

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1252936
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: _____

1252936



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
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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

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> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Landmark Resources, Inc.
Well Name	Wesseler #1-28
Doc ID	1252936

All Electric Logs Run

Microresistivity Log
Dual Compensated Porosity Log
Dual Induction Log
Borehole Compensated Sonic Log
Sector Bond / Gamma Ray CCL Log

Form	ACO1 - Well Completion
Operator	Landmark Resources, Inc.
Well Name	Wesseler #1-28
Doc ID	1252936

Tops

Name	Top	Datum
Anhydrite	2451	695
B/Anhydrite	2470	676
Topeka	3760	-614
Heeber	3997	-851
Toronto	4016	-870
Lansing	4044	-898
C	4085	-939
D	4101	-955
E	4147	-1001
F	4157	-1011
G	4174	-1028
Muncie Creek	4228	-1082
H	4238	-1092
I	4274	-1128
J	4302	-1156
Stark Shale	4322	-1176
K	4336	-1190
L	4385	-1239
BKC	4409	-1263
Marmaton	4465	-1319
Altamont	4498	-1352
Pawnee	4548	-1402
Myrick Station	4587	-1441
Fort Scott	4597	-1451

Form	ACO1 - Well Completion
Operator	Landmark Resources, Inc.
Well Name	Wesseler #1-28
Doc ID	1252936

Tops

Name	Top	Datum
Cherokee	4623	-1477
Johnson Zone	4668	-1522
Morrow Shale	4748	-1602
Upper Morrow Sd	4789	-1643
Missippian	4792	-1646



DRILL STEM TEST REPORT

Prepared For: **Landmark Resources Inc.**

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

ATTN: Terry McLeod

Wesseler #1-28

28-16s-34w Scott,KS

Start Date: 2015.04.24 @ 20:20:00

End Date: 2015.04.25 @ 04:11:20

Job Ticket #: 61677 DST #: 1

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

Printed: 2015.04.29 @ 10:18:46

Landmark Resources Inc. 28-16s-34w Scott,KS Wesseler #1-28 DST # 1 LKC "1" 2015.04.24



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Landmark Resources Inc.

28-16s-34w Scott,KS

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

Wesseler #1-28

Job Ticket: 61677

DST#: 1

ATTN: Terry McLeod

Test Start: 2015.04.24 @ 20:20:00

GENERAL INFORMATION:

Formation: **LKC "I"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:42:40

Time Test Ended: 04:11:20

Test Type: Conventional Bottom Hole (Initial)

Tester: Chuck Smith

Unit No: 61

Interval: 4264.00 ft (KB) To 4290.00 ft (KB) (TVD)

Reference Elevations: 3146.00 ft (KB)

Total Depth: 4290.00 ft (KB) (TVD)

3135.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8357

Inside

Press@RunDepth: 145.93 psig @ 4267.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.04.24

End Date:

2015.04.25

Last Calib.: 2015.04.25

Start Time: 20:20:02

End Time:

04:11:19

Time On Btm: 2015.04.24 @ 22:41:00

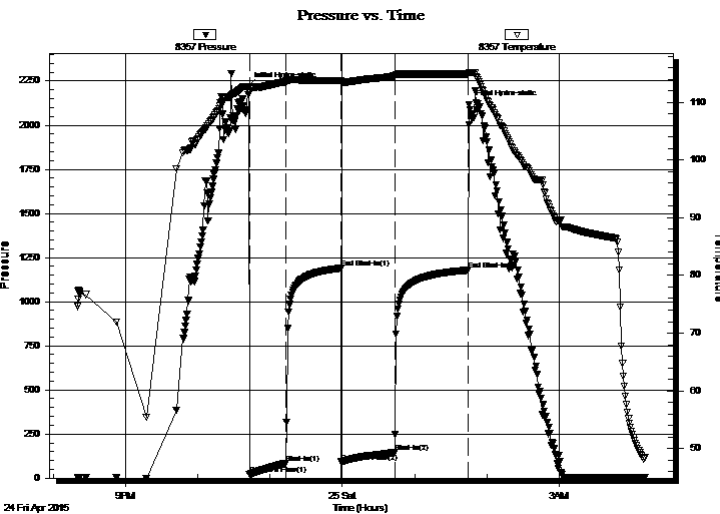
Time Off Btm: 2015.04.25 @ 01:45:20

TEST COMMENT: 30- 6 1/2" Blow .

45- No return.

45- 8" Blow .

60- Surface return died @ 15 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2220.53	112.74	Initial Hydro-static
2	19.84	111.76	Open To Flow (1)
32	85.63	113.55	Shut-In(1)
78	1189.46	113.76	End Shut-In(1)
78	92.31	113.51	Open To Flow (2)
123	145.93	114.57	Shut-In(2)
184	1178.94	114.90	End Shut-In(2)
185	2116.62	115.16	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	API: 24 @ 50 Degrees F = 25.	0.00
60.00	GOCM 10g 30o 60m	0.30
60.00	GMCO 10g 5m 85o	0.30
200.00	GO 5g 95o	1.44
0.00	45' Weak GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Landmark Resources Inc.

28-16s-34w Scott,KS

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

Wesseler #1-28

Job Ticket: 61677

DST#: 1

ATTN: Terry McLeod

Test Start: 2015.04.24 @ 20:20:00

Tool Information

Drill Pipe:	Length: 3993.00 ft	Diameter: 3.80 inches	Volume: 56.01 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: 270.00 ft	Diameter: 2.25 inches	Volume: 1.33 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 57.34 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.50 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4264.00 ft			Final 71000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	26.00 ft			
Tool Length:	48.50 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			4242.50	
Shut In Tool	5.00			4247.50	
Hydraulic tool	5.00			4252.50	
Safety Joint	2.50			4255.00	
Packer	5.00			4260.00	22.50 Bottom Of Top Packer
Packer	4.00			4264.00	
Stubb	1.00			4265.00	
Perforations	2.00			4267.00	
Recorder	0.00	8357	Inside	4267.00	
Recorder	0.00	6751	Outside	4267.00	
Perforations	20.00			4287.00	
Bullnose	3.00			4290.00	26.00 Bottom Packers & Anchor

Total Tool Length: 48.50



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Landmark Resources Inc.

28-16s-34w Scott,KS

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

Wesseler #1-28

Job Ticket: 61677

DST#: 1

ATTN: Terry McLeod

Test Start: 2015.04.24 @ 20:20:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 50.00 sec/qt
Water Loss: 7.97 in³
Resistivity: ohm.m
Salinity: 5200.00 ppm
Filter Cake: 1.00 inches

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

Oil API: 25 deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	API: 24 @ 50 Degrees F = 25.	0.000
60.00	GOCM 10g 30o 60m	0.295
60.00	GMCO 10g 5m 85o	0.295
200.00	GO 5g 95o	1.439
0.00	45' Weak GIP	0.000

Total Length: 320.00 ft Total Volume: 2.029 bbl

Num Fluid Samples: 0

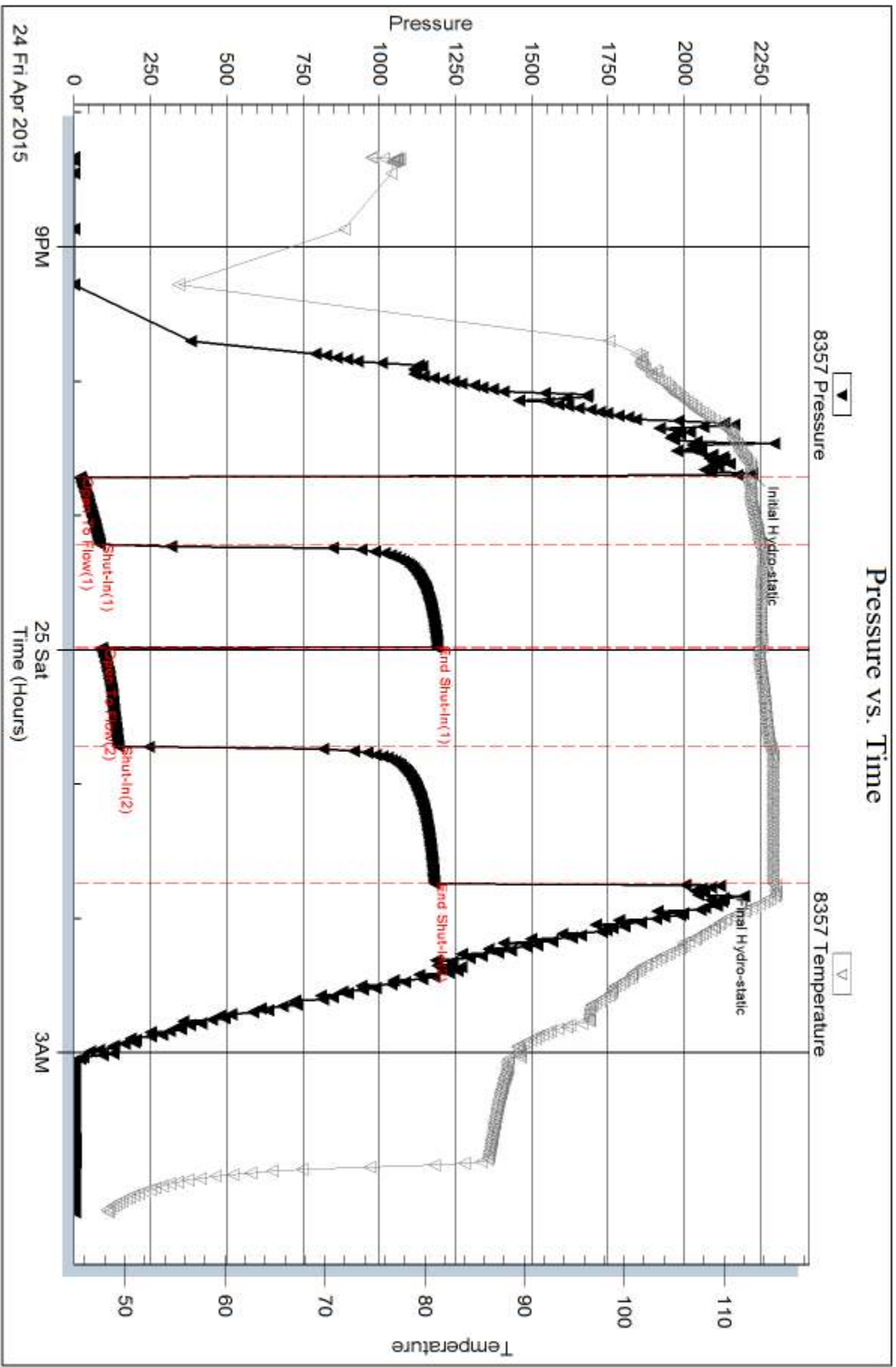
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



