



Confidentiality Requested:

Yes  No

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

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

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

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

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

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE  NW  SE  SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_

(e.g. xx.xxxxx)

(e.g. -xxx.xxxxx)

Datum:  NAD27  NAD83  WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**AFFIDAVIT**

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

Submitted Electronically

**KCC Office Use ONLY**

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



1182966

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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  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: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
--	---

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

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Landmark Resources, Inc.
Well Name	Beeson Trust 1-1
Doc ID	1182966

All Electric Logs Run

Borehole Compensated Sonic Log
Dual Induction Log
Microresistivity Log
Dual Compensated Porosity Log

Form	ACO1 - Well Completion
Operator	Landmark Resources, Inc.
Well Name	Beeson Trust 1-1
Doc ID	1182966

Tops

Name	Top	Datum
Anhydrite	2424	+682
Topeka	3731	-625
Heebner	3964	-858
Lansing	4010	-904
BKC	4375	-1269
Marmaton	4432	-1326
Altamont	4447	-1341
Pawnee	4512	-1406
Myrick Station	4546	-1440
Fort Scott	4563	-1457
Cherokee	4590	1484
Johnson	4631	-1525
Morrow SD	4768	-1662
Mississipian	4779	-1673

## Summary of Changes

Lease Name and Number: Beeson Trust 1-1

API/Permit #: 15-171-20985-00-00

Doc ID: 1182966

Correction Number: 1

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Approved Date	12/10/2013	01/21/2014
Date of First or Resumed Production or SWD or Enhr Producing Method Pumping	No	01/01/2014 Yes
Production - Barrels Oil		154
Production - Barrels of Water		3
Production - MCF Gas		0
Production - Oil Gravity		35
Save Link	<a href="http://.../kcc/detail/operatorEditDetail.cfm?docID=1171960">../..kcc/detail/operatorEditDetail.cfm?docID=1171960</a>	<a href="http://.../kcc/detail/operatorEditDetail.cfm?docID=1182966">../..kcc/detail/operatorEditDetail.cfm?docID=1182966</a>



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1171960  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
August 2013

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

**CONFIDENTIAL**

**WELL COMPLETION FORM**

**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

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

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

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

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

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE     NW     SE     SW

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

Datum:  NAD27     NAD83     WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**

*(Data must be collected from the Reserve Pit)*

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**AFFIDAVIT**

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

Submitted Electronically

**KCC Office Use ONLY**

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

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

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				

1. Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
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> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Landmark Resources, Inc.
Well Name	Beeson Trust 1-1
Doc ID	1171960

All Electric Logs Run

Borehole Compensated Sonic Log
Dual Induction Log
Microresistivity Log
Dual Compensated Porosity Log



Form	ACO1 - Well Completion
Operator	Landmark Resources, Inc.
Well Name	Beeson Trust 1-1
Doc ID	1171960

Tops

Name	Top	Datum
Anhydrite	2424	+682
Topeka	3731	-625
Heebner	3964	-858
Lansing	4010	-904
BKC	4375	-1269
Marmaton	4432	-1326
Altamont	4447	-1341
Pawnee	4512	-1406
Myrick Station	4546	-1440
Fort Scott	4563	-1457
Cherokee	4590	1484
Johnson	4631	-1525
Morrow SD	4768	-1662
Mississipian	4779	-1673

Form	ACO1 - Well Completion
Operator	Landmark Resources, Inc.
Well Name	Beeson Trust 1-1
Doc ID	1171960

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
2	4427-51'	2500 gal 15% MCA/FE	4427-51'
	CIBP @ 4640'		4640'
2	4654-57', 4675-78' 4582-83' 4691-94'	2,000 gal 15% MCA/FE & 7500 gal gelled 20% acid	4654-94'





## DRILL STEM TEST REPORT

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

1616 S Voss Rd STE 600  
Houston, TX 77057

ATTN: Terry McLeod

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

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

Start Date: 2013.10.06 @ 19:02:00

End Date: 2013.10.07 @ 02:18:00

Job Ticket #: 55096                      DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.10.14 @ 13:51:28



**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 #1-1**

Job Ticket: 55096

**DST#: 1**

ATTN: Terry McLeod

Test Start: 2013.10.06 @ 19:02:00

## GENERAL INFORMATION:

Formation: **LKC "A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:11:00

Time Test Ended: 02:18:00

Test Type: Conventional Bottom Hole (Initial)

Tester: James Winder

Unit No: 57

**Interval: 4002.00 ft (KB) To 4030.00 ft (KB) (TVD)**

Reference Elevations: 3106.00 ft (KB)

Total Depth: 4030.00 ft (KB) (TVD)

3101.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 8671**

**Inside**

Press @ Run Depth: 388.60 psig @ 4003.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.10.06

End Date:

2013.10.07

Last Calib.:

2013.10.07

Start Time:

19:02:05

End Time:

02:17:59

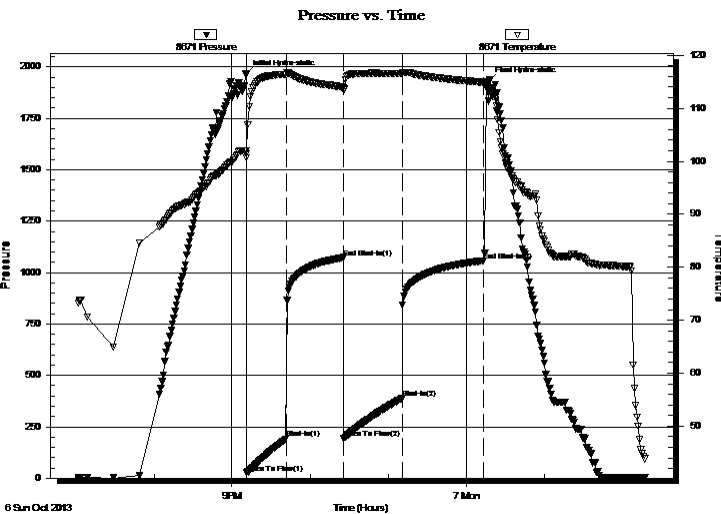
Time On Btm:

2013.10.06 @ 21:10:45

Time Off Btm:

2013.10.07 @ 00:17:30

**TEST COMMENT:** 30 - IF: Blow built to BOB (11") in 8 min.  
45 - IS: No blow back  
45 - FF: Blow built to BOB in 9 1/4 min.  
60 - FS: No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1965.41	102.01	Initial Hydro-static
1	25.51	100.67	Open To Flow (1)
31	191.78	116.43	Shut-In(1)
75	1072.78	113.97	End Shut-In(1)
76	193.28	113.46	Open To Flow (2)
120	388.60	116.59	Shut-In(2)
183	1057.67	114.90	End Shut-In(2)
187	1930.15	113.36	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
640.00	Water w /TO 98%w , 2%m	8.98
125.00	SMCW w /TO 93%w , 7%m	1.75
30.00	MCW w /TO 72%w , 28%m	0.42

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Landmark Resources, Inc.  
1616 S Voss Rd STE 600  
Houston, TX 77057  
ATTN: Terry McLeod

**1-17s-34w Scott KS**  
**Beeson #1-1**  
Job Ticket: 55096      **DST#: 1**  
Test Start: 2013.10.06 @ 19:02:00

## GENERAL INFORMATION:

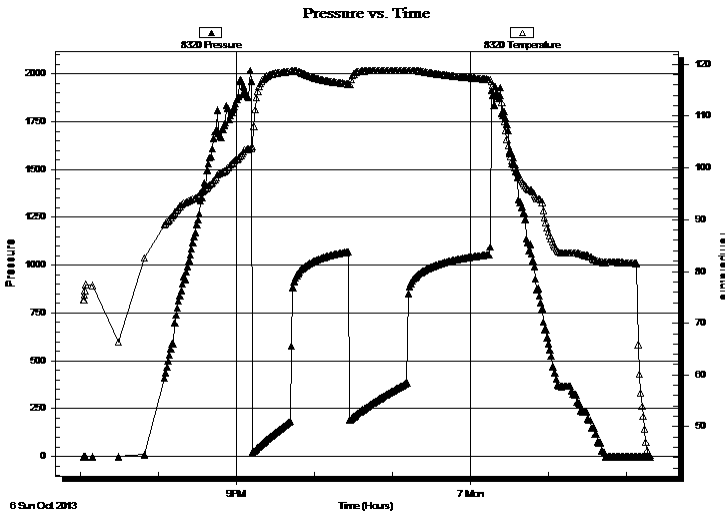
Formation: **LKC "A"**  
Deviated: No Whipstock:                              ft (KB)      Test Type: Conventional Bottom Hole (Initial)  
Time Tool Opened: 21:11:00      Tester: James Winder  
Time Test Ended: 02:18:00      Unit No: 57  
  
Interval: **4002.00 ft (KB) To 4030.00 ft (KB) (TVD)**      Reference Elevations: 3106.00 ft (KB)  
Total Depth: 4030.00 ft (KB) (TVD)      3101.00 ft (CF)  
Hole Diameter: 7.88 inches Hole Condition: Fair      KB to GR/CF: 5.00 ft

## Serial #: 8320      Outside

Press @ Run Depth:                              psig @ 4003.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2013.10.06      End Date: 2013.10.07      Last Calib.: 2013.10.07  
Start Time: 19:02:05      End Time: 02:18:14      Time On Btm:  
Time Off Btm:

TEST COMMENT: 30 - IF: Blow built to BOB (11") in 8 min.  
45 - IS: No blow back  
45 - FF: Blow built to BOB in 9 1/4 min.  
60 - FS: No blow back

## PRESSURE SUMMARY



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

## Recovery

Length (ft)	Description	Volume (bbl)
640.00	Water w /TO 98%w , 2%m	8.98
125.00	SMCW w /TO 93%w , 7%m	1.75
30.00	MCW w /TO 72%w , 28%m	0.42

## 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 #1-1**

Job Ticket: 55096

**DST#: 1**

ATTN: Terry McLeod

Test Start: 2013.10.06 @ 19:02:00

## Tool Information

Drill Pipe:	Length: 3999.00 ft	Diameter: 3.80 inches	Volume: 56.10 bbl	Tool Weight:	2500.00 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: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	72000.00 lb
			<u>Total Volume: 56.10 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial	62000.00 lb
Depth to Top Packer:	4002.00 ft			Final	66000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	28.00 ft				
Tool Length:	51.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3984.00	
Hydraulic tool	5.00			3989.00	
Safety Joint	3.00			3992.00	
Packer	5.00			3997.00	23.00 Bottom Of Top Packer
Packer	5.00			4002.00	
Stubb	1.00			4003.00	
Recorder	0.00	8671	Inside	4003.00	
Recorder	0.00	8320	Outside	4003.00	
Perforations	24.00			4027.00	
Bullnose	3.00			4030.00	28.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>51.00</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 #1-1**

Job Ticket: 55096

**DST#: 1**

ATTN: Terry McLeod

Test Start: 2013.10.06 @ 19:02:00

## 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:

76000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.74 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
640.00	Water w/TO 98%w , 2%m	8.978
125.00	SMCW w/TO 93%w , 7%m	1.753
30.00	MCW w/TO 72%w , 28%m	0.421

Total Length: 795.00 ft      Total Volume: 11.152 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

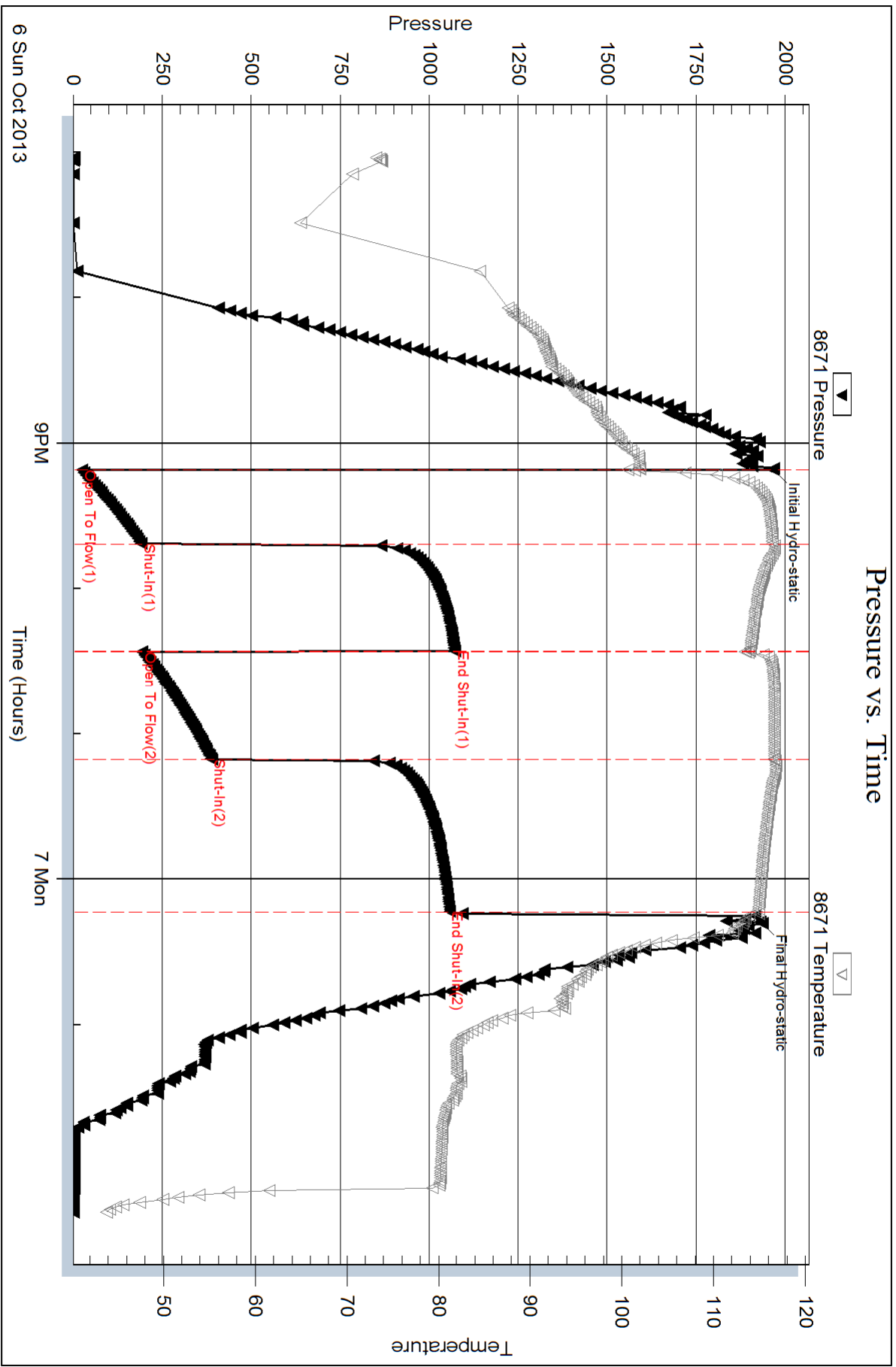
Laboratory Name:

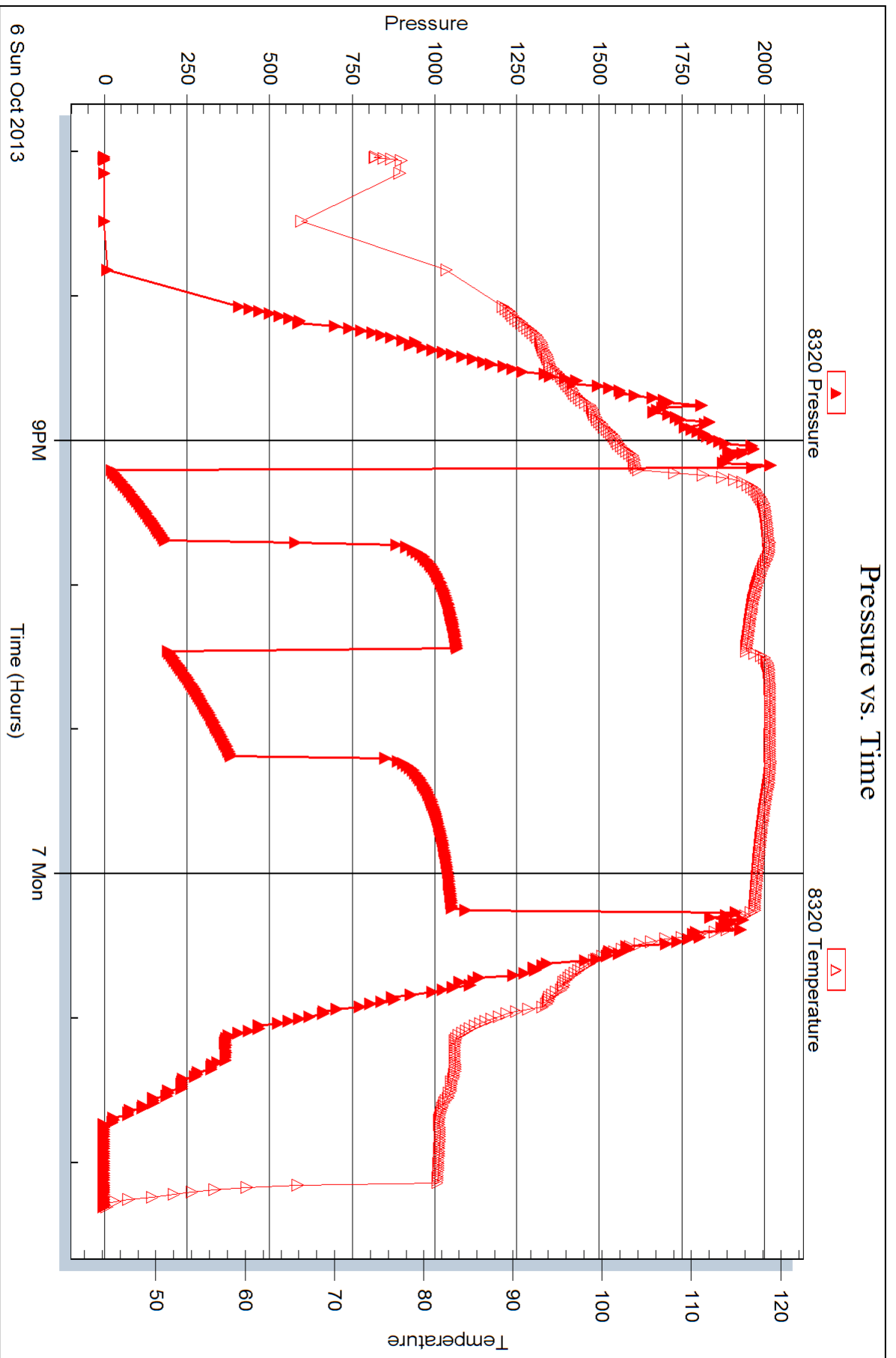
Laboratory Location:

