

Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1259264  
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
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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: \_\_\_\_\_

1259264



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

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
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<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> <i>(Submit ACO-4)</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	Wesseler 2-28
Doc ID	1259264

All Electric Logs Run

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

Form	ACO1 - Well Completion
Operator	Landmark Resources, Inc.
Well Name	Wesseler 2-28
Doc ID	1259264

Tops

Name	Top	Datum
Anhydrite	2451	696
B/Anhydrite	2470	677
Topeka	3764	-617
Heebner	3999	-852
Toronto	4015	-868
Lansing	4046	-899
C	4087	-940
D	4101	-954
E	4146	-9999
F	4154	-1007
G	4174	-1027
Muncie Creek	4228	-1081
H	4238	-1091
I	4273	-1126
J	4301	-1154
Stark Shale	4324	-1177
K	4338	-1191
L	4384	-1237
BKC	4411	-1264
Marmaton	4467	-1320
Altamont	-4494	-1347
Pawnee	4543	-1396
Myrick Station	4587	-1440
Fort Scott	4598	-1451

Form	ACO1 - Well Completion
Operator	Landmark Resources, Inc.
Well Name	Wesseler 2-28
Doc ID	1259264

Tops

Name	Top	Datum
Cherokee	4624	-1477
Johnson Zone	4668	-1521
Morrow Shale	4747	-1600
Upper Morrow Shale	4780	-1633
Missippian	4793	-1646





P.O. Box 205803  
Dallas, TX 75320-5803

Voice: (832) 482-3742  
Fax: (832) 482-3738

PAID JUL 07 2015  
CHK# 48500  
\$ 52,745.57

# INVOICE

Invoice Number: 149932  
Invoice Date: Jun 19, 2015  
Page: 1

Federal Tax I.D.#: 20-8651475

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

RECEIVED  
JUN 30 ENT'D

Customer ID	Field Ticket #	Payment Terms	
Land	64747	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Jun 19, 2015	7/19/15

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Wesseler #2-28		
282.00	CEMENT MATERIALS	Gel	0.50	141.00
150.00	CEMENT MATERIALS	ASC	23.50	3,525.00
450.00	CEMENT MATERIALS	Light Weight	19.88	8,946.00
846.00	CEMENT MATERIALS	Gilsonite	0.98	829.08
42.00	CEMENT MATERIALS	FL-160	18.90	793.80
20.00	CEMENT MATERIALS	Defoamer	8.45	169.00
12.00	CEMENT MATERIALS	Super Flush	41.09	493.08
688.62	CEMENT SERVICE	Cubic Feet Charge	2.48	1,707.78
1,313.09	CEMENT SERVICE	Ton Mileage Charge	2.75	3,611.00
1.00	CEMENT SERVICE	Production -- Bottom Stage	2,765.75	2,765.75
1.00	CEMENT SERVICE	Production -- Top Stage	2,443.75	2,443.75
45.00	CEMENT SERVICE	Pump Truck Mileage	7.70	346.50
1.00	CEMENT SERVICE	Rotating Head Rental	475.00	475.00
45.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	198.00
1.00	EQUIPMENT SALES	5-1/2 AFU Float Shoe	545.00	545.00
1.00	EQUIPMENT SALES	5-1/2 Latch Down Plug Assembly	660.00	660.00
1.00	EQUIPMENT SALES	5-1/2 D V Tool	5,335.00	5,335.00
4.00	EQUIPMENT SALES	5-1/2 Basket	395.00	1,580.00
14.00	EQUIPMENT SALES	5-1/2 Turbolizer	95.00	1,330.00
1.00	CEMENT SUPERVISOR	Andrew Forslund		

23550

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

\$ 13,640.05

ONLY IF PAID ON OR BEFORE

Jul 19, 2015

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



P.O. Box 205803  
Dallas, TX 75320-5803

Voice: (832) 482-3742  
Fax: (832) 482-3738

# INVOICE

Invoice Number: 149932

Invoice Date: Jun 19, 2015

Page: 2

RECEIVED

JUN 30 ENT'D

Federal Tax I.D.#: 20-8651475

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

Customer ID	Field Ticket #	Payment Terms	
Land	64747	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Jun 19, 2015	7/19/15

Quantity	Item	Description	Unit Price	Amount
1.00	CEMENT SUPERVISOR	Paul Beaver		
1.00	EQUIPMENT OPERATOR	Brandon Wilkinson		
1.00	EQUIPMENT OPERATOR	Darren Racette		

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

\$ 13,640.05

ONLY IF PAID ON OR BEFORE

Jul 19, 2015

Subtotal		35,894.74
Sales Tax		1,984.28
Total Invoice Amount	37,879.02 +	37,879.02
Payment/Credit Applied	13,640.05 -	
<b>TOTAL</b>	000	<b>37,879.02</b>

24,238.97\*



# ALLIED OIL & GAS SERVICES, LLC 064747

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:  
Oakley

DATE <u>6-19-15</u>	SEC <u>28</u>	TWP. <u>16</u>	RANGE <u>34</u>	CALLED OUT	ON LOCATION <u>5:00 AM</u>	JOB START <u>2:30 PM</u>	JOB FINISH <u>4:00 PM</u>
LEASE <u>Wesseler</u>	WELL# <u>2-28</u>	LOCATION <u>Pence 1345 V4W</u>	COUNTY <u>Scott</u>	STATE <u>KS</u>			
OLD OR NEW (Circle one) <u>NEW</u>			<u>into</u>				

CONTRACTOR <u>Murfin 21</u>	OWNER <u>same</u>
TYPE OF JOB <u>Production</u>	
HOLE SIZE <u>7 7/8</u>	T.D. <u>4865'</u>
CASING SIZE <u>5 1/2</u>	DEPTH <u>4856.59'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL <u>OV</u>	DEPTH <u>2411'</u>
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT <u>42.04'</u>
CEMENT LEFT IN CSG. <u>42.04'</u>	
PERFS. <u>Bottom</u>	<u>TOP</u>
DISPLACEMENT <u>114.58 BBL</u>	<u>52.38 BBL</u>

EQUIPMENT	
PUMP TRUCK # <u>485-281</u>	CEMENTER <u>Andrew Forslund</u>
BULK TRUCK # <u>890</u>	DRIVER <u>Branden Wilkinson</u>
BULK TRUCK # <u>891</u>	DRIVER <u>Darren Racette</u>

**REMARKS:**  
 Pump 12 BBL super flush, mix 150 sks ASC.  
 Wash pump and line clean, release plug, start  
 Displacement, 600# lift pressure 1300# load  
 Plug, float held, open dr tool, 800#. Plug  
 mouse hole, 20 sks Rathole, 30 sks, mix 40 sks  
 Lite down casing - wash pump and line  
 clean, release plug and displace, 800#  
 lift, dr tool did not want to close, 2300#  
 closed, cement did circulate.  
 Thank you