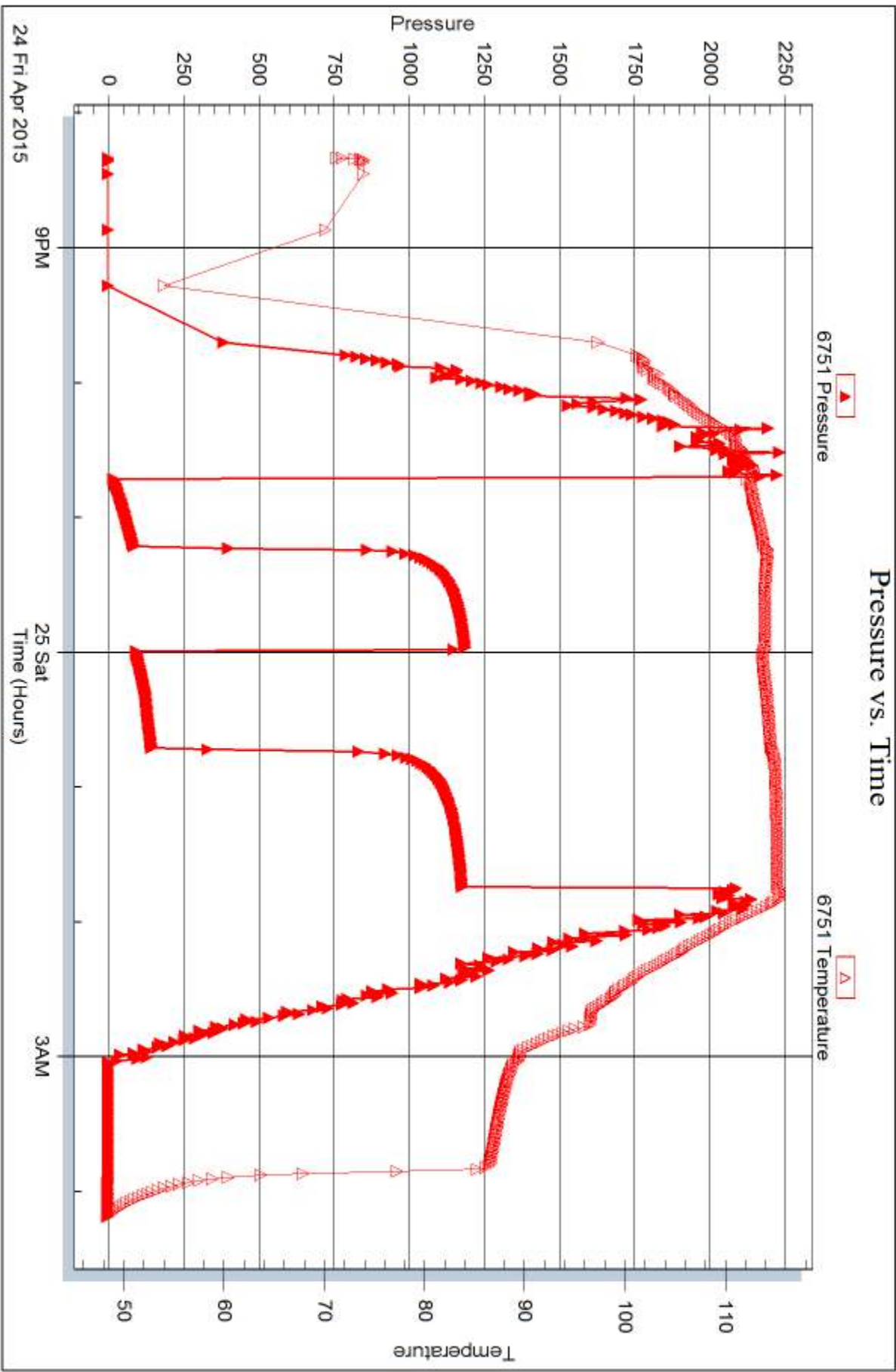
Serial #: 6751

Outside

Landmark Resources Inc.

Wesseler #1-28

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Landmark Resources Inc.**

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

ATTN: Terry McLeod

Wesseler #1-28

28-16s-34w Scott,KS

Start Date: 2015.04.25 @ 11:45:00

End Date: 2015.04.25 @ 18:02:20

Job Ticket #: 61678 DST #: 2

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

Printed: 2015.04.29 @ 10:18:16



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Landmark Resources Inc.

28-16s-34w Scott,KS

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

Wesseler #1-28

Job Ticket: 61678

DST#: 2

ATTN: Terry McLeod

Test Start: 2015.04.25 @ 11:45:00

GENERAL INFORMATION:

Formation: **LKC 'J'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:17:00

Time Test Ended: 18:02:20

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 61

Interval: 4297.00 ft (KB) To 4325.00 ft (KB) (TVD)

Total Depth: 4325.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3146.00 ft (KB)

3135.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8357

Inside

Press@RunDepth: 423.85 psig @ 4302.00 ft (KB)

Start Date: 2015.04.25

End Date:

2015.04.25

Start Time: 11:45:02

End Time:

18:02:19

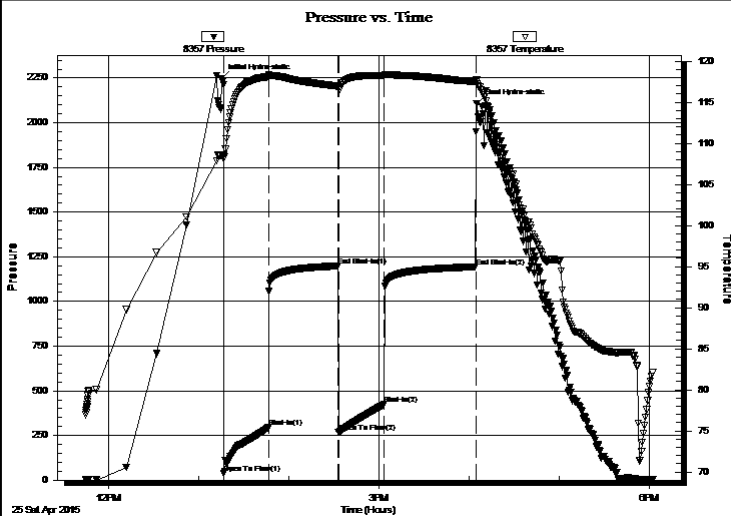
Capacity: 8000.00 psig

Last Calib.: 2015.04.25

Time On Btm: 2015.04.25 @ 13:15:20

Time Off Btm: 2015.04.25 @ 16:05:00

TEST COMMENT: 30- B.O.B. @ 10 min.
45- No return.
30- B.O.B. @ 12 min.
60- No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2247.38	108.52	Initial Hydro-static
2	39.37	108.07	Open To Flow (1)
32	294.60	118.09	Shut-In(1)
78	1199.02	116.93	End Shut-In(1)
78	268.73	116.62	Open To Flow (2)
109	423.85	118.21	Shut-In(2)
169	1193.87	117.50	End Shut-In(2)
170	2105.97	117.68	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
760.00	MW 5m 95w	8.20
140.00	OSMW 30m 70w	1.96

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.

28-16s-34w Scott,KS

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

Wesseler #1-28

Job Ticket: 61678

DST#: 2

ATTN: Terry McLeod

Test Start: 2015.04.25 @ 11:45:00

Tool Information

Drill Pipe:	Length: 4025.00 ft	Diameter: 3.80 inches	Volume: 56.46 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: 270.00 ft	Diameter: 2.25 inches	Volume: 1.33 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 57.79 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.50 ft			String Weight: Initial 74000.00 lb
Depth to Top Packer:	4297.00 ft			Final 76000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	28.00 ft			
Tool Length:	50.50 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			4275.50	
Shut In Tool	5.00			4280.50	
Hydraulic tool	5.00			4285.50	
Safety Joint	2.50			4288.00	
Packer	5.00			4293.00	22.50 Bottom Of Top Packer
Packer	4.00			4297.00	
Stubb	1.00			4298.00	
Perforations	4.00			4302.00	
Recorder	0.00	8357	Inside	4302.00	
Recorder	0.00	6751	Outside	4302.00	
Perforations	20.00			4322.00	
Bullnose	3.00			4325.00	28.00 Bottom Packers & Anchor

Total Tool Length: 50.50



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Landmark Resources Inc.

