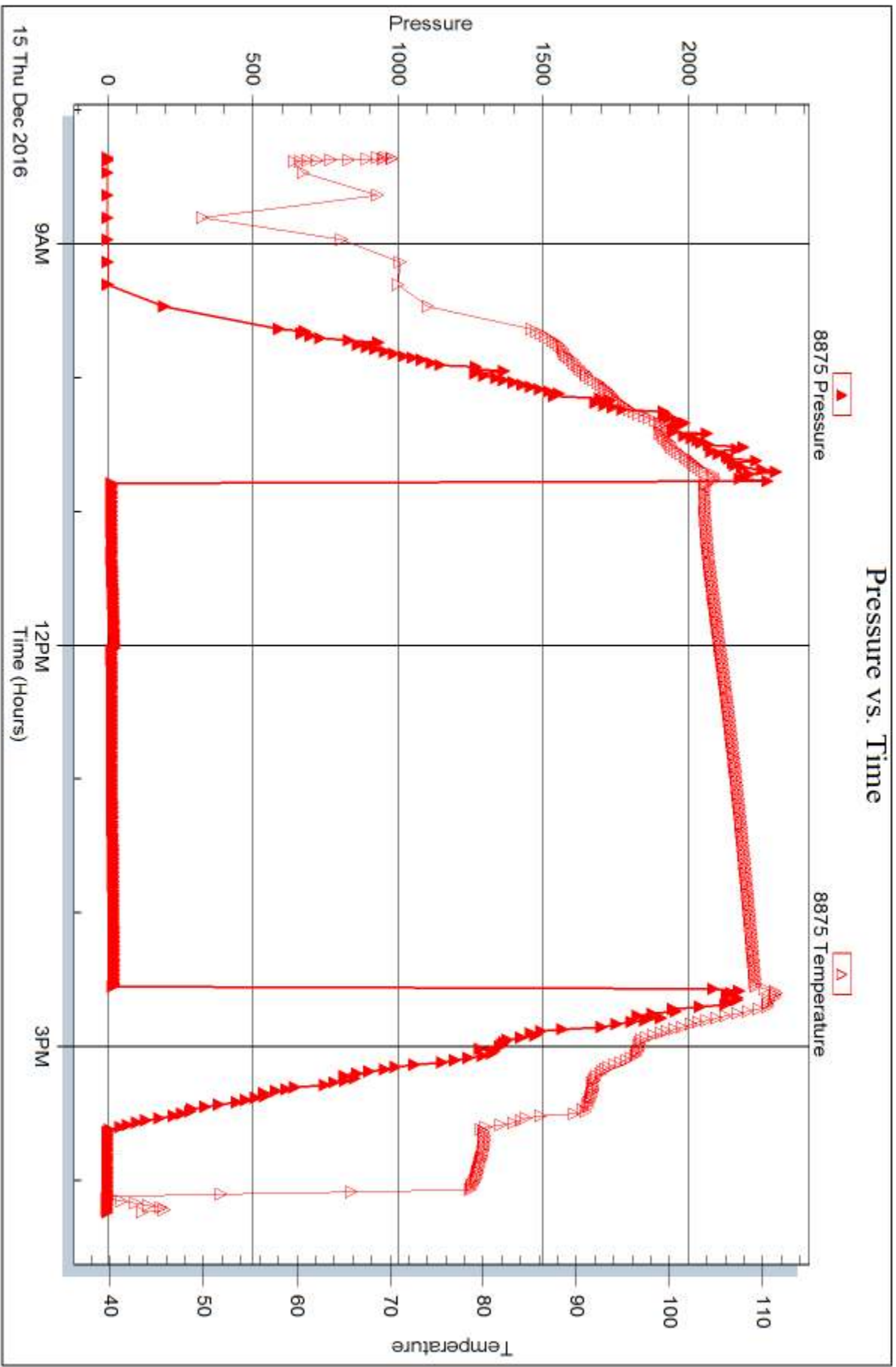
Serial #: 8875

Inside

Landmark Resources Inc

Beeson #5-1

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 65647

Printed: 2016.12.19 @ 13:44:32



## DRILL STEM TEST REPORT

Prepared For: **Landmark Resources Inc**

1616 S Voss rd ste 600  
Houston, Tx 77057

ATTN: Terry Mcleod

### **Beeson #5-1**

### **1-17s-34w Scott,KS**

Start Date: 2016.12.16 @ 00:45:59

End Date: 2016.12.16 @ 08:08:59

Job Ticket #: 65648                      DST #: 2

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

Printed: 2016.12.19 @ 13:44:03





**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Landmark Resources Inc

**1-17s-34w Scott,KS**

1616 S Voss rd ste 600  
Houston, Tx 77057

**Beeson #5-1**

Job Ticket: 65648

**DST#: 2**

ATTN: Terry Mcleod

Test Start: 2016.12.16 @ 00:45:59

## GENERAL INFORMATION:

Formation: **Marmaton B-C**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:26:59

Time Test Ended: 08:08:59

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

**Interval: 4456.00 ft (KB) To 4486.00 ft (KB) (TVD)**

Reference Elevations: 3103.00 ft (KB)

