



DRILL STEM TEST REPORT

Prepared For: **Landmark Resources Inc**

1616 S Voss Rd Ste 600
Houston, TX 77057-2641

ATTN: Terry McLeod

Dirks #1-2

2-17s-34w Scott,KS

Start Date: 2014.05.11 @ 09:08:29

End Date: 2014.05.11 @ 19:00:14

Job Ticket #: 49199 DST #: 1

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

Printed: 2014.05.15 @ 14:32:21



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Landmark Resources Inc
 1616 S Voss Rd Ste 600
 Houston, TX 77057-2641
 ATTN: Terry McLeod

2-17s-34w Scott,KS

Dirks #1-2

Job Ticket: 49199

DST#: 1

Test Start: 2014.05.11 @ 09:08:29

GENERAL INFORMATION:

Formation: **Marmaton**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 11:11:59
 Time Test Ended: 19:00:14
 Interval: **4445.00 ft (KB) To 4493.00 ft (KB) (TVD)**
 Total Depth: 4493.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Shane McBride
 Unit No: 55
 Reference Elevations: 3112.00 ft (KB)
 3107.00 ft (CF)
 KB to GR/CF: 5.00 ft

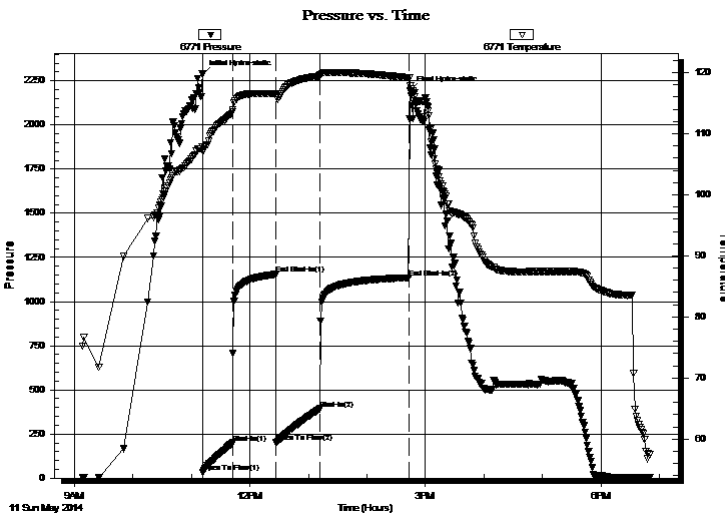
Serial #: 6771

Inside

Press@RunDepth: 392.97 psig @ 4446.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.05.11 End Date: 2014.05.11 Last Calib.: 2014.05.11
 Start Time: 09:08:29 End Time: 18:50:14 Time On Btm: 2014.05.11 @ 11:11:29
 Time Off Btm: 2014.05.11 @ 14:44:29

TEST COMMENT: B.O.B. in 5 1/2 min.
 Surface return in 4 min. built to 4 1/2"
 B.O.B. in 5 1/2 min.
 Surface return in 4 min. built to 8"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2287.43	107.78	Initial Hydro-static
1	33.68	107.20	Open To Flow (1)
31	199.99	113.58	Shut-In(1)
75	1153.67	116.60	End Shut-In(1)
76	201.65	116.20	Open To Flow (2)
121	392.97	119.45	Shut-In(2)
212	1135.34	119.17	End Shut-In(2)
213	2196.66	117.93	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
73.00	c g o 30g 70o	1.02
882.00	c g o (reversed out) 35g 65o	12.37
126.00	g m c o 30g 25m 45o	1.77
0.00	554' gas in pipe	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Landmark Resources Inc

2-17s-34w Scott,KS

1616 S Voss Rd Ste 600
Houston, TX 77057-2641

Dirks #1-2

Job Ticket: 49199

DST#: 1

ATTN: Terry McLeod

Test Start: 2014.05.11 @ 09:08:29

Tool Information

Drill Pipe:	Length: 4445.00 ft	Diameter: 3.80 inches	Volume: 62.35 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 88000.00 lb
			<u>Total Volume: 62.35 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4445.00 ft			Final 71000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	48.00 ft			
Tool Length:	71.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			4423.00	
Shut In Tool	5.00			4428.00	
Hydraulic tool	5.00			4433.00	
Safety Joint	3.00			4436.00	
Packer	5.00			4441.00	23.00 Bottom Of Top Packer
Packer	4.00			4445.00	
Stubb	1.00			4446.00	
Recorder	0.00	6771	Inside	4446.00	
Recorder	0.00	8844	Outside	4446.00	
Perforations	8.00			4454.00	
Change Over Sub	1.00			4455.00	
Drill Pipe	32.00			4487.00	
Change Over Sub	1.00			4488.00	
Bullnose	5.00			4493.00	48.00 Bottom Packers & Anchor

Total Tool Length: 71.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Landmark Resources Inc

2-17s-34w Scott,KS

1616 S Voss Rd Ste 600
Houston, TX 77057-2641

Dirks #1-2

Job Ticket: 49199

DST#: 1

ATTN: Terry McLeod

Test Start: 2014.05.11 @ 09:08:29

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

26 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.94 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 9000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
73.00	c g o 30g 70o	1.024
882.00	c g o (reversed out) 35g 65o	12.372
126.00	g m c o 30g 25m 45o	1.767
0.00	554' gas in pipe	0.000