28-16s-34w Scott,KS

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

Wesseler #1-28

Job Ticket: 61678

DST#: 2

ATTN: Terry McLeod

Test Start: 2015.04.25 @ 11:45:00

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:

44000 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
760.00	MW 5m 95w	8.201
140.00	OSMW 30m 70w	1.964

Total Length: 900.00 ft Total Volume: 10.165 bbl

Num Fluid Samples: 0

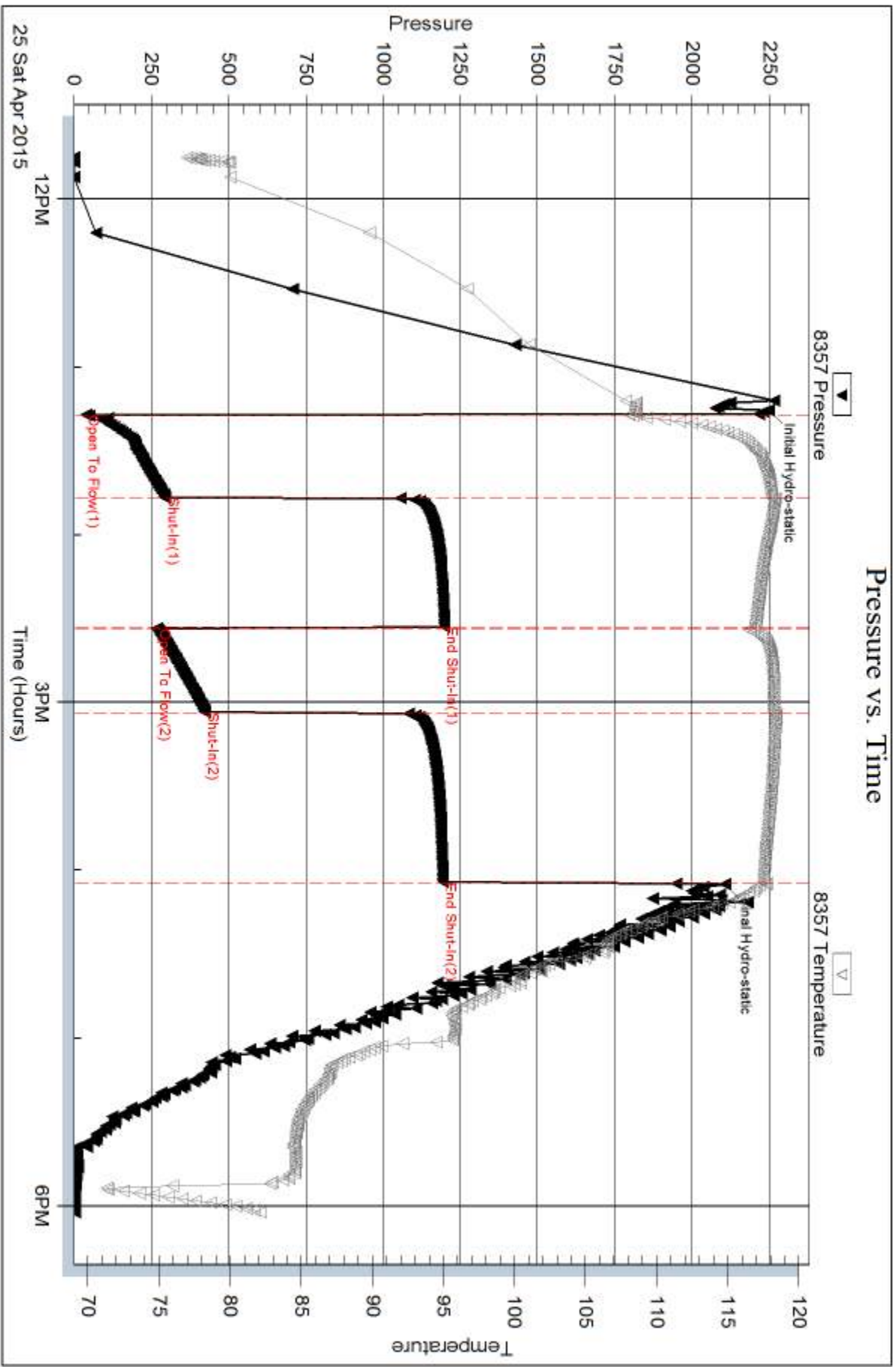
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .190 @ 63 Degrees F = 44000 PPM

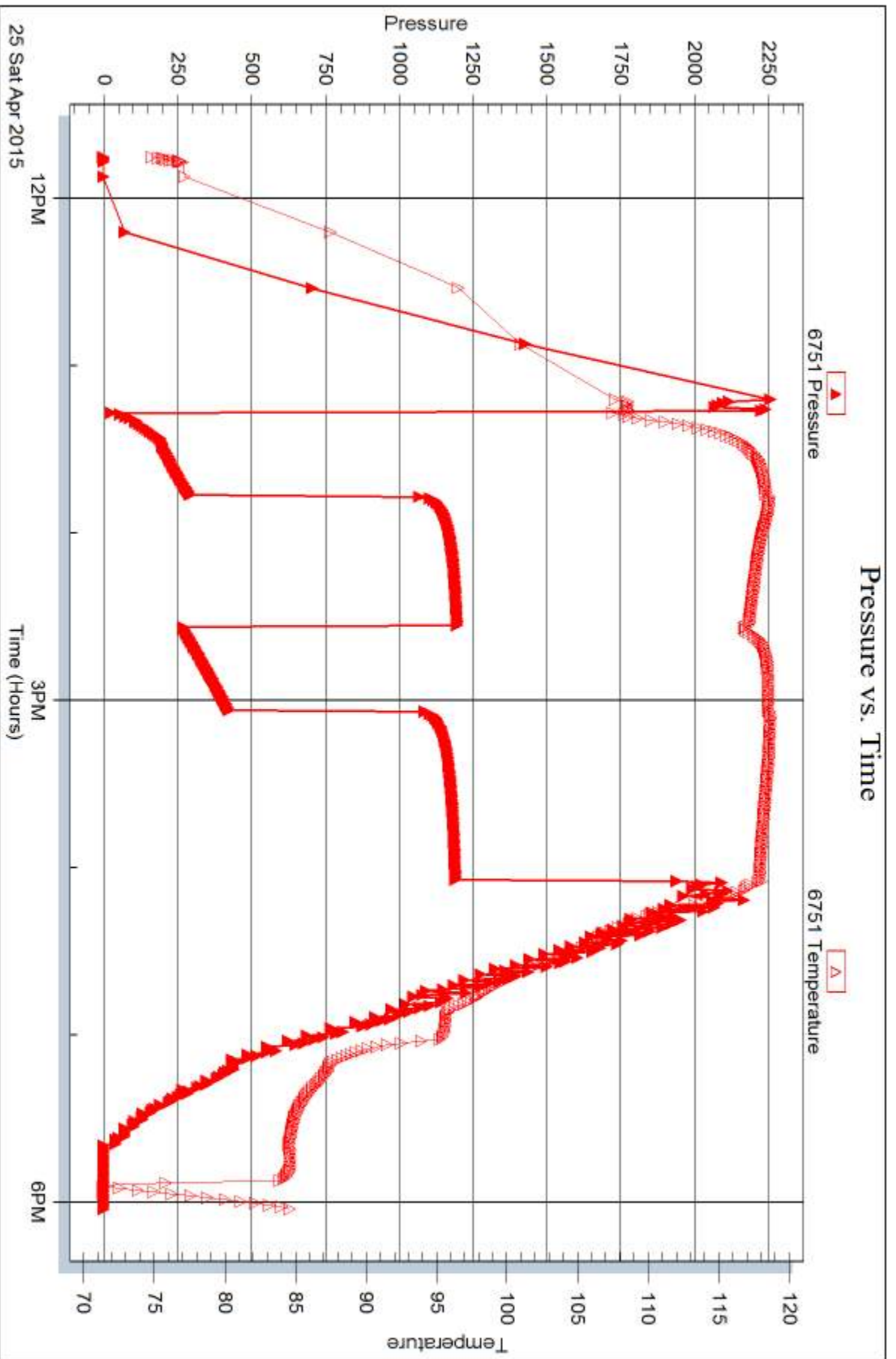


Serial #: 6751

Outside Landmark Resources Inc.

Wesseler #1-28

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 61678

Printed: 2015.04.29 @ 10:18:19



DRILL STEM TEST REPORT

Prepared For: **Landmark Resources Inc.**

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

ATTN: Terry McLeod

Wesseler #1-28

28-16s-34w Scott,KS

Start Date: 2015.04.26 @ 09:24:00

End Date: 2015.04.26 @ 17:43:20

Job Ticket #: 61679 DST #: 3

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

Printed: 2015.04.29 @ 10:17:42



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Landmark Resources Inc.