Total Depth: 4486.00 ft (KB) (TVD)

3098.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

**Serial #: 8166 Outside**

Press@RunDepth: 13.27 psig @ 4457.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.12.16

End Date:

2016.12.16

Last Calib.: 2016.12.16

Start Time: 00:46:04

End Time:

08:08:58

Time On Btm: 2016.12.16 @ 03:26:29

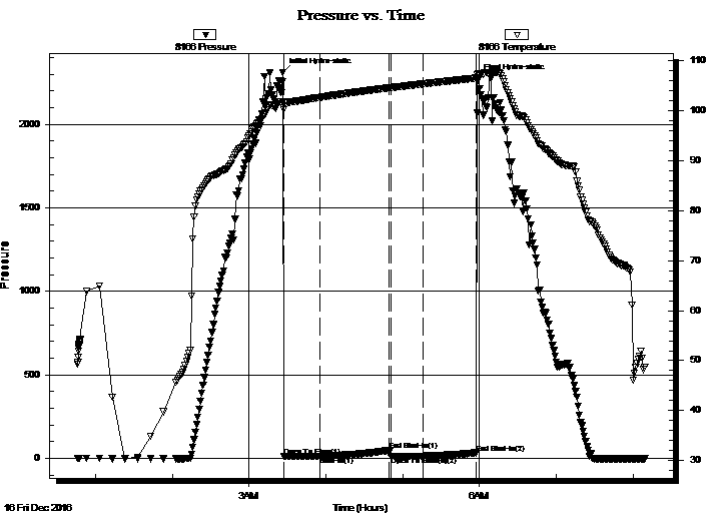
Time Off Btm: 2016.12.16 @ 05:58:29

TEST COMMENT: IF: Surface blow died in 8 min.

IS: No return.

FF: No blow.

FS: No return.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2311.73	101.77	Initial Hydro-static
1	11.11	100.28	Open To Flow (1)
29	13.87	102.69	Shut-In(1)
83	48.86	104.59	End Shut-In(1)
84	13.35	104.61	Open To Flow (2)
109	13.27	105.38	Shut-In(2)
151	31.95	106.52	End Shut-In(2)
152	2276.34	107.23	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud 100%m	0.07

\* Recovery from multiple tests

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Landmark Resources Inc

**1-17s-34w Scott,KS**

1616 S Voss rd ste 600  
Houston, Tx 77057

**Beeson #5-1**

Job Ticket: 65648

**DST#: 2**

ATTN: Terry Mcleod

Test Start: 2016.12.16 @ 00:45:59

## Tool Information

Drill Pipe:	Length: 4462.00 ft	Diameter: 3.80 inches	Volume: 62.59 bbl	Tool Weight: 2000.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 62.59 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	4456.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	52.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Stubb	1.00			4435.00	
Shut In Tool	5.00			4440.00	
Hydraulic tool	5.00			4445.00	
Safety Joint	2.00			4447.00	
Packer - Shale	5.00			4452.00	
Packer	4.00			4456.00	22.00 Bottom Of Top Packer
Stubb	1.00			4457.00	
Recorder	0.00	8875	Inside	4457.00	
Recorder	0.00	8166	Outside	4457.00	
Perforations	24.00			4481.00	
Bullnose	5.00			4486.00	30.00 Anchor Tool

**Total Tool Length: 52.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Landmark Resources Inc

**1-17s-34w Scott,KS**

1616 S Voss rd ste 600  
Houston, Tx 77057

**Beeson #5-1**

Job Ticket: 65648

**DST#: 2**

ATTN: Terry Mcleod

Test Start: 2016.12.16 @ 00:45:59

### 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: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5600.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud 100%m	0.070