CEMENT	AMOUNT ORDERED	PRICE	TOTAL
150 sks ASC	108 sks	29.96	
6" Gilsonite	FL-100	14.80	
450 sks Lite	V4 Flo-seal	12.00	
	12 BBL Super Flush		
COMMON	@		
POZMIX	@		
GEL	282#	@ 2.50	141.00
CHLORIDE	@		
ASC	150 sks	@ 23.50	3525.00
Lite	450 sks	@ 19.88	8946.00
Gilsonite	108#	@ 2.98	321.84
FL-100	42#	@ 18.80	793.80
Flo-seal		@	
Deformer	20#	@ 8.45	169.00
Super Flush	12 BBL	@ 41.09	493.08
HANDLING	688.62 cu ft	@ 2.48	1707.77
MILEAGE	2.25 Trip/mile	29.18	66.11
Material TOTAL			14,896.88
(5,660.81 / 38%)		SERVICE	

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

DEPTH OF JOB	<u>4856.59'</u>
PUMP TRUCK CHARGE	<u>2715.75</u>
EXTRA FOOTAGE	@
MILEAGE	<u>45 miles</u>
MANIFOLD Notating head	@
Light vehicle	@

(4,388.16 / 38%) TOTAL 11,547.79

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 [Signature]  
 SIGNATURE [Signature]

PLUG & FLOAT EQUIPMENT	
1 API Float shoe	@ 545.00
1 Latch down Plug Assy	@ 660.00
1 OV TOOL	@ 5335.00
4 Baskets	@ 295.00
14 Turbolizers	@ 95.00

(3591.00 / 38%) TOTAL 9,450.00

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES 35,894.67  
 DISCOUNT 13,639.97 (38%) IF PAID IN 30 DAYS  
22,254.69 Net.



P.O. Box 205803  
Dallas, TX 75320-5803

Voice: (832) 482-3742  
Fax: (832) 482-3738

# INVOICE

Invoice Number: 149844  
Invoice Date: Jun 11, 2015  
Page: 1

PAID JUL 07 2015  
CK# 48500  
\$ 52,245.57

Federal Tax I.D.#: 20-8651475

**Bill To:**

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

Customer ID	Field Ticket #	Payment Terms	
Land	64742	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Jun 11, 2015	7/11/15

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Wesseler #2-28		
185.00	CEMENT MATERIALS	Class A Common	17.90	3,311.50
522.00	CEMENT MATERIALS	Chloride	1.10	574.20
194.25	CEMENT SERVICE	Cubic Feet Charge	2.48	481.74
403.20	CEMENT SERVICE	Ton Mileage Charge	2.75	1,108.80
1.00	CEMENT SERVICE	Surface	1,512.25	1,512.25
45.00	CEMENT SERVICE	Pump Truck Mileage	7.70	346.50
1.00	CEMENT SERVICE	Swedge Manifold Rental	275.00	275.00
45.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	198.00
1.00	CEMENT SUPERVISOR	Andrew Forslund		
1.00	EQUIPMENT OPERATOR	Darren Racette		
1.00	OPERATOR ASSISTANT	Cory Brown		

71730

APPROVED JUN 29 2015

\$ 5,180.63

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

\$ 2,967.03

ONLY IF PAID ON OR BEFORE

Jul 11, 2015

Subtotal	7,807.99
Sales Tax	316.68
Total Invoice Amount	8,124.67
Payment/Credit Applied	
<b>TOTAL</b>	<b>8,124.67</b>







## DRILL STEM TEST REPORT

Prepared For: **Landmark Resources Inc.**

1616 S. Voss Rd. Suite 600  
Houston, TX 77057

ATTN: Terry McLeod

### **Wesseler #28-2**

### **S28-16s-34w Scott,KS**

Start Date: 2015.06.15 @ 11:18:00

End Date: 2015.06.15 @ 18:55:09

Job Ticket #: 61690                      DST #: 1

Trilobite Testing, Inc  
1515 Commerce Parkway Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.06.19 @ 09:50:18

Landmark Resources Inc. S28-16s-34w Scott,KS Wesseler #28-2 DST # 1 LKC "1" 2015.06.15



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Landmark Resources Inc.

**S28-16s-34w Scott,KS**

1616 S. Voss Rd. Suite 600  
Houston, TX 77057

**Wesseler #28-2**

Job Ticket: 61690

**DST#: 1**

ATTN: Terry McLeod

Test Start: 2015.06.15 @ 11:18:00

## GENERAL INFORMATION:

Formation: **LKC "I"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:46:10

Time Test Ended: 18:55:09

Test Type: Conventional Bottom Hole (Initial)

Tester: Chuck Smith

Unit No: 61

**Interval: 4260.00 ft (KB) To 4295.00 ft (KB) (TVD)**

Reference Elevations: 3147.00 ft (KB)

Total Depth: 4295.00 ft (KB) (TVD)

3136.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

**Serial #: 8357**

**Inside**

Press@RunDepth: 106.76 psig @ 4263.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.06.15

End Date:

2015.06.15

Last Calib.: 2015.06.15

Start Time: 11:18:02

End Time:

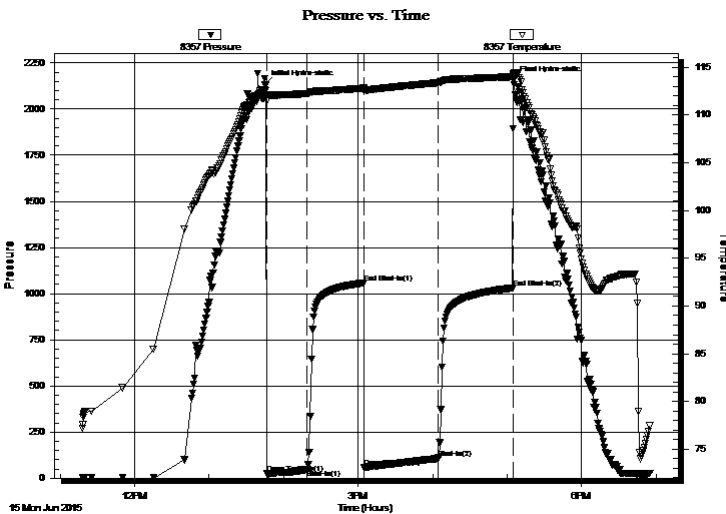
18:55:10

Time On Btm: 2015.06.15 @ 13:45:10

Time Off Btm: 2015.06.15 @ 17:05:09

**TEST COMMENT:** 30- 3" Blow .  
45- No return.  
60- Surface blow .  
60- No return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2134.49	112.59	Initial Hydro-static
1	24.59	111.46	Open To Flow (1)
34	46.85	112.24	Shut-In(1)
80	1057.98	112.82	End Shut-In(1)
80	58.45	112.59	Open To Flow (2)
140	106.76	113.38	Shut-In(2)
200	1030.88	114.01	End Shut-In(2)
200	2157.16	114.33	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
245.00	GMCO 10g 15m 75o	1.20

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Landmark Resources Inc.