28-16s-34w Scott,KS

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

Wesseler #1-28

Job Ticket: 61679

DST#: 3

ATTN: Terry McLeod

Test Start: 2015.04.26 @ 09:24:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:42:30

Time Test Ended: 17:43:20

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 61

Interval: 4477.00 ft (KB) To 4495.00 ft (KB) (TVD)

Reference Elevations: 3146.00 ft (KB)

Total Depth: 4495.00 ft (KB) (TVD)

3135.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8357

Inside

Press@RunDepth: 277.55 psig @ 4478.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.04.26

End Date:

2015.04.26

Last Calib.:

2015.04.26

Start Time: 09:24:02

End Time:

17:43:19

Time On Btm:

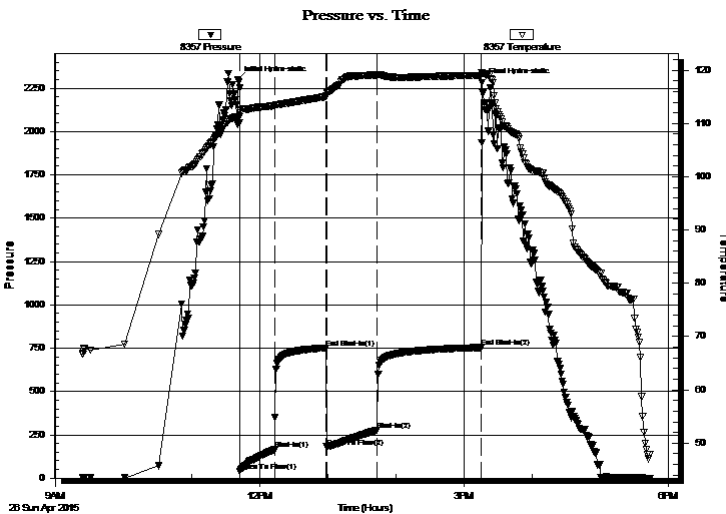
2015.04.26 @ 11:40:40

Time Off Btm:

2015.04.26 @ 15:15:50

TEST COMMENT: 30- B.O.B. @ 8 min.
45- 5" Return.
45- B.O.B. @ 12 min.
90- B.O.B. @ 70 min.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2296.13	111.28	Initial Hydro-static
2	40.31	110.17	Open To Flow (1)
33	163.98	113.34	Shut-In(1)
78	751.78	115.03	End Shut-In(1)
79	180.36	115.19	Open To Flow (2)
123	277.55	119.06	Shut-In(2)
215	753.80	119.05	End Shut-In(2)
216	2282.28	119.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	567' GIP	0.00
60.00	GMCO 15g 10m 75o	0.30
383.00	GO 15g 85o	3.46
252.00	GO 25g 75o	3.53

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.

28-16s-34w Scott,KS

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

Wesseler #1-28

Job Ticket: 61679

DST#: 3

ATTN: Terry McLeod

Test Start: 2015.04.26 @ 09:24:00

Tool Information

Drill Pipe:	Length: 4215.00 ft	Diameter: 3.80 inches	Volume: 59.13 bbl	Tool Weight:	2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length: 270.00 ft	Diameter: 2.25 inches	Volume: 1.33 bbl	Weight to Pull Loose:	85000.00 lb
			<u>Total Volume: 60.46 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	30.50 ft			String Weight: Initial	78000.00 lb
Depth to Top Packer:	4477.00 ft			Final	80000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	18.00 ft				
Tool Length:	40.50 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			4455.50	
Shut In Tool	5.00			4460.50	
Hydraulic tool	5.00			4465.50	
Safety Joint	2.50			4468.00	
Packer	5.00			4473.00	22.50 Bottom Of Top Packer
Packer	4.00			4477.00	
Stubb	1.00			4478.00	
Recorder	0.00	8357	Inside	4478.00	
Recorder	0.00	6751	Outside	4478.00	
Perforations	14.00			4492.00	
Bullnose	3.00			4495.00	18.00 Bottom Packers & Anchor

Total Tool Length: 40.50



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Landmark Resources Inc.

28-16s-34w Scott,KS

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

Wesseler #1-28

Job Ticket: 61679

DST#: 3

ATTN: Terry McLeod

Test Start: 2015.04.26 @ 09:24:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 54.00 sec/qt
Water Loss: 7.98 in³
Resistivity: ohm.m
Salinity: 6000.00 ppm
Filter Cake: 1.00 inches

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

Oil API: 31 deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	567' GIP	0.000
60.00	GMCO 15g 10m 75o	0.295
383.00	GO 15g 85o	3.459
252.00	GO 25g 75o	3.535

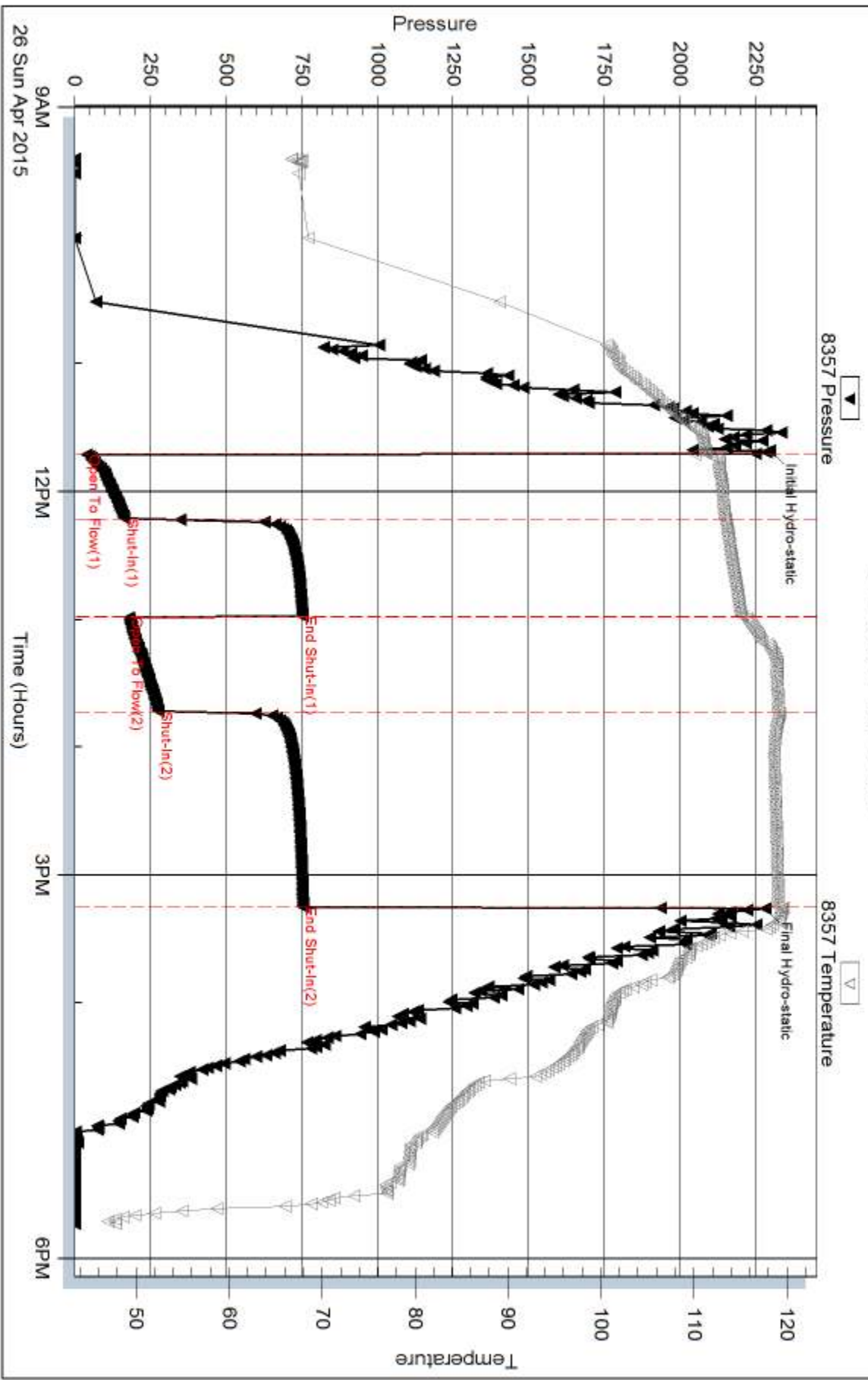
Total Length: 695.00 ft Total Volume: 7.289 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: API: 29 @ 40 Degrees F = 31