Total Length: 5.00 ft      Total Volume: 0.070 bbl

Num Fluid Samples: 0

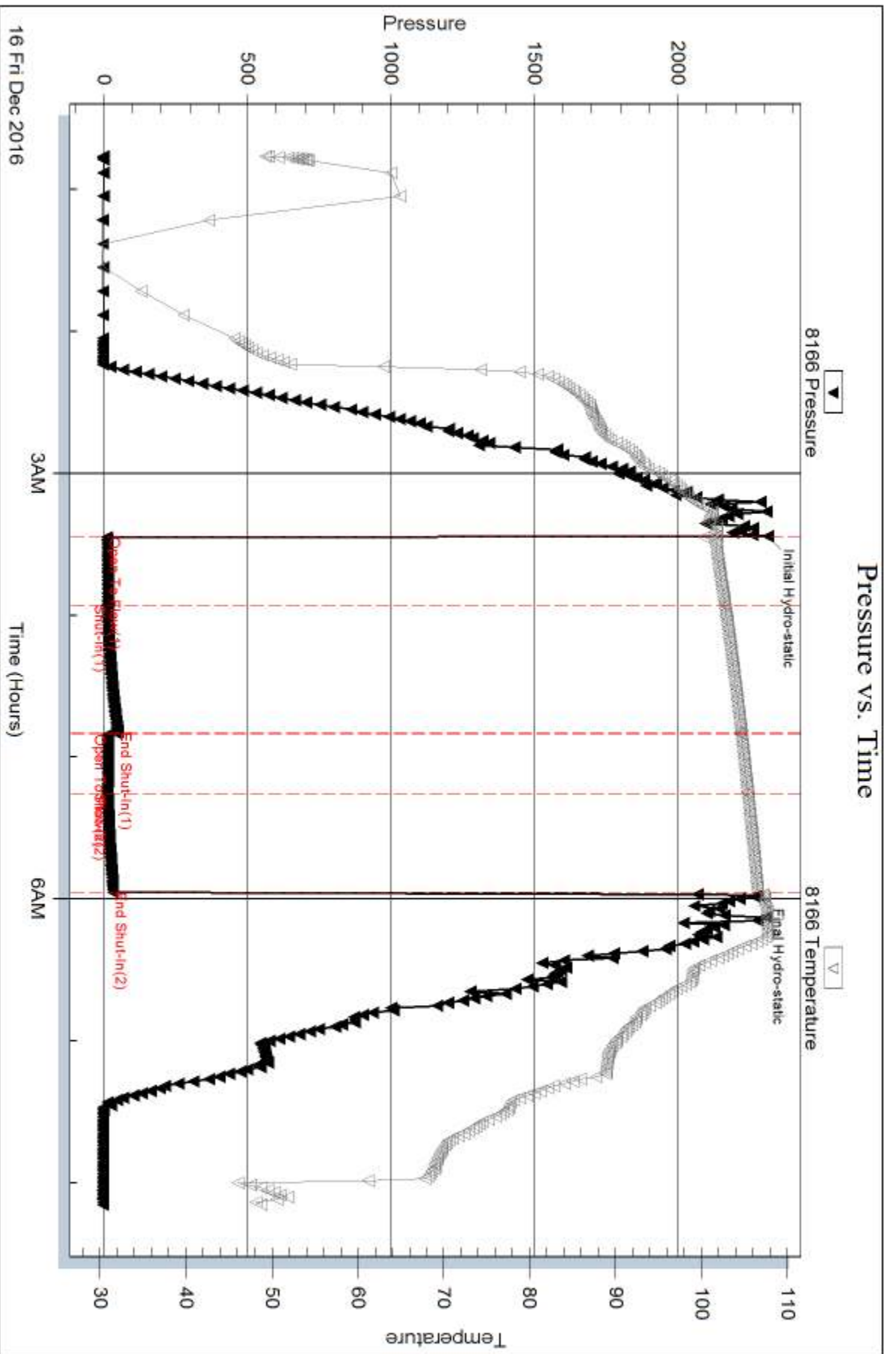
