



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1098420  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

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

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

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

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

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

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

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

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

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

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

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

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

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

Designate Type of Completion:

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

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

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

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

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

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

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

API No. 15 - \_\_\_\_\_

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

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

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

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

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

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

Datum:  NAD27       NAD83       WGS84

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

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

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

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

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

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

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

Multiple Stage Cementing Collar Used?  Yes  No

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

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

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

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

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

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

Location of fluid disposal if hauled offsite:

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

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

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

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

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

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



1098420

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
----------------	--	---

Date of First, Resumed Production, SWD or ENHR. _____	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

<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> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
--	--	---

Form	ACO1 - Well Completion
Operator	Landmark Resources, Inc.
Well Name	Decker 1-3
Doc ID	1098420

Tops

Name	Top	Datum
Anhydrite	2461	+671
B/Anhydrite	2475	+650
Topeka	3767	-633
Toronto	4016	-885
Lansing	4047	-910
C	4089	-954
D	4107	-968
F	4159	-1026
Muncie Creek	4228	-1101
H	4244	-1116
I	4272	-1142
J	4307	-1179
Stark Shale	4330	-1201
K	4342	-1214
L	4388	-1256
BKC	4416	-1284
Marmaton	4473	-1340
Altamont	4487	-1348
Pawnee	4553	-1425
Myrick Station	4580	-1449
Fort Scott	4597	-1465
Cherokee	4622	-1490
Johnson Zone	4677	-1549
Mississippian	4794	-1666



# INVOICE

PO Box 93999  
Southlake, TX 76092

Invoice Number: 133044  
Invoice Date: Oct 10, 2012  
Page: 1

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



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

Customer ID	Well Name/# or Customer P.O.	Payment Terms	
Land	Decker #1-3	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Oct 10, 2012	11/9/12

Quantity	Item	Description	Unit Price	Amount
175.00	MAT	Class A Common	17.90	3,132.50
3.00	MAT	Gel	23.40	70.20
6.00	MAT	Chloride	64.00	384.00
189.24	SER	Cubic Feet Charge	2.48	469.32
388.80	SER	Ton Mileage Charge	2.60	1,010.88
1.00	SER	Surface	1,512.25	1,512.25
45.00	SER	Pump Truck Mileage	7.70	346.50
1.00	SER	Manifold Rental	275.00	275.00
45.00	SER	Light Vehicle Mileage	4.40	198.00
1.00	CEMENTER	LaRene Wentz		
1.00	EQUIP OPER	Dane Retzloff		

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

**\$ 1775.67**

ONLY IF PAID ON OR BEFORE  
**Nov 4, 2012**

Subtotal	7,398.65
Sales Tax	297.70
Total Invoice Amount	7,696.35
Payment/Credit Applied	
<b>TOTAL</b>	<b>7,696.35</b>

# ALLIED OIL & GAS SERVICES, LLC 056331

Federal Tax I.D.# 20-5976804

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

Oakley, KS

DATE <u>10-10-12</u>	SEC. <u>3</u>	TWP. <u>17</u>	RANGE <u>34</u>	CALLED OUT	ON LOCATION <u>10:00pm</u>	JOB START <u>11:30am</u>	JOB FINISH <u>12:00M.</u>
LEASE <u>Decker</u>			WELL # <u>1-3</u>		LOCATION <u>Pence, Ks, 22, 35, 10,</u>		COUNTY <u>Scott</u>
OLD OR <u>NEW</u> (circle one)			LOCATION <u>Sinto</u>		STATE <u>KS</u>		

CONTRACTOR Marfin #2  
 TYPE OF JOB Surface  
 HOLE SIZE 12 1/8" T.D. 267'  
 CASING SIZE 8 7/8" DEPTH 265'  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. 15'  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 16.19 bbl

OWNER Same

CEMENT

AMOUNT ORDERED 175 sbs can 3%cc  
270 gal

COMMON 175 sbs @ 1.70 297.50  
 POZMIX \_\_\_\_\_ @ \_\_\_\_\_  
 GEL 3 sbs @ 25.40 76.20  
 CHLORIDE 6 sbs @ 64.00 384.00  
 ASC \_\_\_\_\_ @ \_\_\_\_\_

**EQUIPMENT**

PUMP TRUCK CEMENTER Robert Wanzel  
 # 431 HELPER Dane Retzloff  
 BULK TRUCK \_\_\_\_\_  
 # 347 DRIVER Thomas Torres  
 BULK TRUCK \_\_\_\_\_  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

HANDLING 189.24 @ 2.48 469.32  
 MILEAGE 264 tank 45x 2.60 1010.80  
388.80 TOTAL 5068.90

**REMARKS:**

Mix 175 sbs cement  
Displace with water

Cement did circulate

Thank you

**SERVICE**

DEPTH OF JOB 265'  
 PUMP TRUCK CHARGE 1812.25  
 EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_  
 MILEAGE 415 @ 7.70 3196.50  
 MANIFOLD \_\_\_\_\_ @ \_\_\_\_\_  
415 @ 4.40 1828.00

TOTAL 2831.75

CHARGE TO: Landmark Resources Inc.

STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**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.

SALES TAX (If Any) 297.69

TOTAL CHARGES 7,398.63

DISCOUNT 1975.67 IF PAID IN 30 DAYS

PRINTED NAME Arturo Cabera

SIGNATURE Arturo Cabera

2490

Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Mark Sievers, Chairman  
Thomas E. Wright, Commissioner  
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

October 24, 2012

Jeff Wood  
Landmark Resources, Inc.  
1616 S VOSS RD STE 600  
HOUSTON, TX 77057-2641

Re: ACO1  
API 15-171-20911-00-00  
Decker 1-3  
SE/4 Sec.03-17S-34W  
Scott County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,  
Jeff Wood



## DRILL STEM TEST REPORT

Prepared For: **Landmark Resources, Inc**

1616 S Voss Rd STE 600  
Houston, TX 77057

ATTN: Terry Mcleod

### **Decker #1-3**

### **3 17s 34w Scott,KS**

Start Date: 2012.10.15 @ 10:37:00

End Date: 2012.10.15 @ 17:27:15

Job Ticket #: 49762                      DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.10.18 @ 11:26:36



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Landmark Resources, Inc

**3 17s 34w Scott,KS**

1616 S Voss Rd STE 600  
Houston, TX 77057

**Decker #1-3**

Job Ticket: 49762

**DST#: 1**

ATTN: Terry Mcleod

Test Start: 2012.10.15 @ 10:37:00

## GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:44:00

Time Test Ended: 17:27:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 53

**Interval: 4475.00 ft (KB) To 4505.00 ft (KB) (TVD)**

Reference Elevations: 3127.00 ft (KB)

Total Depth: 4505.00 ft (KB) (TVD)

3117.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

**Serial #: 8522 Outside**

Press @ Run Depth: 43.04 psig @ 4476.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.10.15

End Date:

2012.10.15

Last Calib.: 2012.10.15

Start Time: 10:37:05

End Time:

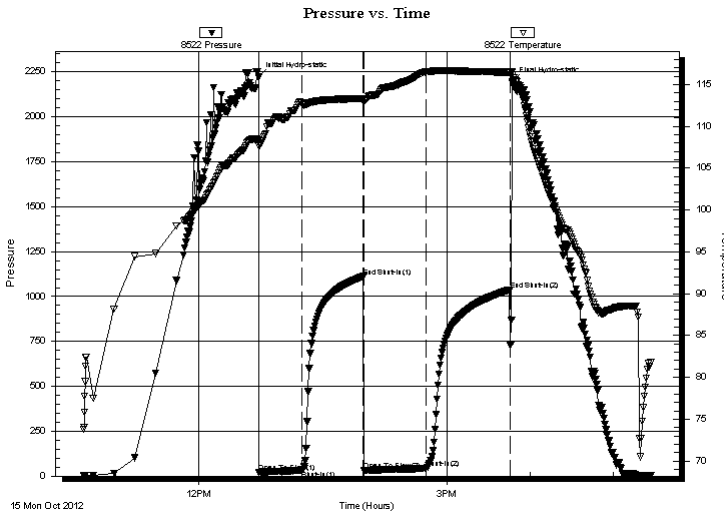
17:27:14

Time On Btm: 2012.10.15 @ 12:43:45

Time Off Btm: 2012.10.15 @ 15:47:00

**TEST COMMENT:** IF: 1" blow .  
IS: No return.  
FF: 1/2 " Blow .  
FS: No return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2222.92	108.28	Initial Hydro-static
1	22.47	107.63	Open To Flow (1)
32	31.78	112.82	Shut-In(1)
76	1111.65	113.33	End Shut-In(1)
76	33.89	112.83	Open To Flow (2)
121	43.04	116.51	Shut-In(2)
182	1038.12	116.48	End Shut-In(2)
184	2197.70	116.48	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
40.00	Mud 100m (oil spots)	0.20

## 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

**3 17s 34w Scott,KS**  
**Decker #1-3**  
Job Ticket: 49762      **DST#: 1**  
Test Start: 2012.10.15 @ 10:37:00

**GENERAL INFORMATION:**

Formation: **Marmaton**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 12:44:00  
Time Test Ended: 17:27:15  
**Interval: 4475.00 ft (KB) To 4505.00 ft (KB) (TVD)**  
Total Depth: 4505.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Initial)  
Tester: Bradley Walter  
Unit No: 53  
Reference Elevations: 3127.00 ft (KB)  
3117.00 ft (CF)  
KB to GR/CF: 10.00 ft

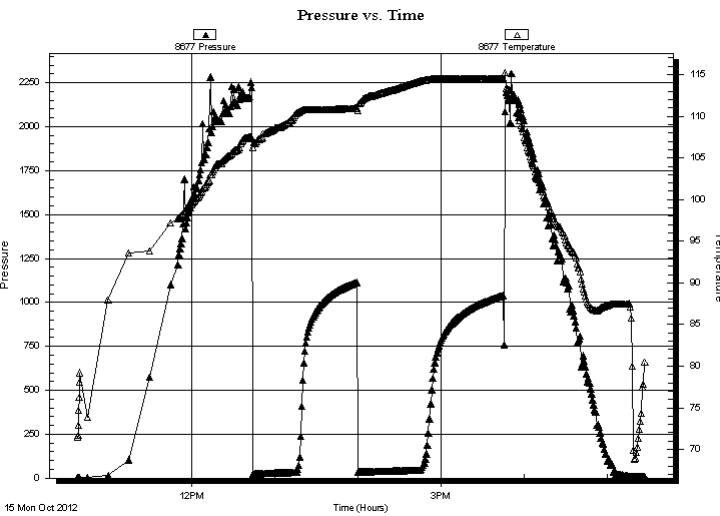
**Serial #: 8677**

**Inside**

Press @ RunDepth: psig @ 4476.00 ft (KB)  
Start Date: 2012.10.15 End Date: 2012.10.15  
Start Time: 10:37:35 End Time: 17:26:44

Capacity: 8000.00 psig  
Last Calib.: 2012.10.15  
Time On Btm:  
Time Off Btm:

TEST COMMENT: IF: 1" blow .  
IS: No return.  
FF: 1/2 " Blow .  
FS: No return.



**PRESSURE SUMMARY**

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

**Recovery**

Length (ft)	Description	Volume (bbl)
40.00	Mud 100m (oil spots)	0.20

**Gas Rates**

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Landmark Resources, Inc

**3 17s 34w Scott,KS**

1616 S Voss Rd STE 600  
Houston, TX 77057

**Decker #1-3**

Job Ticket: 49762

**DST#: 1**

ATTN: Terry Mcleod

Test Start: 2012.10.15 @ 10:37:00

## Tool Information

Drill Pipe:	Length: 4221.00 ft	Diameter: 3.80 inches	Volume: 59.21 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: 244.00 ft	Diameter: 2.25 inches	Volume: 1.20 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 60.41 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4475.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	57.00 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			4449.00	
Shut In Tool	5.00			4454.00	
Hydraulic tool	5.00			4459.00	
Jars	5.00			4464.00	
Safety Joint	2.00			4466.00	
Packer	5.00			4471.00	27.00 Bottom Of Top Packer
Packer	4.00			4475.00	
Stubb	1.00			4476.00	
Recorder	0.00	8677	Inside	4476.00	
Recorder	0.00	8522	Outside	4476.00	
Perforations	26.00			4502.00	
Bullnose	3.00			4505.00	30.00 Bottom Packers & Anchor

**Total Tool Length: 57.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Landmark Resources, Inc

**3 17s 34w Scott,KS**

1616 S Voss Rd STE 600  
Houston, TX 77057

**Decker #1-3**

Job Ticket: 49762

**DST#: 1**

ATTN: Terry Mcleod

Test Start: 2012.10.15 @ 10:37:00

## 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: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.97 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	Mud 100m (oil spots)	0.197

Total Length: 40.00 ft      Total Volume: 0.197 bbl

Num Fluid Samples: 0

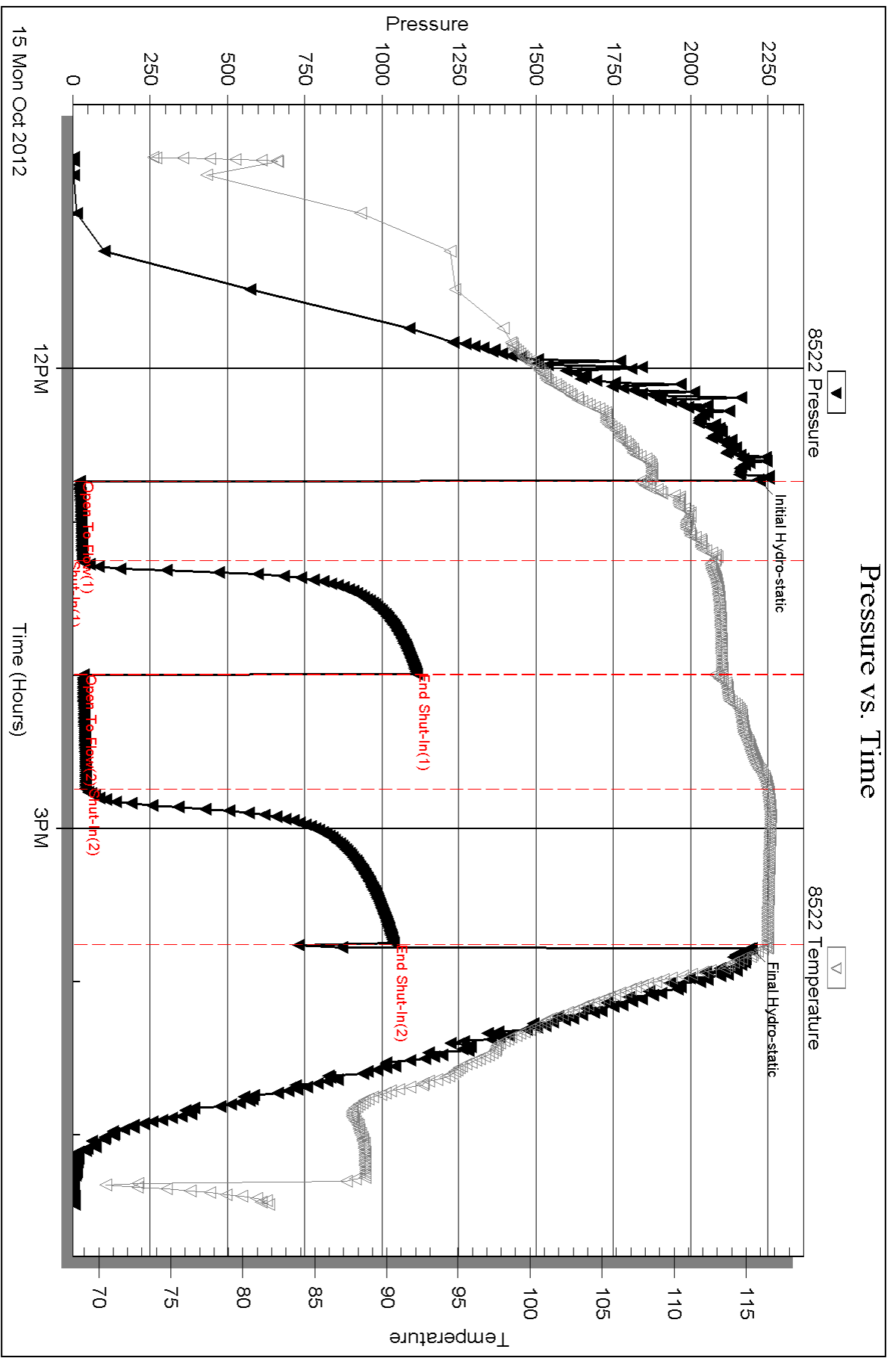
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