Pressure vs. Time

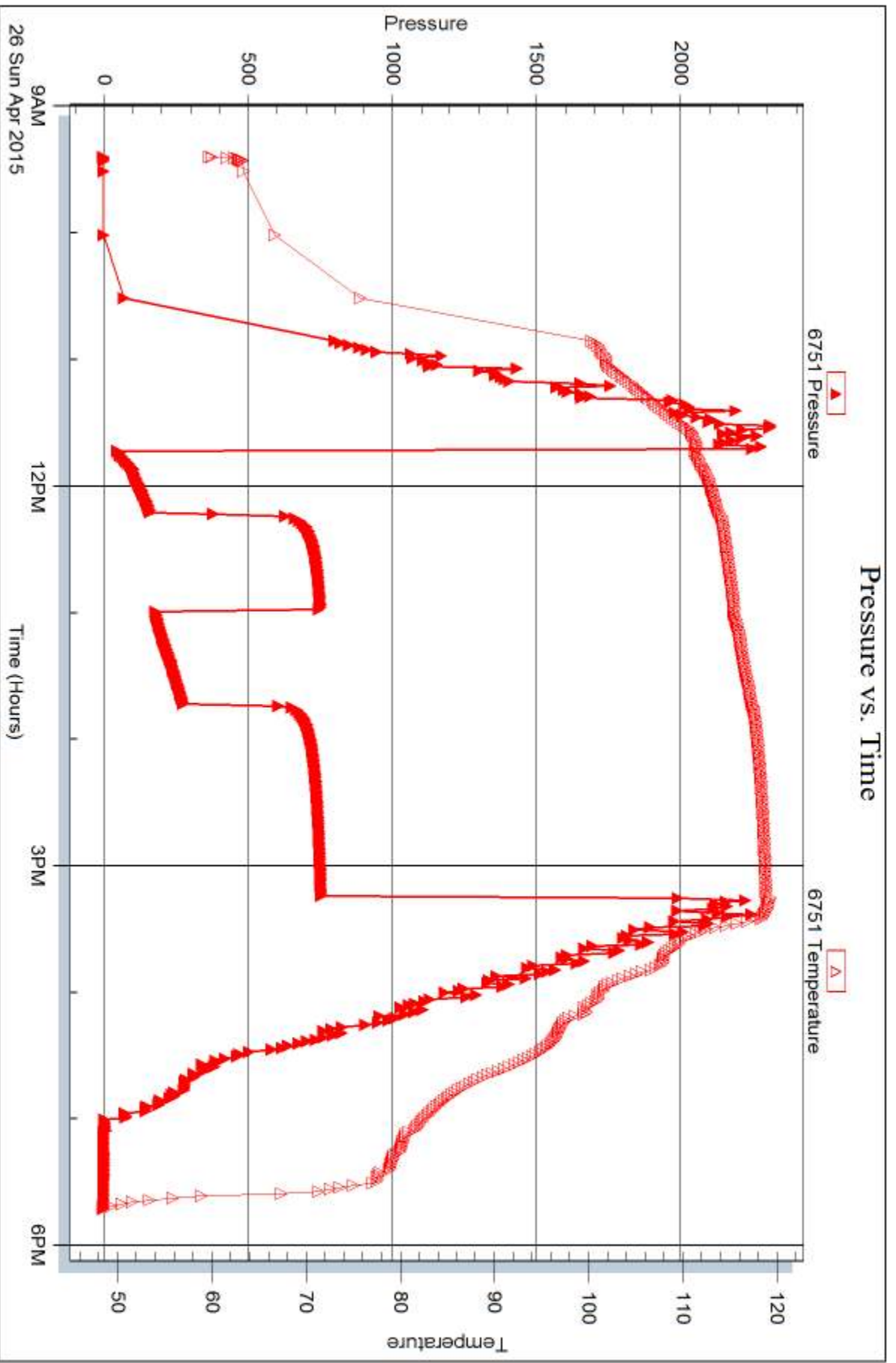


Serial #: 6751

Outside Landmark Resources Inc.

Wesseler #1-28

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **Landmark Resources Inc.**

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

ATTN: Terry McLeod

Wesseler #1-28

28-16s-34w Scott,KS

Start Date: 2015.04.27 @ 02:15:00

End Date: 2015.04.27 @ 09:57:30

Job Ticket #: 61680 DST #: 4

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

Printed: 2015.04.29 @ 09:57:47



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Landmark Resources Inc.

28-16s-34w Scott,KS

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

Wesseler #1-28

Job Ticket: 61680

DST#: 4

ATTN: Terry McLeod

Test Start: 2015.04.27 @ 02:15:00

GENERAL INFORMATION:

Formation: **Altamont A-B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:29:20

Time Test Ended: 09:57:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 61

Interval: 4493.00 ft (KB) To 4545.00 ft (KB) (TVD)

Reference Elevations: 3146.00 ft (KB)

Total Depth: 4545.00 ft (KB) (TVD)

3135.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8357

Inside

Press@RunDepth: 172.18 psig @ 4494.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.04.27

End Date:

2015.04.27

Last Calib.: 2015.04.27

Start Time: 02:15:02

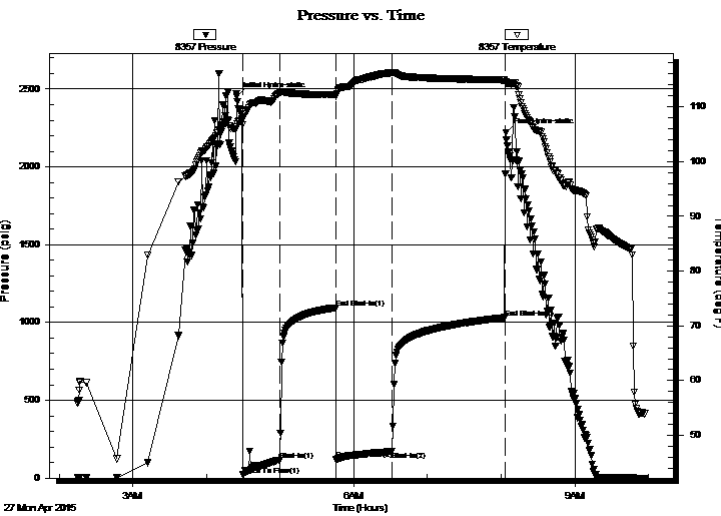
End Time:

09:57:30

Time On Btm: 2015.04.27 @ 04:24:30

Time Off Btm: 2015.04.27 @ 08:03:50

TEST COMMENT: 30- 6" Blow .
45- No return.
45- 6" Blow .
90- No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2451.18	106.32	Initial Hydro-static
5	20.38	106.80	Open To Flow (1)
35	117.28	112.50	Shut-In(1)
81	1094.80	112.25	End Shut-In(1)
81	122.30	111.95	Open To Flow (2)
127	172.18	116.27	Shut-In(2)
219	1031.79	114.91	End Shut-In(2)
220	2221.13	114.39	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
343.00	OSMW 50m 50w	2.35
45.00	OSWM 45w 55m	0.63

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.

28-16s-34w Scott,KS

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

Wesseler #1-28

Job Ticket: 61680

DST#: 4

ATTN: Terry McLeod

Test Start: 2015.04.27 @ 02:15:00

Tool Information

Drill Pipe:	Length: 4214.00 ft	Diameter: 3.80 inches	Volume: 59.11 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 270.00 ft	Diameter: 2.25 inches	Volume: 1.33 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 60.44 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.50 ft			String Weight: Initial 80000.00 lb
Depth to Top Packer:	4493.00 ft			Final 80000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	52.00 ft			
Tool Length:	74.50 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			4471.50	
Shut In Tool	5.00			4476.50	
Hydraulic tool	5.00			4481.50	
Safety Joint	2.50			4484.00	
Packer	5.00			4489.00	22.50 Bottom Of Top Packer
Packer	4.00			4493.00	
Stubb	1.00			4494.00	
Recorder	0.00	8357	Inside	4494.00	
Recorder	0.00	6751	Outside	4494.00	
Perforations	14.00			4508.00	
Change Over Sub	1.00			4509.00	
Drill Pipe	32.00			4541.00	
Change Over Sub	1.00			4542.00	
Bullnose	3.00			4545.00	52.00 Bottom Packers & Anchor

Total Tool Length: 74.50



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Landmark Resources Inc.

28-16s-34w Scott,KS

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

Wesseler #1-28

Job Ticket: 61680

DST#: 4

ATTN: Terry McLeod

Test Start: 2015.04.27 @ 02:15:00

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:

48000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.96 in³

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 bbbl
343.00	OSMW 50m 50w	2.352
45.00	OSWM 45w 55m	0.631

Total Length: 388.00 ft Total Volume: 2.983 bbl

Num Fluid Samples: 0

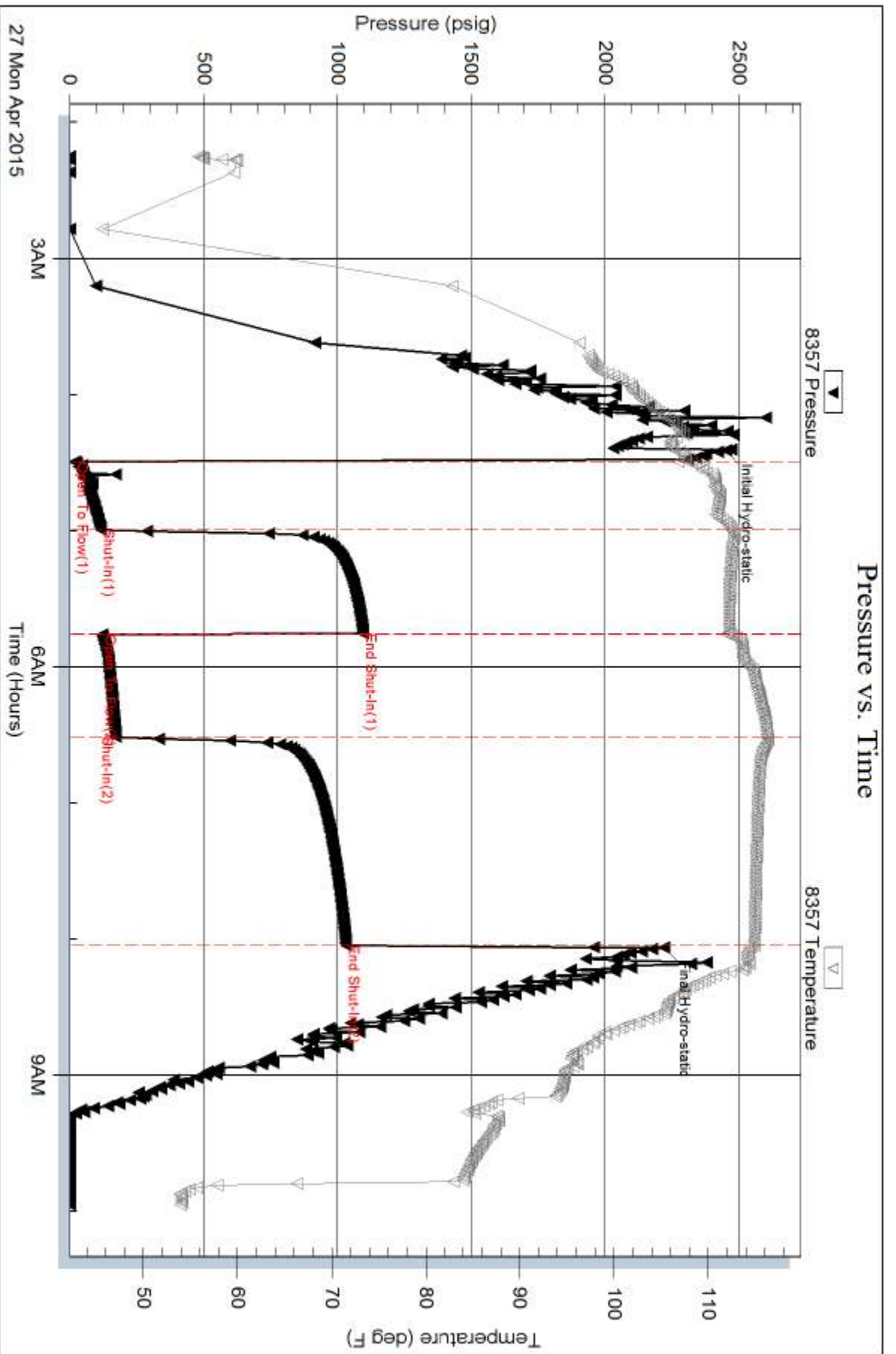
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .245 @ 45 Degrees F = 48000 PPM