Num Gas Bombs: 0

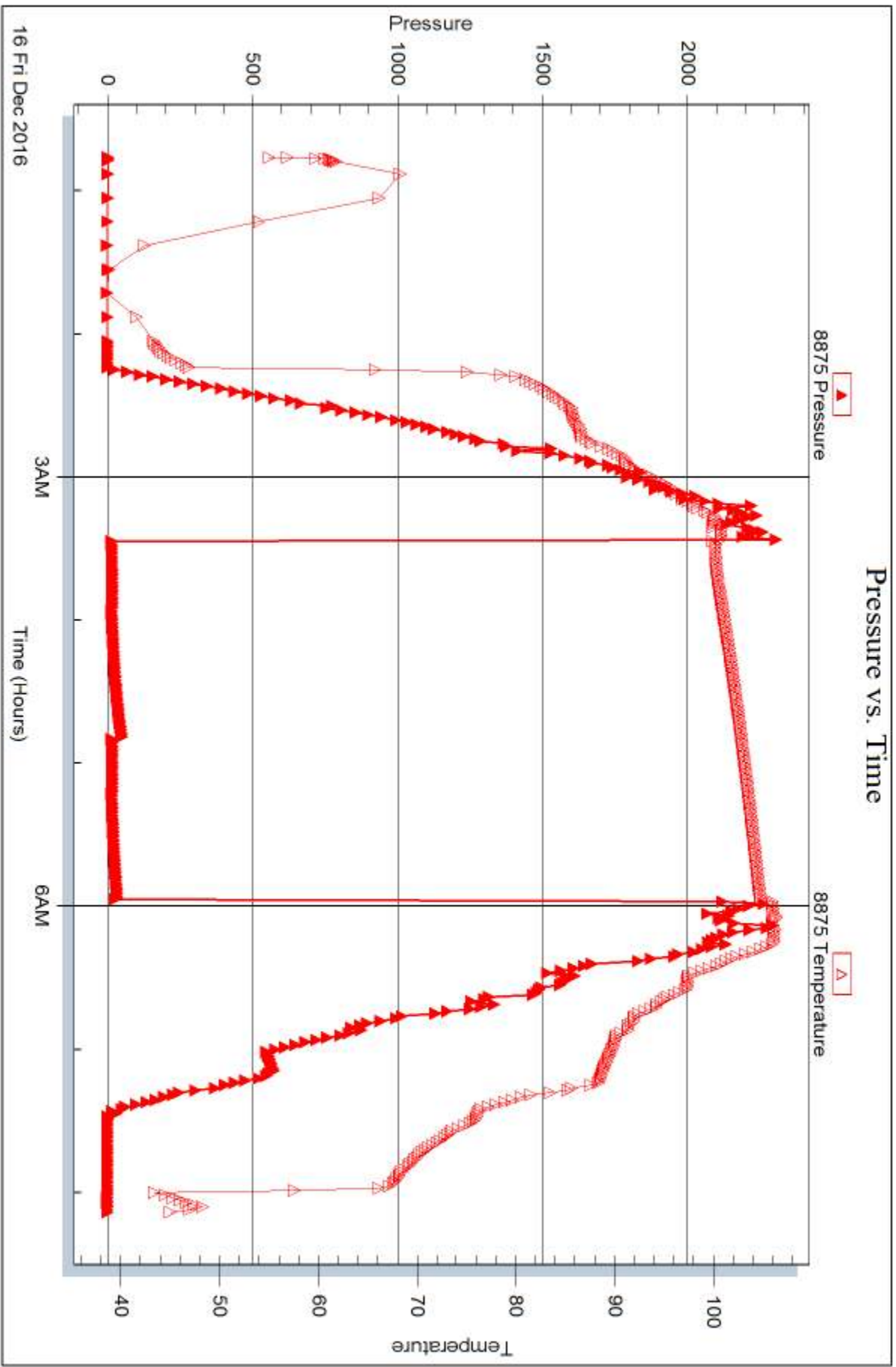
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