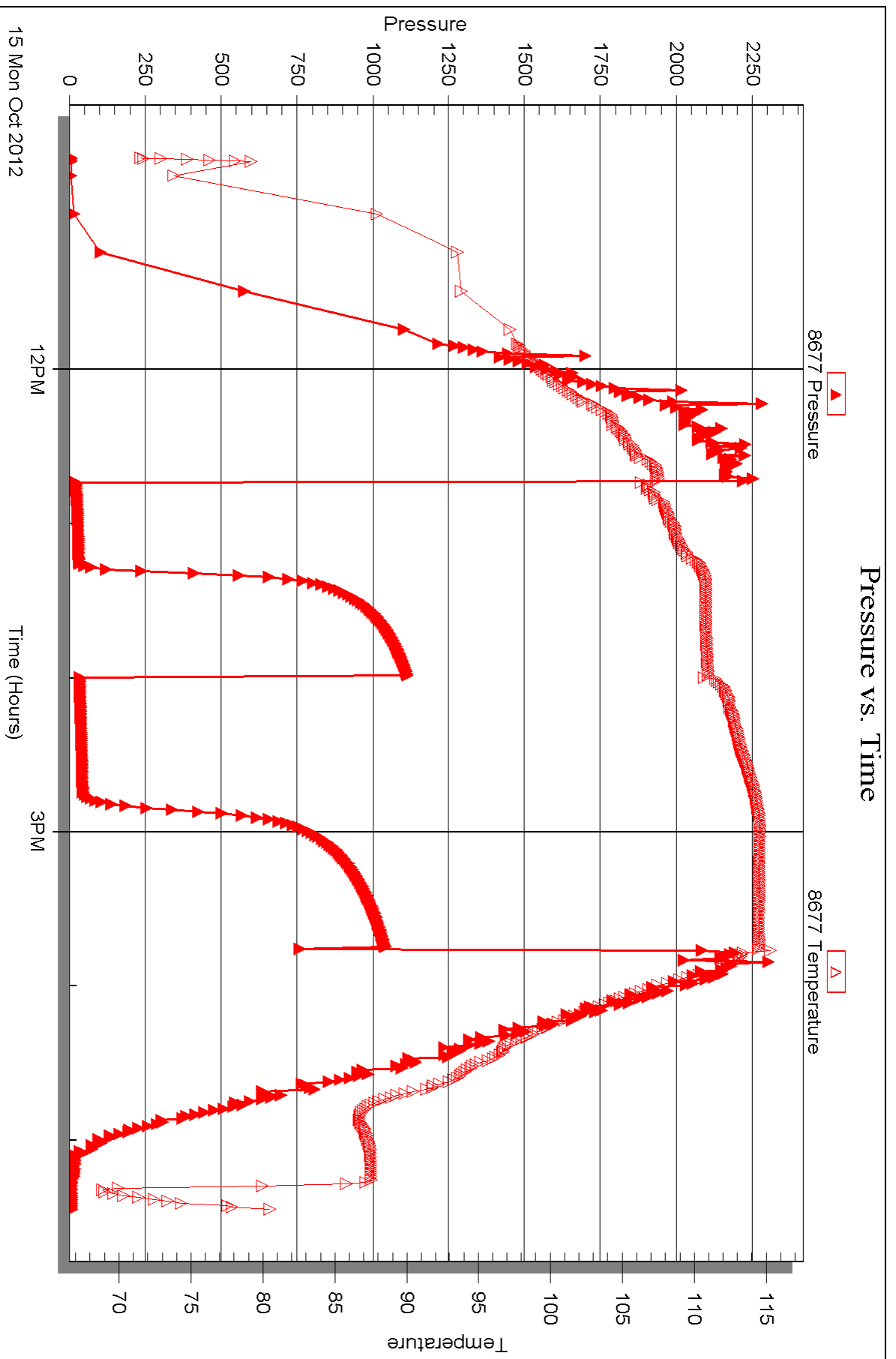
Serial #: 8677

Inside

Landmark Resources, Inc

Decker #1-3

DST Test Number: 1





## DRILL STEM TEST REPORT

Prepared For: **Landmark Resources, Inc**

1616 S Voss Rd STE 600  
Houston, TX 77057

ATTN: Terry Mcleod

### **Decker #1-3**

### **3 17s 34w Scott,KS**

Start Date: 2012.10.16 @ 09:22:00

End Date: 2012.10.16 @ 15:43:15

Job Ticket #: 49763                      DST #: 2

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

Printed: 2012.10.18 @ 11:25:41



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Landmark Resources, Inc

**3 17s 34w Scott,KS**

1616 S Voss Rd STE 600  
Houston, TX 77057

**Decker #1-3**

Job Ticket: 49763

**DST#: 2**

ATTN: Terry Mcleod

Test Start: 2012.10.16 @ 09:22:00

## GENERAL INFORMATION:

Formation: **Altamont - Ft. Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:50:45

Time Test Ended: 15:43:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 53

**Interval: 4506.00 ft (KB) To 4625.00 ft (KB) (TVD)**

Reference Elevations: 3127.00 ft (KB)

Total Depth: 4625.00 ft (KB) (TVD)

3117.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

**Serial #: 8522 Outside**

Press @ Run Depth: 22.22 psig @ 4507.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.10.16

End Date:

2012.10.16

Last Calib.:

2012.10.16

Start Time: 09:27:05

End Time:

15:48:14

Time On Btm:

2012.10.16 @ 11:50:30

Time Off Btm:

2012.10.16 @ 13:50:30

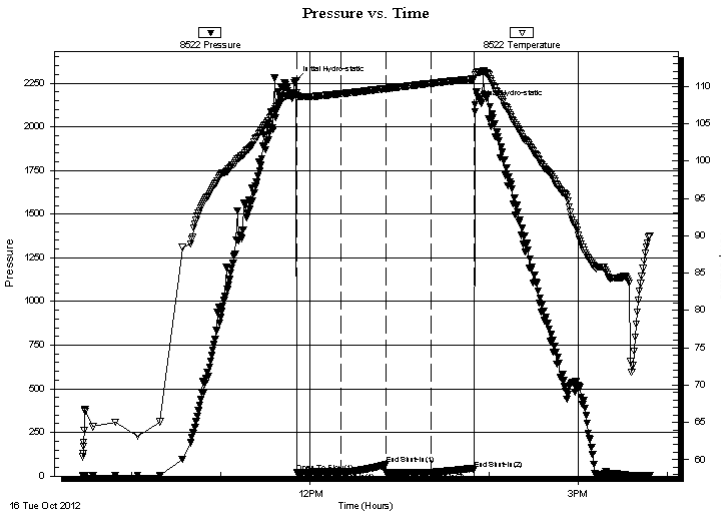
TEST COMMENT: IF: Surface blow . died @ 10 min.