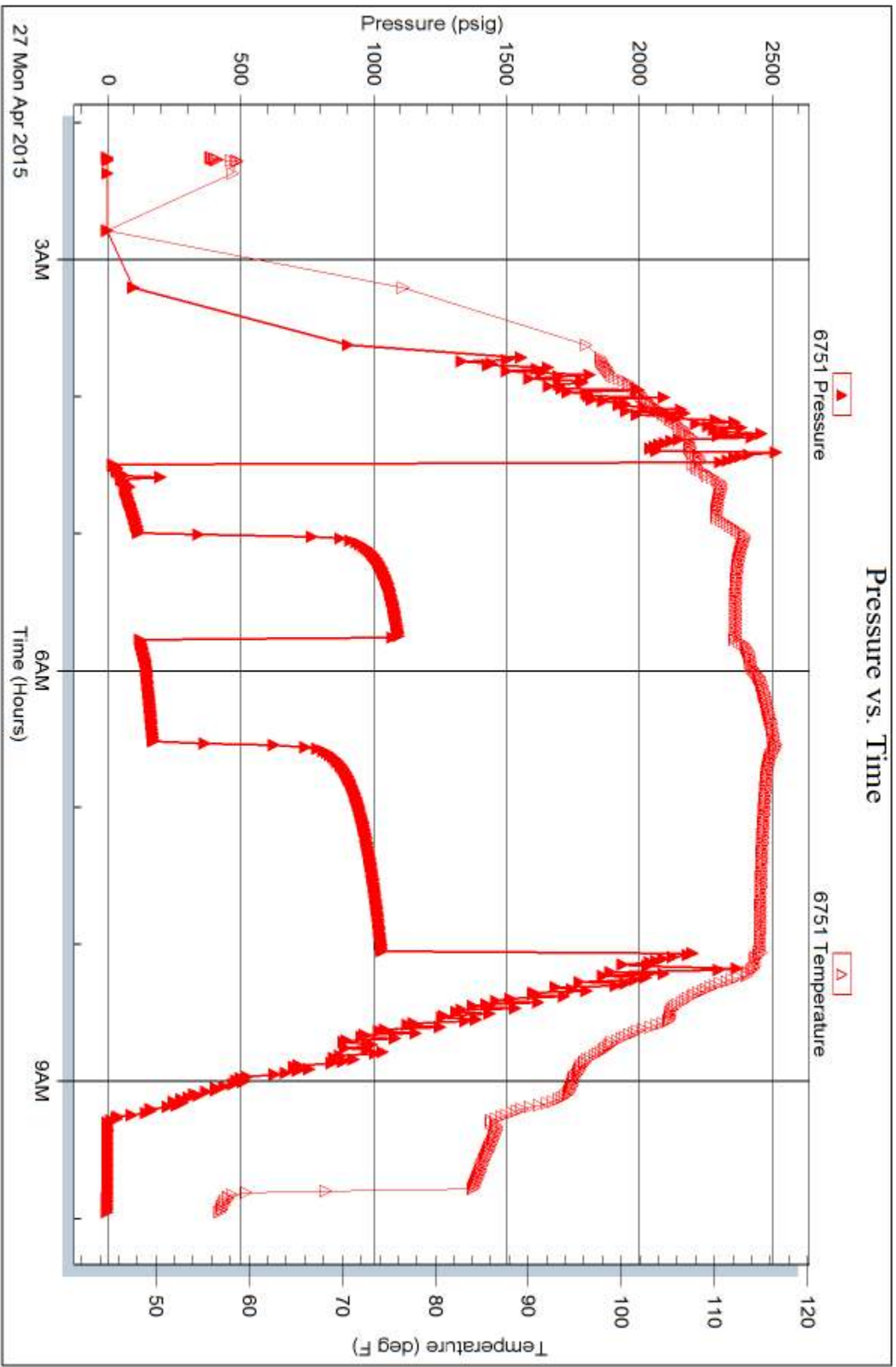


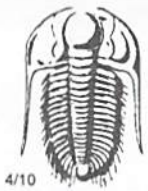
Serial #: 6751

Outside Landmark Resources Inc.

Wesseler #1-28

DST Test Number: 4





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 61677

Well Name & No. Wesseker #1-28 Test No. 1 Date 4-24-15
 Company Landmark Resources Inc. Elevation 3146 KB 3135 GL
 Address 1616 E Voss Rd. STE 600 Houston, TX 77057
 Co. Rep / Geo. Terry McLeod Rig MDC #21
 Location: Sec. 28 Twp. 16s Rge. 24w Co. Scott State Ks

Interval Tested 4264-4290 Zone Tested LKC 'I'
 Anchor Length 26 Drill Pipe Run 3993 Mud Wt. 9.2
 Top Packer Depth 4260 Drill Collars Run 270 Vis 50
 Bottom Packer Depth 4264 Wt. Pipe Run 0 WL 8.0
 Total Depth 4290 Chlorides 5200 ppm System LCM 2*
 Blow Description 6 1/2" Blow.
No return.
8" Blow.

return. Surface return died @ 15 min.

Rec	Feet of	%gas	%oil	%water	%mud
<u>200 80</u>	<u>60</u>	<u>5</u>	<u>95</u>		
<u>60</u>	<u>GMC0</u>	<u>10</u>	<u>85</u>		<u>5</u>
<u>60</u>	<u>GOCM</u>	<u>10</u>	<u>30</u>		<u>60</u>
<u>45' Weak GIP</u>					

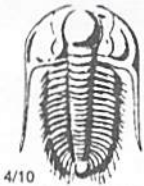
Rec Total 320 BHT 115 Gravity 25 API RW @ °F Chlorides ppm

(A) Initial Hydrostatic 2221 Test 1150 T-On Location 19:52
 (B) First Initial Flow 20 Jars T-Started 20:20
 (C) First Final Flow 86 Safety Joint 75 T-Open 22:43
 (D) Initial Shut-In 1189 Circ Sub N/C T-Pulled 1:45
 (E) Second Initial Flow 92 Hourly Standby T-Out 4:11
 (F) Second Final Flow 146 Mileage 52RT 52
 (G) Final Shut-In 1179 Sampler
 (H) Final Hydrostatic 2117 Straddle
 Shale Packer
 Extra Packer
 Extra Recorder
 Day Standby
 Accessibility
 Sub Total 1277

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

Ruined Shale Packer
 Ruined Packer
 Extra Copies
 Sub Total 0
 Total 1277
 MP/DST Disc't

Approved By Terry L. 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. 61678

Well Name & No. Wesseler #1-28 Test No. 2 Date 4-25-15
 Company Landmark Resources Inc. Elevation 3146 KB 3135 GL
 Address 1616 E. Voss STE 600 Houston, TX 77057
 Co. Rep / Geo. Terry McLeod Rig MDC #21
 Location: Sec. 28 Twp. 16s Rge. 24w Co. Scott State KS

Interval Tested 4297-4325 Zone Tested LKC 'J'
 Anchor Length 28 Drill Pipe Run 4025 Mud Wt. 9.3
 Top Packer Depth 4293 Drill Collars Run 270 Vis 56
 Bottom Packer Depth 4297 Wt. Pipe Run 0 WL 8.0
 Total Depth 4325 Chlorides 5000 ppm System LCM 2#
 Blow Description B.O.B. @ 10 min.
No return.
B.O.B. @ 12 min.
No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>140</u>	<u>05 MW</u>		<u>70</u>	<u>30</u>	
<u>760</u>	<u>MW</u>		<u>95</u>	<u>5</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 900 BHT 118 Gravity — API RW .190 @ 63 °F Chlorides 44000 ppm
 (A) Initial Hydrostatic 2247 Test 1150 T-On Location 11:45
 (B) First Initial Flow 39 Jars _____ T-Started 11:45
 (C) First Final Flow 295 Safety Joint 75 T-Open 13:17
 (D) Initial Shut-In 1199 Circ Sub N/C T-Pulled 16:04
 (E) Second Initial Flow 269 Hourly Standby _____ T-Out 18:02
 (F) Second Final Flow 424 Mileage 52 Comments _____
 (G) Final Shut-In 1194 Sampler _____
 (H) Final Hydrostatic 2106 Straddle _____
 Initial Open 30 Shale Packer _____
 Initial Shut-In 45 Shale Packer _____
 Final Flow 30 Extra Packer _____
 Final Shut-In 60 Extra Recorder _____
 Sub Total 1277 Day Standby _____
 Total 1277 Accessibility _____
 MP/DST Disc't _____

