



DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp.**

9342 E Central
Wichita KS 67206

ATTN: Dave Williams

Shirley Ann A #1-14

14-7s-19w Rooks,KS

Start Date: 2014.07.22 @ 14:15:00

End Date: 2014.07.22 @ 20:33:20

Job Ticket #: 58917 DST #: 1

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

Printed: 2014.09.10 @ 08:10:46



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

McCoy Petroleum Corp.

14-7s-19w Rooks,KS

9342 E Central
Wichita KS 67206

Shirley Ann A #1-14

Job Ticket: 58917

DST#: 1

ATTN: Dave Williams

Test Start: 2014.07.22 @ 14:15:00

GENERAL INFORMATION:

Formation: **Plattsmouth/Toronto**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:35:20

Time Test Ended: 20:33:20

Test Type: Conventional Bottom Hole (Initial)

Tester: Tate Lang

Unit No: 77

Interval: 3043.00 ft (KB) To 3110.00 ft (KB) (TVD)

Reference Elevations: ft (KB)

Total Depth: 3110.00 ft (KB) (TVD)

1922.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: ft

Serial #: 8898 Outside

Press@RunDepth: 37.71 psig @ 3045.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.07.22

End Date:

2014.07.22

Last Calib.:

2014.07.22

Start Time: 14:15:01

End Time:

20:33:20

Time On Btm:

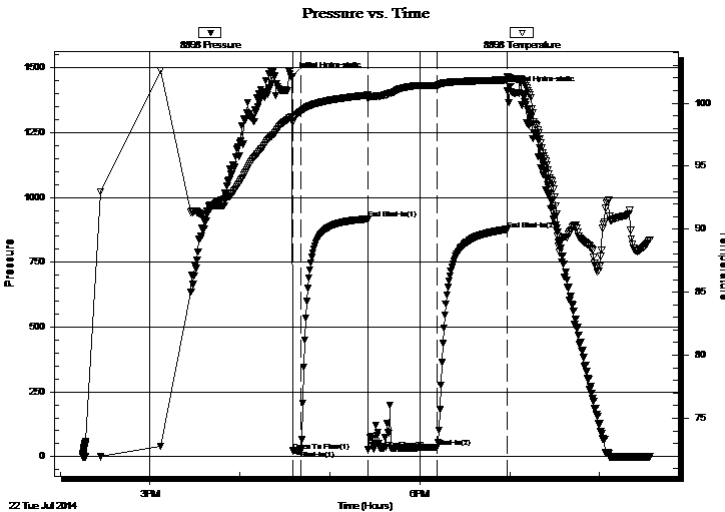
2014.07.22 @ 16:34:50

Time Off Btm:

2014.07.22 @ 18:58:30

TEST COMMENT: Weak surface blow built to 1/2 in
Dead no blow back
Dead no blow
Dead no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1467.08	98.95	Initial Hydro-static
1	22.45	98.48	Open To Flow (1)
6	23.26	99.34	Shut-In(1)
51	916.48	100.64	End Shut-In(1)
51	27.44	100.33	Open To Flow (2)
97	37.71	101.43	Shut-In(2)
144	876.80	101.85	End Shut-In(2)
144	1409.79	102.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	100%M	0.02

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

McCoy Petroleum Corp.

14-7s-19w Rooks,KS

9342 E Central
Wichita KS 67206

Shirley Ann A #1-14

Job Ticket: 58917

DST#: 1

ATTN: Dave Williams

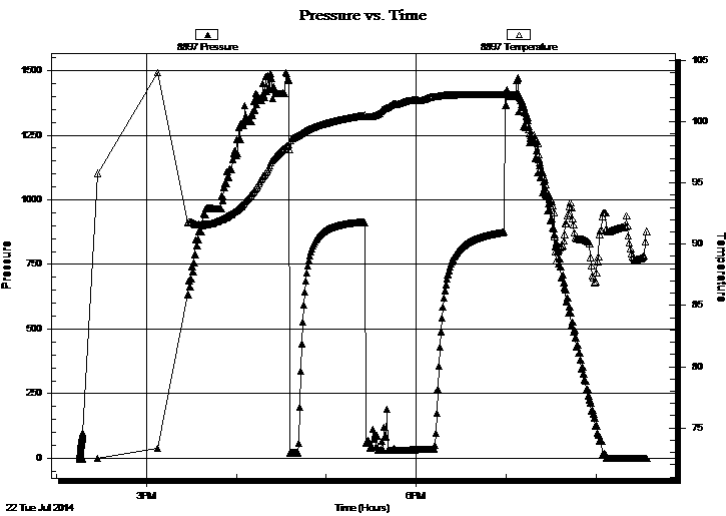
Test Start: 2014.07.22 @ 14:15:00

GENERAL INFORMATION:

Formation: **Plattsmouth/Toronto**
 Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 16:35:20 Tester: Tate Lang
 Time Test Ended: 20:33:20 Unit No: 77
 Interval: **3043.00 ft (KB) To 3110.00 ft (KB) (TVD)** Reference Elevations: ft (KB)
 Total Depth: 3110.00 ft (KB) (TVD) 1922.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: ft

Serial #: 8897 Inside
 Press@RunDepth: psig @ 3045.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.07.22 End Date: 2014.07.22 Last Calib.: 2014.07.22
 Start Time: 14:15:28 End Time: 20:33:47 Time On Btm:
 Time Off Btm:

TEST COMMENT: Weak surface blow built to 1/2 in
 Dead no blow back
 Dead no blow
 Dead no blow back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
5.00	100%M	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corp.