IS: No return

FF: No blow .

FS: No return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2265.48	109.14	Initial Hydro-static
1	22.31	108.54	Open To Flow (1)
30	23.98	109.02	Shut-In(1)
60	65.72	109.70	End Shut-In(1)
61	22.86	109.68	Open To Flow (2)
91	22.22	110.40	Shut-In(2)
120	39.73	111.01	End Shut-In(2)
120	2126.73	111.60	Final Hydro-static

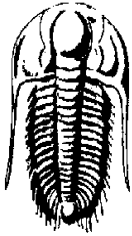
## Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100m (oil spots)	0.02

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Landmark Resources, Inc

**3 17s 34w Scott,KS**

1616 S Voss Rd STE 600  
Houston, TX 77057

**Decker #1-3**

Job Ticket: 49763

**DST#: 2**

ATTN: Terry Mcleod

Test Start: 2012.10.16 @ 09:22:00

## GENERAL INFORMATION:

Formation: **Altamont - Ft. Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:50:45

Time Test Ended: 15:43:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 53

**Interval: 4506.00 ft (KB) To 4625.00 ft (KB) (TVD)**

Total Depth: 4625.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3127.00 ft (KB)

3117.00 ft (CF)

KB to GR/CF: 10.00 ft

**Serial #: 8677**

**Inside**

Press@RunDepth: psig @ 4507.00 ft (KB)

Start Date: 2012.10.16

End Date:

2012.10.16

Start Time: 09:27:05

End Time:

15:46:44

Capacity: 8000.00 psig

Last Calib.: 2012.10.16

Time On Btm:

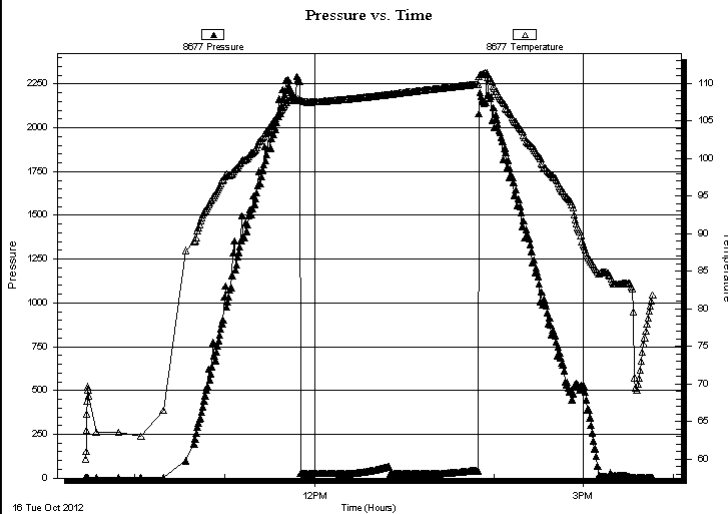
Time Off Btm:

**TEST COMMENT:** IF: Surface blow . died @ 10 min.

IS: No return

FF: No blow .

FS: No return.



## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100m (oil spots)	0.02

## 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

**3 17s 34w Scott,KS**

1616 S Voss Rd STE 600  
Houston, TX 77057

**Decker #1-3**

Job Ticket: 49763

**DST#: 2**

ATTN: Terry Mcleod

Test Start: 2012.10.16 @ 09:22:00

## Tool Information

Drill Pipe:	Length: 4264.00 ft	Diameter: 3.80 inches	Volume: 59.81 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: 234.00 ft	Diameter: 2.25 inches	Volume: 1.15 bbl	Weight to Pull Loose: 79000.00 lb
			<u>Total Volume: 60.96 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4506.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	119.00 ft			
Tool Length:	141.00 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			4485.00	
Shut In Tool	5.00			4490.00	
Hydraulic tool	5.00			4495.00	
Safety Joint	2.00			4497.00	
Packer	5.00			4502.00	22.00 Bottom Of Top Packer
Packer	4.00			4506.00	
Stubb	1.00			4507.00	
Recorder	0.00	8677	Inside	4507.00	
Recorder	0.00	8522	Outside	4507.00	
Perforations	19.00			4526.00	
Change Over Sub	1.00			4527.00	
Drill Pipe	94.00			4621.00	
Change Over Sub	1.00			4622.00	
Bullnose	3.00			4625.00	119.00 Bottom Packers & Anchor

**Total Tool Length: 141.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Landmark Resources, Inc

**3 17s 34w Scott,KS**

1616 S Voss Rd STE 600  
Houston, TX 77057

**Decker #1-3**

Job Ticket: 49763

**DST#: 2**

ATTN: Terry Mcleod

Test Start: 2012.10.16 @ 09:22:00

## 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: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5400.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud 100m (oil spots)	0.025