**S28-16s-34w Scott,KS**

1616 S. Voss Rd. Suite 600  
Houston, TX 77057

**Wesseler #28-2**

Job Ticket: 61690

**DST#: 1**

ATTN: Terry McLeod

Test Start: 2015.06.15 @ 11:18:00

## Tool Information

Drill Pipe:	Length: 4021.00 ft	Diameter: 3.80 inches	Volume: 56.40 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 245.00 ft	Diameter: 2.25 inches	Volume: 1.20 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 57.60 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.50 ft			String Weight: Initial 78000.00 lb
Depth to Top Packer:	4260.00 ft			Final 78000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	35.00 ft			
Tool Length:	57.50 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			4238.50	
Shut In Tool	5.00			4243.50	
Hydraulic tool	5.00			4248.50	
Safety Joint	2.50			4251.00	
Packer	5.00			4256.00	22.50 Bottom Of Top Packer
Packer	4.00			4260.00	
Packer - Shale	0.00			4260.00	
Stubb	1.00			4261.00	
Perforations	2.00			4263.00	
Recorder	0.00	8357	Inside	4263.00	
Recorder	0.00	6751	Outside	4263.00	
Perforations	29.00			4292.00	
Bullnose	3.00			4295.00	35.00 Bottom Packers & Anchor

**Total Tool Length: 57.50**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Landmark Resources Inc.

**S28-16s-34w Scott,KS**

1616 S. Voss Rd. Suite 600  
Houston, TX 77057

**Wesseler #28-2**

Job Ticket: 61690

**DST#: 1**

ATTN: Terry McLeod

Test Start: 2015.06.15 @ 11:18:00

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

22 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbl

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

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4900.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
245.00	GMCO 10g 15m 75o	1.205

Total Length: 245.00 ft      Total Volume: 1.205 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

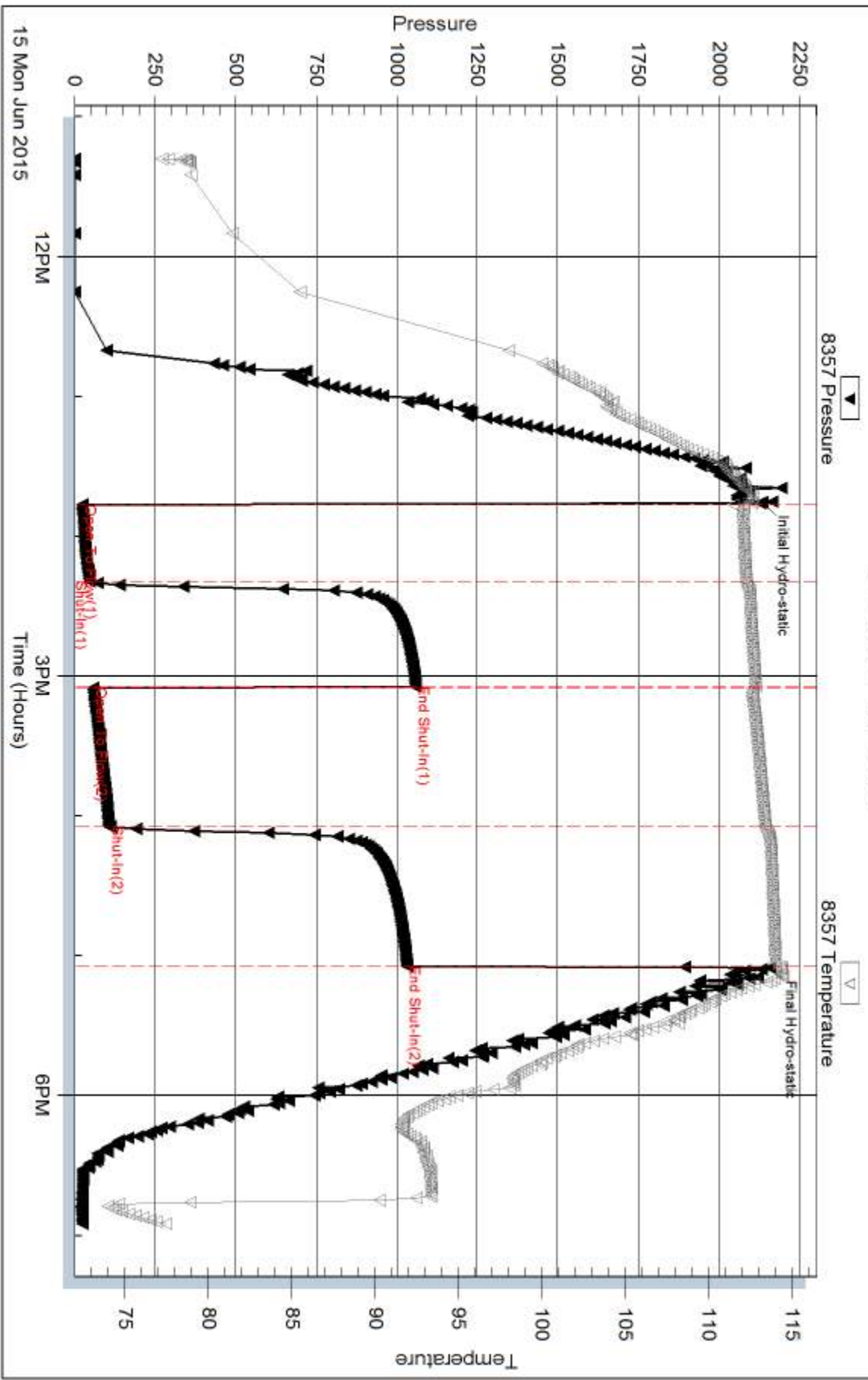
Laboratory Name:

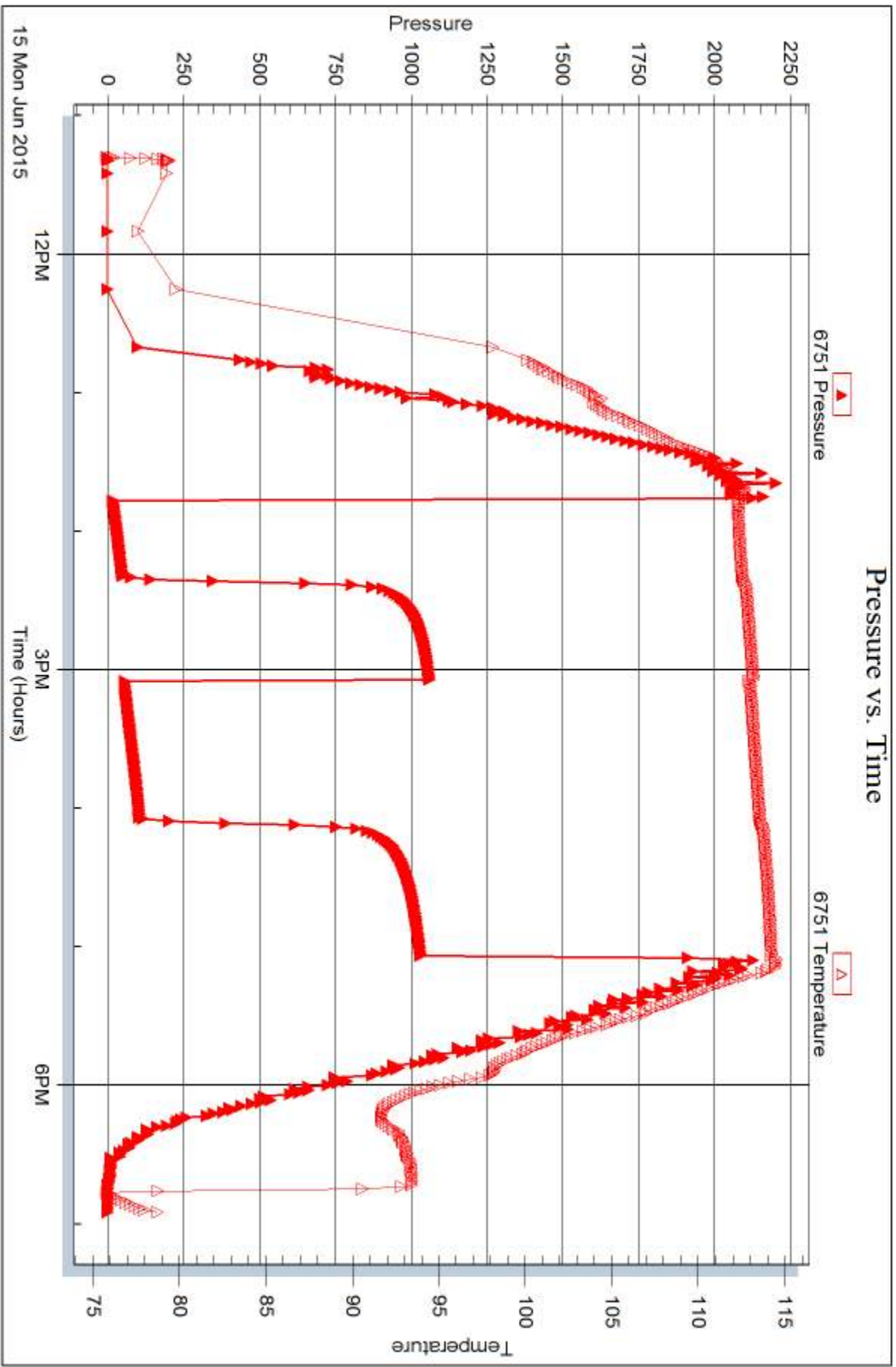
Laboratory Location:

Recovery Comments: API: 26 @ 100 Degrees F = 22.



### Pressure vs. Time







## DRILL STEM TEST REPORT

Prepared For: **Landmark Resources Inc.**

1616 S. Voss Rd. Suite 600  
Houston, TX 77057

ATTN: Terry McLeod

### **Wesseler #28-2**

### **S28-16s-34w Scott,KS**

Start Date: 2015.06.16 @ 12:40:00

End Date: 2015.06.16 @ 20:47:39

Job Ticket #: 61691                      DST #: 2

Trilobite Testing, Inc  
1515 Commerce Parkway Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.06.19 @ 09:49:40



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Landmark Resources Inc.

**S28-16s-34w Scott,KS**

1616 S. Voss Rd. Suite 600  
Houston, TX 77057

**Wesseler #28-2**

Job Ticket: 61691

**DST#: 2**

ATTN: Terry McLeod

Test Start: 2015.06.16 @ 12:40:00

## GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:25:10

Time Test Ended: 20:47:39

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 61

**Interval: 4467.00 ft (KB) To 4492.00 ft (KB) (TVD)**

Reference Elevations: 3147.00 ft (KB)

Total Depth: 4492.00 ft (KB) (TVD)

3136.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

**Serial #: 8357**

**Inside**

Press@RunDepth: 345.50 psig @ 4469.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.06.16

End Date:

2015.06.16

Last Calib.:

2015.06.16

Start Time: 12:40:02

End Time:

20:47:40

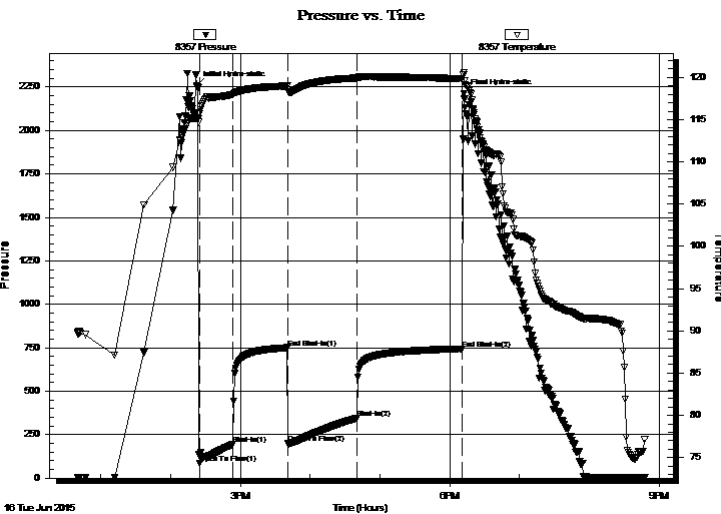
Time On Btm:

2015.06.16 @ 14:22:30

Time Off Btm:

2015.06.16 @ 18:12:09

TEST COMMENT: 30- B.O.B. @ 6 min.  
45- 8" Return.  
60- B.O.B. @ 10 min.  
90- B.O.B. @ 34 min.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2258.23	115.16	Initial Hydro-static
3	85.61	115.73	Open To Flow (1)
32	194.88	118.00	Shut-In(1)
78	750.56	118.95	End Shut-In(1)
79	198.03	118.58	Open To Flow (2)
138	345.50	119.92	Shut-In(2)
229	744.19	119.83	End Shut-In(2)
230	2212.79	120.59	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	496' GIP	0.00
61.00	GMCO 10g 10m 80o	0.30
990.00	GO 25g 75o	12.21

\* Recovery from multiple tests

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Landmark Resources Inc.

**S28-16s-34w Scott,KS**

1616 S. Voss Rd. Suite 600  
Houston, TX 77057

**Wesseler #28-2**

Job Ticket: 61691

**DST#: 2**

ATTN: Terry McLeod

Test Start: 2015.06.16 @ 12:40:00

## Tool Information

Drill Pipe:	Length: 4210.00 ft	Diameter: 3.80 inches	Volume: 59.06 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 245.00 ft	Diameter: 2.25 inches	Volume: 1.20 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 60.26 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.50 ft			String Weight: Initial 80000.00 lb
Depth to Top Packer:	4467.00 ft			Final 82000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	47.50 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			4445.50	
Shut In Tool	5.00			4450.50	
Hydraulic tool	5.00			4455.50	
Safety Joint	2.50			4458.00	
Packer	5.00			4463.00	22.50 Bottom Of Top Packer
Packer	4.00			4467.00	
Packer - Shale	0.00			4467.00	
Stubb	1.00			4468.00	
Perforations	1.00			4469.00	
Recorder	0.00	8357	Inside	4469.00	
Recorder	0.00	6751	Outside	4469.00	
Perforations	20.00			4489.00	
Bullnose	3.00			4492.00	25.00 Bottom Packers & Anchor

**Total Tool Length: 47.50**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Landmark Resources Inc.

**S28-16s-34w Scott,KS**

1616 S. Voss Rd. Suite 600  
Houston, TX 77057

**Wesseler #28-2**

Job Ticket: 61691

**DST#: 2**

ATTN: Terry McLeod

Test Start: 2015.06.16 @ 12:40:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

29 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.96 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4600.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	496' GIP	0.000
61.00	GMCO 10g 10m 80o	0.300
990.00	GO 25g 75o	12.211