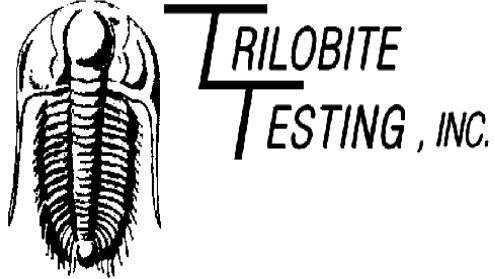
Recovery Comments: RW = .163 ohms @ 44.5 deg F

Chlorides = 76,000 ppm









## DRILL STEM TEST REPORT

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

1616 S Voss Rd STE 600  
Houston, TX 77057

ATTN: Terry McLeod

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

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

Start Date: 2013.10.07 @ 09:30:00

End Date: 2013.10.07 @ 16:11:30

Job Ticket #: 55097                      DST #: 2

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

Printed: 2013.10.14 @ 13:51:04



**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 #1-1**

Job Ticket: 55097

**DST#: 2**

ATTN: Terry McLeod

Test Start: 2013.10.07 @ 09:30:00

## GENERAL INFORMATION:

Formation: **LKC. "C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:14:15

Time Test Ended: 16:11:30

Test Type: Conventional Bottom Hole (Reset)

Tester: James Winder

Unit No: 57

**Interval: 4041.00 ft (KB) To 4060.00 ft (KB) (TVD)**

Total Depth: 4060.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3106.00 ft (KB)

3101.00 ft (CF)

KB to GR/CF: 5.00 ft

**Serial #: 8671**

**Inside**

Press @ Run Depth: 220.73 psig @ 4042.00 ft (KB)

Start Date: 2013.10.07

End Date:

2013.10.07

Start Time: 09:30:05

End Time:

16:11:29

Capacity: 8000.00 psig

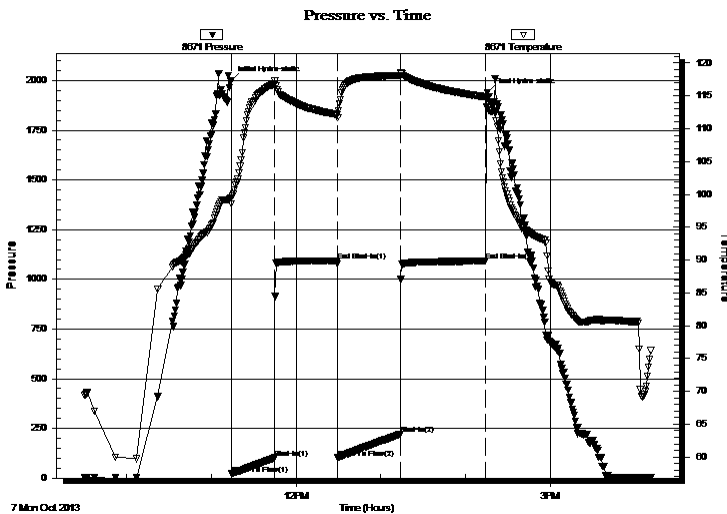
Last Calib.: 2013.10.07

Time On Btm: 2013.10.07 @ 11:14:00

Time Off Btm: 2013.10.07 @ 14:15:45

**TEST COMMENT:** 30 - IF: Blow built to BOB (11") in 17 3/4 min.  
45 - IS: No blow back  
45 - FF: Blow built to BOB in 18 1/4 min.  
60 - FS: No blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1998.57	99.50	Initial Hydro-static
1	20.69	98.56	Open To Flow (1)
31	101.32	116.70	Shut-In(1)
75	1094.32	112.17	End Shut-In(1)
76	102.12	111.70	Open To Flow (2)
120	220.73	118.11	Shut-In(2)
181	1092.01	114.85	End Shut-In(2)
182	1940.79	113.16	Final Hydro-static

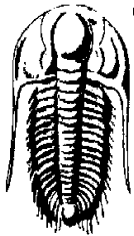
## Recovery

Length (ft)	Description	Volume (bbl)
10.00	WM w /TO 53%w, 47%w	0.14
372.00	Water w /TO 94%w, 6%w	5.22
63.00	MCW w /TO 66%w, 34%w	0.88
5.00	MCW w /OS 74%w, 24%w, 2%o	0.07
0.00	a few inches of Free Oil on top	0.00

## Gas Rates

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

\* Recovery from multiple tests



**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 #1-1**

Job Ticket: 55097

**DST#: 2**

ATTN: Terry McLeod

Test Start: 2013.10.07 @ 09:30:00

## GENERAL INFORMATION:

Formation: **LKC. "C"**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 11:14:15  
 Time Test Ended: 16:11:30  
 Interval: **4041.00 ft (KB) To 4060.00 ft (KB) (TVD)**  
 Total Depth: 4060.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: James Winder  
 Unit No: 57  
 Reference Elevations: 3106.00 ft (KB)  
 3101.00 ft (CF)  
 KB to GR/CF: 5.00 ft

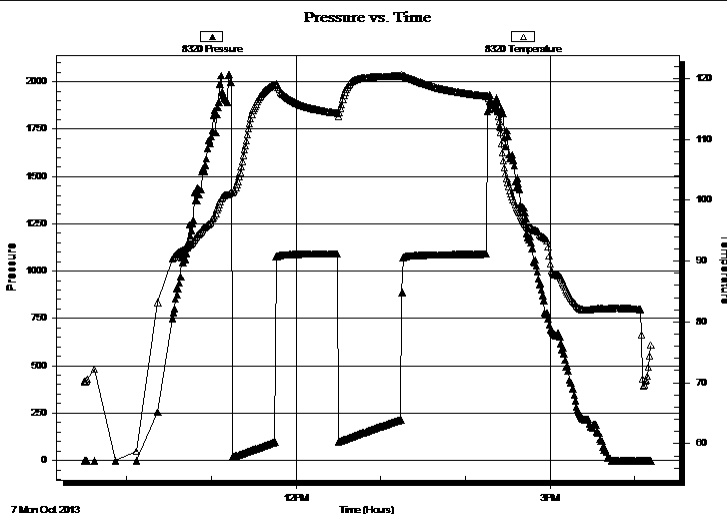
**Serial #: 8320**

**Outside**

Press @ Run Depth: psig @ 4042.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2013.10.07 End Date: 2013.10.07 Last Calib.: 2013.10.07  
 Start Time: 09:30:05 End Time: 16:11:44 Time On Btm:  
 Time Off Btm:

**TEST COMMENT:** 30 - IF: Blow built to BOB (11") in 17 3/4 min.  
 45 - IS: No blow back  
 45 - FF: Blow built to BOB in 18 1/4 min.  
 60 - FS: No blow back

## PRESSURE SUMMARY



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

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	WM w /TO 53% m, 47% w	0.14
372.00	Water w /TO 94% w, 6% m	5.22
63.00	MCW w /TO 66% w, 34% m	0.88
5.00	MCW w /OS 74% w, 24% m, 2% o	0.07
0.00	a few inches of Free Oil on top	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**

Landmark Resources, Inc.

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

1616 S Voss Rd STE 600  
Houston, TX 77057

**Beeson #1-1**

Job Ticket: 55097

**DST#: 2**

ATTN: Terry McLeod

Test Start: 2013.10.07 @ 09:30:00

## Tool Information

Drill Pipe:	Length: 4030.00 ft	Diameter: 3.80 inches	Volume: 56.53 bbl	Tool Weight: 2500.00 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: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 72000.00 lb
			<u>Total Volume: 56.53 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4041.00 ft			Final 66000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	19.00 ft			
Tool Length:	42.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

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

Shut In Tool	5.00			4023.00	
Hydraulic tool	5.00			4028.00	
Safety Joint	3.00			4031.00	
Packer	5.00			4036.00	23.00 Bottom Of Top Packer
Packer	5.00			4041.00	
Stubb	1.00			4042.00	
Recorder	0.00	8671	Inside	4042.00	
Recorder	0.00	8320	Outside	4042.00	
Perforations	15.00			4057.00	
Bullnose	3.00			4060.00	19.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>42.00</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 #1-1**

Job Ticket: 55097

**DST#: 2**

ATTN: Terry McLeod

Test Start: 2013.10.07 @ 09:30:00

## Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 54.00 sec/qt  
Water Loss: 10.36 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 5400.00 ppm  
Filter Cake: 1.00 inches

Cushion Type:  
Cushion Length: ft  
Cushion Volume: bbl  
Gas Cushion Type:  
Gas Cushion Pressure: psig

Oil API: deg API  
Water Salinity: 38000 ppm

## Recovery Information

Recovery Table

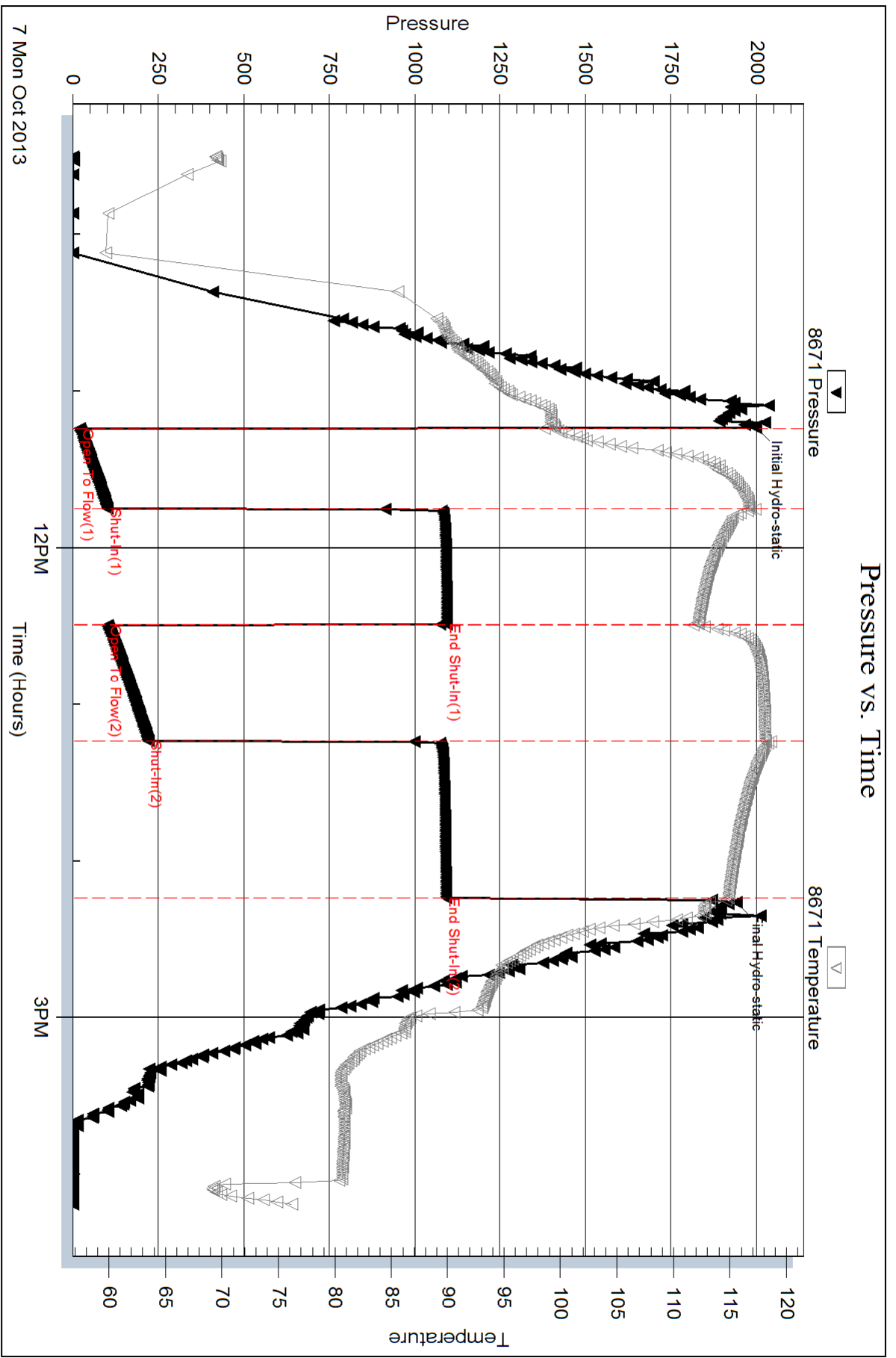
Length ft	Description	Volume bbl
10.00	WM w/TO 53% <i>m</i> , 47% <i>w</i>	0.140
372.00	Water w/TO 94% <i>w</i> , 6% <i>m</i>	5.218
63.00	MCW w/TO 66% <i>w</i> , 34% <i>m</i>	0.884
5.00	MCW w/OS 74% <i>w</i> , 24% <i>m</i> , 2% <i>o</i>	0.070
0.00	a few inches of Free Oil on top	0.000

Total Length: 450.00 ft      Total Volume: 6.312 bbl

Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments: RW = .157 ohms @ 86.8 deg F  
Chlorides = 38,000 ppm



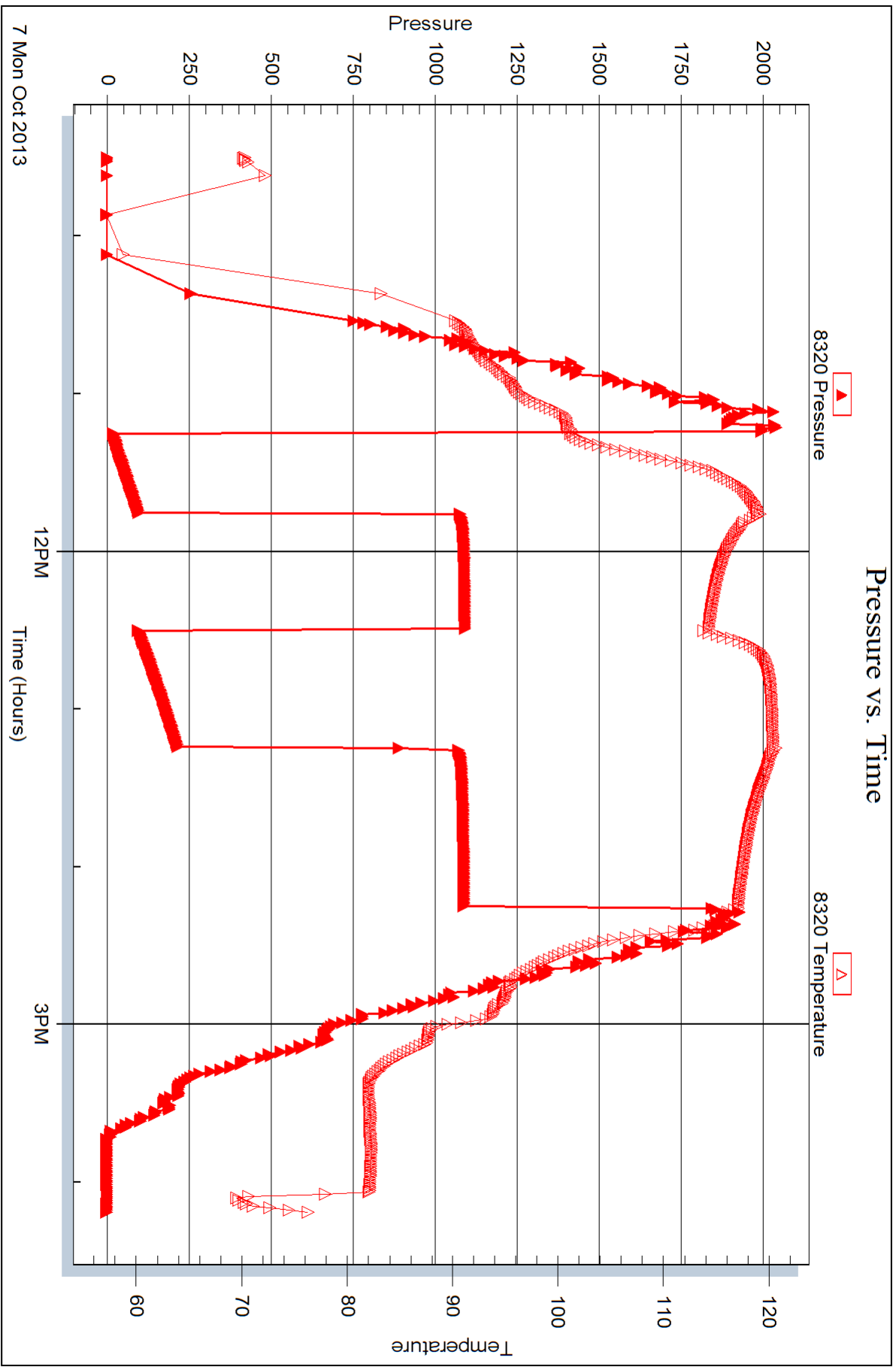


Serial #: 8320

Outside Landmark Resources, Inc.