Total Length: 1081.00 ft

Total Volume: 15.163 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

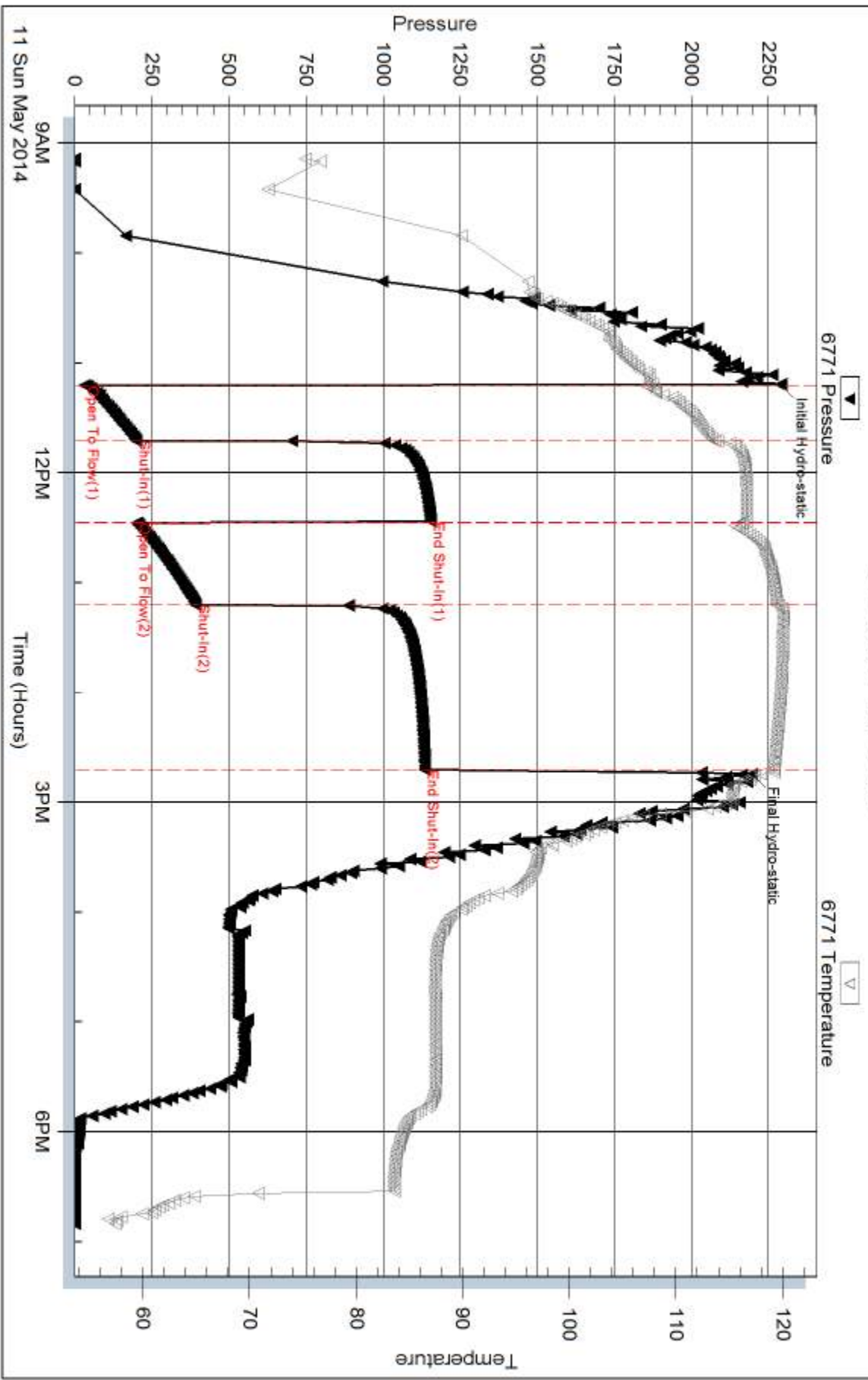
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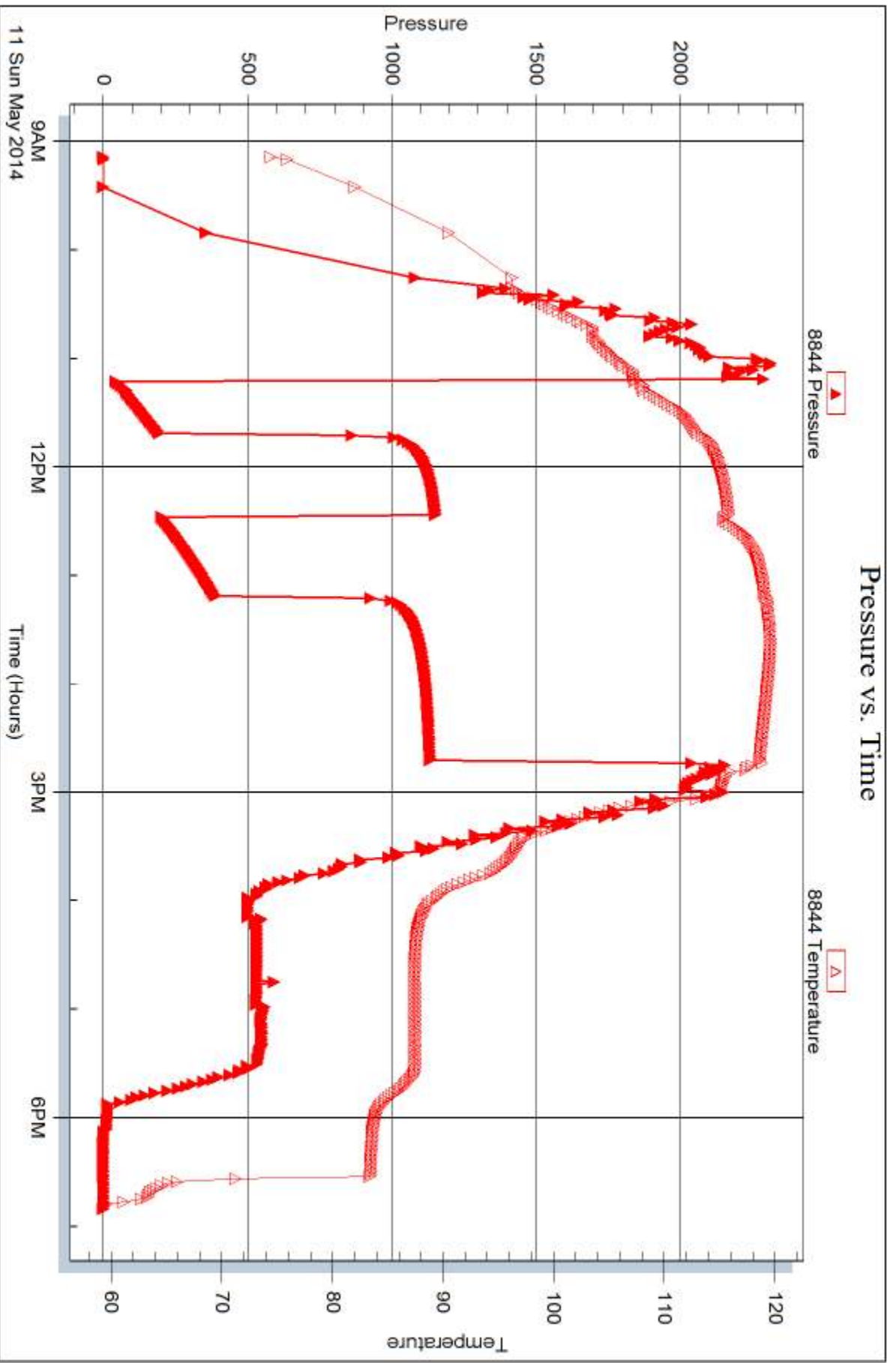
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time