Total Length: 5.00 ft      Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

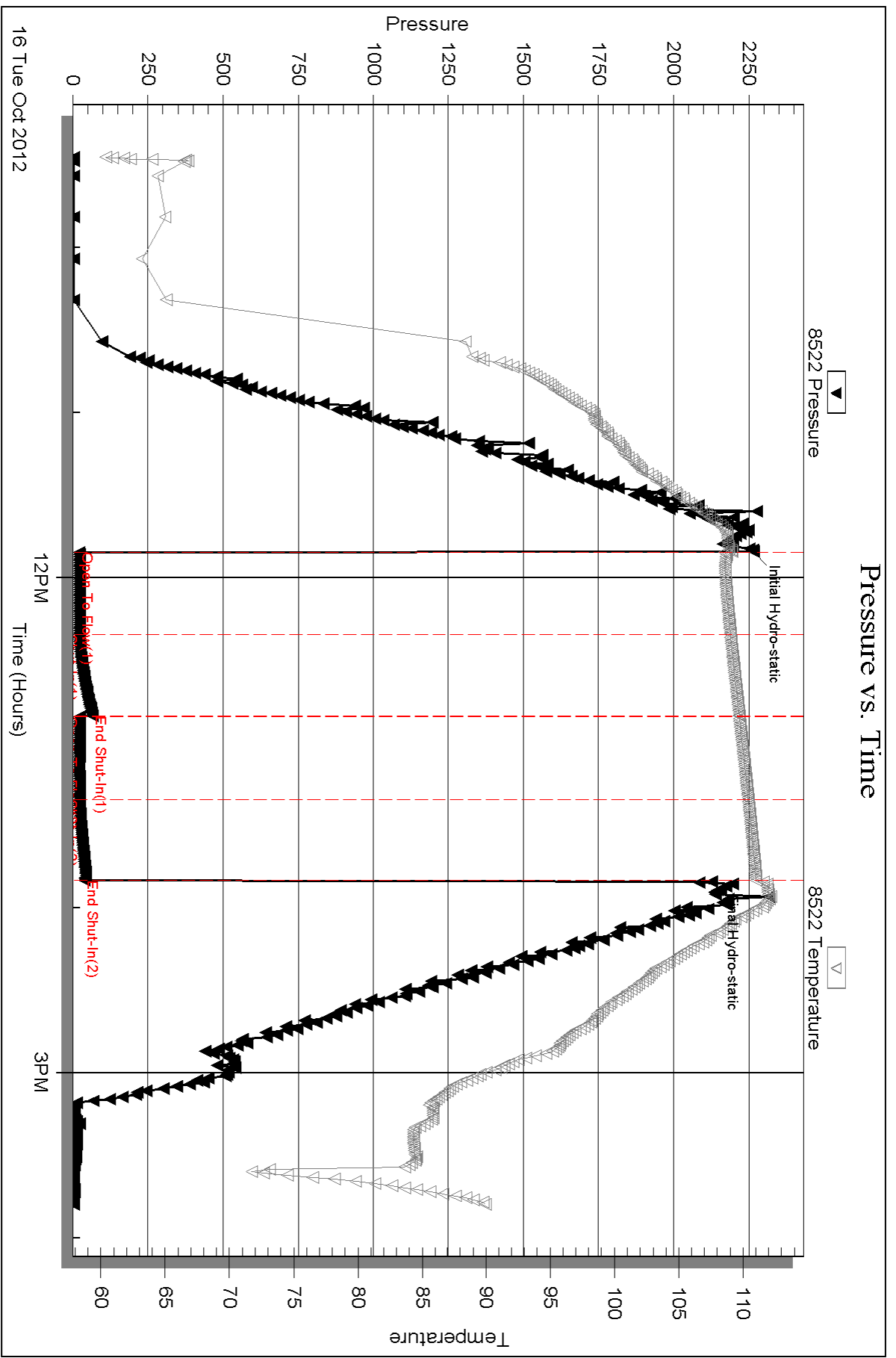
Recovery Comments:

Serial #: 8522

Outside Landmark Resources, Inc

Decker #1-3

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 49763

Printed: 2012.10.18 @ 11:25:45

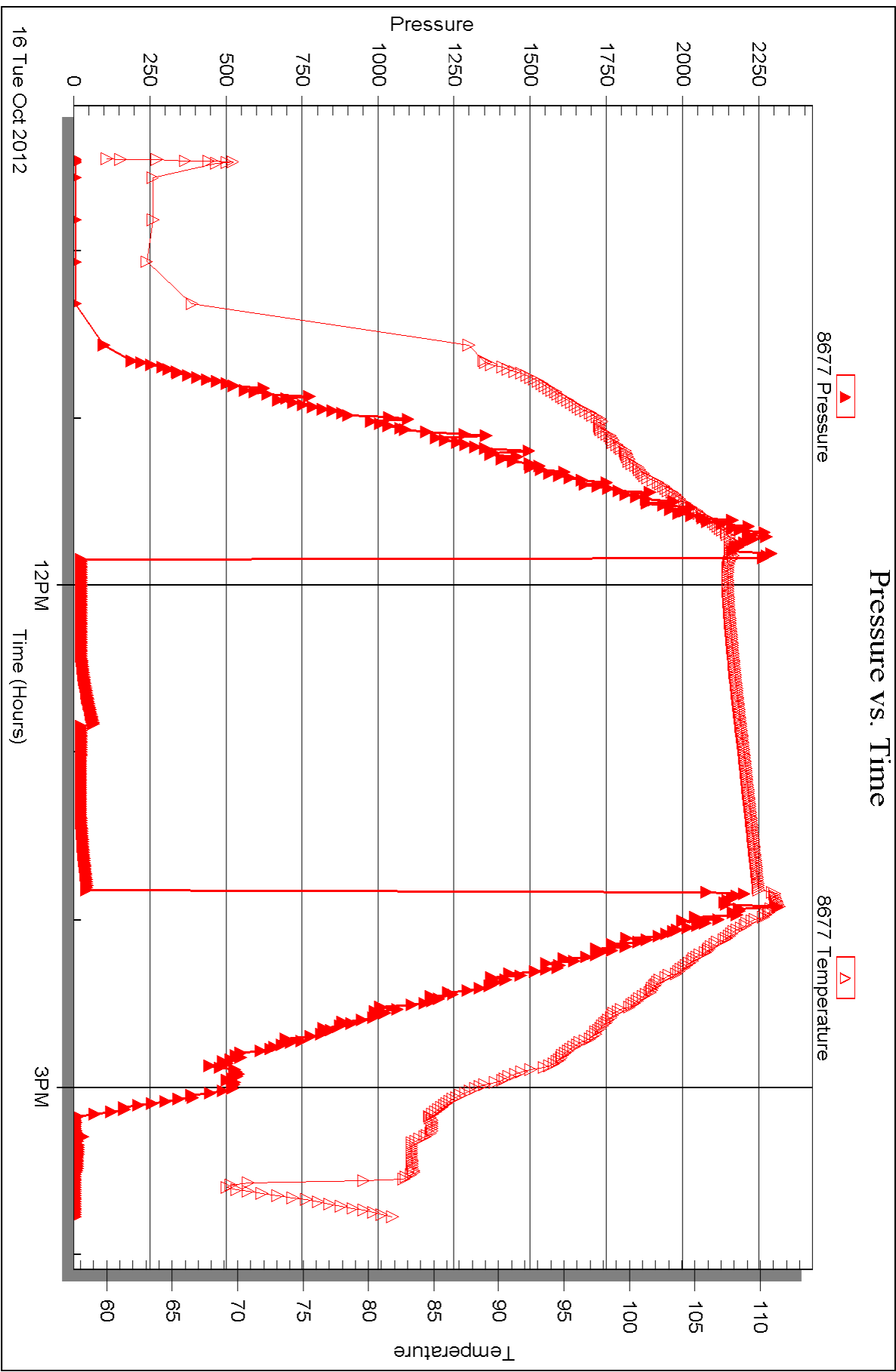
Serial #: 8677

Inside

Landmark Resources, Inc

Decker #1-3

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

### **Decker #1-3**

### **3 17s 34w Scott,KS**

Start Date: 2012.10.17 @ 02:35:00

End Date: 2012.10.17 @ 09:35:45

Job Ticket #: 42331                      DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.10.18 @ 11:24:53

Landmark Resources, Inc  
3 17s 34w Scott,KS  
Decker #1-3  
DST # 3  
Johnson  
2012.10.17



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

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

**3 17s 34w Scott,KS**

**Decker #1-3**

Job Ticket: 42331

**DST#: 3**

Test Start: 2012.10.17 @ 02:35:00

## GENERAL INFORMATION:

Formation: **Johnson**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 04:49:00  
 Time Test Ended: 09:35:45  
 Interval: **4616.00 ft (KB) To 4745.00 ft (KB) (TVD)**  
 Total Depth: 4745.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Bradley Walter  
 Unit No: 53  
 Reference Elevations: 3127.00 ft (KB)  
 3117.00 ft (CF)  
 KB to GR/CF: 10.00 ft