Approved By Terry McLeod Our Representative Chuck Smith
 Trilobite Testing Inc. shall not be liable for damaged or 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. 61679

Well Name & No. Wesseler #1-28 Test No. 3 Date 4-26-15
 Company Landmark Resources Inc. Elevation 3146 KB 3135 GL
 Address 1616 S. Voss STE 600 Houston, TX 77057
 Co. Rep / Geo. Terry McLead Rig M.D.C.#21
 Location: Sec. 28 Twp. 16s Rge. 24w Co. Scott State KS

Interval Tested 4477 - 4495 Zone Tested Marmaton
 Anchor Length 18 Drill Pipe Run 4215 Mud Wt. 9.3
 Top Packer Depth 4473 Drill Collars Run 270 Vis 54
 Bottom Packer Depth 4477 Wt. Pipe Run 0 WL 8.0
 Total Depth 4495 Chlorides 6000 ppm System LCM 2^m
 Blow Description B.O.B. @ 8 min
5" Return
B.O.B. @ 12 min.
B.O.B. @ 70 min.

Rec	Feet of	%gas	%oil	%water	%mud
<u>252</u>	<u>GO</u>	<u>25</u>	<u>75</u>		
<u>383</u>	<u>GO</u>	<u>15</u>	<u>85</u>		
<u>60</u>	<u>GMC0</u>	<u>15</u>	<u>75</u>		<u>10</u>
	<u>567' GIP</u>				

Rec Total 695 BHT 119 Gravity 2.31 API RW 1150 @ 1150 °F Chlorides — ppm
 (A) Initial Hydrostatic 2296 Test 1150 T-On Location 9:20
 (B) First Initial Flow 40 Jars _____ T-Started 9:24
 (C) First Final Flow 164 Safety Joint 75 T-Open 11:
 (D) Initial Shut-In 752 Circ Sub N/C T-Pulled 15:
 (E) Second Initial Flow 180 Hourly Standby _____ T-Out 17:
 (F) Second Final Flow 278 Mileage 52 Comments _____
 (G) Final Shut-In 754 Sampler _____
 (H) Final Hydrostatic 2282 Straddle _____
 Shale Packer 250 Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Extra Copies _____
 Day Standby _____ Sub Total 0
 Accessibility _____ Total 1527
 Sub Total 1527 MP/DST Disc't _____

Approved By Terry McLead 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. 61680

Well Name & No. Wesseler #1-28 Test No. 4 Date 4-27-15
 Company Landmark Resources Inc. Elevation 3146 KB 3135 GL
 Address 1616 S Voss STE 600 Houston TX 77057
 Co. Rep / Geo. Terry McLeod Rig M.D.C. #21
 Location: Sec. 28 Twp. 16s Rge. 24w Co. Scott State KS

Interval Tested 4493 - 4545 Zone Tested Altament 'A-B'
 Anchor Length 52 Drill Pipe Run 4214 Mud Wt. 9.3
 Top Packer Depth 4489 Drill Collars Run 270 Vis 60
 Bottom Packer Depth 4493 Wt. Pipe Run 0 WL 8.0
 Total Depth 4545 Chlorides 6000 ppm System LCM 2"
 Blow Description 6" Blow
No return.
6" Blow.
No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>45</u>	<u>DSWM</u>			<u>45%</u>	<u>55%</u>
<u>343</u>	<u>DS MW</u>			<u>50%</u>	<u>50%</u>

Rec Total 388 BHT 115 Gravity — API RW — @ 45 ° F Chlorides 48000 ppm

(A) Initial Hydrostatic 2451 Test 1150 T-On Location 2:15
 (B) First Initial Flow 20 Jars — T-Started 2:15
 (C) First Final Flow 117 Safety Joint 75 T-Open 4:29
 (D) Initial Shut-In 1095 Circ Sub NIC T-Pulled 8:03
 (E) Second Initial Flow 122 Hourly Standby — T-Out 9:58
 (F) Second Final Flow 172 Mileage x2 52+52 Comments Picked up tools
 (G) Final Shut-In 1032 Sampler — 4-28-15 10:00 am No test
 (H) Final Hydrostatic 2221 Straddle — Ruined Shale Packer 320
 Ruined Packer —
 Extra Copies —
 Initial Open 30 Shale Packer 250 Sub Total 320
 Extra Packer — Total 1899
 Initial Shut-In 45 Extra Recorder — MP/DST Disc't —
 Final Flow 45 Day Standby —
 Final Shut-In 90 Accessibility —
 Sub Total 1579

Approved By Terry J. 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.



INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 149387
Invoice Date: Apr 21, 2015
Page: 1

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

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	64705	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Apr 21, 2015	5/21/15

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Wesseller #1-28		
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
358.40	CEMENT SERVICE	Ton Mileage Charge	2.75	985.60
1.00	CEMENT SERVICE	Surface	1,512.25	1,512.25
40.00	CEMENT SERVICE	Heavy Vehicle Mileage	7.70	308.00
1.00	CEMENT SERVICE	Swedge Manifold Rental	275.00	275.00
40.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	176.00
1.00	CEMENT SUPERVISOR	LaRene Wentz		
1.00	EQUIPMENT OPERATOR	Wayne McGhghy		
1.00	CEMENT SUPERVISOR	Paul Beaver		

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

\$ 2,897.23

ONLY IF PAID ON OR BEFORE
May 21, 2015

Subtotal	7,624.29
Sales Tax	316.68
Total Invoice Amount	7,940.97
Payment/Credit Applied	
TOTAL	7,940.97

ALLIED OIL & GAS SERVICES, LLC 064705

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: Oakley, TX

DATE <u>4-21-15</u>	SEC. <u>28</u>	TWP. <u>16</u>	RANGE <u>34</u>	CALLED OUT	ON LOCATION <u>11:00 am</u>	JOB START <u>2:00 pm</u>	JOB FINISH <u>2:30 pm</u>
LEASE <u>Wesseller</u>	WELL # <u>1-28</u>		LOCATION <u>Peace 1345, W into</u>		COUNTY <u>Scott</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Martin 21

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 268'

CASING SIZE 8 7/8 DEPTH 269'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 151

PERFS.

DISPLACEMENT 16.26

OWNER same

CEMENT AMOUNT ORDERED 185 sf cement 390 CC

COMMON 185 sf @ 17.90 3311.50

POZMIX @

GEL @

CHLORIDE 522# @ 1.10 574.20

ASC @

Material Total @ 3,885.70

(1476.57 / 383)

HANDLING 199.25 sf @ 2.48 481.74

MILEAGE 296 km x 40 x 2.75 3256.00

TOTAL _____

EQUIPMENT

PUMP TRUCK CEMENTER Lakone Ewente

422 HELPER Wayne McHugh

BULK TRUCK DRIVER Paul Beaver

890/281

BULK TRUCK DRIVER

REMARKS:

Mix 185 sf cement

Displace with water

Cement did 3651 top ft

CHARGE TO: Landmark

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB 269'

PUMP TRUCK CHARGE 1512.25

EXTRA FOOTAGE @

MILEAGE MIFD 40 @ 7.90 308.00

MANIFOLD Sabgo @ 295.00

MIFD 40 @ 4.90 196.00

(1420.66 / 383) TOTAL 3,738.59

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) _____

TOTAL CHARGES 7,624.29

DISCOUNT 2,897.23 (383) IF PAID IN 30 DAYS

4,727.05 Net.

PRINTED NAME _____

SIGNATURE Juan Arroyo

BID SHEET



Hide/Unhide Rows

Date	April 16, 2015
Ticket Number	OAK13032738
Service Point:	Oakley, KS
Address	P.O. Box 27 Oakley, KS 67748
Business Phone	785-672-3452

Manager	Terry Heinrich
E-mail	terry.heinrich@alliedservices.com
Mobile Phone	785-673-9376

Company	Landmark Resources, Inc.	Prepared For:	Heather Bain	Well Data	
Address	Houston, Tx. 77057	Business Phone:	713-243-8550	Open Hole	12 1/4
Address		Email:	heather@landmarkresources.com	Depth	250
Well Name		Mobile Phone:		String	01 Surface
Well Number		Prepared By:	Neal Rupp	Casing Size	8 5/8
Field	Sec: 28 - T165 - R34W	Email	neal.rupp@alliedservices.com	ID	8,097
County	Scott	Mobile Phone:	316-250-7057	Weight	24.0
State	Kansas	Business Phone:	316-260-3368	Grade	J-55
City		Rig Contractor		0 Top (md)	0
API Number		Rig Name/No.		0 Btm (md)	250
Specific Job Type	01 Surface	Rig Phone:		Thread	LTC
		Company Rep			
		Rep Phone No.			
		Mileage (one-way)	40		
		Proposal Date	4/16/2015		