## DRILL STEM TEST REPORT

Prepared For: **Landmark Resources Inc**

1616 S Voss rd ste 600  
Houston, Tx 77057

ATTN: Terry Mcleod

### **Beeson #5-1**

#### **1-17s-34w Scott,KS**

Start Date: 2016.12.17 @ 13:14:57

End Date: 2016.12.18 @ 00:00:57

Job Ticket #: 65649                      DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2016.12.19 @ 13:43:21



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Landmark Resources Inc

**1-17s-34w Scott,KS**

1616 S Voss rd ste 600  
Houston, Tx 77057

**Beeson #5-1**

Job Ticket: 65649

**DST#: 3**

ATTN: Terry Mcleod

Test Start: 2016.12.17 @ 13:14:57

## GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:08:27

Time Test Ended: 00:00:57

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

**Interval: 4658.00 ft (KB) To 4710.00 ft (KB) (TVD)**

Reference Elevations: 3103.00 ft (KB)

Total Depth: 4770.00 ft (KB) (TVD)

3098.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

**Serial #: 8166 Outside**

Press@RunDepth: 38.96 psig @ 4659.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.12.17

End Date:

2016.12.18

Last Calib.: 2016.12.18

Start Time: 13:15:02

End Time:

00:00:57

Time On Btm: 2016.12.17 @ 17:07:27

Time Off Btm: 2016.12.17 @ 19:11:57

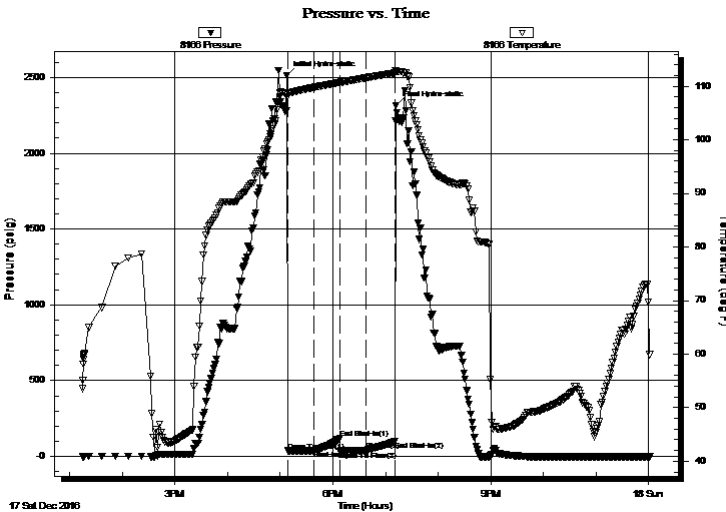
TEST COMMENT: IF: 1/4" blow died in 10 min.

IS: No return.

FF: No blow.

FS: No return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2509.88	108.78	Initial Hydro-static
1	35.74	108.13	Open To Flow (1)
32	36.96	109.79	Shut-In(1)
61	117.20	110.72	End Shut-In(1)
61	35.00	110.71	Open To Flow (2)
90	38.96	111.57	Shut-In(2)
124	97.50	112.48	End Shut-In(2)
125	2315.61	112.77	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
15.00	mud oil spots 100%m	0.21