Total Length: 1051.00 ft      Total Volume: 12.511 bbl

Num Fluid Samples: 0

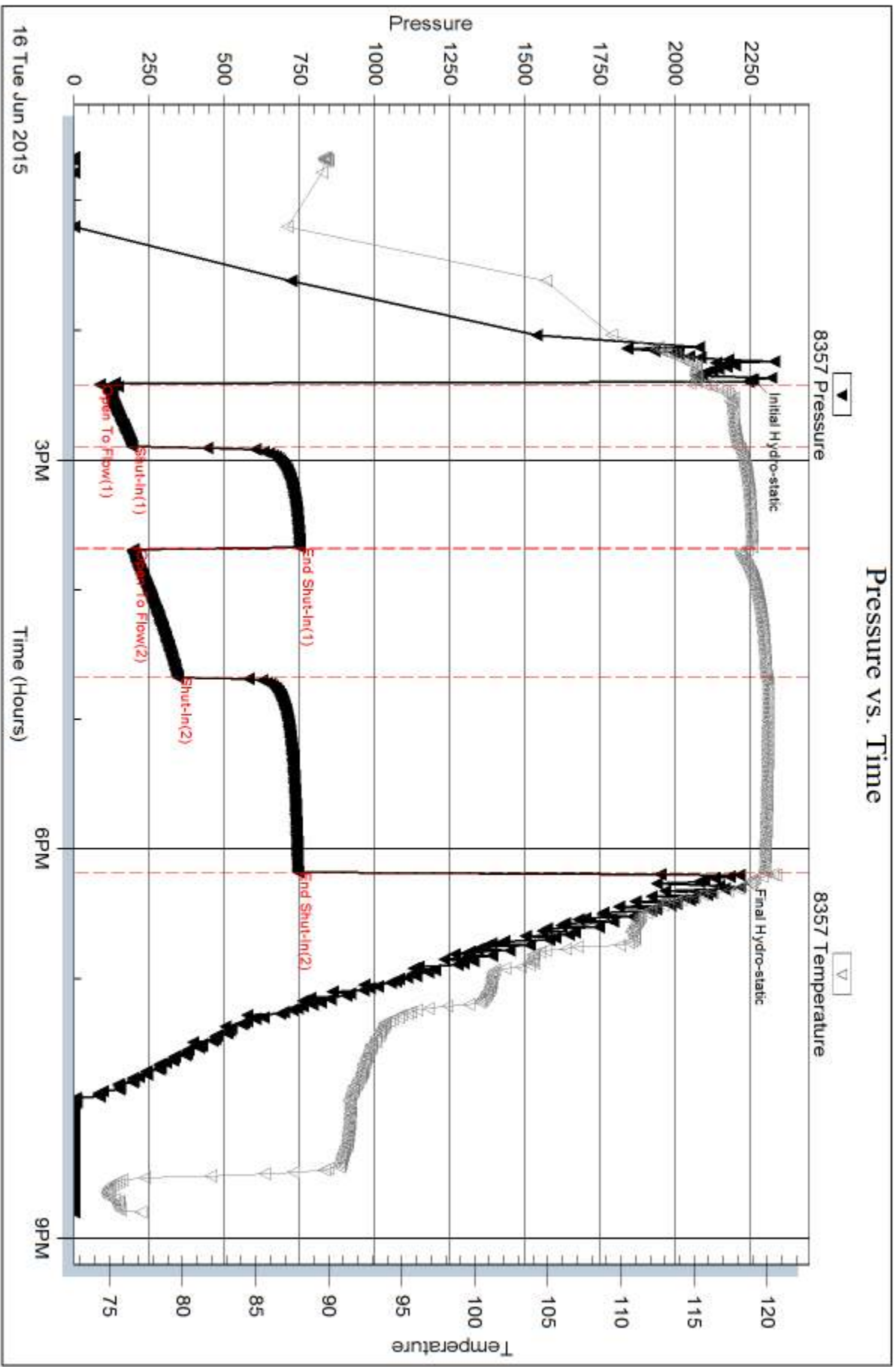
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API: 31 @ 80 Degrees F = 29.



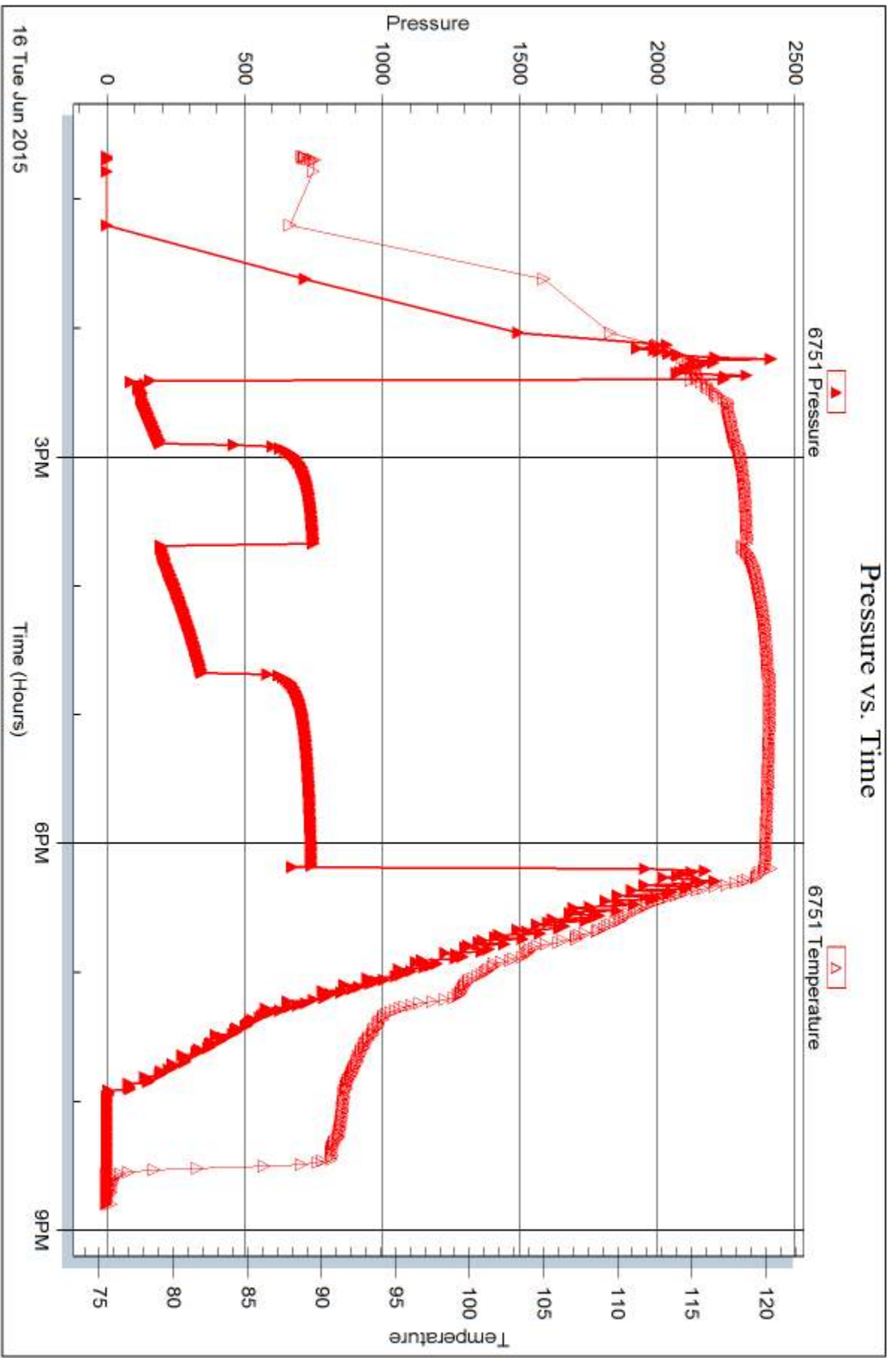


Serial #: 6751

Outside Landmark Resources Inc.