OPERATIONS	Units	UOM	Cost per Unit	Total	Unit Net	Net	Cost per Unit	Cost Total	\$ GP	% GP
Casing Pump Charge 0' to 500'	1.00	min. 4 hr	\$1,512.25	\$ 1,512.25	\$ 937.60	\$937.60				
Subtotal				\$ 1,512.25		\$937.60				
PRODUCTS										
CLASS A COMMON	160.00	per sack	\$17.90	\$ 2,864.00	\$ 11.10	\$1,775.68	\$9.73	\$1,556.80	\$218.88	12.3%
Calcium Chloride	452.00	per pound	\$1.10	\$ 497.20	\$ 0.68	\$308.26	\$15.00	\$6,780.00	-\$6,471.74	-2099.4%
Subtotal				\$ 4,306.20		\$2,669.84		\$8,336.80	-\$6,252.86	-212.26%
TRANSPORT										
Products handling service charge	168.93	per cu. Ft.	\$2.48	\$ 418.96	\$ 1.54	\$259.75				
Drayage for Products	309.82	ton-mile	\$2.75	\$ 852.02	\$ 1.71	\$528.25				
Light Vehicle Mileage	40.00	per mile	\$4.40	\$ 176.00	\$ 2.73	\$109.12				
Heavy Vehicle Mileage	40.00	per mile	\$7.70	\$ 308.00	\$ 4.77	\$190.96				
Subtotal				\$ 1,754.97		\$1,088.08				
Totals:				\$ 7,573.42		\$4,695.52				
DISCOUNT: Operations			38.0%	(574.66)						
DISCOUNT: Equipment Sales			38.0%	0.00						
DISCOUNT: Products			38.0%	(1,636.36)						
DISCOUNT: Transport			38.0%	(666.89)						
DISCOUNT: ADDITIONAL ITEMS			38.0%	0.00						
			Total	(2,877.90)						

Services Total	Gross	Discount	Final	Costs:	\$ GP	% GP	
Materials Total	\$3,267.22	\$1,241.55	\$2,025.68	Services	\$911.56	\$1,114.12	55.00%
Final Total	\$4,306.20	\$1,636.36	\$2,669.84	Materials	\$8,336.80	-\$5,666.96	-212.26%
	\$7,573.42	\$2,877.90	\$4,695.52	Total	\$9,248.36	-\$4,552.83	-96.96%

ADDITIONAL ITEMS	Units	UOM	Cost per Unit	Total	Unit Net	Net
Additional hours, in excess of set hours	1.00	per hour	\$440.00	\$ 440.00	\$ 272.80	\$272.80
Subtotal:						\$272.80



PO Box 93999
Southlake, TX 76092

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

PAID MAY 22 2015
CK# 48312
\$ 32,516.23

RECEIVED

MAY 20 ENT'D

INVOICE

Invoice Number: 149447
Invoice Date: Apr 29, 2015
Page: 1

Federal Tax I.D.#: 20-8651475

Handwritten: X3550

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

Customer ID	Field Ticket #	Payment Terms	
Land	63871	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Apr 29, 2015	5/29/15

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Wesseler #1-28		
445.00	CEMENT MATERIALS	65/35/6% Gel Blend	19.88	8,846.60
175.00	CEMENT MATERIALS	ASC	23.50	4,112.50
25.00	CEMENT MATERIALS	Defoamer	3.50	87.50
49.00	CEMENT MATERIALS	FL-160	18.90	926.10
1,050.00	CEMENT MATERIALS	Gilsonite	0.98	1,029.00
111.00	CEMENT MATERIALS	Flo Seal	2.97	329.67
12.00	CEMENT MATERIALS	WFR-2	41.09	493.08
721.21	CEMENT SERVICE	Cubic Feet Charge	2.48	1,788.60
1,219.00	CEMENT SERVICE	Ton Mileage Charge	2.75	3,352.25
1.00	CEMENT SERVICE	Production -- Bottom Stage	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
40.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	176.00
1.00	CEMENT SERVICE	Manifold Rental	275.00	275.00
1.00	EQUIPMENT SALES	5-1/2 D V Tool	5,335.00	5,335.00
1.00	EQUIPMENT SALES	5-1/2 D V Tool	5,335.00	5,335.00
1.00	EQUIPMENT SALES	5-1/2 AFU Float Shoe	545.00	545.00
1.00	EQUIPMENT SALES	5-1/2 Latch Down Assembly	660.00	660.00
3.00	EQUIPMENT SALES	5-1/2 Basket	395.00	1,185.00
14.00	EQUIPMENT SALES	5-1/2 Centralizer	95.00	1,330.00

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

\$ 15,688.79

ONLY IF PAID ON OR BEFORE
May 29, 2015

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



PO Box 93999
Southlake, TX 76092

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

INVOICE

Invoice Number: 149447
Invoice Date: Apr 29, 2015
Page: 2

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	63871	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Apr 29, 2015	5/29/15

Quantity	Item	Description	Unit Price	Amount
1.00	CEMENT SUPERVISOR	Alan Ryan		
1.00	EQUIPMENT OPERATOR	Kevin Ryan		
1.00	CEMENT SUPERVISOR	Paul Beaver		
1.00	EQUIPMENT OPERATOR	Brandon Wilkinson		
			0.00	

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

\$ 15,688.79

ONLY IF PAID ON OR BEFORE
May 29, 2015

Subtotal		41,286.30
Sales Tax	43,748.78 +	2,462.48
Total Invoice Amount	15,688.79 -	43,748.78
Payment/Credit Applied	000	
TOTAL	28,059.99 +	43,748.78

ALLIED OIL & GAS SERVICES, LLC 063871

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:

DATE <u>4/20/15</u>	SEC. <u>28</u>	TWP. <u>16</u>	RANGE <u>34</u>	CALLED OUT	ON LOCATION <u>10:30 - 11:30 AM</u>	JOB START <u>3:00 PM</u>	JOB FINISH <u>4:00 PM</u>
LEASE <u>Wasseller</u>	WELL # <u>1-28</u>	LOCATION <u>Pence #345 write</u>			COUNTY <u>Wichita</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR <u>Murphy 21</u>	OWNER <u>Same</u>
TYPE OF JOB <u>Prod 2 Stage</u>	
HOLE SIZE <u>7 1/2</u>	T.D.
CASING SIZE <u>5 1/2</u>	DEPTH <u>4872</u>
TUBING SIZE	DEPTH
DRILL PIPE <u>4 1/2</u>	DEPTH
TOOL <u>AV</u>	DEPTH <u>2464 - 16</u>
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT <u>42 1/2</u>
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT	

EQUIPMENT

PUMP TRUCK	CEMENTER <u>Alan Ryan</u>
# <u>495-281</u>	HELPER <u>Kevin Ryan</u>
BULK TRUCK	
# <u>890</u>	DRIVER <u>Paul Beaver</u>
BULK TRUCK	
# <u>891</u>	DRIVER <u>Brandon W. Kinson</u>

CEMENT		
AMOUNT ORDERED	<u>175 ASC 1000 @ 67 Gilsonite 120</u>	
	<u>gal #3090 F110 #14 10/12/14 #100</u>	
	<u>445 65/35 60 gal 104 F10</u>	
	<u>65/35 60</u>	
POZMIX	<u>445 5/L @ 19.88</u>	<u>8846.00</u>
GEL	@	
CHLORIDE	@	
ASC	<u>175 5/L @ 23.50</u>	<u>4112.50</u>
	@	
<u>DeFramer</u>	<u>25 @ 3.20</u>	<u>82.50</u>
<u>F1100</u>	<u>49 @ 18.20</u>	<u>892.00</u>
<u>Gilsonite</u>	<u>1050 @ 2.98</u>	<u>3129.00</u>
<u>F10 Sand</u>	<u>11 @ 2.22</u>	<u>24.42</u>
	@	
<u>WART</u>	<u>10 @ 41.99</u>	<u>419.90</u>
	@	
HANDLING	<u>721.2088 @ 2.48</u>	<u>1788.50</u>
MILEAGE	<u>25 miles @ 30.475</u>	<u>762.00</u>
		<u>3352.25</u>
		<u>MATERIAL - TOTAL 15,824.45</u>

REMARKS:
 Analytically mix water, mix ASC, wash truck, displace H₂O - 56 (601329/383)
 R/g mud 800 w/ 800 PSI GEL, sand 1500
 Open tool 800 G, 4 hrs mix 30RH
 15 mg mix 400 5/L down 5 1/2, Wash truck
 Displace w/ 59 800 w/ 1000 PSI GEL
 sand 3000 700! closed cement
 did cement to pit
 Throd 4
 Alan, Kevin, Paul
 Brandon

CHARGE TO: Landmark Resources
 STREET _____
 CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	<u>4872</u>	
PUMP TRUCK CHARGE		<u>2265.25</u>
EXTRA FOOTAGE		
MILEAGE	<u>40 @ 7.20</u>	<u>288.00</u>
MANIFOLD	@	<u>225.00</u>
<u>Dr Vehicle</u>	<u>40 @ 4.40</u>	<u>176.00</u>
<u>Top Stage</u>	@	<u>2400.25</u>
		<u>(4105.35/383) TOTAL 10,803.57</u>

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.

PLUG & FLOAT EQUIPMENT

<u>AV 7001</u>		<u>5335.00</u>
<u>AV 7001</u>	@	<u>5335.00</u>
<u>APU Float shoe</u>	@	<u>545.00</u>
<u>Laschovan Assembly</u>	@	<u>660.00</u>
<u>Probes</u>	@	<u>395.00</u>
<u>Centrifuges Turbo-19</u>	@	<u>95.00</u>
		<u>(5468.00/383) TOTAL 14,390.00</u>

PRINTED NAME Jason Walker
 SIGNATURE

SALES TAX (If Any) _____
 TOTAL CHARGES 41,018.92
 DISCOUNT 15,586.84/383 IF PAID IN 30 DAYS
25,431.17 Net.