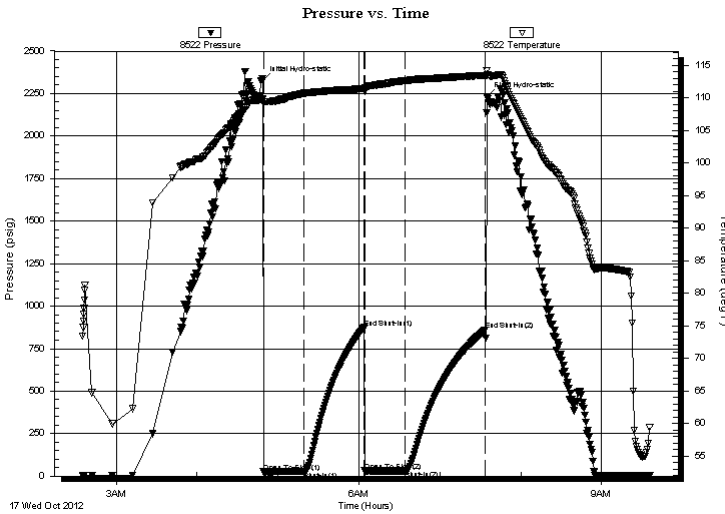
**Serial #: 8522**

**Outside**

Press @ RunDepth: 31.88 psig @ 4617.00 ft (KB)  
 Start Date: 2012.10.17 End Date: 2012.10.17  
 Start Time: 02:35:05 End Time: 09:35:44  
 Capacity: 8000.00 psig  
 Last Calib.: 2012.10.17  
 Time On Btm: 2012.10.17 @ 04:48:45  
 Time Off Btm: 2012.10.17 @ 07:35:15

**TEST COMMENT:** IF: Surface blow , died @ 23 min.  
 IS: No return.  
 FF: No blow .  
 FS: No return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2324.16	109.77	Initial Hydro-static
1	24.82	109.10	Open To Flow (1)
31	29.03	110.69	Shut-In(1)
75	873.50	111.42	End Shut-In(1)
76	30.22	110.97	Open To Flow (2)
106	31.88	112.59	Shut-In(2)
165	857.23	113.43	End Shut-In(2)
167	2231.03	113.49	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud 100m	0.05

\* 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

**3 17s 34w Scott,KS**

1616 S Voss Rd STE 600  
Houston, TX 77057

**Decker #1-3**

Job Ticket: 42331

**DST#: 3**

ATTN: Terry Mcleod

Test Start: 2012.10.17 @ 02:35:00

## Tool Information

Drill Pipe:	Length: 4380.00 ft	Diameter: 3.80 inches	Volume: 61.44 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: 244.00 ft	Diameter: 2.25 inches	Volume: 1.20 bbl	Weight to Pull Loose:	85000.00 lb
			<u>Total Volume: 62.64 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial	69000.00 lb
Depth to Top Packer:	4616.00 ft			Final	69000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	129.00 ft				
Tool Length:	151.00 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			4595.00	
Shut In Tool	5.00			4600.00	
Hydraulic tool	5.00			4605.00	
Safety Joint	2.00			4607.00	
Packer	5.00			4612.00	22.00 Bottom Of Top Packer
Packer	4.00			4616.00	
Stubb	1.00			4617.00	
Recorder	0.00	8677	Inside	4617.00	
Recorder	0.00	8522	Outside	4617.00	
Perforations	29.00			4646.00	
Change Over Sub	1.00			4647.00	
Drill Pipe	94.00			4741.00	
Change Over Sub	1.00			4742.00	
Bullnose	3.00			4745.00	129.00 Bottom Packers & Anchor

**Total Tool Length: 151.00**





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Landmark Resources, Inc

**3 17s 34w Scott,KS**

1616 S Voss Rd STE 600  
Houston, TX 77057

**Decker #1-3**

Job Ticket: 42331

**DST#: 3**

ATTN: Terry Mcleod

Test Start: 2012.10.17 @ 02:35:00

## 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: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5400.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	mud 100m	0.049

Total Length: 10.00 ft      Total Volume: 0.049 bbl

Num Fluid Samples: 0

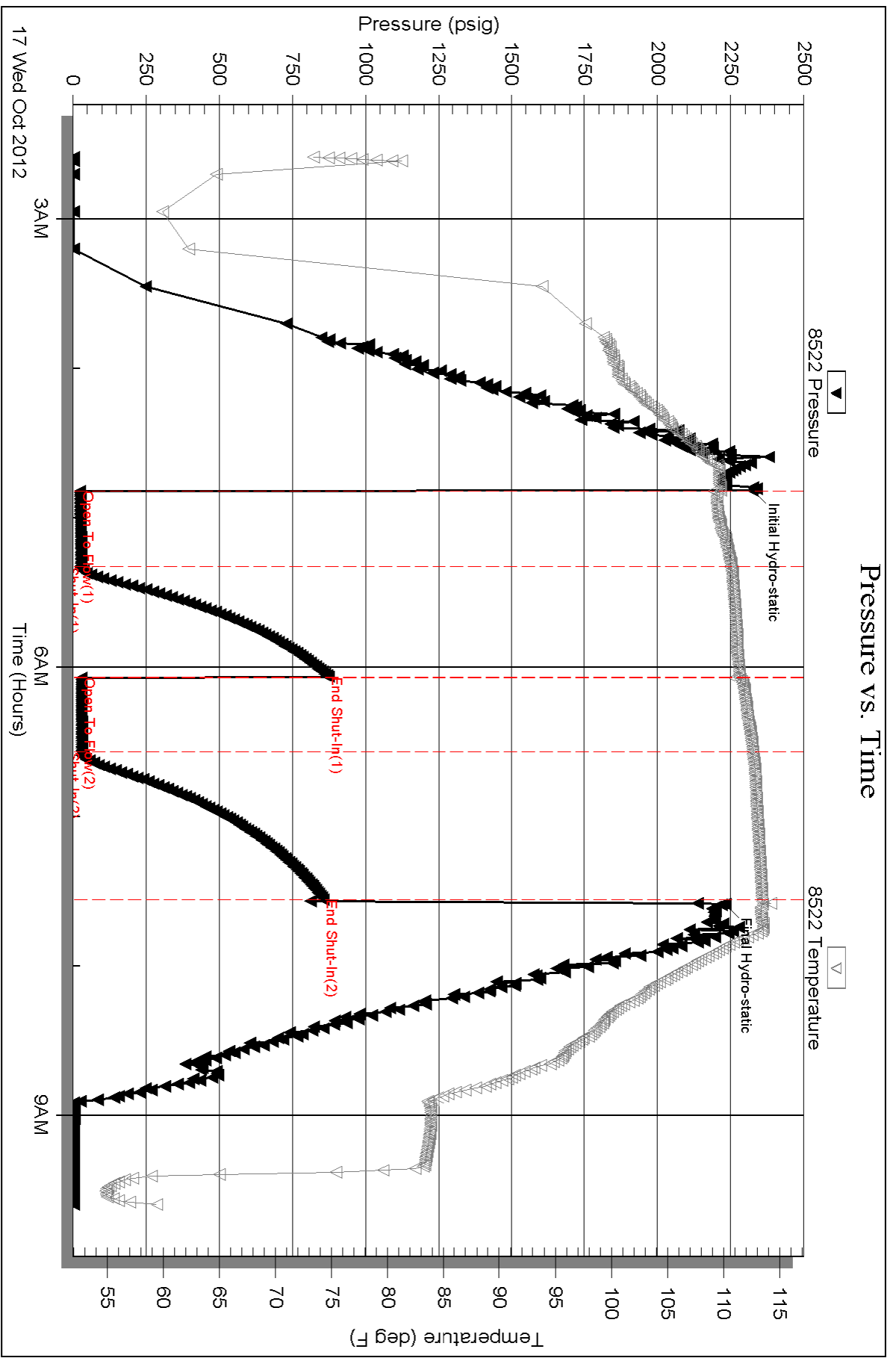
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