Beeson #1-1

DST Test Number: 2





## DRILL STEM TEST REPORT

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

1616 S Voss Rd STE 600  
Houston, TX 77057

ATTN: Terry McLeod

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

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

Start Date: 2013.10.08 @ 15:00:00

End Date: 2013.10.08 @ 22:27:30

Job Ticket #: 55098                      DST #: 3

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

Printed: 2013.10.14 @ 13:45:30



**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 #1-1**

Job Ticket: 55098

**DST#: 3**

ATTN: Terry McLeod

Test Start: 2013.10.08 @ 15:00:00

## GENERAL INFORMATION:

Formation: **LKC "H - I"**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Reset)  
 Time Tool Opened: 17:02:00  
 Tester: James Winder  
 Time Test Ended: 22:27:30  
 Unit No: 57  
 Interval: **4205.00 ft (KB) To 4255.00 ft (KB) (TVD)**  
 Reference Elevations: 3106.00 ft (KB)  
 Total Depth: 4255.00 ft (KB) (TVD)  
 3101.00 ft (CF)  
 Hole Diameter: 7.88 inches  
 Hole Condition: Fair  
 KB to GR/CF: 5.00 ft

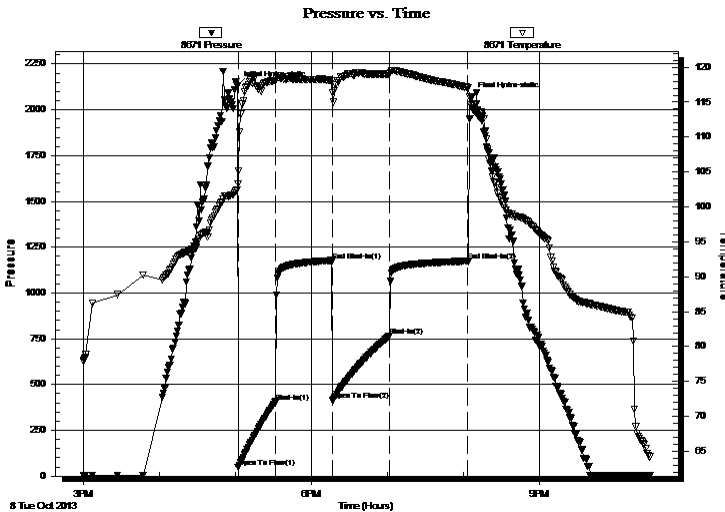
## Serial #: 8671

Inside

Press @ Run Depth: 765.42 psig @ 4206.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2013.10.08 End Date: 2013.10.08 Last Calib.: 2013.10.08  
 Start Time: 15:00:05 End Time: 22:27:29 Time On Btm: 2013.10.08 @ 17:01:30  
 Time Off Btm: 2013.10.08 @ 20:06:00

**TEST COMMENT:** 30 - IF: Blow built to BOB (11") in 3 1/4 min.  
 45 - IS: No blow back  
 45 - FF: Blow built to BOB in 4 1/4 min.  
 60 - FS: No blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2131.36	102.36	Initial Hydro-static
1	46.53	103.29	Open To Flow (1)
31	405.98	118.03	Shut-In(1)
75	1177.30	118.10	End Shut-In(1)
76	413.44	116.27	Open To Flow (2)
121	765.42	119.04	Shut-In(2)
182	1173.76	117.08	End Shut-In(2)
185	2072.24	114.56	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1585.00	Water w/trace oil 97%w , 3%m	22.23
95.00	M CW w/trace oil 81%w , 19%m	1.33
0.00	very low lever H2S gas throughout	0.00

\* Recovery from multiple tests

## Gas Rates

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



**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 #1-1**

ATTN: Terry McLeod

Job Ticket: 55098

**DST#: 3**

Test Start: 2013.10.08 @ 15:00:00

## GENERAL INFORMATION:

Formation: **LKC "H - I"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:02:00

Time Test Ended: 22:27:30

Test Type: Conventional Bottom Hole (Reset)

Tester: James Winder

Unit No: 57

**Interval: 4205.00 ft (KB) To 4255.00 ft (KB) (TVD)**

Total Depth: 4255.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3106.00 ft (KB)

3101.00 ft (CF)

KB to GR/CF: 5.00 ft

**Serial #: 8320 Outside**

Press @ Run Depth: psig @ 4206.00 ft (KB)

Start Date: 2013.10.08

End Date: 2013.10.08

Capacity: 8000.00 psig

Last Calib.: 2013.10.08

Start Time: 15:00:05

End Time: 22:28:14

Time On Btm:

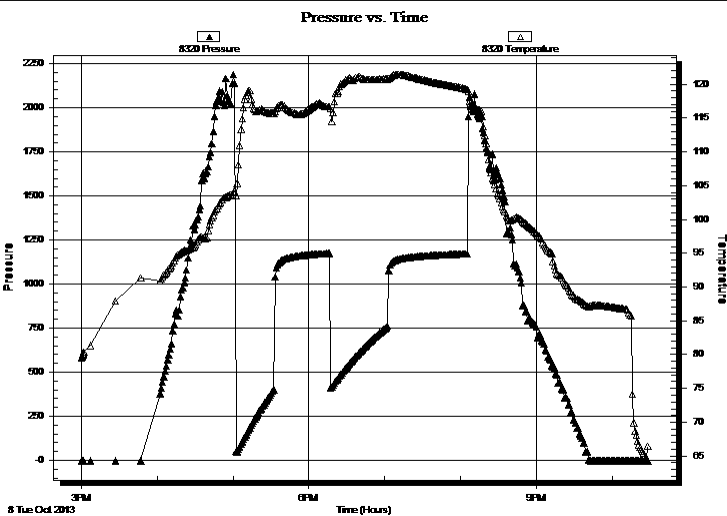
Time Off Btm:

**TEST COMMENT:** 30 - IF: Blow built to BOB (11") in 3 1/4 min.

45 - IS: No blow back

45 - FF: Blow built to BOB in 4 1/4 min.

60 - FS: No blow back



## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
1585.00	Water w/trace oil 97%w , 3%m	22.23
95.00	MCW w/trace oil 81%w , 19%m	1.33
0.00	very low lever H2S gas throughout	0.00

## Gas Rates

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

\* Recovery from multiple tests



**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 #1-1**

Job Ticket: 55098

**DST#: 3**

ATTN: Terry McLeod

Test Start: 2013.10.08 @ 15:00:00

## Tool Information

Drill Pipe:	Length: 4190.00 ft	Diameter: 3.80 inches	Volume: 58.77 bbl	Tool Weight: 2500.00 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: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 84000.00 lb
			<u>Total Volume: 58.77 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 67000.00 lb
Depth to Top Packer:	4205.00 ft			Final 76000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	50.00 ft			
Tool Length:	73.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

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

Shut In Tool	5.00			4187.00	
Hydraulic tool	5.00			4192.00	
Safety Joint	3.00			4195.00	
Packer	5.00			4200.00	23.00 Bottom Of Top Packer
Packer	5.00			4205.00	
Stubb	1.00			4206.00	
Recorder	0.00	8671	Inside	4206.00	
Recorder	0.00	8320	Outside	4206.00	
Perforations	10.00			4216.00	
Blank Spacing	33.00			4249.00	
Perforations	3.00			4252.00	
Bullnose	3.00			4255.00	50.00 Bottom Packers & Anchor

**Total Tool Length: 73.00**



**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 #1-1**

Job Ticket: 55098

**DST#: 3**

ATTN: Terry McLeod

Test Start: 2013.10.08 @ 15:00:00

## 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:

39000 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.57 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1585.00	Water w/trace oil 97%w , 3%m	22.233
95.00	MCW w/trace oil 81%w , 19%m	1.333
0.00	very low lever H2S gas throughout	0.000

Total Length: 1680.00 ft      Total Volume: 23.566 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

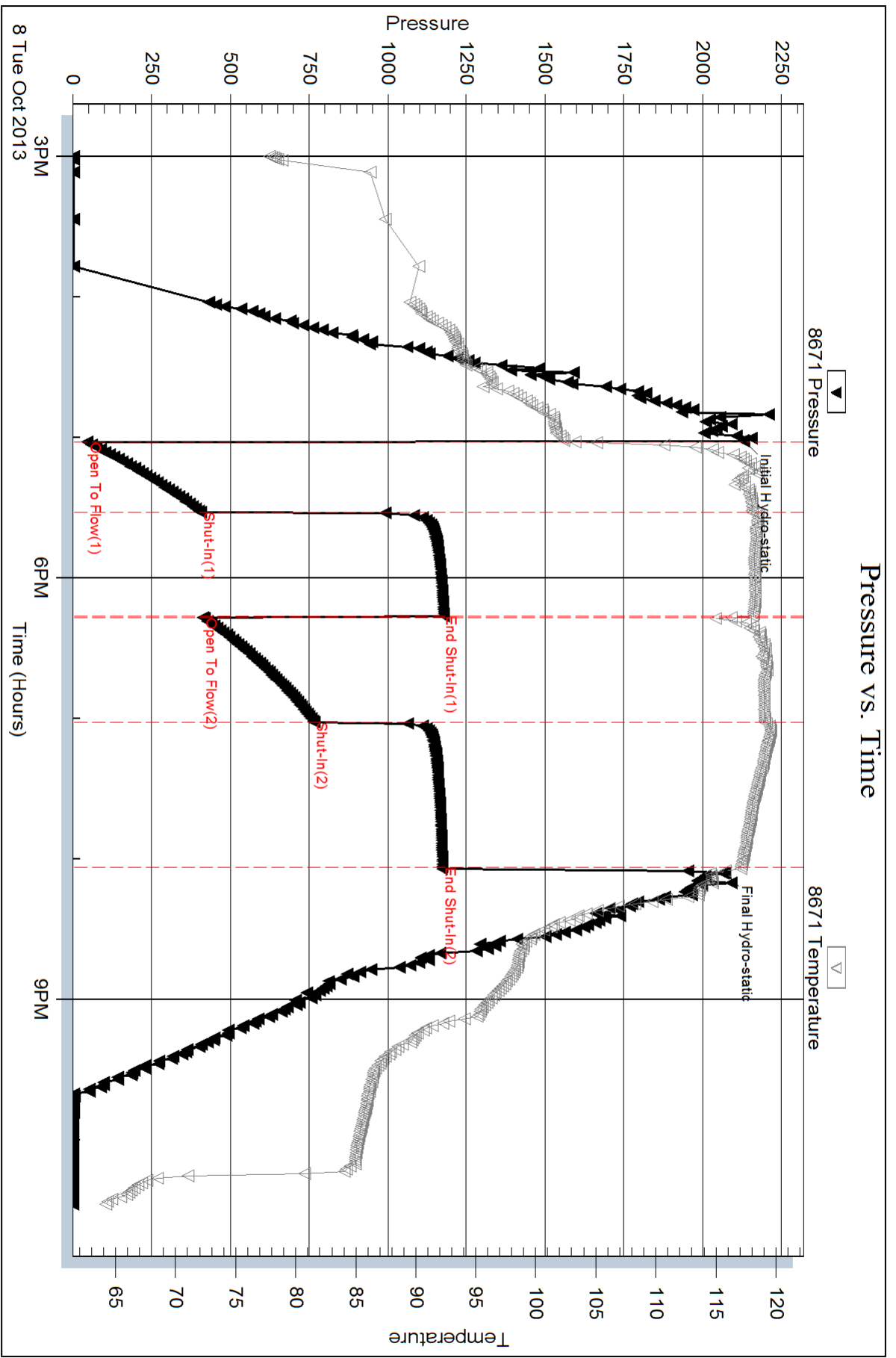
Serial #:

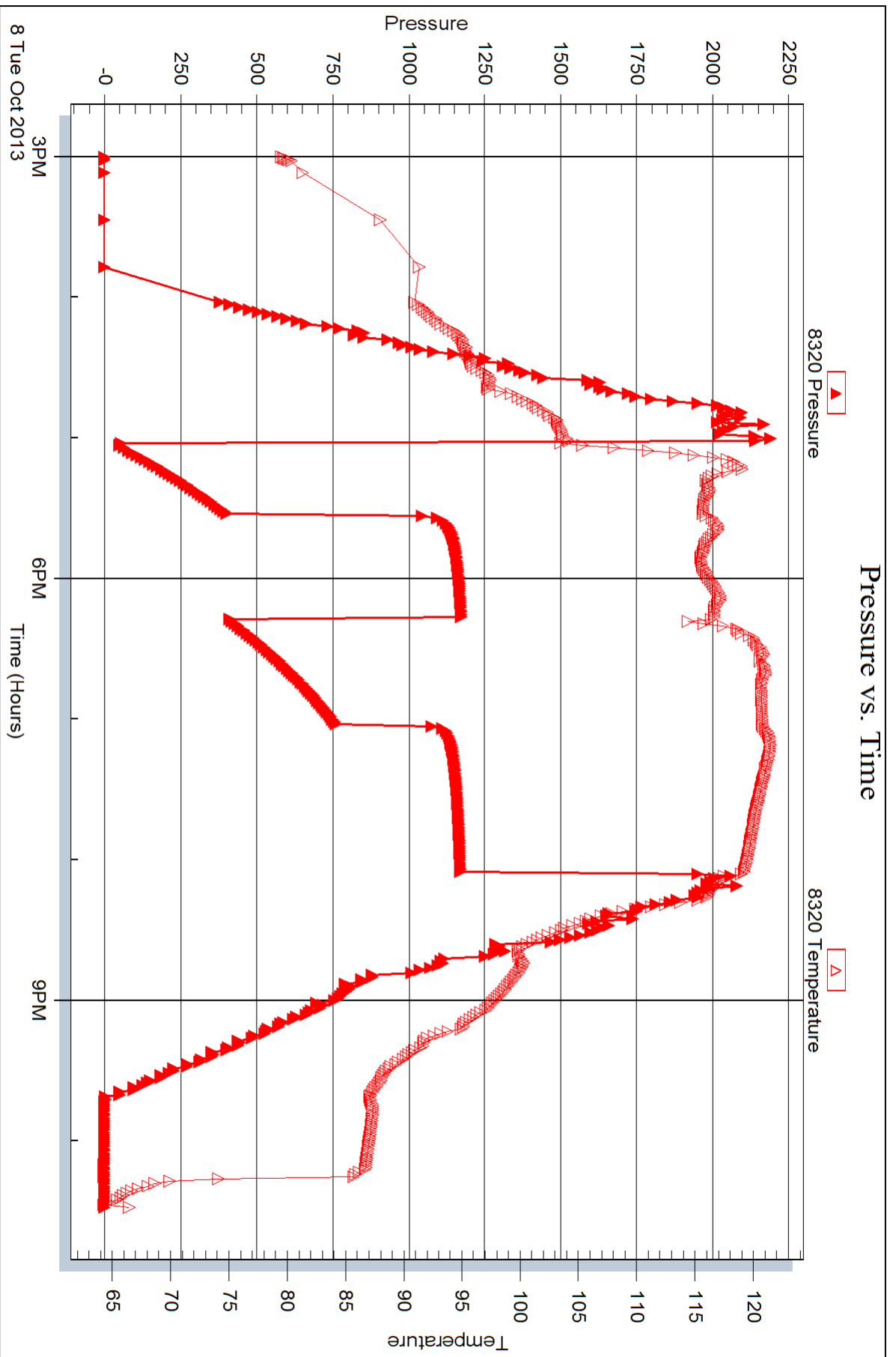
Laboratory Name:

Laboratory Location:

Recovery Comments: RW = .205 ohms @ 64.4 deg F

Chlorides = 39,000 ppm









## DRILL STEM TEST REPORT

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

1616 S Voss Rd STE 600  
Houston, TX 77057

ATTN: Terry McLeod

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

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

Start Date: 2013.10.09 @ 17:40:00

End Date: 2013.10.10 @ 02:45:00

Job Ticket #: 55514                      DST #: 4

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

Printed: 2013.10.14 @ 13:44:43



**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 #1-1**

Job Ticket: 55514

**DST#: 4**

ATTN: Terry McLeod

Test Start: 2013.10.09 @ 17:40:00

## GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:59:15

Time Test Ended: 02:45:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 69

**Interval: 4419.00 ft (KB) To 4445.00 ft (KB) (TVD)**

Reference Elevations: 3106.00 ft (KB)

Total Depth: 4445.00 ft (KB) (TVD)

3101.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 8677 Inside**

Press @ Run Depth: 1305.43 psig @ 4420.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.10.09

End Date:

2013.10.10

Last Calib.: 2013.10.10

Start Time: 17:40:05

End Time:

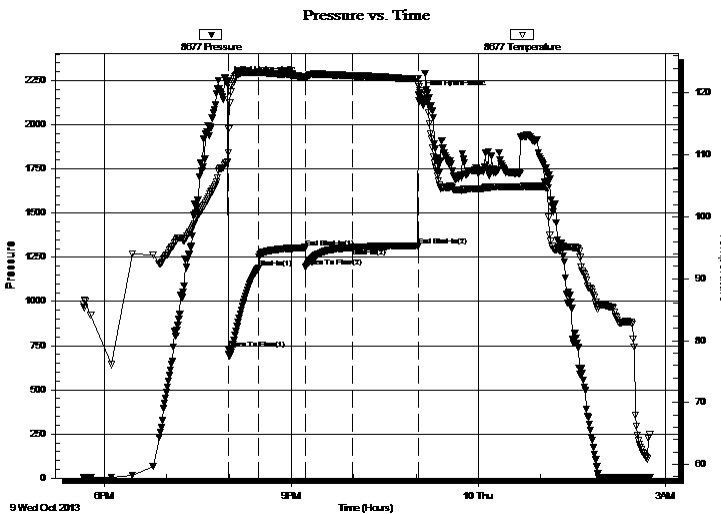
02:45:00

Time On Btm: 2013.10.09 @ 19:58:45

Time Off Btm: 2013.10.09 @ 23:02:30

**TEST COMMENT:** IF: BOB @ 20 sec.  
IS: BOB @ 45 sec. Gas to surface during bleed off.  
FF: BOB @ 45 sec. receded to 5" blow.  
FS: 2" return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2248.89	108.78	Initial Hydro-static
1	728.24	110.31	Open To Flow (1)
30	1187.79	123.25	Shut-In(1)
75	1305.21	122.57	End Shut-In(1)
75	1196.90	122.51	Open To Flow (2)
120	1305.43	122.78	Shut-In(2)
184	1314.51	122.27	End Shut-In(2)
184	2171.12	121.33	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
120.00	gocm 30g 20o 50m	1.68
3660.00	go 35g 65o	51.34

\* Recovery from multiple tests

## Gas Rates

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



# 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 #1-1

Job Ticket: 55514

DST#: 4

ATTN: Terry McLeod

Test Start: 2013.10.09 @ 17:40:00

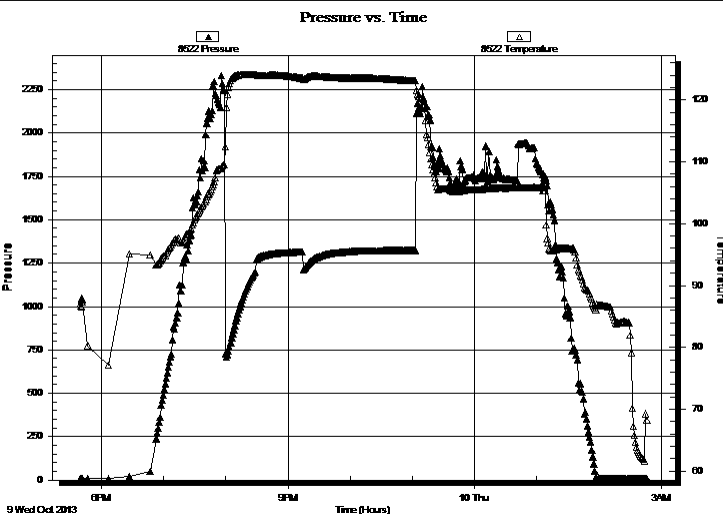
### GENERAL INFORMATION:

Formation: **Marmaton**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 19:59:15  
 Time Test Ended: 02:45:00  
 Interval: **4419.00 ft (KB) To 4445.00 ft (KB) (TVD)**  
 Total Depth: 4445.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Bradley Walter  
 Unit No: 69  
 Reference Elevations: 3106.00 ft (KB)  
 3101.00 ft (CF)  
 KB to GR/CF: 5.00 ft

### Serial #: 8522 Outside

Press @ Run Depth: psig @ 4420.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2013.10.09 End Date: 2013.10.10 Last Calib.: 2013.10.10  
 Start Time: 17:40:05 End Time: 02:46:15 Time On Btm:  
 Time Off Btm:

TEST COMMENT: IF: BOB @ 20 sec.  
 IS: BOB @ 45 sec. Gas to surface during bleed off.  
 FF: BOB @ 45 sec. receded to 5" blow.  
 FS! 2" return.



### PRESSURE SUMMARY

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

### Recovery

Length (ft)	Description	Volume (bbl)
120.00	gocm 30g 20o 50m	1.68
3660.00	go 35g 65o	51.34

### Gas Rates

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

\* Recovery from multiple tests



**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 #1-1**

Job Ticket: 55514

**DST#: 4**

ATTN: Terry McLeod

Test Start: 2013.10.09 @ 17:40:00

## Tool Information

Drill Pipe:	Length: 4414.00 ft	Diameter: 3.80 inches	Volume: 61.92 bbl	Tool Weight: 2500.00 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: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 95000.00 lb
			<u>Total Volume: 61.92 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4419.00 ft			Final 80000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	26.00 ft			
Tool Length:	48.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

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

Change Over Sub	1.00			4398.00	
Shut In Tool	5.00			4403.00	
Hydraulic tool	5.00			4408.00	
Safety Joint	2.00			4410.00	
Packer	5.00			4415.00	22.00 Bottom Of Top Packer
Packer	4.00			4419.00	
Stubb	1.00			4420.00	
Recorder	0.00	8677	Inside	4420.00	
Recorder	0.00	8522	Outside	4420.00	
Perforations	22.00			4442.00	
Bullnose	3.00			4445.00	26.00 Bottom Packers & Anchor

**Total Tool Length: 48.00**



**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 #1-1**

Job Ticket: 55514

**DST#: 4**

ATTN: Terry McLeod

Test Start: 2013.10.09 @ 17:40:00

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.38 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	gocm 30g 20o 50m	1.683
3660.00	go 35g 65o	51.340

Total Length: 3780.00 ft      Total Volume: 53.023 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

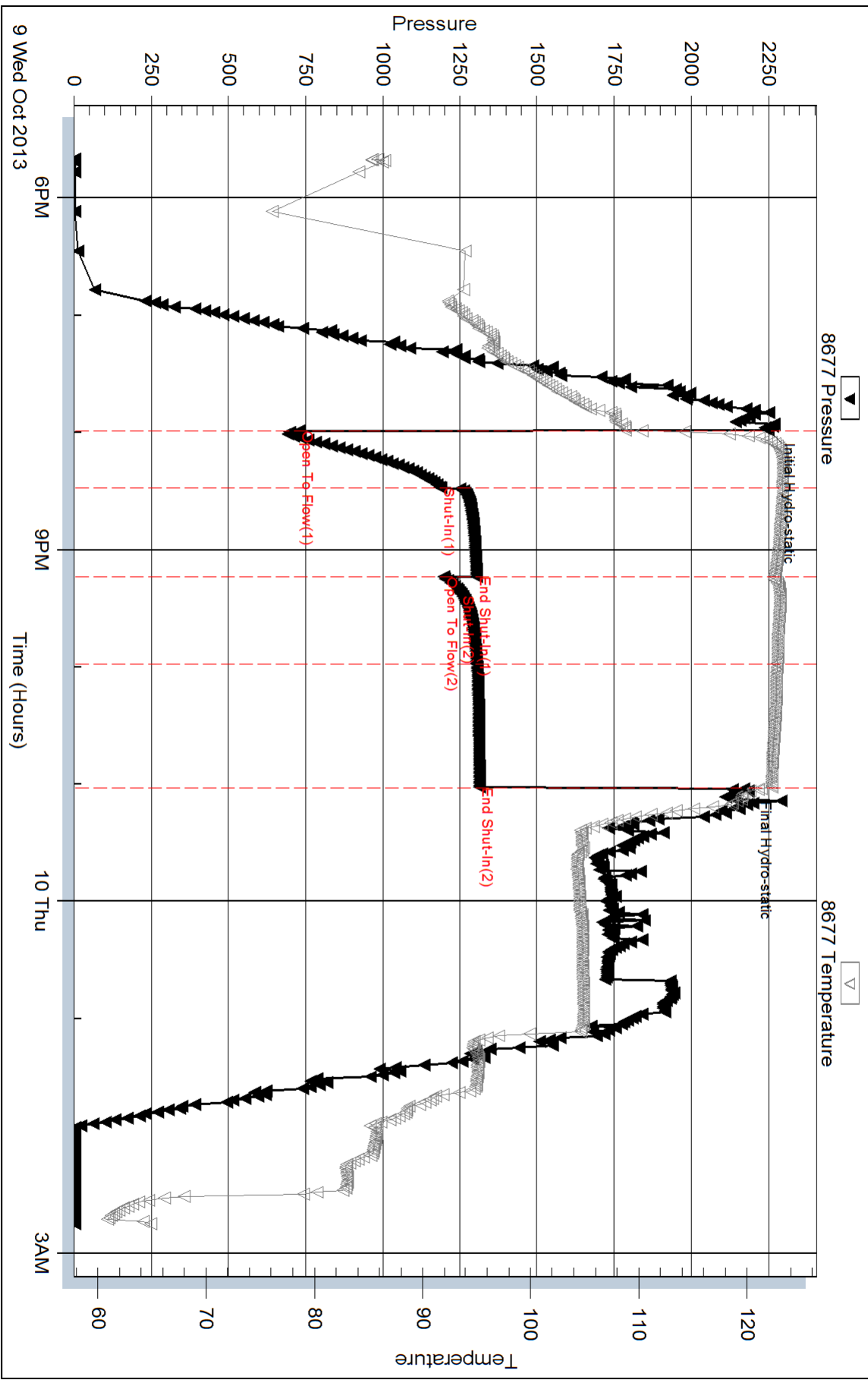
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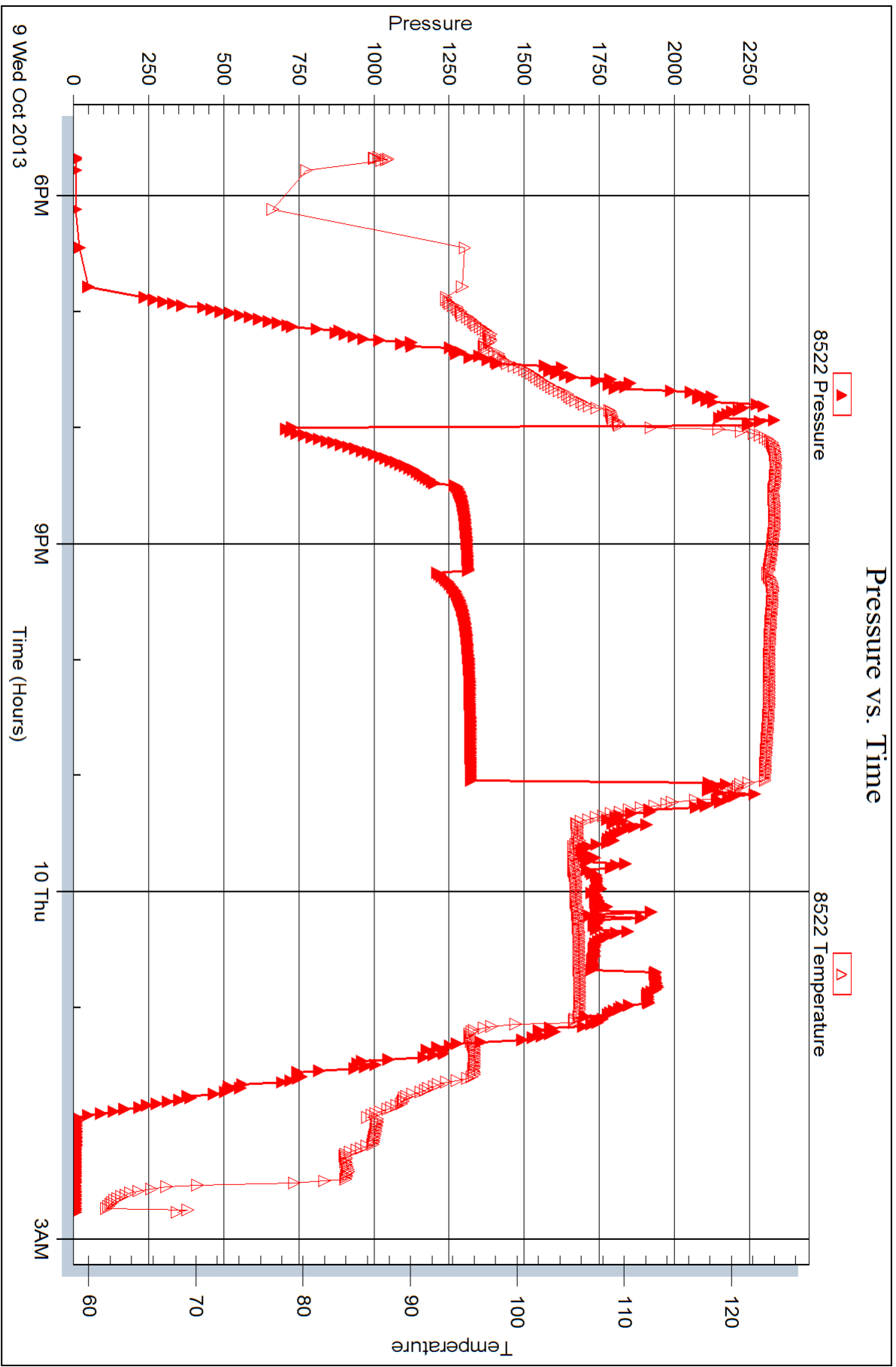
Laboratory Name:

Laboratory Location:

Recovery Comments: GAS to surface @ ISI

# Pressure vs. Time







## DRILL STEM TEST REPORT

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

1616 S Voss Rd STE 600  
Houston, TX 77057

ATTN: Terry McLeod

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

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

Start Date: 2013.10.10 @ 11:40:00

End Date: 2013.10.10 @ 20:42:00

Job Ticket #: 55515                      DST #: 5

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

Printed: 2013.10.14 @ 13:44:06





**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 #1-1**

Job Ticket: 55515

**DST#: 5**

ATTN: Terry McLeod

Test Start: 2013.10.10 @ 11:40:00

## GENERAL INFORMATION:

Formation: **Altamont.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:45:15

Time Test Ended: 20:42:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 69

**Interval: 4449.00 ft (KB) To 4475.00 ft (KB) (TVD)**

Total Depth: 4475.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3106.00 ft (KB)

3101.00 ft (CF)

KB to GR/CF: 5.00 ft

**Serial #: 8677 Inside**

Press @ Run Depth: 691.28 psig @ 4450.00 ft (KB)

Start Date: 2013.10.10

End Date: 2013.10.10

Start Time: 11:40:05

End Time: 20:42:00

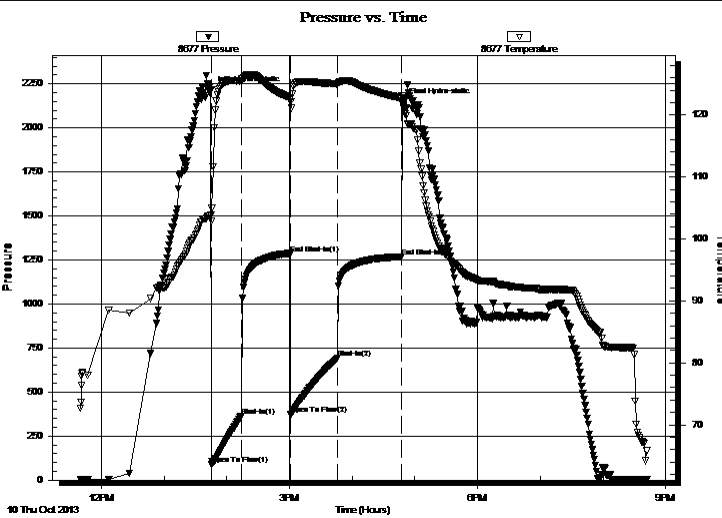
Capacity: 8000.00 psig

Last Calib.: 2013.10.10

Time On Btm: 2013.10.10 @ 13:45:00

Time Off Btm: 2013.10.10 @ 16:48:00

TEST COMMENT: IF: BOB @ 1 min.  
IS: BOB @ 10 min.  
FF: BOB @ 2 min.  
FS: 4" return



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2212.84	103.79	Initial Hydro-static
1	87.05	102.81	Open To Flow (1)
29	364.43	125.46	Shut-In(1)
76	1284.18	122.68	End Shut-In(1)
77	372.83	122.13	Open To Flow (2)
121	691.28	124.99	Shut-In(2)
183	1267.44	122.74	End Shut-In(2)
183	2142.66	123.06	Final Hydro-static

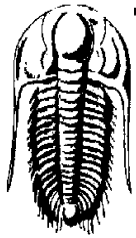
## Recovery

Length (ft)	Description	Volume (bbl)
120.00	gocm 20g 20o 60m	1.68
1750.00	go 30g 70o	24.55

## Gas Rates

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

\* Recovery from multiple tests



**TRILOBITE TESTING, INC.**

**DRILL STEM TEST REPORT**

Landmark Resources, Inc.