DRILL STEM TEST REPORT

Prepared For: **Landmark Resources Inc**

1616 S Voss Rd Ste 600
Houston, TX 77057-2641

ATTN: Terry McLeod

Dirks #1-2

2-17s-34w Scott,KS

Start Date: 2014.05.12 @ 04:30:40

End Date: 2014.05.12 @ 14:26:10

Job Ticket #: 59051 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.05.15 @ 14:31:58



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Landmark Resources Inc
1616 S Voss Rd Ste 600
Houston, TX 77057-2641
ATTN: Terry McLeod

2-17s-34w Scott,KS

Dirks #1-2

Job Ticket: 59051

DST#: 2

Test Start: 2014.05.12 @ 04:30:40

GENERAL INFORMATION:

Formation: **Altamont**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:26:25

Time Test Ended: 14:26:10

Test Type: Conventional Bottom Hole (Reset)

Tester: Shane McBride

Unit No: 55

Interval: 4495.00 ft (KB) To 4520.00 ft (KB) (TVD)

Reference Elevations: 3112.00 ft (KB)

Total Depth: 4520.00 ft (KB) (TVD)

3107.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6771

Inside

Press@RunDepth: 359.69 psig @ 4496.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.05.12

End Date:

2014.05.12

Last Calib.: 2014.05.12

Start Time: 04:30:40

End Time:

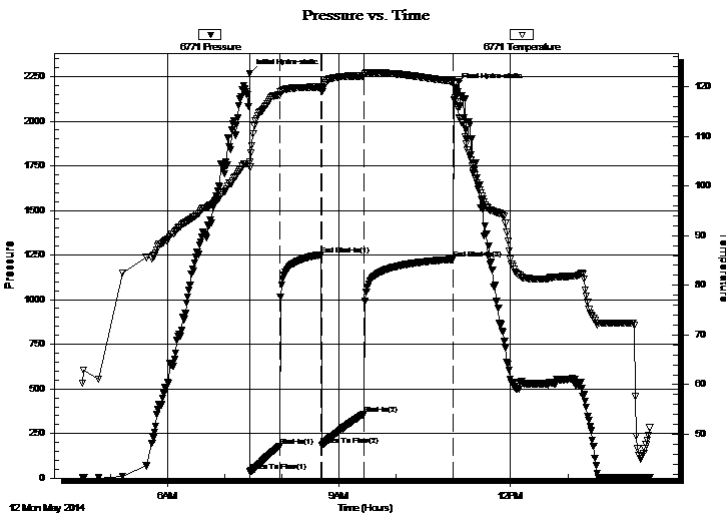
14:26:10

Time On Btm: 2014.05.12 @ 07:26:10

Time Off Btm: 2014.05.12 @ 11:01:55

TEST COMMENT: B.O.B. in 3 min.
3 1/2" return blow
B.O.B. in 6 min
9" return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2266.02	104.80	Initial Hydro-static
1	36.00	103.75	Open To Flow (1)
31	179.24	118.29	Shut-In(1)
75	1252.21	119.88	End Shut-In(1)
76	182.97	119.21	Open To Flow (2)
120	359.69	122.16	Shut-In(2)
214	1226.63	121.03	End Shut-In(2)
216	2188.60	117.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
68.00	c g o 25g 75o	0.95
819.00	c g o (reversed out) 30g 70o	11.49
126.00	g m c o (under circ sub) 35g 30m 35o	1.77
0.00	504' gas in pipe	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Landmark Resources Inc

2-17s-34w Scott,KS

1616 S Voss Rd Ste 600
Houston, TX 77057-2641

Dirks #1-2

Job Ticket: 59051

DST#: 2

ATTN: Terry McLeod

Test Start: 2014.05.12 @ 04:30:40

Tool Information

Drill Pipe:	Length: 4477.00 ft	Diameter: 3.80 inches	Volume: 62.80 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 62.80 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4495.00 ft			Final 66000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	48.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			4473.00	
Shut In Tool	5.00			4478.00	
Hydraulic tool	5.00			4483.00	
Safety Joint	3.00			4486.00	
Packer	5.00			4491.00	23.00 Bottom Of Top Packer
Packer	4.00			4495.00	
Stubb	1.00			4496.00	
Recorder	0.00	6771	Inside	4496.00	
Recorder	0.00	8844	Outside	4496.00	
Perforations	19.00			4515.00	
Bullnose	5.00			4520.00	25.00 Bottom Packers & Anchor