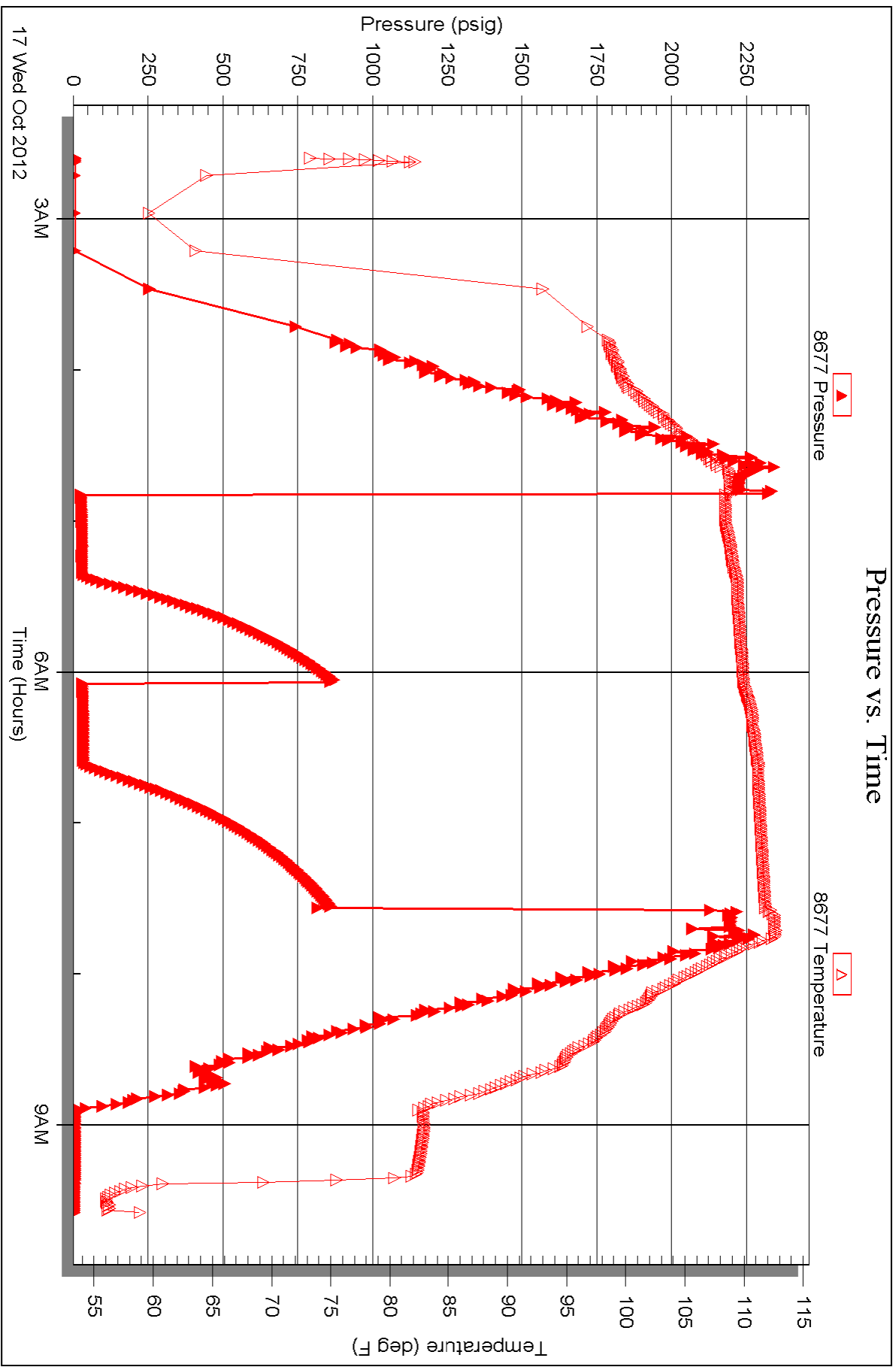
Serial #: 8677

Inside

Landmark Resources, Inc

Decker #1-3

DST Test Number: 3





# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 49762

Well Name & No. Decker #1-3 Test No. 1 Date 10/15/12  
 Company Landmark Resources, Inc Elevation 3127 KB 3117 GL  
 Address 1616 S. Voss Rd STE 600 Houston, TX 77057  
 Co. Rep / Geo. Terry McLeod Rig Martin #2  
 Location: Sec. 3 Twp. 17S Rge. E4W Co. Scott State Ks

Interval Tested 4475 - 4505 Zone Tested Marmaton  
 Anchor Length 30' Drill Pipe Run 4221 Mud Wt. 9.12  
 Top Packer Depth 4470 Drill Collars Run 244 Vis 54  
 Bottom Packer Depth 4475 Wt. Pipe Run 0 WL 80  
 Total Depth 4505 Chlorides 3,000 ppm System LCM 2#

Blow Description IF: 1" blow  
ISI: No return.  
FF: 1/2" blow  
FSI: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>40</u>	<u>Mud 700m (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 40 BHT 117 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2223</u>	<input checked="" type="checkbox"/> Test 1250	T-On Location <u>0915</u>
(B) First Initial Flow <u>22</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>1037</u>
(C) First Final Flow <u>32</u>	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>1245</u>
(D) Initial Shut-In <u>1112</u>	<input checked="" type="checkbox"/> Circ Sub N/C	T-Pulled <u>1545</u>
(E) Second Initial Flow <u>34</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>1727</u>
(F) Second Final Flow <u>43</u>	<input checked="" type="checkbox"/> Mileage <u>37 R/Y</u> 60.45	Comments
(G) Final Shut-In <u>1038</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2198</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Open <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Flow <u>45</u>	<input type="checkbox"/> Day Standby	Total <u>1635.45</u>
Final Shut-In <u>60</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1635.45</u>	

Approved By Terry D. McLeod Our Representative Bud [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. 49763

Well Name & No. Decker #1-3 Test No. 2 Date 6/16/12  
 Company Landmark Resources, Inc Elevation 3127 KB 3117 GL  
 Address 1616 S Voss Rd STE 600 Houston, Tx 77057  
 Co. Rep / Geo. Terry McLeod Rig Murkin #2  
 Location: Sec. 3 Twp. 17s Rge. 34w Co. Scott State KS

Interval Tested 4506-4625 Zone Tested Allamont - Ft. Scott  
 Anchor Length 119 Drill Pipe Run 4264 Mud Wt. 9.3  
 Top Packer Depth 4501 Drill Collars Run 234 Vis 55  
 Bottom Packer Depth 4506 Wt. Pipe Run 0 WL 7.2  
 Total Depth 4625 Chlorides 3400 ppm System LCM 2#

Blow Description IF! Surface blow, died @ 10 min.  
ISI! No return.  
FF! No blow  
FSI! No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</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 5 BHT 112 Gravity — API RW — @ — ° F Chlorides — ppm

(A) Initial Hydrostatic 2266  Test 1250 T-On Location 0740  
 (B) First Initial Flow 22  Jars T-Started 0922  
 (C) First Final Flow 24  Safety Joint 75 T-Open 1050  
 (D) Initial Shut-In 66  Circ Sub etc T-Pulled 1250  
 (E) Second Initial Flow 23  Hourly Standby T-Out 1548  
 (F) Second Final Flow 22  Mileage 37 Hr 60.45 Comments  
 (G) Final Shut-In 40  Sampler  
 (H) Final Hydrostatic 2127  Straddle  Ruined Shale Packer  
 Shale Packer  Ruined Packer 320  
 Extra Packer  Extra Copies  
 Extra Recorder Sub Total 320  
 Day Standby Total 1705.45  
 Accessibility MP/DST Disc't  
 Sub Total 1385.45