1616 S Voss Rd STE 600  
Houston, TX 77057

ATTN: Terry McLeod

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

**Beeson #1-1**

Job Ticket: 55515      **DST#: 5**

Test Start: 2013.10.10 @ 11:40:00

**GENERAL INFORMATION:**

Formation: **Altamont.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:45:15

Time Test Ended: 20:42:00

**Interval: 4449.00 ft (KB) To 4475.00 ft (KB) (TVD)**

Total Depth: 4475.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 69

Reference Elevations: 3106.00 ft (KB)

3101.00 ft (CF)

KB to GR/CF: 5.00 ft

**Serial #: 8522 Outside**

Press @ Run Depth: psig @ 4450.00 ft (KB)

Start Date: 2013.10.10      End Date: 2013.10.10

Start Time: 11:40:05      End Time: 20:41:45

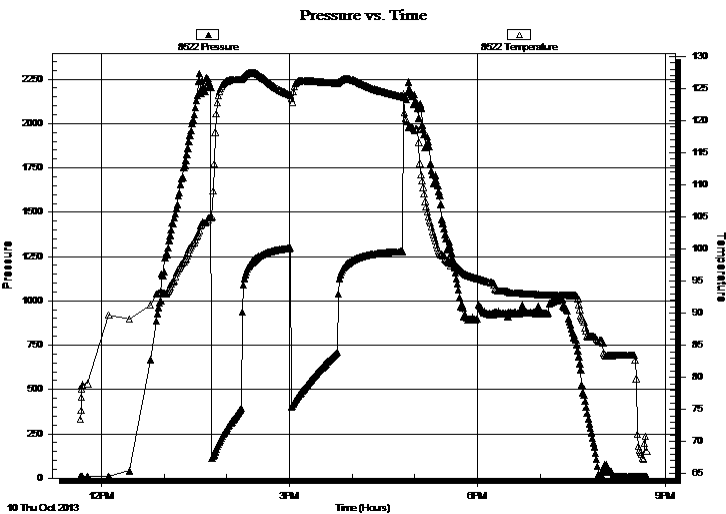
Capacity: 8000.00 psig

Last Calib.: 2013.10.10

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: BOB @ 1 min.  
IS: BOB @ 10 min.  
FF: BOB @ 2 min.  
FS: 4" return



**PRESSURE SUMMARY**

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

**Recovery**

Length (ft)	Description	Volume (bbl)
120.00	gocm 20g 20o 60m	1.68
1750.00	go 30g 70o	24.55

\* 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 #1-1**

Job Ticket: 55515

**DST#: 5**

ATTN: Terry McLeod

Test Start: 2013.10.10 @ 11:40:00

## Tool Information

Drill Pipe:	Length: 4446.00 ft	Diameter: 3.80 inches	Volume: 62.37 bbl	Tool Weight: 2500.00 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: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 62.37 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4449.00 ft			Final 73000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	26.00 ft			
Tool Length:	48.00 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			4428.00	
Shut In Tool	5.00			4433.00	
Hydraulic tool	5.00			4438.00	
Safety Joint	2.00			4440.00	
Packer	5.00			4445.00	22.00 Bottom Of Top Packer
Packer	4.00			4449.00	
Stubb	1.00			4450.00	
Recorder	0.00	8677	Inside	4450.00	
Recorder	0.00	8522	Outside	4450.00	
Perforations	22.00			4472.00	
Bullnose	3.00			4475.00	26.00 Bottom Packers & Anchor

**Total Tool Length: 48.00**



**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 #1-1**

Job Ticket: 55515

**DST#: 5**

ATTN: Terry McLeod

Test Start: 2013.10.10 @ 11:40:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

38 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

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

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6800.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	gocm 20g 20o 60m	1.683
1750.00	go 30g 70o	24.548

Total Length: 1870.00 ft      Total Volume: 26.231 bbl

Num Fluid Samples: 0

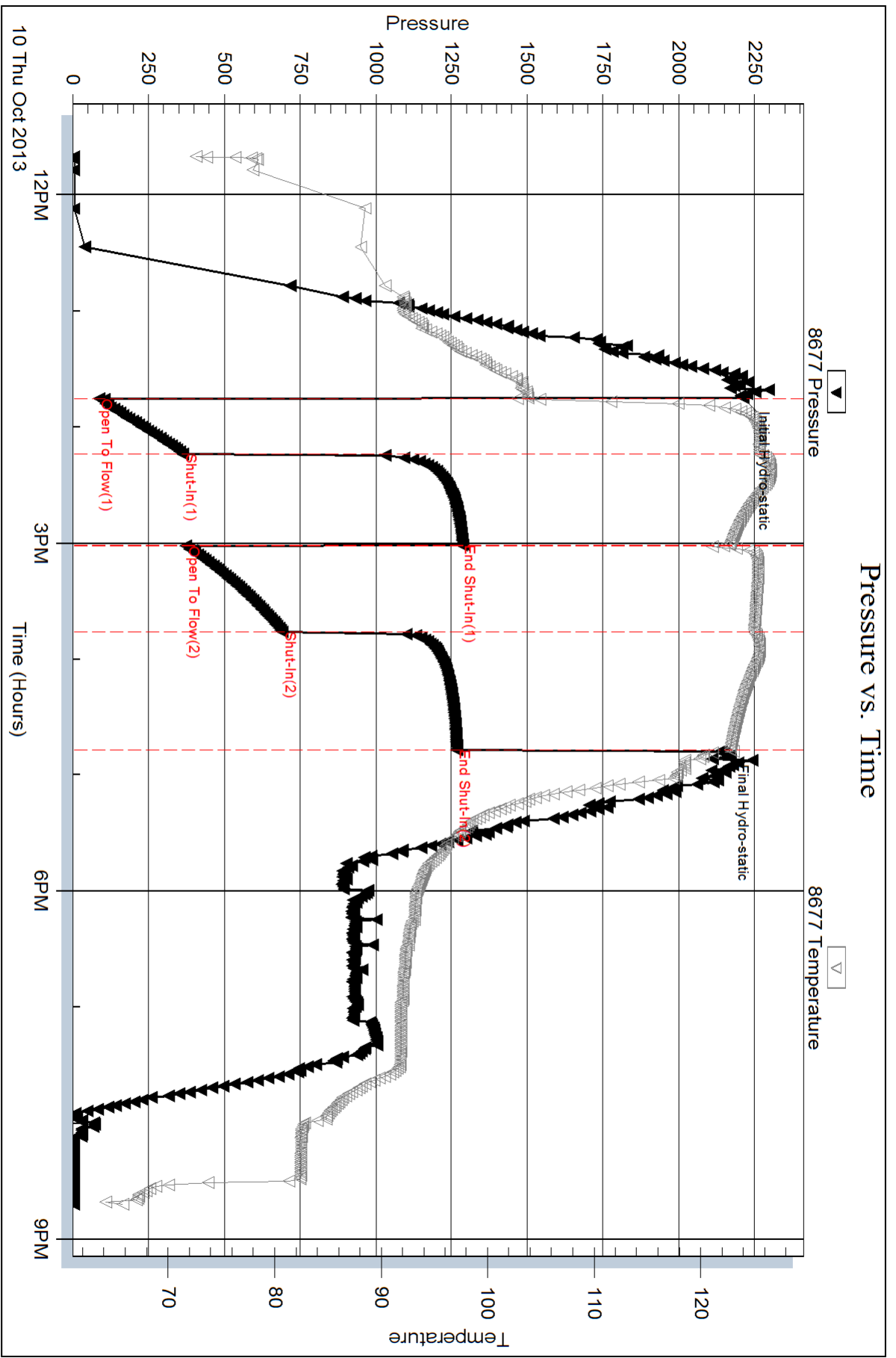
Num Gas Bombs: 0

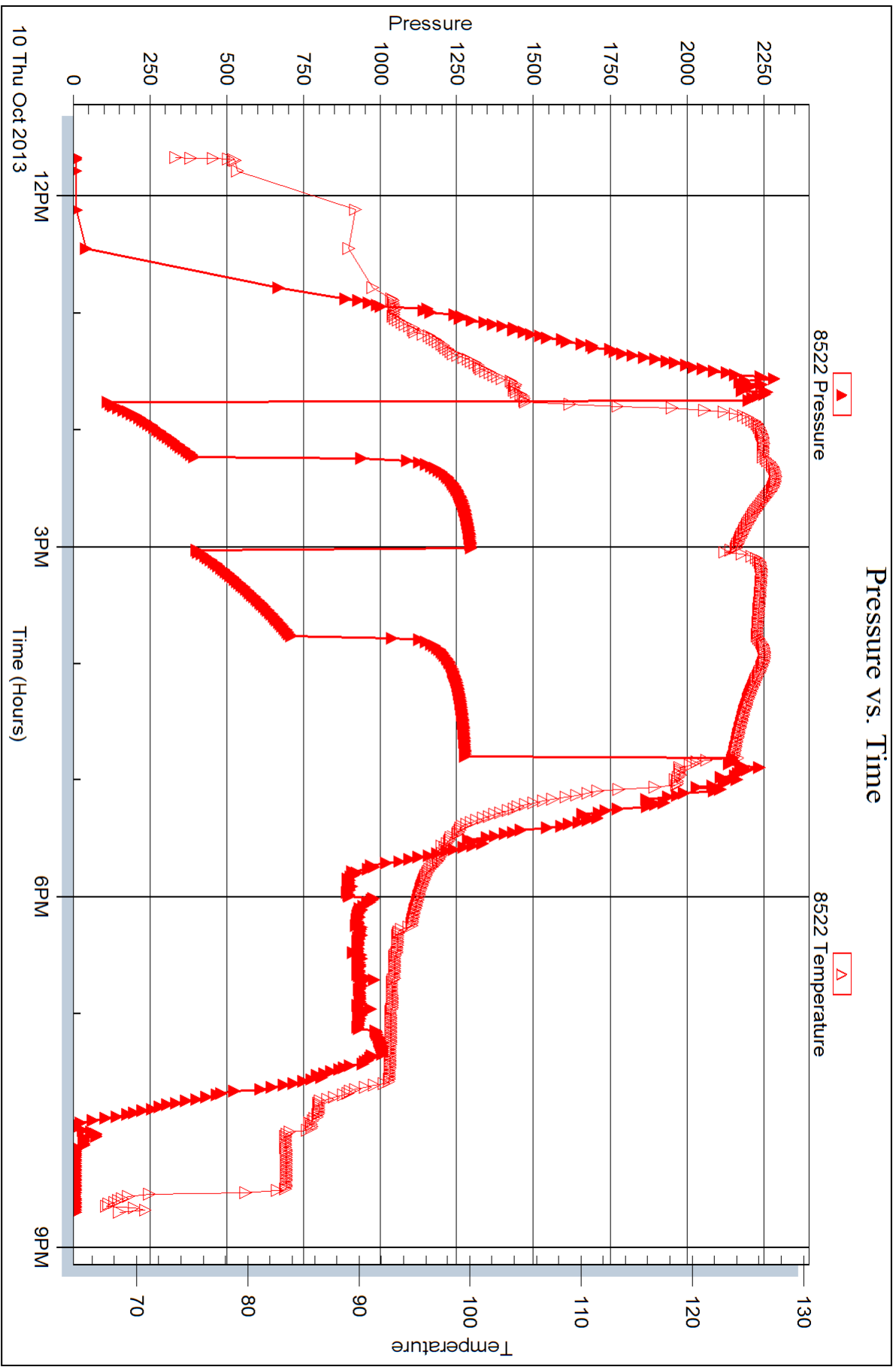
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gas to surface on ISI







## DRILL STEM TEST REPORT

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

1616 S Voss Rd STE 600  
Houston, TX 77057

ATTN: Terry McLeod

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

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

Start Date: 2013.10.12 @ 03:32:00

End Date: 2013.10.12 @ 11:21:15

Job Ticket #: 55516                      DST #: 6

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.10.14 @ 13:43:25



**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 #1-1**

Job Ticket: 55516

**DST#: 6**

ATTN: Terry McLeod

Test Start: 2013.10.12 @ 03:32:00

## GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:59:15

Time Test Ended: 11:21:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 69

**Interval: 4608.00 ft (KB) To 4720.00 ft (KB) (TVD)**

Total Depth: 4720.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3106.00 ft (KB)

3101.00 ft (CF)

KB to GR/CF: 5.00 ft

**Serial #: 8677 Inside**

Press @ Run Depth: 96.62 psig @ 4609.00 ft (KB)

Start Date: 2013.10.12

End Date:

2013.10.12

Start Time: 03:32:05

End Time:

11:21:14

Capacity: 8000.00 psig

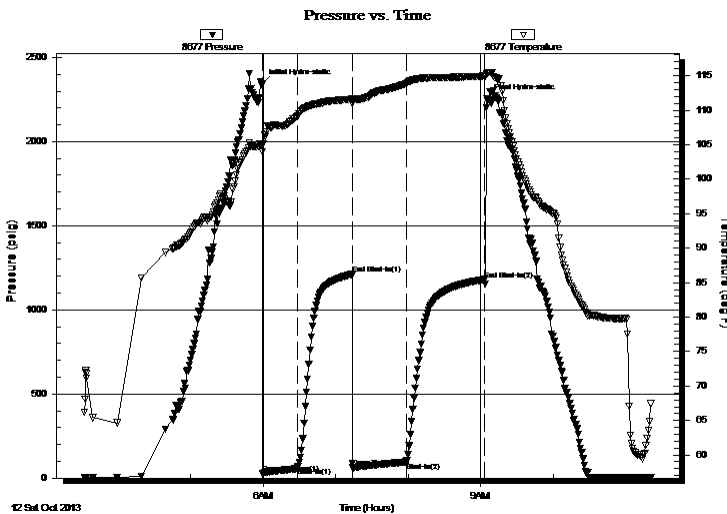
Last Calib.: 2013.10.12

Time On Btm: 2013.10.12 @ 05:59:00

Time Off Btm: 2013.10.12 @ 09:05:15

**TEST COMMENT:** IF: BOB @ 15 min.  
IS: No return.  
FF: BOB @ 11 min.  
FS: 1" return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2343.19	104.89	Initial Hydro-static
1	29.31	103.99	Open To Flow (1)
30	63.25	109.12	Shut-In(1)
75	1210.65	111.59	End Shut-In(1)
75	63.58	111.35	Open To Flow (2)
120	96.62	113.84	Shut-In(2)
184	1180.04	114.93	End Shut-In(2)
187	2257.06	115.35	Final Hydro-static

## Recovery

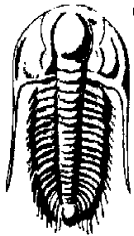
Length (ft)	Description	Volume (bbl)
165.00	gocm 5g 25o 70m	2.31
0.00	315' GIP	0.00