Total Tool Length: 48.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Landmark Resources Inc
1616 S Voss Rd Ste 600
Houston, TX 77057-2641
ATTN: Terry McLeod

2-17s-34w Scott,KS
Dirks #1-2
Job Ticket: 59051 **DST#: 2**
Test Start: 2014.05.12 @ 04:30:40

Mud and Cushion Information

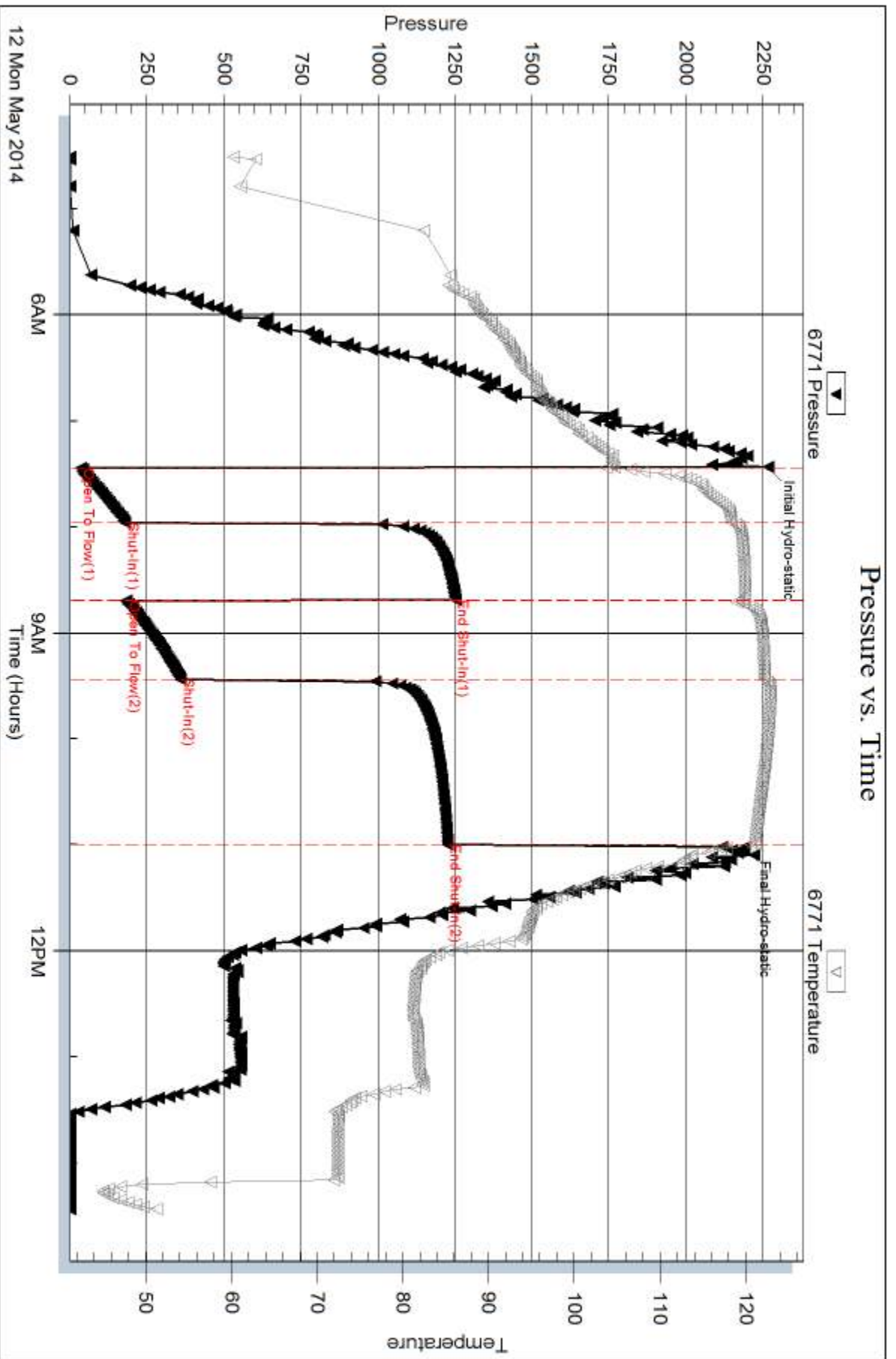
Mud Type: Gel Chem	Cushion Type:	Oil API: 30 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 0 ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.91 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 9000.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
68.00	c g o 25g 75o	0.954
819.00	c g o (reversed out) 30g 70o	11.488
126.00	g m c o (under circ sub) 35g 30m 35o	1.767
0.00	504' gas in pipe	0.000

Total Length: 1013.00 ft Total Volume: 14.209 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