Wesseler #28-2

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 61691

Printed: 2015.06.19 @ 09:49:42



## DRILL STEM TEST REPORT

Prepared For: **Landmark Resources Inc.**

1616 S. Voss Rd. Suite 600  
Houston, TX 77057

ATTN: Terry McLeod

### **Wesseler #28-2**

### **S28-16s-34w Scott,KS**

Start Date: 2015.06.17 @ 05:10:00

End Date: 2015.06.17 @ 13:46:00

Job Ticket #: 61692                      DST #: 3

Trilobite Testing, Inc  
1515 Commerce Parkway Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.06.19 @ 09:23:05



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Landmark Resources Inc.

**S28-16s-34w Scott,KS**

1616 S. Voss Rd. Suite 600  
Houston, TX 77057

**Wesseler #28-2**

Job Ticket: 61692

**DST#: 3**

ATTN: Terry McLeod

Test Start: 2015.06.17 @ 05:10:00

## GENERAL INFORMATION:

Formation: **Altamont**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:27:40

Time Test Ended: 13:46:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 61

**Interval: 4492.00 ft (KB) To 4540.00 ft (KB) (TVD)**

Reference Elevations: 3147.00 ft (KB)

Total Depth: 4540.00 ft (KB) (TVD)

3136.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

**Serial #: 8357**

**Inside**

Press@RunDepth: 269.29 psig @ 4494.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.06.17

End Date:

2015.06.17

Last Calib.:

2015.06.17

Start Time: 05:10:02

End Time:

13:46:00

Time On Btm:

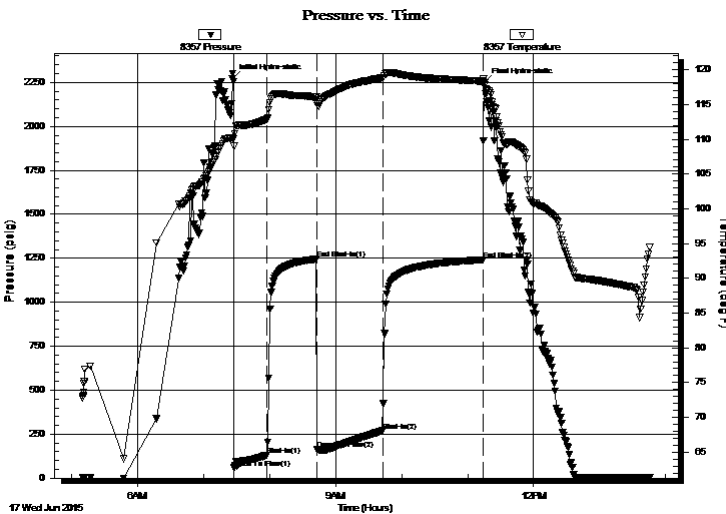
2015.06.17 @ 07:26:00

Time Off Btm:

2015.06.17 @ 11:15:20

TEST COMMENT: 30- B.O.B. @ 7 min.  
45- B.O.B. @ 13 min.  
60- B.O.B. @ 7 1/2 min.  
90- B.O.B. @ 20 min.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2271.31	110.26	Initial Hydro-static
2	58.47	108.99	Open To Flow (1)
32	131.97	112.93	Shut-In(1)
77	1246.04	116.08	End Shut-In(1)
77	163.03	115.36	Open To Flow (2)
137	269.29	118.85	Shut-In(2)
228	1241.63	118.36	End Shut-In(2)
230	2249.13	117.92	Final Hydro-static

## Recovery

## Gas Rates

Length (ft)	Description	Volume (bbl)
0.00	2344' GIP	0.00
122.00	GMCO 30g 20m 50o	0.60
592.00	GO 30g 70o	7.18

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

\* Recovery from multiple tests





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Landmark Resources Inc.

**S28-16s-34w Scott,KS**

1616 S. Voss Rd. Suite 600  
Houston, TX 77057

**Wesseler #28-2**

Job Ticket: 61692

**DST#: 3**

ATTN: Terry McLeod

Test Start: 2015.06.17 @ 05:10:00

## Tool Information

Drill Pipe:	Length: 4240.00 ft	Diameter: 3.80 inches	Volume: 59.48 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 245.00 ft	Diameter: 2.25 inches	Volume: 1.20 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 60.68 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.50 ft			String Weight: Initial 80000.00 lb
Depth to Top Packer:	4492.00 ft			Final 84000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	48.00 ft			
Tool Length:	70.50 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			4470.50	
Shut In Tool	5.00			4475.50	
Hydraulic tool	5.00			4480.50	
Safety Joint	2.50			4483.00	
Packer	5.00			4488.00	22.50 Bottom Of Top Packer
Packer	4.00			4492.00	
Stubb	1.00			4493.00	
Packer - Shale	0.00			4493.00	
Perforations	1.00			4494.00	
Recorder	0.00	8357	Inside	4494.00	
Recorder	0.00	6751	Outside	4494.00	
Perforations	9.00			4503.00	
Change Over Sub	1.00			4504.00	
Drill Pipe	32.00			4536.00	
Change Over Sub	1.00			4537.00	
Bullnose	3.00			4540.00	48.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>70.50</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Landmark Resources Inc.

**S28-16s-34w Scott,KS**

1616 S. Voss Rd. Suite 600  
Houston, TX 77057

**Wesseler #28-2**

Job Ticket: 61692

**DST#: 3**

ATTN: Terry McLeod

Test Start: 2015.06.17 @ 05:10:00

## 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:

ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

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

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 2.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	2344' GIP	0.000
122.00	GMCO 30g 20m 50o	0.600
592.00	GO 30g 70o	7.184

Total Length: 714.00 ft      Total Volume: 7.784 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API: 40 @ 100 Degrees F = 36.