## Gas Rates

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

\* Recovery from multiple tests





**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 #1-1**

Job Ticket: 55516

**DST#: 6**

ATTN: Terry McLeod

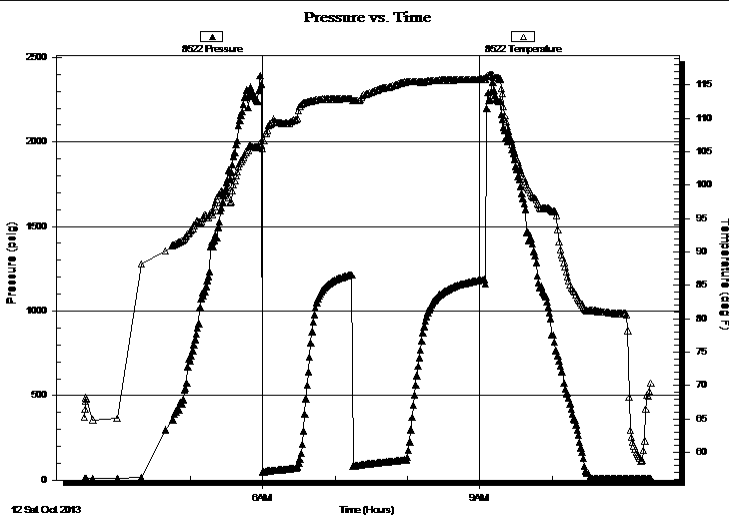
Test Start: 2013.10.12 @ 03:32:00

## GENERAL INFORMATION:

Formation: **Johnson**  
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)  
Time Tool Opened: 05:59:15 Tester: Bradley Walter  
Time Test Ended: 11:21:15 Unit No: 69  
**Interval: 4608.00 ft (KB) To 4720.00 ft (KB) (TVD)** Reference Elevations: 3106.00 ft (KB)  
Total Depth: 4720.00 ft (KB) (TVD) 3101.00 ft (CF)  
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

**Serial #: 8522 Outside**  
Press @ RunDepth: psig @ 4609.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2013.10.12 End Date: 2013.10.12 Last Calib.: 2013.10.12  
Start Time: 03:32:05 End Time: 11:22:29 Time On Btm:  
Time Off Btm:

**TEST COMMENT:** IF: BOB @ 15 min.  
IS: No return.  
FF: BOB @ 11 min.  
FS: 1" return.



## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
165.00	gocm 5g 25o 70m	2.31
0.00	315' GIP	0.00

## Gas Rates

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

\* Recovery from multiple tests



**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 #1-1**

Job Ticket: 55516

**DST#: 6**

ATTN: Terry McLeod

Test Start: 2013.10.12 @ 03:32:00

## Tool Information

Drill Pipe:	Length: 4604.00 ft	Diameter: 3.80 inches	Volume: 64.58 bbl	Tool Weight: 2500.00 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: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 100000.0 lb
			<u>Total Volume: 64.58 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4608.00 ft			Final 70000.00 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

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4587.00	
Shut In Tool	5.00			4592.00	
Hydraulic tool	5.00			4597.00	
Safety Joint	2.00			4599.00	
Packer	5.00			4604.00	22.00 Bottom Of Top Packer
Packer	4.00			4608.00	
Stubb	1.00			4609.00	
Recorder	0.00	8677	Inside	4609.00	
Recorder	0.00	8522	Outside	4609.00	
Perforations	11.00			4620.00	
Change Over Sub	1.00			4621.00	
Drill Pipe	95.00			4716.00	
Change Over Sub	1.00			4717.00	
Bullnose	3.00			4720.00	112.00 Bottom Packers & Anchor

**Total Tool Length: 134.00**



**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 #1-1**

Job Ticket: 55516

**DST#: 6**

ATTN: Terry McLeod

Test Start: 2013.10.12 @ 03:32:00

## 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: 56.00 sec/qt

Cushion Volume:

bbbl

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

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
165.00	gocm 5g 25o 70m	2.315
0.00	315' GIP	0.000

Total Length: 165.00 ft      Total Volume: 2.315 bbl

Num Fluid Samples: 0

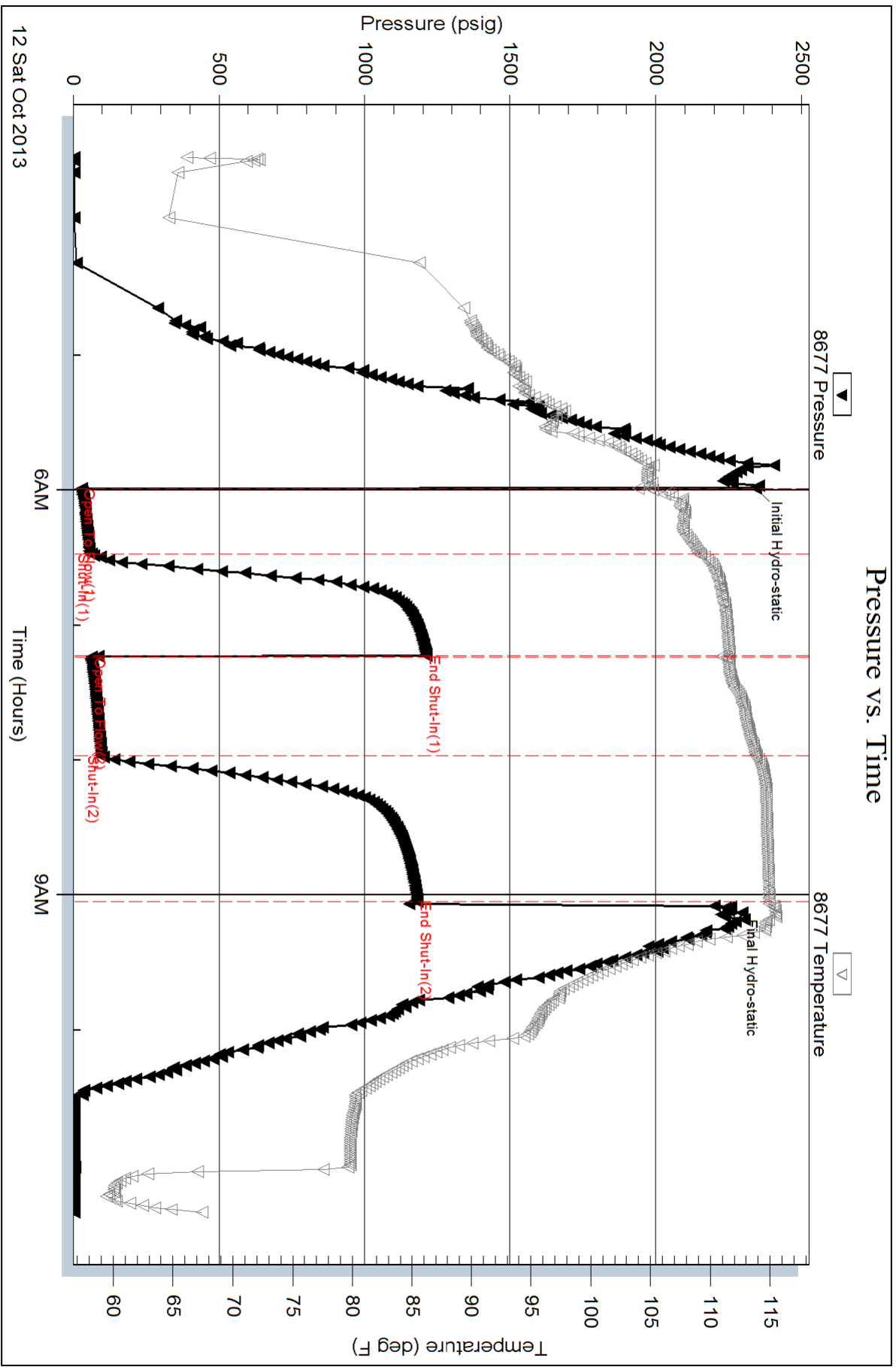
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

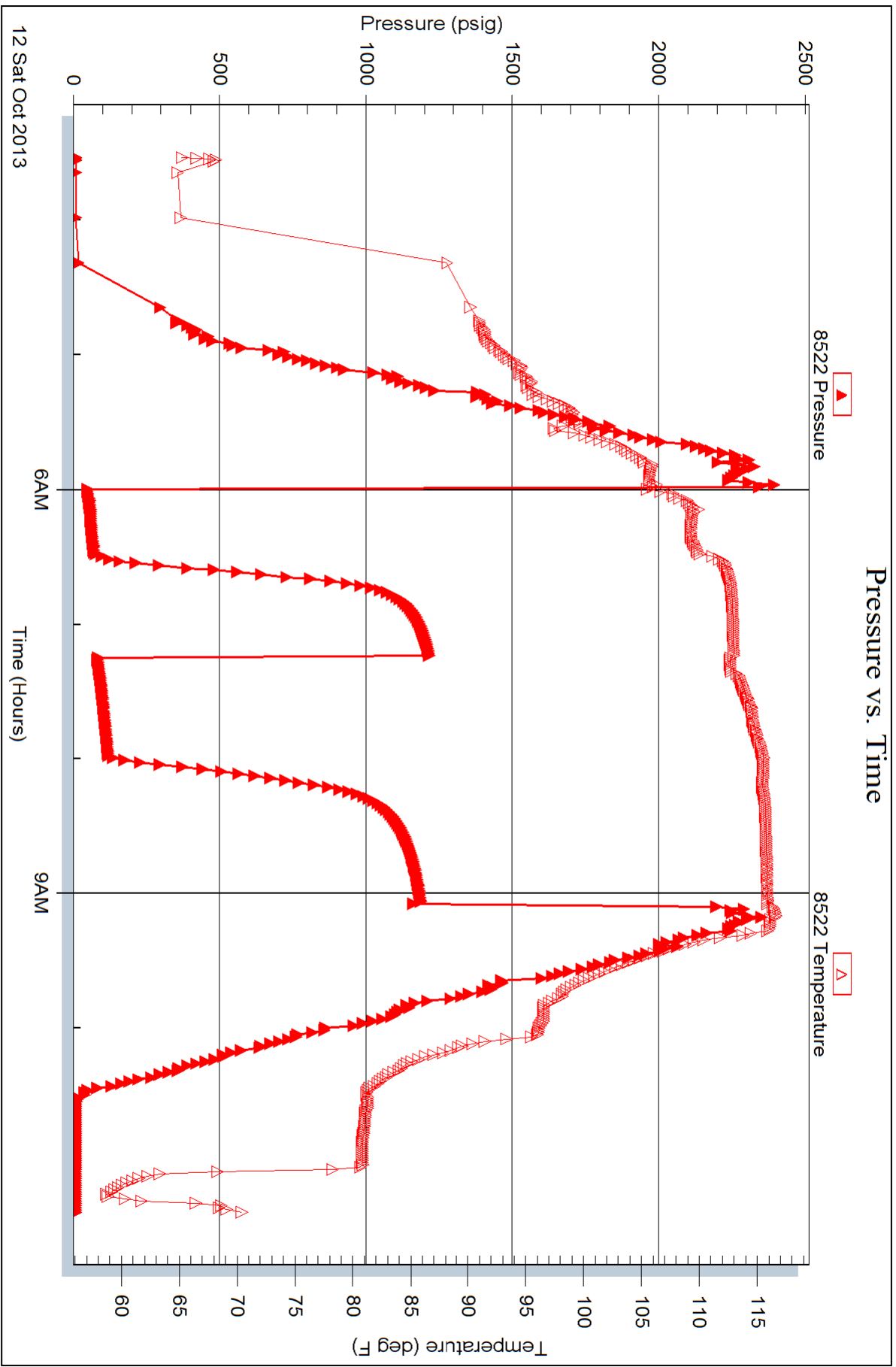


Serial #: 8522

Outside Landmark Resources, Inc.

Beeson #1-1

DST Test Number: 6





# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 55096

Well Name & No. Beeson #1-1 Test No. 1 Date 10-6-13  
 Company Landmark Resources Inc Elevation 3106 KB 3101 GL  
 Address 1616 S Voss Rd STE 600 Houston, TX 77057  
 Co. Rep / Geo. Terry McLeod Rig LD #1  
 Location: Sec. 1 Twp. 17s Rge. 34w Co. Scott State KS

Interval Tested 4002-4030 Zone Tested Lans "A"  
 Anchor Length 28 Drill Pipe Run 3999 Mud Wt. 8.8  
 Top Packer Depth 3997 Drill Collars Run - Vis 54  
 Bottom Packer Depth 4002 Wt. Pipe Run - WL 8.8  
 Total Depth 4030 Chlorides 4000 ppm System LCM 1

Blow Description IF: Blow built to BOB (11") in 8 min.  
ISI: No blowback  
FF: Blow built to BOB in 9 1/4 min.  
FSI: No blowback

Rec	Feet of	%gas	%oil	%water	%mud
<u>30</u>	<u>MCW w/trace of oil</u>	<u>-</u>	<u>trace</u>	<u>72</u>	<u>28</u>
<u>125</u>	<u>SMCW w/trace of oil</u>	<u>-</u>	<u>trace</u>	<u>93</u>	<u>7</u>
<u>640</u>	<u>Water w/trace of oil</u>	<u>-</u>	<u>trace</u>	<u>98</u>	<u>2</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 795 BHT 115 Gravity - API RW 163 @ 44.5 °F Chlorides 76,000 ppm

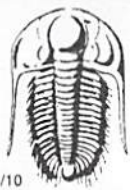
(A) Initial Hydrostatic 1965  Test \* 1250 T-On Location 18:00 <sup>10/6</sup>  
 (B) First Initial Flow 26  Jars \_\_\_\_\_ T-Started 19:02  
 (C) First Final Flow 192  Safety Joint \* 75 T-Open 21:11  
 (D) Initial Shut-In 1073  Circ Sub \*NA T-Pulled 00:13  
 (E) Second Initial Flow 193  Hourly Standby \_\_\_\_\_ T-Out 2:15 <sup>10/7</sup>  
 (F) Second Final Flow 389  Mileage 34RT 52.7 Comments 105 mi OW from  
 (G) Final Shut-In 1058  Sampler \_\_\_\_\_ Oberlin / Stay at Scott Shop  
 (H) Final Hydrostatic 1930  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_ Sub Total 0  
 Day Standby \_\_\_\_\_ Total 1377.70  
 Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_

Initial Open 30  
 Initial Shut-In 45  
 Final Flow 45  
 Final Shut-In 60  
 Sub Total 1377.70

Approved By Terry L. McLeod Our Representative James Winkler

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.

*Terry L.*



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 55097

Well Name & No. Beeson #1-1 Test No. 2 Date 10-7-13  
 Company Landmark Resources Inc. Elevation 3106 KB 3101 GL  
 Address 1616 S. Voss Rd STE 600 Houston TX 77057  
 Co. Rep / Geo. Terry McLeod Rig LD #1  
 Location: Sec. 1 Twp. 17s Rge. 34w Co. Scott State KS

Interval Tested 4041-4060 Zone Tested Lans. "C"  
 Anchor Length 19 Drill Pipe Run 4030 Mud Wt. 9.1  
 Top Packer Depth 4036 Drill Collars Run - Vis 54  
 Bottom Packer Depth 4041 Wt. Pipe Run - WL 10.4  
 Total Depth 406 Chlorides 5400 ppm System LCM 1

Blow Description IF: Blow built to BOB (11") in 17 3/4 min.  
ISI: No blowback  
FF: Blow built to BOB in 18 1/4 min.  
FSI: No blowback

Rec	Feet of	%gas	%oil	%water	%mud
<u>5'</u>	<u>mcw w/os</u>	<u>-</u>	<u>2</u>	<u>74</u>	<u>24</u>
<u>63</u>	<u>mcw w/Trace of oil</u>	<u>%gas trace</u>	<u>%oil</u>	<u>66</u>	<u>34</u>
<u>372</u>	<u>Water w/trace of oil</u>	<u>%gas trace</u>	<u>%oil</u>	<u>94</u>	<u>6</u>
<u>10</u>	<u>WM w/trace of oil</u>	<u>%gas trace</u>	<u>%oil</u>	<u>47</u>	<u>53</u>
	<u>A Few inches of Free Oil on top</u>	<u>%gas</u>	<u>%oil</u>	<u>%water</u>	<u>%mud</u>

Rec Total 450 BHT 115 Gravity - API RW 157 @ 86.8 °F Chlorides 38,000 ppm

(A) Initial Hydrostatic 1999  Test ★ 1250 T-On Location 8:40  
 (B) First Initial Flow 21  Jars # T-Started 7:30  
 (C) First Final Flow 101  Safety Joint ★ 75 T-Open 11:14  
 (D) Initial Shut-In 1094  Circ Sub ★ NA T-Pulled 14:14  
 (E) Second Initial Flow 102  Hourly Standby \_\_\_\_\_ T-Out 16:10  
 (F) Second Final Flow 221  Mileage 34RT 52.70 Comments Stayed at Scott Shop  
 (G) Final Shut-In 1092  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1941  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_

Initial Open 30  Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Initial Shut-In 45  Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Final Flow 45  Extra Recorder \_\_\_\_\_ Sub Total 0  
 Final Shut-In 60  Day Standby \_\_\_\_\_ Total 1377.70  
 Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Sub Total 1377.70

Approved By Jay K. McLeod Our Representative James Winder

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. 55098

Well Name & No. Beeson #1-1 Test No. 3 Date 10-8-13  
 Company Landmark Resources Inc Elevation 3106 KB 3101 GL  
 Address 1616 S Voss Rd STE 600 Houston TX 77057  
 Co. Rep / Geo. Terry McLeod Rig LD #1  
 Location: Sec. 1 Twp. 17s Rge. 34w Co. Scott State KS