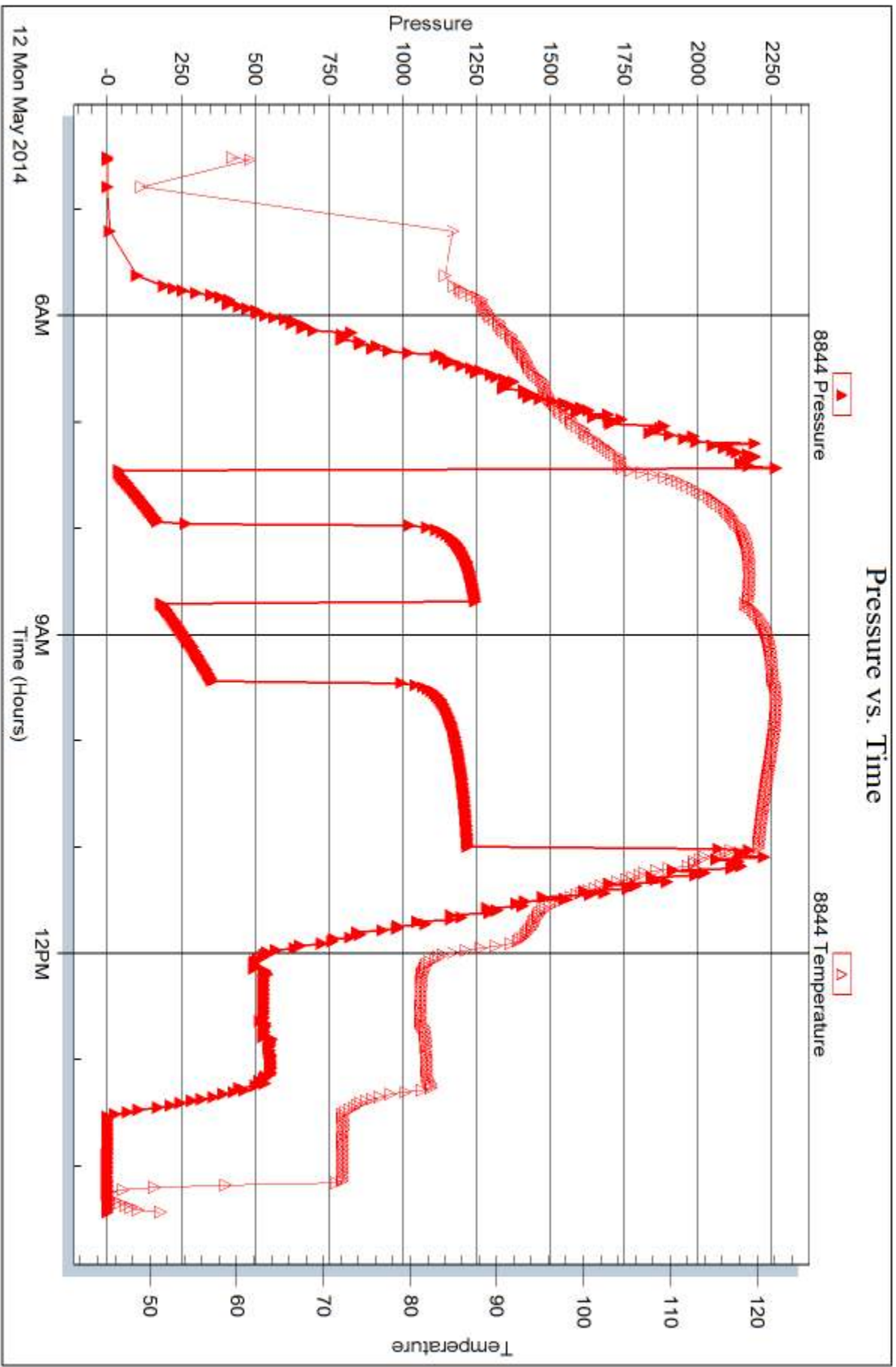


Serial #: 8844

Outside Landmark Resources Inc

Diks #1-2

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 59051

Printed: 2014.05.15 @ 14:31:59



DRILL STEM TEST REPORT

Prepared For: **Landmark Resources Inc**

1616 S Voss Rd Ste 600
Houston, TX 77057-2641

ATTN: Terry McLeod

Dirks #1-2

2-17s-34w Scott,KS

Start Date: 2014.05.13 @ 22:30:57

End Date: 2014.05.14 @ 06:10:27

Job Ticket #: 59052 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.05.15 @ 14:31:12



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Landmark Resources Inc
 1616 S Voss Rd Ste 600
 Houston, TX 77057-2641
 ATTN: Terry McLeod

2-17s-34w Scott,KS

Dirks #1-2

Job Ticket: 59052

DST#: 3

Test Start: 2014.05.13 @ 22:30:57

GENERAL INFORMATION:

Formation: **Johnson**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:24:57
 Time Test Ended: 06:10:27
 Interval: **4641.00 ft (KB) To 4752.00 ft (KB) (TVD)**
 Total Depth: 4752.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Shane McBride
 Unit No: 55
 Reference Elevations: 3112.00 ft (KB)
 3107.00 ft (CF)
 KB to GR/CF: 5.00 ft

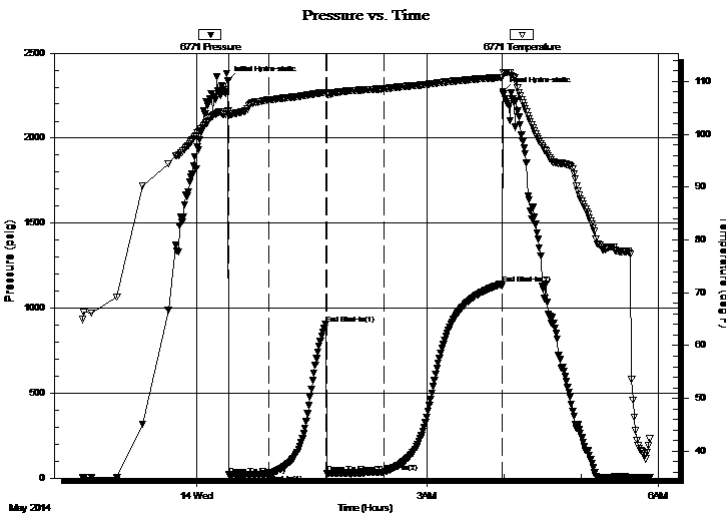
Serial #: 6771

Inside

Press@RunDepth: 32.96 psig @ 4642.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.05.13 End Date: 2014.05.14 Last Calib.: 2014.05.14
 Start Time: 22:30:57 End Time: 05:53:27 Time On Btm: 2014.05.14 @ 00:24:27
 Time Off Btm: 2014.05.14 @ 03:59:12