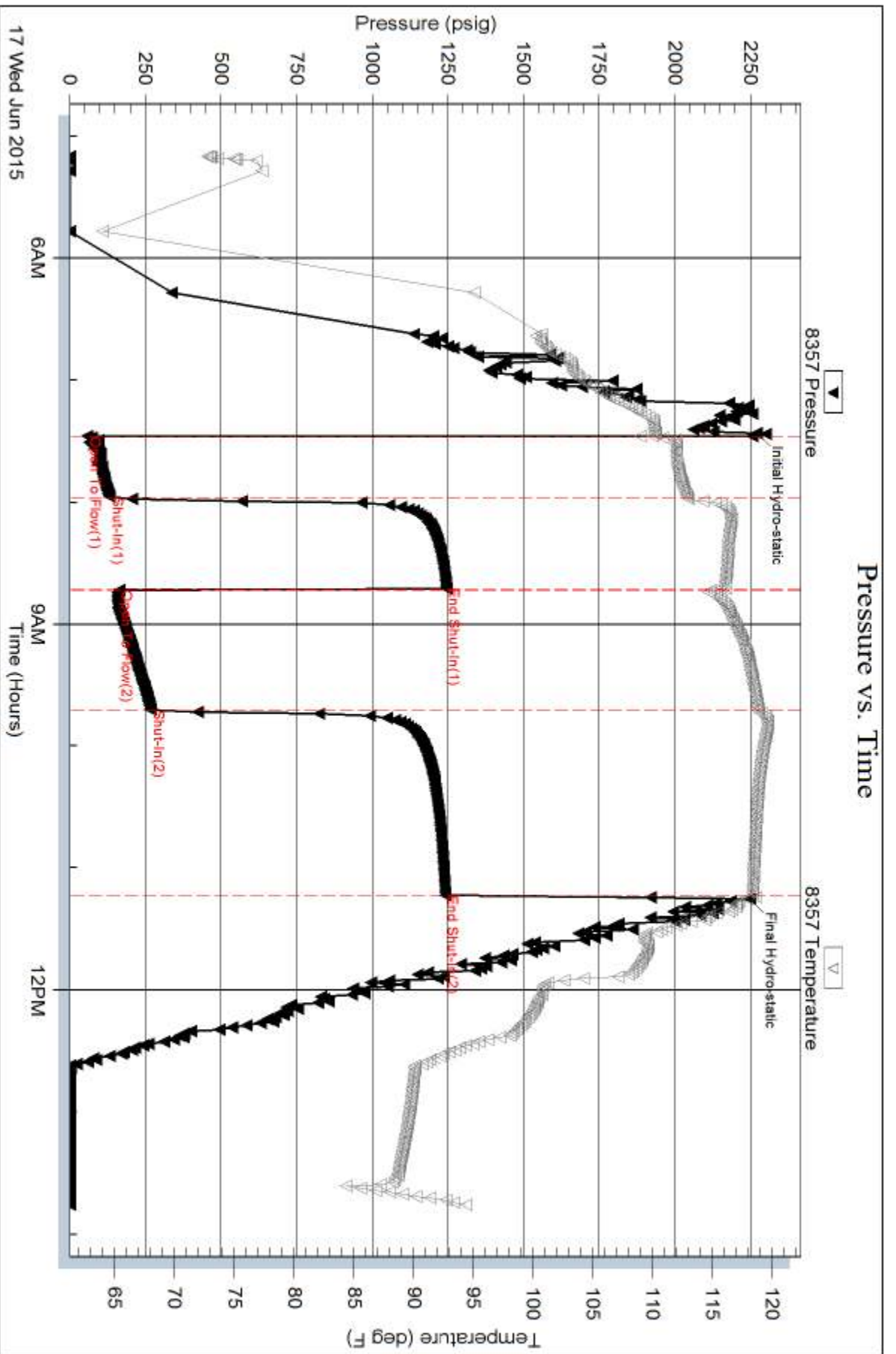
Serial #: 8357

Inside

Landmark Resources Inc.

Wesseler #28-2

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 61692

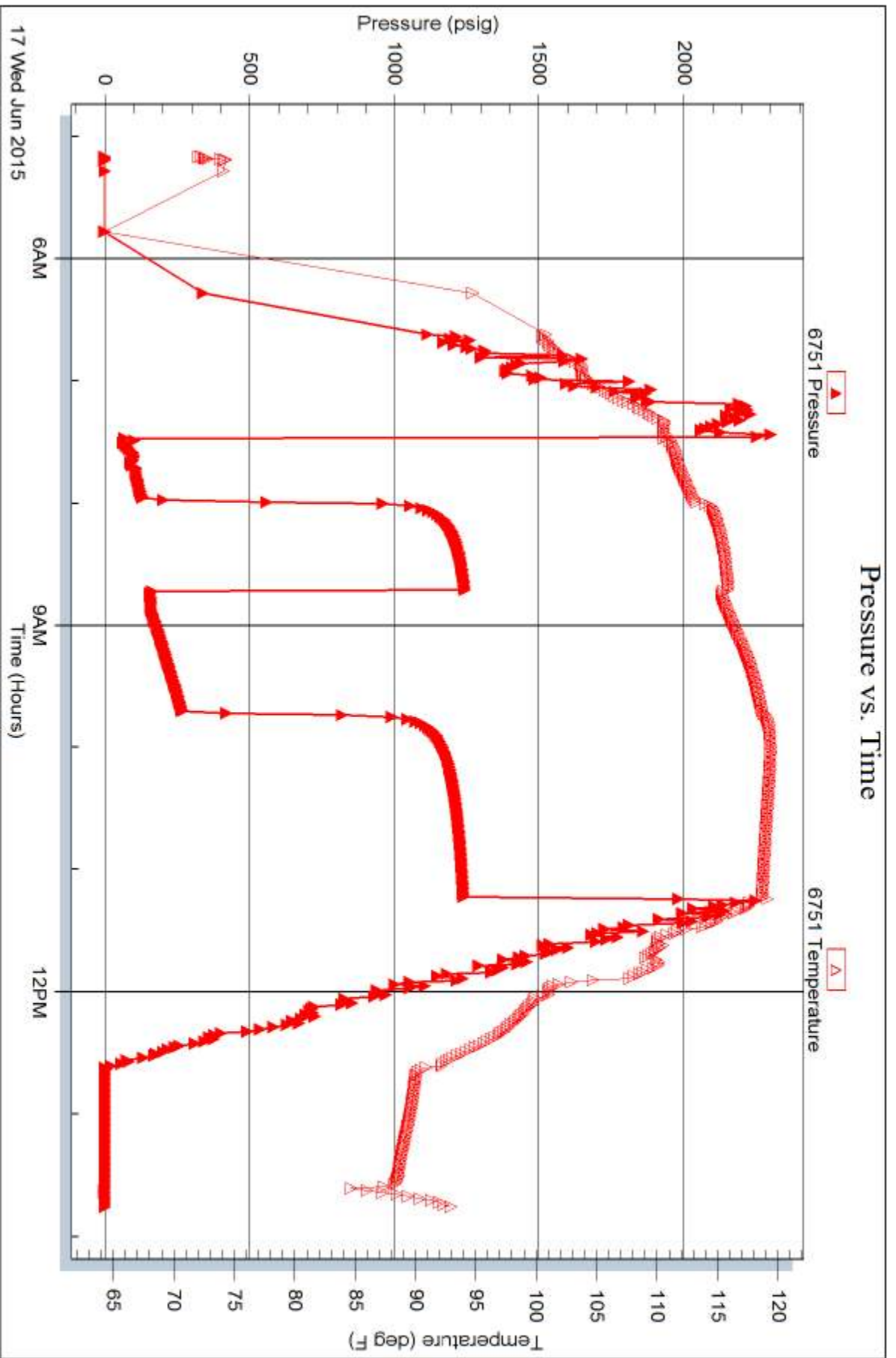
Printed: 2015.06.19 @ 09:23:07

Serial #: 6751

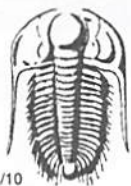
Outside Landmark Resources Inc.