\* Recovery from multiple tests

## Gas Rates

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









**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Landmark Resources Inc

**1-17s-34w Scott,KS**

1616 S Voss rd ste 600  
Houston, Tx 77057

**Beeson #5-1**

Job Ticket: 65649

**DST#: 3**

ATTN: Terry Mcleod

Test Start: 2016.12.17 @ 13:14:57

## Tool Information

Drill Pipe:	Length: 4649.00 ft	Diameter: 3.80 inches	Volume: 65.21 bbl	Tool Weight: 2000.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 65.21 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	4658.00 ft			Final 55000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	112.00 ft			
Tool Length:	134.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Stubb	1.00			4637.00	
Shut In Tool	5.00			4642.00	
Hydraulic tool	5.00			4647.00	
Safety Joint	2.00			4649.00	
Packer	5.00			4654.00	22.00 Bottom Of Top Packer
Packer	4.00			4658.00	
Stubb	1.00			4659.00	
Recorder	0.00	8875	Inside	4659.00	
Recorder	0.00	8166	Outside	4659.00	
Perforations	3.00			4662.00	
Change Over Sub	1.00			4663.00	
Drill Pipe	31.00			4694.00	
Change Over Sub	1.00			4695.00	
Perforations	10.00			4705.00	
Blank Off Sub	1.00			4706.00	
Packer - Shale	4.00			4710.00	
Stubb	1.00			4711.00	
Perforations	21.00			4732.00	
Change Over Sub	1.00			4733.00	
Drill Pipe	31.00			4764.00	
Recorder	0.00	8369	Below	4764.00	
Change Over Sub	1.00			4765.00	
Bullnose	5.00			4770.00	112.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>134.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Landmark Resources Inc

**1-17s-34w Scott,KS**

1616 S Voss rd ste 600  
Houston, Tx 77057

**Beeson #5-1**

Job Ticket: 65649

**DST#: 3**

ATTN: Terry Mcleod

Test Start: 2016.12.17 @ 13:14:57

### 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: 54.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbf
15.00	mud oil spots 100%m	0.210

Total Length: 15.00 ft      Total Volume: 0.210 bbf

Num Fluid Samples: 0

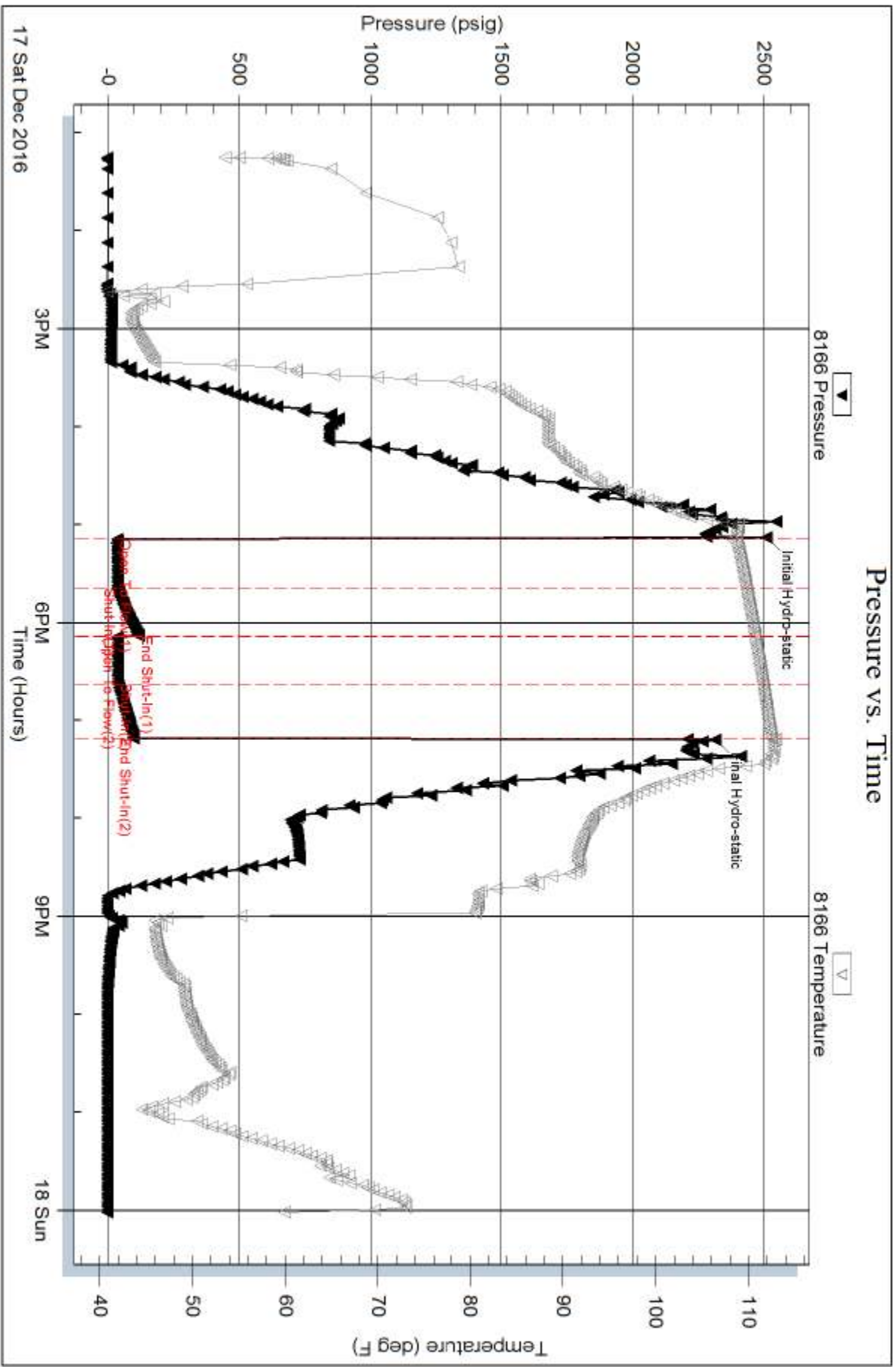
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