Interval Tested 4205-4255 Zone Tested LKC "H-I"  
 Anchor Length 50 Drill Pipe Run 4190 Mud Wt. 9.3  
 Top Packer Depth 4200 Drill Collars Run - Vis 55  
 Bottom Packer Depth 4205 Wt. Pipe Run - WL 9.6  
 Total Depth 4255 Chlorides 6000 ppm System LCM 1  
 Blow Description IF: Blow built to BOB (11") in 3 1/4 min  
ISI: No blowback  
FF: Blow built to BOB in 4 1/4 min.  
FSI:

Rec	Feet of	%gas	%oil	%water	%mud
<u>95</u>	<u>mcw w/trace of oil</u>	<u>trace</u>	<u>81</u>	<u>19</u>	
<u>1585</u>	<u>Water w/trace of oil</u>	<u>trace</u>	<u>97</u>	<u>3</u>	
	<u>Very low level H<sub>2</sub>S</u>				

Rec Total 1680 BHT 117 Gravity - API RW 205 @ 64.4° F Chlorides 39,000 ppm

(A) Initial Hydrostatic 2131  Test 1250 T-On Location 12:15  
 (B) First Initial Flow 47  Jars T-Started 15:00  
 (C) First Final Flow 406  Safety Joint 75 T-Open 17:02  
 (D) Initial Shut-In 1177  Circ Sub ANA T-Pulled 20:03  
 (E) Second Initial Flow 413  Hourly Standby 1hr T-Out ~~20:03~~ 22:20  
 (F) Second Final Flow 765  Mileage 34RT 52.70 Comments Rig had to short  
 (G) Final Shut-In 1174  Sampler me know  
 (H) Final Hydrostatic 2072  Straddle me know  
 Ruined Shale Packer  
 Ruined Packer  
 Extra Copies

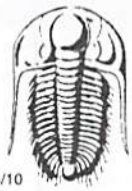
Initial Open 30  Extra Packer  
 Initial Shut-In 45  Extra Recorder  
 Final Flow 45  Day Standby  
 Final Shut-In 60  Accessibility

Sub Total 1377.70 Total 1377.70 MP/DST Disc't

Approved By Terry McLeod Our Representative James Winder

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# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 55514

Well Name & No. Beeson # 1-1 Test No. 4 Date 10/10/13  
 Company Landmark Resources, Inc Elevation 3106 KB 3101 GL  
 Address 1616 S Voss Rd STE 600 Houston, Tx 77057  
 Co. Rep / Geo. Terry McLeod Rig LD  
 Location: Sec. 1/175 Twp. 175 Rge. 34W Co. Scott State Ks

Interval Tested 4419-4445 Zone Tested Marmaton  
 Anchor Length 26' Drill Pipe Run 4414 Mud Wt. 9.1  
 Top Packer Depth 4414 Drill Collars Run 0 Vis 50  
 Bottom Packer Depth 4419 Wt. Pipe Run 0 WL 10.4  
 Total Depth 4445 Chlorides 7000 ppm System LCM 1#

Blow Description IFI: BOB @ 20 sec  
ISI: BOB @ 1 min - Gas to Surface @ bleedoff  
FFI: BOB @ 45 sec receded to 5"  
FSI: 2" return.

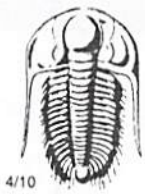
Rec	Feet of	%gas	%oil	%water	%mud
<u>3660</u>	<u>60</u>	<u>35%</u>	<u>65%</u>		
<u>120</u>	<u>GOCM</u>	<u>30%</u>	<u>20%</u>		<u>30%</u>
		%gas	%oil	%water	%mud
	<u>Gas to surface</u>	%gas	%oil	%water	%mud
		%gas	%oil	%water	%mud

Rec Total 3780 BHT 122 Gravity 36 API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 2249  Test 1250 T-On Location 1700  
 (B) First Initial Flow 728  Jars \_\_\_\_\_ T-Started 1740  
 (C) First Final Flow 1188  Safety Joint 75 T-Open 1959  
 (D) Initial Shut-In 1305  Circ Sub dropped 50 T-Pulled 2259  
 (E) Second Initial Flow 1197  Hourly Standby \_\_\_\_\_ T-Out 0246  
 (F) Second Final Flow 1305  Mileage 35 RT 52.70 Comments Dropped bar  
 (G) Final Shut-In 1315  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2171  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Initial Open 30  Extra Recorder \_\_\_\_\_ Sub Total 0  
 Initial Shut-In 45  Day Standby \_\_\_\_\_ Total 1427.70  
 Final Flow 45  Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Final Shut-In 60  Sub Total 1427.70

Approved By Terry McLeod Our Representative [Signature]

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# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 55515

Well Name & No. Beeson #1-1 Test No. 5 Date 10/10/13  
 Company Landmark Resources, Inc Elevation 3106 KB 3101 GL  
 Address 1616 S Voss Rd STE 600 Houston, Tx 77057  
 Co. Rep / Geo. Terry McLeod Rig LD  
 Location: Sec. 1 Twp. 17S Rge. 34W Co. Scott State Ks

Interval Tested 4449 - 4475 Zone Tested Altamont  
 Anchor Length 26' Drill Pipe Run 4446 Mud Wt. 9.2  
 Top Packer Depth 4444 Drill Collars Run 0 Vis 56  
 Bottom Packer Depth 4449 Wt. Pipe Run 0 WL 9.6  
 Total Depth 4475 Chlorides 6900 ppm System LCM 1#

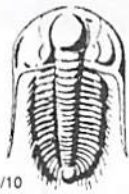
Blow Description IF: BOB @ 1 min.  
ISJ: BOB @ 10 min Gas to surface  
FF: BOB @ 2 min  
FSI: 4" return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>1750</u>	<u>60</u>	<u>30</u>	<u>70</u>		
<u>120</u>	<u>60 CM</u>	<u>20</u>	<u>20</u>		<u>60</u>
	<u>Gas to surface TST</u>				
Rec Total	<u>1870</u>	BHT <u>123</u>	Gravity <u>38</u>	API RW <u>-</u>	@ <u>-</u> ° F Chlorides <u>-</u> ppm

(A) Initial Hydrostatic 2213  Test 1250 T-On Location 1115  
 (B) First Initial Flow 87  Jars \_\_\_\_\_ T-Started 1140  
 (C) First Final Flow 364  Safety Joint 75 T-Open 1346  
 (D) Initial Shut-In 1284  Circ Sub used 50 T-Pulled 1646  
 (E) Second Initial Flow 373  Hourly Standby \_\_\_\_\_ T-Out 2042  
 (F) Second Final Flow 691  Mileage 35 RT 52.70 Comments Dropped Bar  
 (G) Final Shut-In 1267  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2143  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Initial Open 30  Extra Recorder \_\_\_\_\_ Sub Total 0  
 Initial Shut-In 45  Day Standby \_\_\_\_\_ Total 1427.70  
 Final Flow 45  Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Final Shut-In 60  Sub Total 1427.70

Approved By Terry D. McLeod Our Representative [Signature]

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# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. **55516**

Well Name & No. Beeson #1-1 Test No. 6 Date 10/12/13  
 Company Landmark Resources, LLC Elevation 3106 KB 3101 GL  
 Address 1616 S Voss Rd STE 600 Houston, Tx 77057  
 Co. Rep / Geo. Terry McLead Rig LD  
 Location: Sec. 1 Twp. 17s Rge. 34w Co. Scott State Ks

Interval Tested 4608-4720 Zone Tested Johnson  
 Anchor Length 112 Drill Pipe Run 4604 Mud Wt. 9.2  
 Top Packer Depth 4603 Drill Collars Run 0 Vis 56  
 Bottom Packer Depth 4608 Wt. Pipe Run 0 WL 9.4  
 Total Depth 4720 Chlorides 7,000 ppm System LCM 1#

Blow Description TFI BOB @ 15 min.  
ISI: No return.  
PF: DOB @ 11 min.  
FSI: 1" return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>165</u>	<u>60 CM</u>	<u>5</u>	<u>25</u>	<u>70</u>	
Rec	Feet of <u>315' GIP</u>	%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 165 BHT 115 Gravity - API RW - @ - F Chlorides - ppm

(A) Initial Hydrostatic <u>2343</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>0315</u>
(B) First Initial Flow <u>29</u>	<input type="checkbox"/> Jars	T-Started <u>0332</u>
(C) First Final Flow <u>63</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>0559</u>
(D) Initial Shut-In <u>1211</u>	<input checked="" type="checkbox"/> Circ Sub <u>NE</u>	T-Pulled <u>0859</u>
(E) Second Initial Flow <u>84</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>1123</u>
(F) Second Final Flow <u>97</u>	<input checked="" type="checkbox"/> Mileage <u>25 RT</u> <u>105.40</u>	Comments <u>loaded tools 10/12 20:00</u>
(G) Final Shut-In <u>1180</u>	<input type="checkbox"/> Sampler	<input type="checkbox"/> Ruined Shale Packer
(H) Final Hydrostatic <u>2257</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Packer
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer	Sub Total <u>216.67</u>
Final Flow <u>45</u>	<input type="checkbox"/> Extra Recorder	Total <u>1647.07</u>
Final Shut-In <u>60</u>	<input checked="" type="checkbox"/> Day Standby <u>1d 6.5h</u>	MP/DST Disc
	<input type="checkbox"/> Accessibility	
	Sub Total <u>1430.40</u>	

Approved By Terry McLead Our Representative [Signature]

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# ALLIED

OIL & GAS SERVICES, LLC

PO Box 93999  
Southlake, TX 76092

Voice: (817) 546-7282  
Fax: (817) 246-3361

# INVOICE

Invoice Number: 139250  
Invoice Date: Oct 13, 2013  
Page: 1

*Handwritten:*  
NOV 05 2013  
# 44571  
3550

<b>Bill To:</b>
Landmark Resources, Inc. 1616 S. Voss Suite 600 Houston, TX 77057-1264

*Handwritten:* 49,889

*Handwritten:* 02

APPROVED OCT 30 2013

Now Includes:



Customer ID	Field Ticket #	Payment Terms	
Land	61125	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Oct 13, 2013	11/12/13

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Beeson #1-1		
150.00	CEMENT MATERIALS	ASC	20.90	3,135.00
450.00	CEMENT MATERIALS	Light Weight	15.95	7,177.50
112.00	CEMENT MATERIALS	Flo Seal	2.97	332.64
900.00	CEMENT MATERIALS	Gilsonite	0.98	882.00
35.00	CEMENT MATERIALS	FL-160	18.90	661.50
21.00	CEMENT MATERIALS	Defoamer	9.80	205.80
12.00	CEMENT MATERIALS	Super Flush	58.70	704.40
626.90	CEMENT SERVICE	Cubic Feet	2.48	1,554.71
1,056.00	CEMENT SERVICE	Ton Mileage	2.60	2,745.60
1.00	CEMENT SERVICE	Production -- Bottom State	2,765.75	2,765.75
1.00	CEMENT SERVICE	Production -- Top Stage	2,406.25	2,406.25
40.00	CEMENT SERVICE	Pump Truck Mileage	7.70	308.00
1.00	CEMENT SERVICE	Manifold Head Rental	275.00	275.00
40.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	176.00
1.00	EQUIPMENT SALES	5-1/2 AFU Float Shoe	339.30	339.30
1.00	EQUIPMENT SALES	5-1/2 Latch Down with Plug -- No Charge		
1.00	EQUIPMENT SALES	5-1/2 D V Tool	2,597.50	2,597.50
2.00	EQUIPMENT SALES	5-1/2 Basket	159.40	318.80
13.00	EQUIPMENT SALES	5-1/2 Centralizer	28.40	369.20
2.00	EQUIPMENT SALES	5-1/2 Lock Ring	49.14	98.28

Subtotal	Continued
Sales Tax	Continued
Total Invoice Amount	Continued
Payment/Credit Applied	
<b>TOTAL</b>	<b>Continued</b>

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$ 6,532.44

ONLY IF PAID ON OR BEFORE

Nov 7, 2013

PO Box 93999  
Southlake, TX 76092

Voice: (817) 546-7282  
Fax: (817) 246-3361

# INVOICE

Invoice Number: 139250  
Invoice Date: Oct 13, 2013  
Page: 2

**Bill To:**

Landmark Resources, Inc.  
1616 S. Voss  
Suite 600  
Houston, TX 77057-1264

Now Includes:



Customer ID	Field Ticket #	Payment Terms	
Land	61125	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Oct 13, 2013	11/12/13

Quantity	Item	Description	Unit Price	Amount
1.00	CEMENT SUPERVISOR	Kelly Gabel		
1.00	EQUIPMENT OPERATOR	Wayne Mc Ghghy		
1.00	OPERATOR ASSISTANT	Michael McKampson		
1.00	OPERATOR ASSISTANT	Brandon Wilkinson		

ALL PRICES ARE NET, PAYABLE  
30 DAYS FOLLOWING DATE OF  
INVOICE. 1 1/2% CHARGED  
THEREAFTER. IF ACCOUNT IS  
CURRENT, TAKE DISCOUNT OF

\$ 6,532.44

ONLY IF PAID ON OR BEFORE

Nov 7, 2013

Subtotal		27,053.23
Sales Tax		1,370.99
Total Invoice Amount	0 * *	28,424.22
Payment/Credit Applied		
<b>TOTAL</b>	6,532.44 - 28,424.22 +	<b>28,424.22</b>

000

21,891.78 \*

# ALLIED OIL & GAS SERVICES, LLC 061125

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999  
SOUTHLAKE, TEXAS 76092

SERVICE POINT:  
Oakley, KS  
10-13 10-13

DATE <u>10-13-13</u>	SEC. <u>1</u>	TWP. <u>17</u>	RANGE <u>34</u>	CALLED OUT	ON LOCATION <u>3:00 PM</u>	JOB START <u>3:00 AM</u>	JOB FINISH <u>4:00 AM</u>	
LEASE <u>Beeson</u> WELL # <u>L-1</u>			LOCATION <u>Scott City N to Highway 4 w to Falcon Rd. 1.254510</u>					COUNTY <u>Scott</u> STATE <u>KS</u>
OLD OR <u>NEW</u> (Circle one)								

CONTRACTOR LO  
TYPE OF JOB Prod DV  
HOLE SIZE 7 7/8 TD. 4830  
CASING SIZE 5 1/2 DEPTH 4830  
TUBING SIZE DEPTH  
DRILL PIPE DEPTH  
TOOL DV DEPTH 2427  
PRES. MAX MINIMUM  
MEAS. LINE SHOE JOINT 42.10'  
CEMENT LEFT IN CSG. 42.10'  
PERFS.  
DISPLACEMENT 114

OWNER Same  
CEMENT  
AMOUNT ORDERED 150 ASC L# Gilsonite  
10% salt 2% gel 3/8" 1/2" FL 160, 14" 2" 1/2"  
450 SKS lite 1/4" Flr seal  
COMMON \_\_\_\_\_ @ \_\_\_\_\_  
POZMIX \_\_\_\_\_ @ \_\_\_\_\_  
GEL \_\_\_\_\_ @ \_\_\_\_\_  
CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_  
ASC 150 SKS @ 20.80 3135.00  
lite 450 SKS @ 15.95 7177.50  
Flr seal 112 # @ 2.97 332.64  
Gilsonite 10 # @ .98 9.80  
FL-160 35 # @ 18.80 661.50  
Debarmer 21 # @ 9.80 205.80  
super flush 12 bbl @ 57.70 704.40  
HANDLING 626.9 cu ft @ 2.48 1554.71  
MILEAGE 26.4 ton x 40 x 2.60 2745.60  
TOTAL 17,399.15

EQUIPMENT  
PUMP TRUCK CEMENTER Kelly  
# 423 HELPER Wayne  
BULK TRUCK  
# 396 & 306 DRIVER Mike  
BULK TRUCK  
# 818 & 287 DRIVER Brandon

**REMARKS:**

Safety meeting rigged up  
pumped mud flush with cement  
pumped plug with float  
plug landed @ 1500' stopped DV  
2 bbl, opened tools circulated  
4 hrs, mixed 325 SKS RTH mixed base  
drum center, displaced plug 11' & set  
plug landed @ 1600'  
Cement did circulate  
APPROX 50 SKS TO PIT

**SERVICE**

DEPTH OF JOB \_\_\_\_\_ 4830'  
PUMP TRUCK CHARGE 2765.25 2416.25  
EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_  
MILEAGE Mi HV 50 40 @ 7.20 308.00  
MANIFOLD Head @ \_\_\_\_\_ 275.00  
Mi LV 50 40 @ 4.40 176.00

CHARGE TO: Landmark Resources  
STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

TOTAL 5931.00

As per bid

**5 1/2 PLUG & FLOAT EQUIPMENT**

(w) AFU float shoe @ 339.30 339.30  
(r) latchman/w/ plug @ \_\_\_\_\_ NC  
(r) DV Tool @ 2597.50 2597.50  
(w) Basket 2 @ 159.40 318.80  
(w) Centralizer 13 @ 28.40 369.20  
5 1/2 lock ring - 2 @ 49.40 98.80  
TOTAL 3723.60

To: Allied Oil & Gas Services, LLC.  
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any) \_\_\_\_\_  
TOTAL CHARGES 27,053.23  
DISCOUNT 6,532.44 IF PAID IN 30 DAYS  
20,520.78 Net.