Wesseler #28-2

DST Test Number: 3







# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 61690 22495

Well Name & No. Wesseler #2-28 Test No. 1 Date 6-15-15  
 Company Landmark Resources Inc. Elevation 3147 KB 3136 GL  
 Address 1616 & Voss Rd STE 600 Houston, TX 77057  
 Co. Rep / Geo. Terry McLeod Rig MDC #21  
 Location: Sec. 28 Twp. 16s Rge. 34w Co. Scott State Ks

Interval Tested 4260-4295 Zone Tested LKC 'I'  
 Anchor Length 35 Drill Pipe Run 4021 Mud Wt. 9.3  
 Top Packer Depth 4256 Drill Collars Run 245 Vis 50  
 Bottom Packer Depth 4260 Wt. Pipe Run 0 WL 9.6  
 Total Depth 4295 Chlorides 4900 ppm System LCM 2<sup>#</sup>  
 Blow Description 3' Blow  
No return.  
Surface blow.  
No return.

Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>245</u>	Feet of <u>6 MCO</u>	<u>10</u>	<u>75</u>	<u>15</u>	<u>15</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 245 BHT 114 Gravity 22 API RW @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 2134  Test 1150 T-On Location 9:45  
 (B) First Initial Flow 25  Jars \_\_\_\_\_ T-Started 11:18  
 (C) First Final Flow 47  Safety Joint 75 T-Open 13:45  
 (D) Initial Shut-In 1058  Circ Sub NIC T-Pulled 17:05  
 (E) Second Initial Flow 58  Hourly Standby \_\_\_\_\_ T-Out 18:55  
 (F) Second Final Flow 107  Mileage 50 RT 50  
 (G) Final Shut-In 1031  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2157  Straddle \_\_\_\_\_  
 Ruined Shale Packer \_\_\_\_\_  
 Ruined Packer \_\_\_\_\_  
 Extra Copies \_\_\_\_\_  
 Initial Open 30  Shale Packer 250  
 Initial Shut-In 45  Extra Packer \_\_\_\_\_  
 Final Flow 60  Extra Recorder \_\_\_\_\_  
 Final Shut-In 60  Day Standby \_\_\_\_\_  
 Accessibility \_\_\_\_\_  
 Sub Total 1525 Sub Total 1525  
 Total 1525 MP/DST Disc't \_\_\_\_\_

Approved By Terry L. McLeod Our Representative Chuck Amick

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. 61691

Well Name & No. Wesseler #2-28 Test No. 2 Date 6-16-15  
 Company Landmark Resources Inc. Elevation 3147 KB 3136 GL  
 Address 1616 & Voss Rd. STE 600 Houston, TX 77057  
 Co. Rep / Geo. Terry McLeod Rig M.D.C. #21  
 Location: Sec. 28 Twp. 16s Rge. 34w Co. Scott State KS

Interval Tested 4467-4492 Zone Tested Marmaton  
 Anchor Length 25 Drill Pipe Run 4210 Mud Wt. 9.3  
 Top Packer Depth 4463 Drill Collars Run 245 Vis 60  
 Bottom Packer Depth 4467 Wt. Pipe Run 0 WL 8.0  
 Total Depth 4492 Chlorides 4600 ppm System LCM 2"  
 Blow Description B.O.B. @ 6 min.  
8" Return.  
B.O.B. @ 10 min.  
B.O.B. @ 34 min.

Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>990</u>	Feet of <u>60</u>	<u>25</u> %gas	<u>75</u> %oil	%water	%mud
Rec <u>61</u>	Feet of <u>EMCO</u>	<u>10</u> %gas	<u>80</u> %oil	%water	<u>10</u> %mud
Rec	Feet of <u>496' GIP</u>	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 1051 BHT 120 Gravity 29 API RW @ °F Chlorides ppm  
 (A) Initial Hydrostatic 2258  Test 1150 T-On Location 12:25  
 (B) First Initial Flow 86  Jars T-Started 12:40  
 (C) First Final Flow 195  Safety Joint 75 T-Open 14:25  
 (D) Initial Shut-In 751  Circ Sub NIC T-Pulled 18:11  
 (E) Second Initial Flow 198  Hourly Standby T-Out 20:48  
 (F) Second Final Flow 346  Mileage SDRT 50 Comments  
 (G) Final Shut-In 744  Sampler  
 (H) Final Hydrostatic 2213  Straddle  
 Shale Packer 250  Ruined Shale Packer  
 Extra Packer  Ruined Packer  
 Extra Recorder  Extra Copies  
 Sub Total 0  
 Total 1525  
 MP/DST Disc't  
 Sub Total 1525

Initial Open 30  
 Initial Shut-In 45  
 Final Flow 60  
 Final Shut-In 90  
 Approved By Terry McLeod Our Representative Chuck Smith

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. 61692

Well Name & No. Wesseler #2-28 Test No. 3 Date 6-17-15  
 Company Landmark Resources Inc. Elevation 3147 KB 3136 GL  
 Address 11616 & Voss Rd. STE 600 Houston, TX 77057  
 Co. Rep / Geo. Terry McLeod Rig M.D.C. #21  
 Location: Sec. 28 Twp. 16s Rge. 34w Co. Scott State KS

Interval Tested 4492-4540 Zone Tested Altamont  
 Anchor Length 48 Drill Pipe Run 4240 Mud Wt. 9.1  
 Top Packer Depth 4488 Drill Collars Run 245 Vis 60/72  
 Bottom Packer Depth 4492 Wt. Pipe Run 0 WL 8.8  
 Total Depth 4540 Chlorides 6000 ppm System LCM 2"  
 Blow Description B.O.B. @ 7 min.  
B.O.B. @ 13 min.  
B.O.B. @ 7 1/2 min.  
B.O.B. @ 20 min.

Rec	Feet of	%gas	%oil	%water	%mud
<u>592</u>	<u>60</u>	<u>30</u>	<u>70</u>		
<u>122</u>	<u>GMCO</u>	<u>30</u>	<u>50</u>		<u>20</u>
	<u>2344' GIP</u>	<u>100</u>			

Rec Total 714 BHT 118 Gravity 36 API RW @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm  
 Test 1150 T-On Location 5:08  
 Jars \_\_\_\_\_ T-Started 5:10  
 Safety Joint 75 T-Open 7:28  
 Circ Sub NIC T-Pulled 11:14  
 Hourly Standby \_\_\_\_\_ T-Out 13:46  
 Mileage 50RT x 2 50  
 Sampler \_\_\_\_\_ 50  
 Straddle \_\_\_\_\_  
 Shale Packer 250  
 Extra Packer \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  
 Day Standby \_\_\_\_\_  
 Accessibility \_\_\_\_\_  
 Sub Total 1575 MP/DST Disc't \_\_\_\_\_

Initial Open 30  
 Initial Shut-In 45  
 Final Flow 60  
 Final Shut-In 90

Comments Loaded tools 6-18-15

Ruined Shale Packer \_\_\_\_\_  
 Ruined Packer \_\_\_\_\_  
 Extra Copies \_\_\_\_\_  
 Sub Total 0  
 Total 1575

Approved By Terry I McLeod Our Representative Chuck Smith

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.