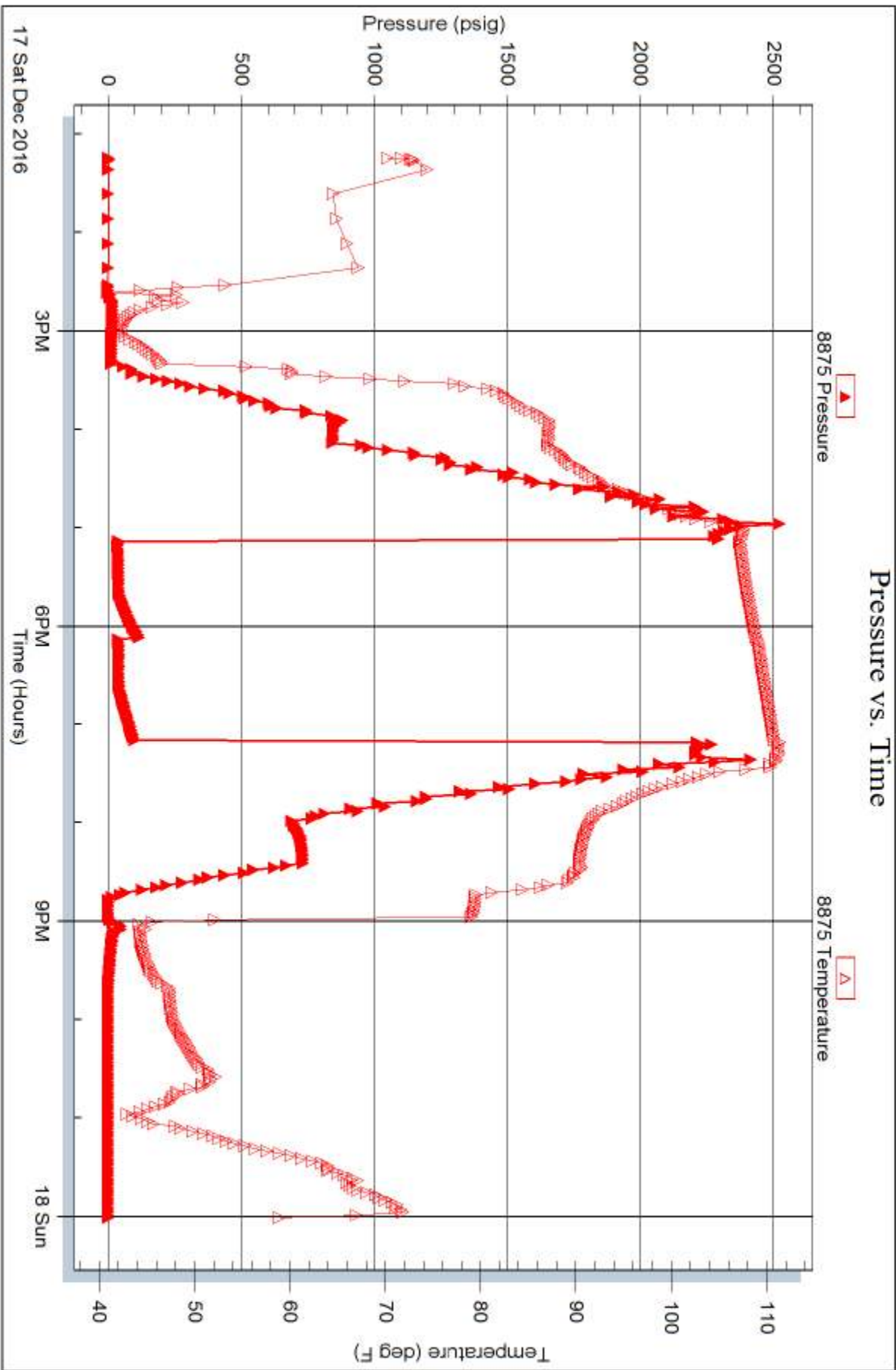
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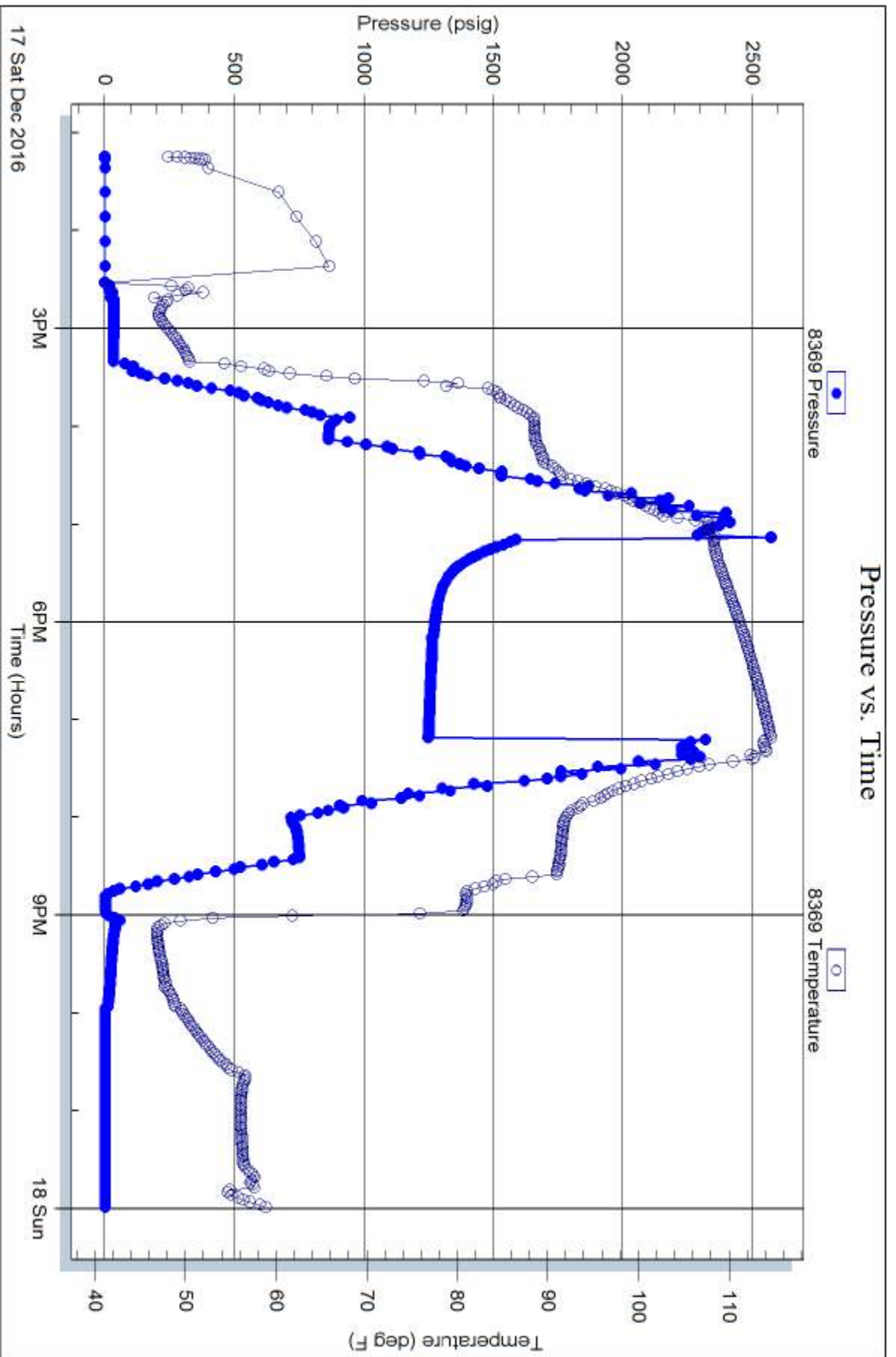
Inside