TEST COMMENT: 3 1/2" blow
 No return
 8 3/4" blow
 No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2340.21	104.39	Initial Hydro-static
1	18.84	103.81	Open To Flow (1)
32	23.20	106.48	Shut-In(1)
76	906.37	107.91	End Shut-In(1)
77	28.68	107.56	Open To Flow (2)
122	32.96	108.62	Shut-In(2)
214	1142.16	110.74	End Shut-In(2)
215	2275.86	111.71	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	s g o c m 5g 35o 60m	0.70
0.00	show of free oil on top 2" in	0.00
0.00	136' gas in pipe	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Landmark Resources Inc

2-17s-34w Scott,KS

1616 S Voss Rd Ste 600
Houston, TX 77057-2641

Dirks #1-2

Job Ticket: 59052

DST#: 3

ATTN: Terry McLeod

Test Start: 2014.05.13 @ 22:30:57

Tool Information

Drill Pipe:	Length: 4636.00 ft	Diameter: 3.80 inches	Volume: 65.03 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 65.03 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4641.00 ft			Final 63000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	111.00 ft			
Tool Length:	134.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4619.00	
Shut In Tool	5.00			4624.00	
Hydraulic tool	5.00			4629.00	
Safety Joint	3.00			4632.00	
Packer	5.00			4637.00	23.00 Bottom Of Top Packer
Packer	4.00			4641.00	
Stubb	1.00			4642.00	
Recorder	0.00	6771	Inside	4642.00	
Recorder	0.00	8844	Outside	4642.00	
Perforations	8.00			4650.00	
Change Over Sub	1.00			4651.00	
Drill Pipe	95.00			4746.00	
Change Over Sub	1.00			4747.00	
Bullnose	5.00			4752.00	111.00 Bottom Packers & Anchor

Total Tool Length: 134.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Landmark Resources Inc

2-17s-34w Scott,KS

1616 S Voss Rd Ste 600
Houston, TX 77057-2641

Dirks #1-2

Job Ticket: 59052

DST#: 3

ATTN: Terry McLeod

Test Start: 2014.05.13 @ 22:30:57

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	s g o c m 5g 35o 60m	0.701
0.00	show of free oil on top 2" in	0.000
0.00	136' gas in pipe	0.000

Total Length: 50.00 ft Total Volume: 0.701 bbl

Num Fluid Samples: 0

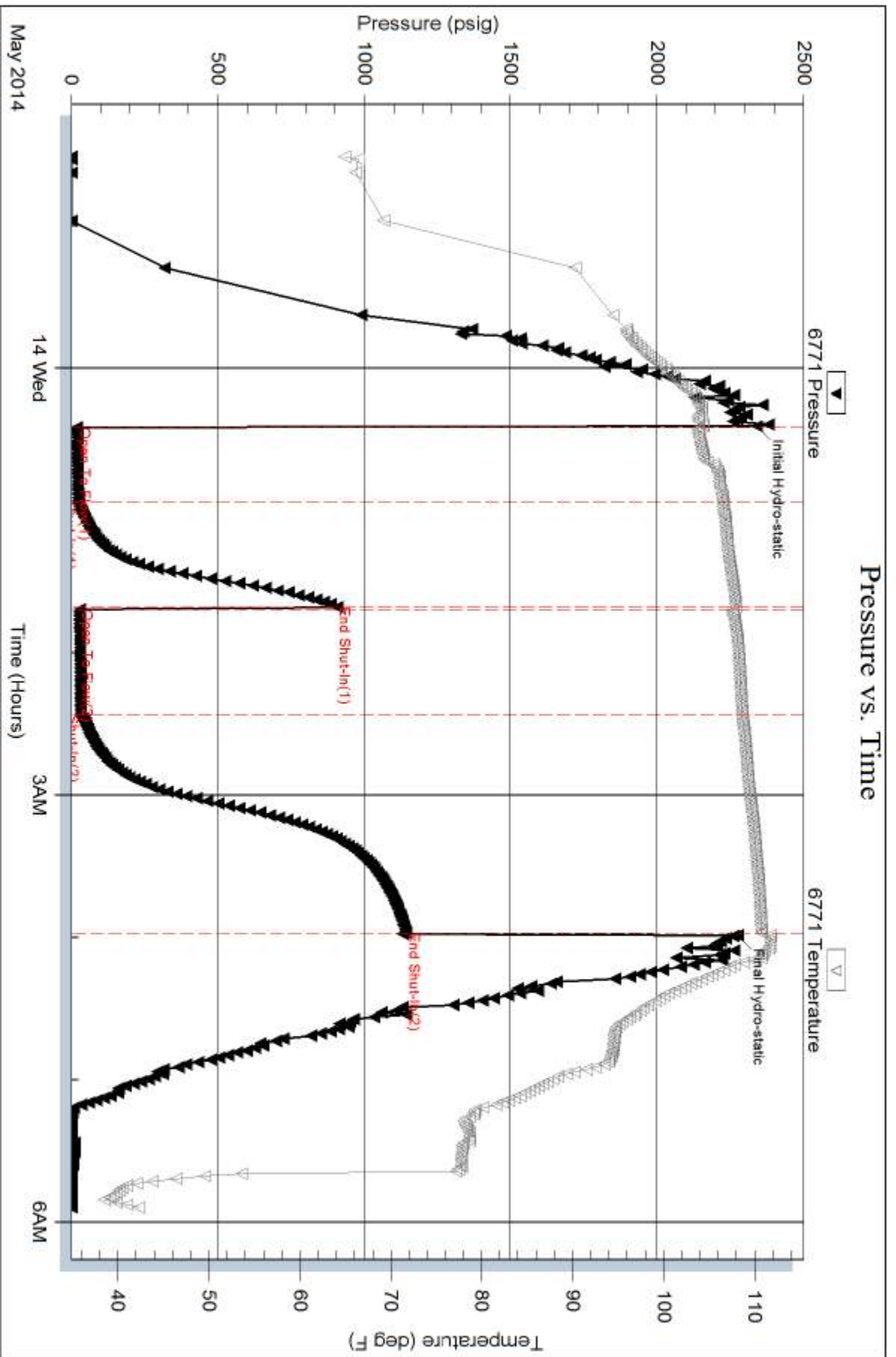
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