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.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 042331

Well Name & No. Decker #1-3 Test No. 3 Date 10/17/12  
 Company Landmark Resources, Inc Elevation 3127 KB 3117 GL  
 Address 1616 S. Voss Rd STE 600 Houston, Tx  
 Co. Rep / Geo. Terry McLeod Rig Murder #2  
 Location: Sec. 3 Twp. 17s Rge. 34w Co. Scott State Ks

Interval Tested 4616 - 4745 Zone Tested Johnson  
 Anchor Length 129 Drill Pipe Run 4380 Mud Wt. 9.2  
 Top Packer Depth 4611 Drill Collars Run 234 Vis 59  
 Bottom Packer Depth 4616 Wt. Pipe Run 0 WL 7.2  
 Total Depth 4745 Chlorides 5400 ppm System LCM 2<sup>#</sup>  
 Blow Description IFI Surface blow, chd @ 23 min  
ISI: No return.  
FF: No blow  
FSI: No return.

Rec	Feet of	%gas	%oil	%water	%mud
10	MUD			106	

Rec Total 10 BHT 114 Gravity — API RW — @ — ° F Chlorides — ppm

(A) Initial Hydrostatic <u>2324</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>0210</u>
(B) First Initial Flow <u>25</u>	<input type="checkbox"/> Jars <u>—</u>	T-Started <u>0235</u>
(C) First Final Flow <u>29</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>0449</u>
(D) Initial Shut-In <u>874</u>	<input checked="" type="checkbox"/> Circ Sub <u>H/C</u>	T-Pulled <u>0734</u>
(E) Second Initial Flow <u>30</u>	<input type="checkbox"/> Hourly Standby <u>—</u>	T-Out <u>0936</u>
(F) Second Final Flow <u>32</u>	<input checked="" type="checkbox"/> Mileage <u>60.45</u>	Comments <u>—</u>
(G) Final Shut-In <u>857</u>	<input type="checkbox"/> Sampler <u>—</u>	
(H) Final Hydrostatic <u>2231</u>	<input type="checkbox"/> Straddle <u>—</u>	
	<input type="checkbox"/> Shale Packer <u>—</u>	
Initial Open <u>30</u>	<input type="checkbox"/> Extra Packer <u>—</u>	
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Recorder <u>—</u>	
Final Flow <u>30</u>	<input type="checkbox"/> Day Standby <u>—</u>	
Final Shut-In <u>60</u>	<input type="checkbox"/> Accessibility <u>—</u>	
	Sub Total <u>1385.45</u>	

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.



PO Box 93999  
Southlake, TX 76092

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

# INVOICE

Invoice Number: 133234

Invoice Date: Oct 18, 2012

Page: 1



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

Customer ID	Well Name/ # of Customer P.O.	Payment Terms	
Land	Becker #1-3	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-03	Great Bend	Oct 18, 2012	11/17/12

Quantity	Item	Description	Unit Price	Amount
180.00	MAT	Class A Common	17.90	3,222.00
120.00	MAT	Pozmix	9.35	1,122.00
10.00	MAT	Gel	23.40	234.00
75.00	MAT	Flo Seal	2.97	222.75
321.66	SER	Cubic Feet	2.48	797.71
604.35	SER	Ton Mileage	2.60	1,571.31
1.00	SER	Rotary Plug	2,483.59	2,483.59
45.00	SER	Pump Truck Mileage	7.70	346.50
45.00	SER	Light Vehicle Mileage	4.40	198.00
1.00	CEMENTER	Tim Dickson		
1.00	EQUIP OPER	Joshua Isaac		
1.00	EQUIP OPER	Joel Monahan		

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

**\$ 3059.35**

ONLY IF PAID ON OR BEFORE  
**Nov 12, 2012**

Subtotal		10,197.86
Sales Tax		846.42
Total Invoice Amount	11,044.28	11,044.28
Payment/Credit Applied	3,059.35	
<b>TOTAL</b>		<b>11,044.28</b>

TOTAL Due

# ALLIED OIL & GAS SERVICES, LLC 059061

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: West Bend Va

DATE <u>10-18-12</u>	SEC. <u>3</u>	TWP. <u>17</u>	RANGE <u>34</u>	CALLED OUT <u>8:00 AM</u>	ON LOCATION <u>12:45 PM</u>	JOB START <u>1:15 PM</u>	JOB FINISH <u>4:00 PM</u>
LEASE <u>Decon</u>	WELL # <u>1-3</u>	LOCATION <u>Scott City DN to 95 Hwy</u>		COUNTY <u>Scott</u>	STATE <u>Kn</u>		
OLD OR (NEW) (Circle one)		<u>2NW to 270 Rd</u>			<u>2NW to 350 rd</u>	<u>1.03</u>	<u>8.3 all</u>

CONTRACTOR Murphy #2

TYPE OF JOB Plugging Plug

HOLE SIZE 7 1/8" T.D. 4879'

CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE 4 1/2" DEPTH 2470'

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS. \_\_\_\_\_

DISPLACEMENT \_\_\_\_\_

OWNER Some

CEMENT AMOUNT ORDERED 300 sacks @ 16/40 480 sack

1/4 # floreal per sack

COMMON	<u>180</u>	@ <u>17.90</u>	<u>3,222.00</u>
POZMIX	<u>120</u>	@ <u>9.35</u>	<u>1,122.00</u>
GEL	<u>10</u>	@ <u>23.40</u>	<u>234.00</u>
CHLORIDE		@	
ASC		@	
	<u>160 sack</u>	<u>75</u>	<u>2,970.00</u>
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>321.60</u>	@ <u>2.48</u>	<u>797.71</u>
MILEAGE	<u>13.43 x 45 x</u>	<u>2.60</u>	<u>1,571.31</u>
			TOTAL <u>7,169.72</u>

EQUIPMENT

PUMP TRUCK	CEMENTER <u>Tom Dickson 1</u>
# <u>378</u>	HELPER <u>Paul F. Seal 2</u>
BULK TRUCK	
# <u>482-112</u>	DRIVER <u>Paul Monahan 2</u>
BULK TRUCK	
# _____	DRIVER _____

REMARKS:

1st Plug - 50 sacks at 2470'

2nd Plug - 80 sacks at 1530'

3rd Plug - 50 sacks at 760'

4th Plug - 50 sacks at 370'

5th Plug - 20 sacks at 60'

Batched - 30 sacks

Maintenance - 20 sacks

T. Murphy

SERVICE

DEPTH OF JOB	<u>2470'</u>		
PUMP TRUCK CHARGE			<u>2483.59</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>Hvm 45</u>	@ <u>7.70</u>	<u>346.50</u>
MANIFOLD		@	
	<u>hvm 45</u>	@ <u>4.40</u>	<u>198.00</u>
		@	

CHARGE TO: Landmark Petroleum

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

TOTAL 3,628.09

PLUG & FLOAT EQUIPMENT

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

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.

TOTAL \_\_\_\_\_

SALES TAX (If Any) 816.42

TOTAL CHARGES 10,197.86

DISCOUNT 30% 3,059.35

IF PAID IN 30 DAYS

7,138.51

PRINTED NAME Robert W. Mickelson

SIGNATURE Robert W. Mickelson