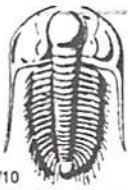
Landmark Resources Inc

Beeson #5-1

DST Test Number: 3







# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. **65647**

Well Name & No. Beeson 5-1 Test No. 1 Date 12-15-16  
 Company Landmark Resources INC Elevation 3103 KB 3098 GL  
 Address 1616 S VOSS RD Ste 600 Houston, TX 77057  
 Co. Rep / Geo. Terry McLeod Rig LD  
 Location: Sec. 1 Twp. 17 Rge. 34 Co. Scott State KS

Interval Tested 4441 4460 Zone Tested Marmaton-A  
 Anchor Length 19 Drill Pipe Run 4432 Mud Wt. 8.9  
 Top Packer Depth 4436 Drill Collars Run — Vis 57  
 Bottom Packer Depth 4441 Wt. Pipe Run — WL 7.8  
 Total Depth 4460 Chlorides 3800 ppm System LCM 5  
 Blow Description IF: 1/4 blow built to & 1/2 md died to & surface blow.  
FS: No return.  
FF: surface blow built to 1/4 in 60 min.  
FS: No return.

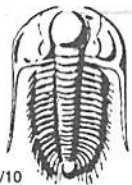
Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5 BHT 109 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2275</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>6:30</u>
(B) First Initial Flow <u>13</u>	<input type="checkbox"/> Jars	T-Started <u><del>8:21</del> 8:21</u>
(C) First Final Flow <u>15</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u><del>10:45</del> 10:45</u>
(D) Initial Shut-In <u>22</u>	<input checked="" type="checkbox"/> Circ Sub <u>NIL</u>	T-Pulled <u>14:36</u>
(E) Second Initial Flow <u>15</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>16:13</u>
(F) Second Final Flow <u>16</u>	<input checked="" type="checkbox"/> Mileage <u>34-</u> 25.50	Comments
(G) Final Shut-In <u>20</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2176</u>	<input type="checkbox"/> Straddle	
	<input checked="" type="checkbox"/> Shale Packer <u>250</u>	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Initial Open <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Initial Shut-In <u>45</u>	<input type="checkbox"/> Day Standby	Total <u>1500.50</u>
Final Flow <u>60</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't
Final Shut-In <u>90</u>	Sub Total <u>1500.50</u>	

Approved By Jay D. McLeod 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.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. **65648**

Well Name & No. Beeson 5-1 Test No. 2 Date 12-15-16  
 Company Landmark Resources Inc Elevation 3103 KB 3098 GL  
 Address \_\_\_\_\_  
 Co. Rep / Geo. Terry McLeod Rig LD  
 Location: Sec. 1 Twp. 17 Rge. 34 Co. Scott State KS

Interval Tested 4456 4486 Zone Tested Murphyton B-C  
 Anchor Length \_\_\_\_\_ 30 Drill Pipe Run 4462 Mud Wt. 9.2  
 Top Packer Depth \_\_\_\_\_ 4451 Drill Collars Run — Vis 52  
 Bottom Packer Depth \_\_\_\_\_ 4456 Wt. Pipe Run — WL 9.6  
 Total Depth \_\_\_\_\_ 4486 Chlorides 5600 ppm System LCM 5  
 Blow Description IF: Surface blow died in 8 min.  
IS: No return,  
FF: No blow.  
FS: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</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 5 BHT 106 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic <u>2311</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>23:40</u>
(B) First Initial Flow <u>11</u>	<input type="checkbox"/> Jars _____	T-Started <u>00:45</u>
(C) First Final Flow <u>13</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>3:25</u>
(D) Initial Shut-In <u>48</u>	<input checked="" type="checkbox"/> Circ Sub <u>NIL</u>	T-Pulled <u>5:55</u>
(E) Second Initial Flow <u>13</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>8:08</u>
(F) Second Final Flow <u>13</u>	<input checked="" type="checkbox"/> Mileage <u>34-</u> 25.50	Comments _____
(G) Final Shut-In <u>31</u>	<input type="checkbox"/> Sampler _____	_____
(H) Final Hydrostatic <u>2276</u>	<input type="checkbox"/> Straddle _____	_____
Initial Open <u>30</u>	<input checked="" type="checkbox"/> Shale Packer <u>250</u>	<input type="checkbox"/> Ruined Shale Packer _____
Initial Shut-In <u>45</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>45</u>	<input type="checkbox"/> Day Standby _____	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility _____	Total <u>1500.50</u>
	Sub Total <u>1500.50</u>	MP/DST Disc't _____

Approved By Terry McLeod 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.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. **65649**

Well Name & No. Beeson 5-1 Test No. 3 Date 12-17-16  
 Company Landmark Resources Inc Elevation 3103 KB 3098 GL  
 Address \_\_\_\_\_  
 Co. Rep / Geo. Terry McLeod Rig LD  
 Location: Sec. 1 Twp. 17 Rge. 34 Co. Scott State KS

Interval Tested 4858 4710 Zone Tested Johnson  
 Anchor Length 52 Drill Pipe Run 4649 Mud Wt. 9.1  
 Top Packer Depth 4658 Drill Collars Run — Vis 54  
 Bottom Packer Depth 4710 Wt. Pipe Run — WL 8.8  
 Total Depth 4770 Chlorides 5500 ppm System LCM 5  
 Blow Description IF: 1/4 blow died in 20 min.  
IS: No return.  
FF: NO blow.  
FS: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>15</u>	<u>mud oil spots</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 15 BHT 112 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2509</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>12:00</u>
(B) First Initial Flow <u>35</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>13:14</u>
(C) First Final Flow <u>36</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>17:07</u>
(D) Initial Shut-In <u>117</u>	<input checked="" type="checkbox"/> Circ Sub _____	T-Pulled <u>19:07</u>
(E) Second Initial Flow <u>35</u>	<input checked="" type="checkbox"/> Hourly Standby <u>2-160.00</u> .75h 60	T-Out <u>00:01</u>
(F) Second Final Flow <u>38</u>	<input checked="" type="checkbox"/> Mileage <u>34-x2</u> 51	Comments _____
(G) Final Shut-In <u>97</u>	<input type="checkbox"/> Sampler _____	_____
(H) Final Hydrostatic <u>2315</u>	<input checked="" type="checkbox"/> Straddle <u>600</u>	<input type="checkbox"/> Ruined Shale Packer _____
	<input checked="" type="checkbox"/> Shale Packer <u>2x</u> 500	<input type="checkbox"/> Ruined Packer _____
Initial Open <u>30</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Final Flow <u>30</u>	<input type="checkbox"/> Day Standby _____	Total <u>2686</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>2686</u>	

Approved By Terry McLeod Our Representative [Signature]

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