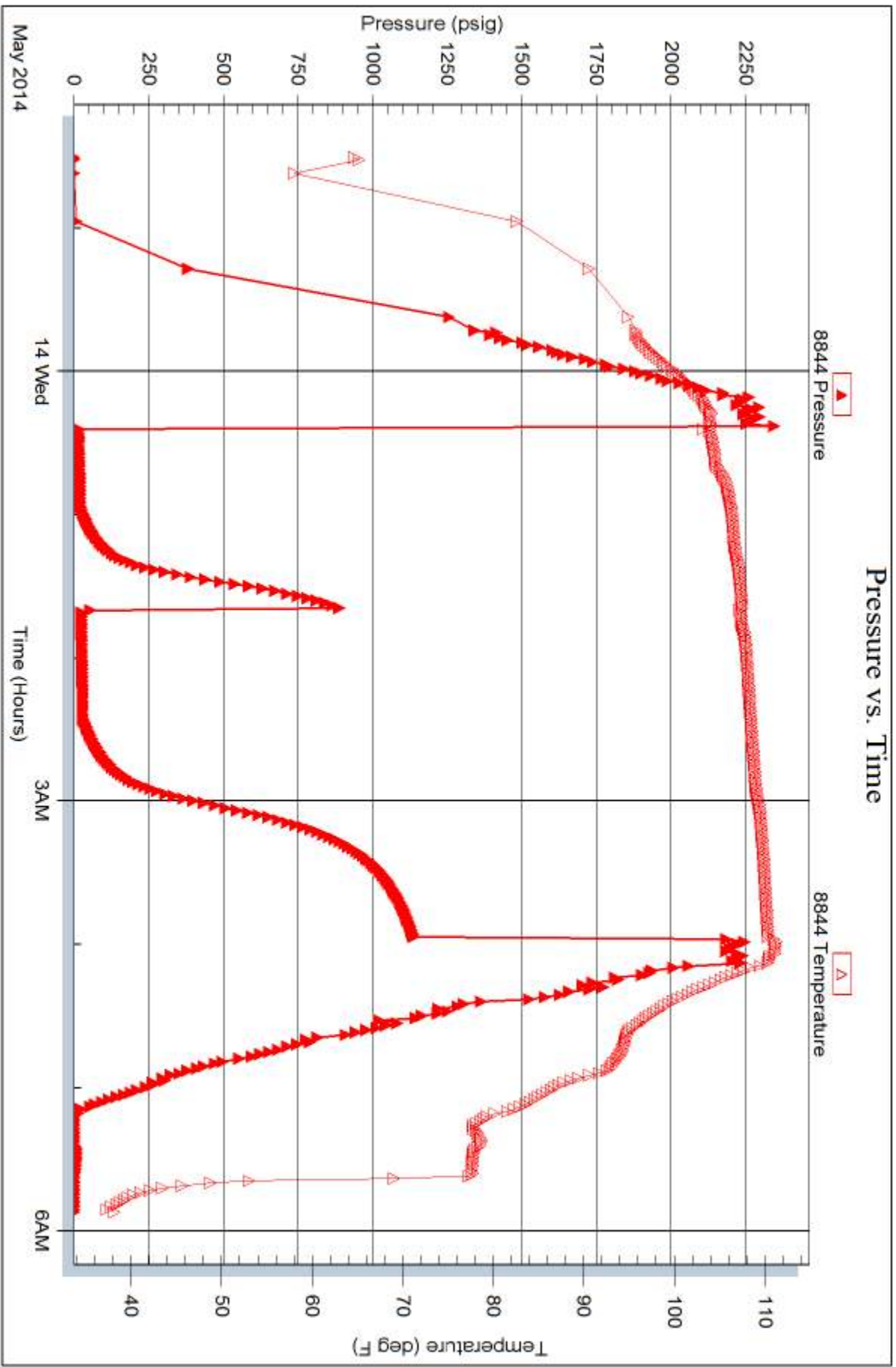


Serial #: 8844

Outside Landmark Resources Inc

Diks #1-2

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 59052

Printed: 2014.05.15 @ 14:31:13



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 49199

Well Name & No. Dirks #1-2 Test No. #1 Date 5/11/14
 Company Landmark Resources Inc Elevation 3112 KB 3107 GL
 Address Nelle S Voss Rd. Ste 600 Houston, TX 77057-2041
 Co. Rep / Geo. Terry McLeod Rig L.D. #1
 Location: Sec. 2 Twp. 17E Rge. 34W Co. Scott State Ks

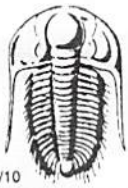
Interval Tested 4445 4493 Zone Tested Marmaton
 Anchor Length 48 Drill Pipe Run 4445 Mud Wt. 9.4
 Top Packer Depth 4440 Drill Collars Run — Vis 50
 Bottom Packer Depth 4445 Wt. Pipe Run — WL 10.0
 Total Depth 4493 Chlorides 9000 ppm System LCM #1

Blow Description B.O.B. in 5 1/2 min
Surface return in 4 min built to 4 1/2 inches
B.O.B. in 5 1/2 min.
Surface return in 4 min built to 8 inches

Rec	Feet of	%gas	%oil	%water	%mud
<u>73'</u>	<u>CGO</u>				
<u>882'</u>	<u>CGO (Reversed out)</u>				
<u>126'</u>	<u>gmcO (under case sub)</u>				
	<u>554' GAS IN PIPE</u>				