PRINTED NAME W. Walker  
SIGNATURE [Signature]

BID SHEET



Date	10/13/13
Service Point:	Oakley
Manager	Terry Heinrich
Address	P.O. Box 27
	Oakley, KS 67748
Business Phone	785-672-3452
E-mail	terry.heinrich@allied.com
Mobile	785-673-9376

Company			Well Data			
Landmark Resources	Prepared For:	Heather Bain	Open Hole	7 7/8	Depth	5000
1616 Voss Rd., Ste. 150	Title:	Controller			I.D.	7.875
Houston TX. 77057	Business Phone:	713-243-8550			Job Excess	25
Rose, Beason, Decker	E-mail:	heather@landmarkresources.com	Casing Size	6 1/2	Depth	5000
# 1-3, # 1-1, # 3-9	Fax No.:	713-243-8551			O.D.	5.5
	Prepared By:	Neal Rupp			I.D.	4.892
Scott	Title:	Sales & Field Operations Manag			Casing Weight	17
Kansas	Business Phone:	316-260-3368			Thread	STC
9	E-mail:	nealrupp@alliedservices.com			Grade	K-55
175	Mobile Phone:	316-250-7057				
34W	Rig Contractor	Unknown				
	Rig Name					
5-1/2" 2-Stage	Rig Phone					

	Units	UOM	Cost per		Unit	
			Unit	Total	Net	Net
CI50 - Casing Pump Charge 4001' to 5000'	1.00	(for 6 hours)	\$2,765.75	\$ 2,765.75	\$ 1,991.34	\$1,991.34
APTA1 - Additional Pump Time, in excess of set ho	1.00	(for 6 hours)	\$2,406.25	\$ 2,406.25	\$ 1,732.50	\$1,732.50
	0.00		\$0.00	\$ -	\$ -	\$0.00
	0.00		\$0.00	\$ -	\$ -	\$0.00
	0.00		\$0.00	\$ -	\$ -	\$0.00
Subtotal				\$ 5,172.00		\$3,723.84
Float Shoe	1.00	Each	\$339.30	\$ 339.30	\$ 339.30	\$339.30
Stage Collar	1.00	Each (R	\$2,597.50	\$ 2,597.50	\$ 2,597.50	\$2,597.50
Centralizer	12.00	Each	\$28.40	\$ 340.80	\$ 28.40	\$340.80
Cement Basket	3.00	Each	\$159.40	\$ 478.20	\$ 159.40	\$478.20
	0.00		\$0.00	\$ -	\$ -	\$0.00
	0.00		\$0.00	\$ -	\$ -	\$0.00
Subtotal				\$ 3,755.80		\$3,755.80
ASCA - ALLIED SPECIAL BLEND CMT.-CLASS A	175.00	per sack	\$20.90	\$ 3,657.50	\$ 15.05	\$2,633.40
ALC2A - ALLIED LT. WT. CMT.-TYPE 2-CLASS A	450.00	per sack	\$15.95	\$ 7,177.50	\$ 11.48	\$5,167.80
FL-160 - FL-160 Fluid Loss Additive Hi-Temp	49.00	per pound	\$18.90	\$ 926.10	\$ 13.61	\$666.79
PDEF - Powdered Defoamer	25.00	per pound	\$9.80	\$ 245.00	\$ 7.05	\$176.40
GILS - Gilsonite	1050.00	per pound	\$0.98	\$ 1,029.00	\$ 0.71	\$740.88
FLSL - Flo Seal	112.00	per pound	\$2.97	\$ 332.64	\$ 2.14	\$239.50
SPFL - Super Flush	12.00	per bbl	\$58.70	\$ 704.40	\$ 42.26	\$507.17
	0.00		\$0.00	\$ -	\$ -	\$0.00
Subtotal				\$ 14,072.14		\$10,131.94
HDLG - Products handling service charge	740.00	per cu. Ft.	\$2.43	\$ 1,835.20	\$ 1.79	\$1,321.34
DRYG - Drayage for products	1240.00	ton mile	\$2.60	\$ 3,224.00	\$ 1.87	\$2,321.28
MILV - Light Vehicle Mileage	40.00	per mile	\$4.40	\$ 176.00	\$ 3.17	\$126.72
MIHV - Heavy Vehicle Mileage	40.00	per mile	\$7.70	\$ 308.00	\$ 5.54	\$221.76
Subtotal				\$ 5,543.20		\$3,991.10
CMHD - Cementing Head Rental with Manifold	1.00	per day	\$275.00	\$ 275.00	\$ 198.00	\$198.00
	0.00		\$0.00	\$ -	\$ -	\$0.00
Subtotal				\$ 275.00		\$198.00
Totals:				\$ 28,818.14		\$21,800.68
DISCOUNT: Operations			28.0%	(1,448.16)		
DISCOUNT: Equipment Sales			0.0%	0.00		
DISCOUNT: Products			28.0%	(3,940.20)		
DISCOUNT: Transport			28.0%	(1,552.10)		
DISCOUNT: OTHER			28.0%	(77.00)		
			Total	(7,017.46)		

# ALLIED

OIL & GAS SERVICES, LLC

PO Box 93999  
Southlake, TX 76092

Voice: (817) 546-7282  
Fax: (817) 246-3361

# INVOICE

Invoice Number: 139011  
Invoice Date: Oct 1, 2013  
Page: 1

UCI 16 2013

#44473  
5332.45  
71730

APPROVED OCT 16 2013  
APPROVED OCT 16 2013

Now Includes:



<b>Bill To:</b>
Landmark Resources, Inc. 1616 S. Voss Suite 600 Houston, TX 77057-1264

Customer ID	Field Ticket #	Payment Terms	
Land	61321	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Oct 1, 2013	10/31/13

Quantity	Item	Description	Unit Price	Amount
170.00	CEMENT MATERIALS	Beeson #1-1		
		Class A Common	17.90	3,043.00
3.00	CEMENT MATERIALS	Gel	23.40	70.20
6.00	CEMENT MATERIALS	Chloride	64.00	384.00
183.82	CEMENT SERVICE	Cubic Feet	2.48	455.87
335.20	CEMENT SERVICE	Ton Mileage	2.60	871.52
1.00	CEMENT SERVICE	Surface	1,512.25	1,512.25
40.00	CEMENT SERVICE	Pump Truck Mileage	7.70	308.00
40.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	176.00
1.00	CEMENT SUPERVISOR	Andrew Forslund		
1.00	OPERATOR ASSISTANT	Chris Helpingstine		

0.\*

ALL PRICES ARE NET, PAYABLE  
30 DAYS FOLLOWING DATE OF  
INVOICE. 1 1/2% CHARGED  
THEREAFTER. IF ACCOUNT IS  
CURRENT, TAKE DISCOUNT OF

\$ 1,773.41

ONLY IF PAID ON OR BEFORE  
Oct 26, 2013

Subtotal	7,105.86 +	6,820.84
Sales Tax	1,773.41 -	285.02
Total Invoice	000	7,105.86
Payment/	5,332.45*	
<b>TOTAL</b>		<b>7,105.86</b>



# ALLIED OIL & GAS SERVICES, LLC 061321

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999  
SOUTHLAKE, TEXAS 76092

SERVICE POINT:  
Dakley

DATE <u>10-1-13</u>	SEC. <u>1</u>	TWP. <u>17s</u>	RANGE <u>34W</u>	CALLED OUT	ON LOCATION	JOB START <u>7:30 AM</u>	JOB FINISH <u>8:00 PM</u>
BEESON LEASE	WELL # <u>1-1</u>	LOCATION <u>SCOTT CITY 8N 6W</u>			COUNTY <u>SCOTT</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)		<u>IN 1/2 W SINTD</u>					

CONTRACTOR <u>LD</u>	OWNER <u>same</u>
TYPE OF JOB <u>surface</u>	
HOLE SIZE <u>12 1/4</u> T.D. <u>261'</u>	CEMENT
CASING SIZE <u>8 5/8</u> DEPTH <u>261'</u>	AMOUNT ORDERED <u>120 sks com</u>
TUBING SIZE DEPTH	<u>3000 2% gel</u>
DRILL PIPE DEPTH	
TOOL DEPTH	
PRES. MAX MINIMUM	COMMON <u>120 sks @ 12.90 3043.00</u>
MEAS. LINE SHOE JOINT	POZMIX @
CEMENT LEFT IN CSG. <u>15'</u>	GEL <u>3 sks @ 23.40 70.20</u>
PERFS.	CHLORIDE <u>6 sks @ 64.00 384.00</u>
DISPLACEMENT <u>15.62 GAL</u>	ASC @

EQUIPMENT		
PUMP TRUCK # <u>422</u>	CEMENTER <u>Andrew Foghtland</u>	@
	HELPER <u>Terry Heinrich</u>	@
BULK TRUCK # <u>396</u>	DRIVER <u>Chris Helpingstine</u>	@
BULK TRUCK #	DRIVER	@
	HANDLING <u>183.82 gal/ft @ 2.48 455.87</u>	
	MILEAGE <u>21.6709/mile @ 8.78 gal 871.52</u>	

REMARKS:

Cement in bottom of cellar

Thank you

CHARGE TO: Landmark Resources  
STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

SERVICE

DEPTH OF JOB <u>261'</u>	
PUMP TRUCK CHARGE <u>1512.25</u>	
EXTRA FOOTAGE @	
MILEAGE <u>40 miles @ 7.20 288.00</u>	
MANIFOLD @	
<u>light vehicle @ 4.40 176.00</u>	
@	

TOTAL 1996.25

PLUG & FLOAT EQUIPMENT

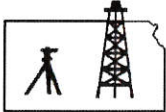
_____ @ _____
_____ @ _____
_____ @ _____
_____ @ _____
_____ @ _____

TOTAL \_\_\_\_\_

To: Allied Oil & Gas Services, LLC.  
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

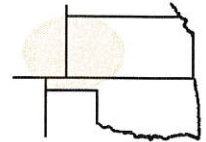
PRINTED NAME Richard Wilson  
SIGNATURE Rhl Wilson

SALES TAX (If Any) \_\_\_\_\_  
TOTAL CHARGES 6,820.84  
DISCOUNT 1,773.41 IF PAID IN 30 DAYS  
5,047.42 Net.



**Pro-Stake LLC**  
Oil Field & Construction Site Staking

P.O. Box 2324  
Garden City, Kansas 67846  
Office/Fax: (620) 276-6159  
Cell: (620) 272-1499



**001734**  
PLAT NO.

**11137**  
INVOICE NO.

burt@pro-stakellc.kscocmail.com

**Landmark Resources, Inc.**

OPERATOR

**Scott County, KS**

COUNTY

**Beeson #1-1**

LEASE NAME

**1329' FNL - 2601' FWL**

LOCATION SPOT

**1** **17s** **34w**  
Sec. Twp. Rng.

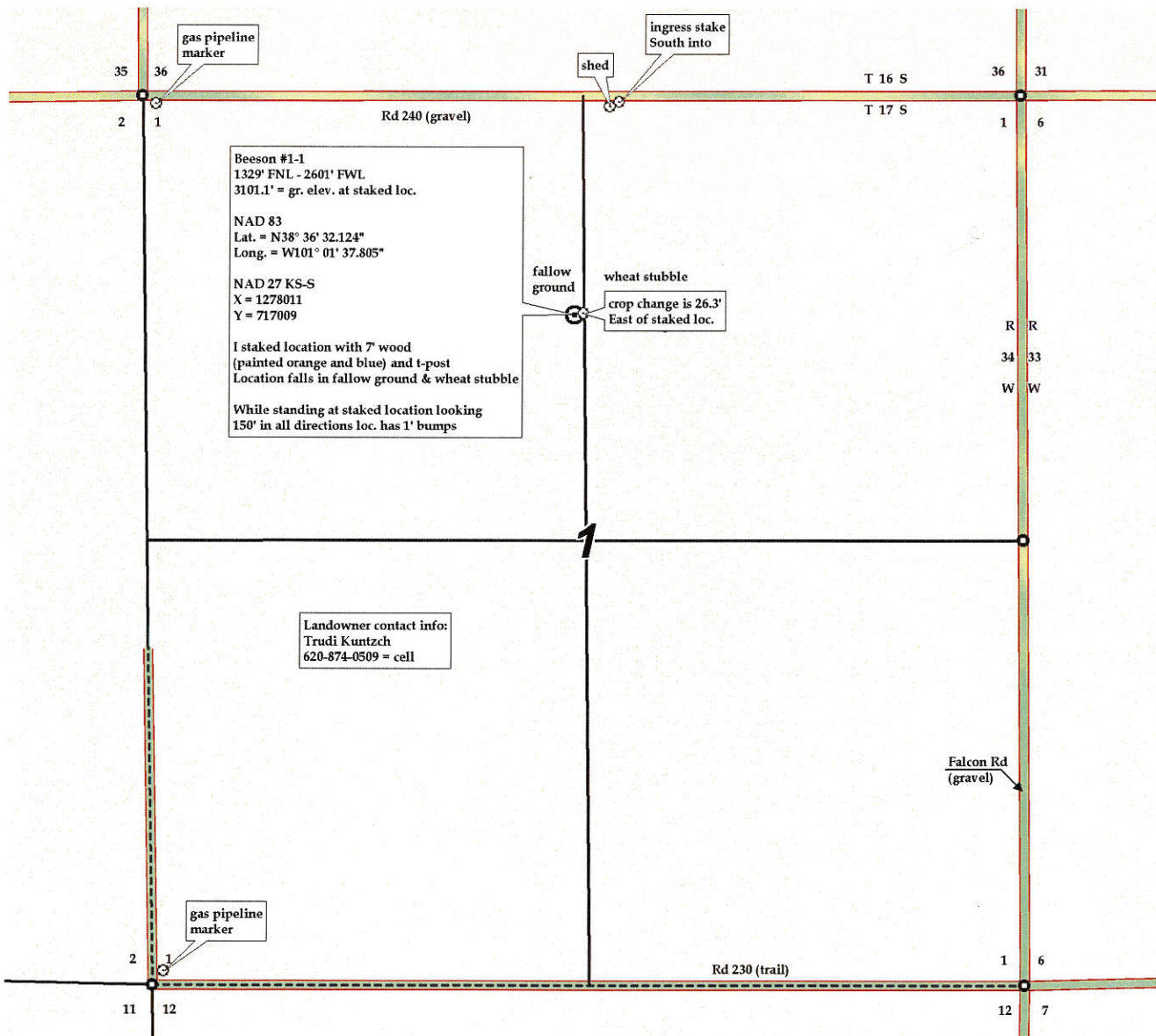
SCALE: **1" = 1000'**  
DATE STAKED: **Sept. 5<sup>th</sup>, 2013**  
MEASURED BY: **Drew H.**  
DRAWN BY: **Drew H.**  
AUTHORIZED BY: **Becky P.**

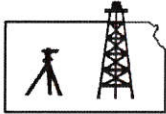
GR. ELEVATION: **3101.1'**

**Directions:** From the center of Pence Ks at the intersection of Rd 270 & Cherokee Rd – Now go 3 miles South on Cherokee Rd – Now go 2 mile East on Rd 240 to the NW corner of section 1-17s-34w – Now go 0.5 mile East on Rd 240 to ingress stake South into – Now go 1329' South through fallow ground into staked location.  
**Final ingress must be verified with land owner or Operator.**



*This drawing does not constitute a monumented survey or a land survey plat. This drawing is for construction purposes only.*



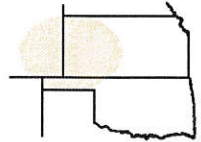


# Pro-Stake LLC

Oil Field & Construction Site Staking

P.O. Box 2324  
Garden City, Kansas 67846  
Office/Fax: (620) 276-6159  
Cell: (620) 272-1499

burt@pro-stakellc.ksoxmail.com



001734  
PLAT NO.

11137  
INVOICE NO.

## Landmark Resources, Inc.

OPERATOR

Scott County, KS

COUNTY

## Beeson #1-1

LEASE NAME

1329' FNL - 2601' FWL

LOCATION SPOT

1 17s 34w  
Sec. Twp. Rng.

SCALE: 1" = 1000'  
DATE STAKED: Sept. 5<sup>th</sup>, 2013  
MEASURED BY: Drew H.  
DRAWN BY: Drew H.  
AUTHORIZED BY: Becky P.

GR. ELEVATION: 3101.1'

**Directions:** From the center of Pence Ks at the intersection of Rd 270 & Cherokee Rd - Now go 3 miles South on Cherokee Rd - Now go 2 mile East on Rd 240 to the NW corner of section 1-17s-34w - Now go 0.5 mile East on Rd 240 to ingress stake South into - Now go 1329' South through fallow ground into staked location.  
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