Rec Total 1081' BHT 119° Gravity 26 API RW — @ — F Chlorides — ppm
 (A) Initial Hydrostatic 2287 Test 1250 T-On Location First time 05:00
 (B) First Initial Flow 33 Jars T-On Location Second - 07:00
 (C) First Final Flow 200 Safety Joint 75 T-Started 09:08
 (D) Initial Shut-In 1153 Circ Sub #50 00 T-Open 11:12
 (E) Second Initial Flow 201 Hourly Standby T-Pulled 14:42
 (F) Second Final Flow 392 Mileage 40x2 80 ground traps T-Out 19:00
 (G) Final Shut-In 1135 Sampler 124 Comments Told to be on bank 05:15
 (H) Final Hydrostatic 2194 Straddle Rig just got to bottom w/ shut trip
 Shale Packer Told be on bank 08:00
 Shale Packer Ruined Shale Packer
 Extra Packer Ruined Packer
 Extra Recorder
 Day Standby
 Accessibility
 Sub Total 1499 Sub Total 1499
 Initial Open 30
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 90

Approved By Terry McLeod Our Representative [Signature]
 Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 59051

Well Name & No. Dicks # 1-2 Test No. #2 Date 5/12/14
 Company Landmark Resources Inc Elevation 3112 KB 3107 GL
 Address 1614 S. Vassar Rd Ste. 1000 Houston, Tx. 77057-2641
 Co. Rep / Geo. Terry McLeod Rig L.D. #1
 Location: Sec. 2 Twp. 17S Rge. 3E/W Co. Scott State Ks

Interval Tested 4495 4520 Zone Tested Altamont
 Anchor Length 25 Drill Pipe Run 4477 Mud Wt. 9.4
 Top Packer Depth 4490 Drill Collars Run — Vis 50
 Bottom Packer Depth 4495 Wt. Pipe Run — WL 10.0
 Total Depth 4520 Chlorides 9000 ppm System LCM #1

Blow Description B.O.B. in 3 min
Surface returned in 2 min, built to 3 1/2" w.
B.O.B. in 1 min
Surface returned in 2 min, built to 9" w.

Rec	Feet of	%gas	%oil	%water	%mud
68'	C90	25%	75%		
819'	C90 (Reversed out)	30%	70%		
126'	GMCO (under circ sub)	35%	35%		30%
		%gas	%oil	%water	%mud
	(504' GAS IN PIPE)	%gas	%oil	%water	%mud

Rec Total 1013 BHT 122' Gravity 30 API RW — @ — F Chlorides — ppm

(A) Initial Hydrostatic 2266 Test 1250 T-On Location 04:00
 (B) First Initial Flow 36 Jars — T-Started 04:30
 (C) First Final Flow 179 Safety Joint 75 T-Open 07:26
 (D) Initial Shut-In 1252 Circ Sub #50⁰⁰ T-Pulled 10:50
 (E) Second Initial Flow 182 Hourly Standby — T-Out 14:30
 (F) Second Final Flow 359 Mileage 40 RT 62 Comments —
 (G) Final Shut-In 1224 Sampler —
 (H) Final Hydrostatic 2188 Straddle — Ruined Shale Packer —
 Shale Packer — Ruined Packer —
 Extra Packer — Extra Copies —
 Extra Recorder — Sub Total 0
 Day Standby — Total 1437
 Accessibility — MP/DST Disc't —

Initial Open 30
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 90
 Sub Total 1437

Approved By Terry McLeod Our Representative [Signature]

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. 59052

Well Name & No. Dinks #1-2 Test No. #3 Date 5/14/14
 Company Leadmark Resources, Inc. Elevation 3112 KB 3107 GL
 Address 1616 S. Boss Rd Ste 600 Houston, TX 77057-2641
 Co. Rep / Geo. Terry McLead Rig L.D. #1
 Location: Sec. 2 Twp. 17S Rge. 34W Co. Scott State KS

Interval Tested 4641 4752 Zone Tested Johnson
 Anchor Length 111' Drill Pipe Run 4636 Mud Wt. 9.2
 Top Packer Depth 4636 Drill Collars Run — Vis 50
 Bottom Packer Depth 4641 Wt. Pipe Run — WL 8.0
 Total Depth 4752 Chlorides 1000 ppm System LCM #2

Blow Description 3 1/2" w blow
No return
8 3/4" w blow
No return

Rec	Feet of	%gas	%oil	%water	%mud
50'	590cm	5	35	60	
	Shed free oil on top 2"				
	(136' GAS IN PIPE)				

Rec Total 50' BHT 111' Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic	<u>2340</u>	<input checked="" type="checkbox"/> Test	<u>1250</u>	T-On Location	<u>22:05</u>
(B) First Initial Flow	<u>18</u>	<input type="checkbox"/> Jars		T-Started	<u>22:30</u>
(C) First Final Flow	<u>23</u>	<input checked="" type="checkbox"/> Safety Joint	<u>75</u>	T-Open	<u>00:25</u>
(D) Initial Shut-In	<u>906</u>	<input checked="" type="checkbox"/> Circ Sub	<u>N/C</u>	T-Pulled	<u>03:55</u>
(E) Second Initial Flow	<u>28</u>	<input type="checkbox"/> Hourly Standby		T-Out	<u>06:10</u>
(F) Second Final Flow	<u>32</u>	<input checked="" type="checkbox"/> Mileage <u>40</u>	<u>124</u>	Comments	<u>Released Spiked up tools @ 17:00 5/14/14</u>
(G) Final Shut-In	<u>1142</u>	<input type="checkbox"/> Sampler			
(H) Final Hydrostatic	<u>2275</u>	<input type="checkbox"/> Straddle		<input type="checkbox"/> Ruined Shale Packer	

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

Shale Packer
 Extra Packer
 Extra Recorder
 Day Standby
 Accessibility

Sub Total 1449
 Total 1449
 MP/DST Disc't —

Approved By Terry McLead Our Representative [Signature]

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