14-7s-19w Rooks,KS

9342 E Central
Wichita KS 67206

Shirley Ann A #1-14

Job Ticket: 58917

DST#: 1

ATTN: Dave Williams

Test Start: 2014.07.22 @ 14:15:00

Tool Information

Drill Pipe:	Length: 2961.00 ft	Diameter: 3.80 inches	Volume: 41.54 bbl	Tool Weight: 2200.00 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: 87.00 ft	Diameter: 2.25 inches	Volume: 0.43 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 41.97 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	3043.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	67.00 ft			
Tool Length:	94.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

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

Shut In Tool	5.00			3021.00	
Hydraulic tool	5.00			3026.00	
Jars	5.00			3031.00	
Safety Joint	2.00			3033.00	
Packer	5.00			3038.00	27.00 Bottom Of Top Packer
Packer	5.00			3043.00	
Stubb	1.00			3044.00	
Perforations	1.00			3045.00	
Recorder	0.00	8897	Inside	3045.00	
Recorder	0.00	8898	Outside	3045.00	
Perforations	29.00			3074.00	
Change Over Sub	1.00			3075.00	
Drill Pipe	31.00			3106.00	
Change Over Sub	1.00			3107.00	
Bullnose	3.00			3110.00	67.00 Bottom Packers & Anchor

Total Tool Length: 94.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corp.

14-7s-19w Rooks,KS

9342 E Central
Wichita KS 67206

Shirley Ann A #1-14

Job Ticket: 58917

DST#: 1

ATTN: Dave Williams

Test Start: 2014.07.22 @ 14:15:00

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:

ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7100.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	100%M	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

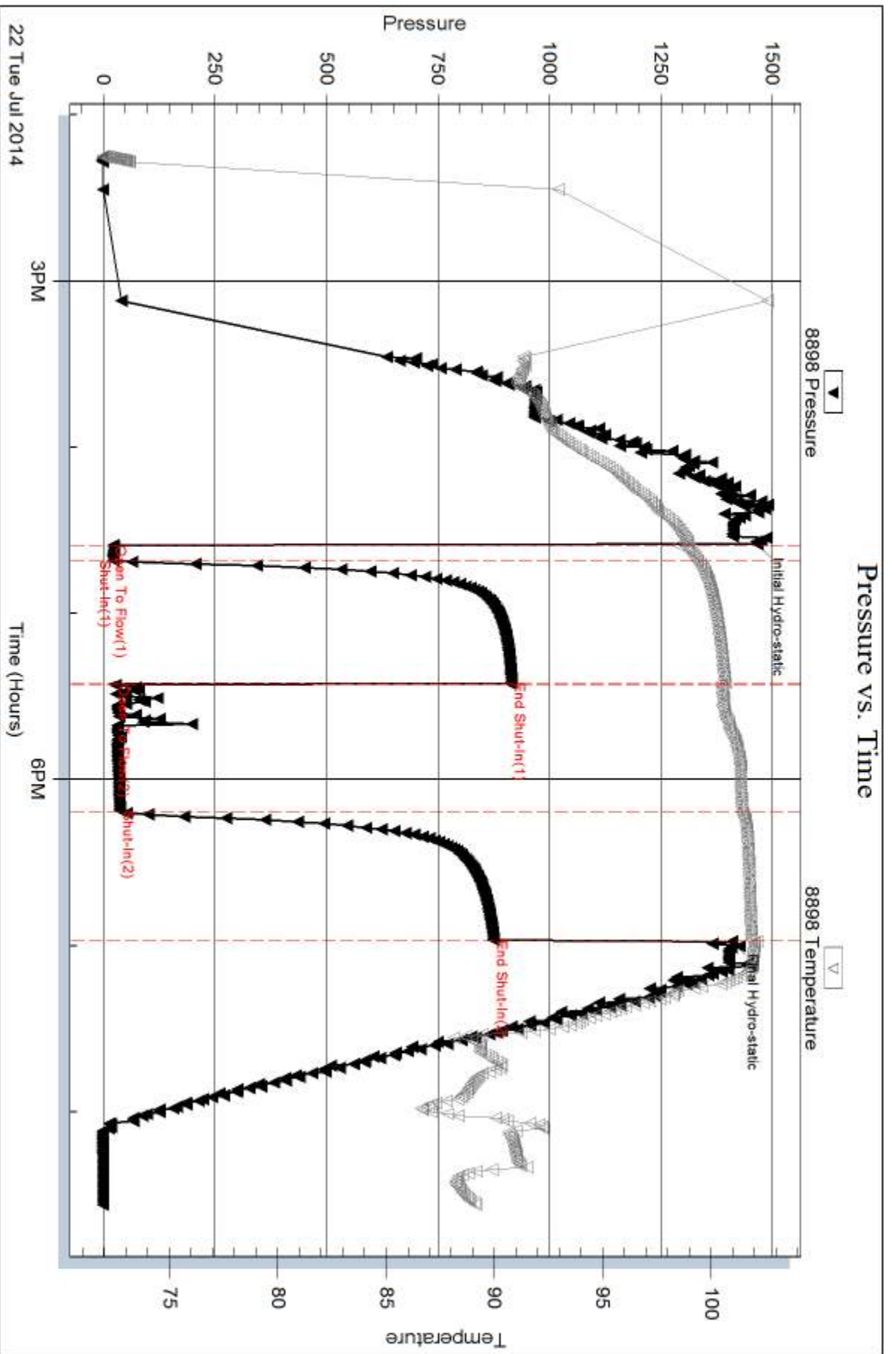
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



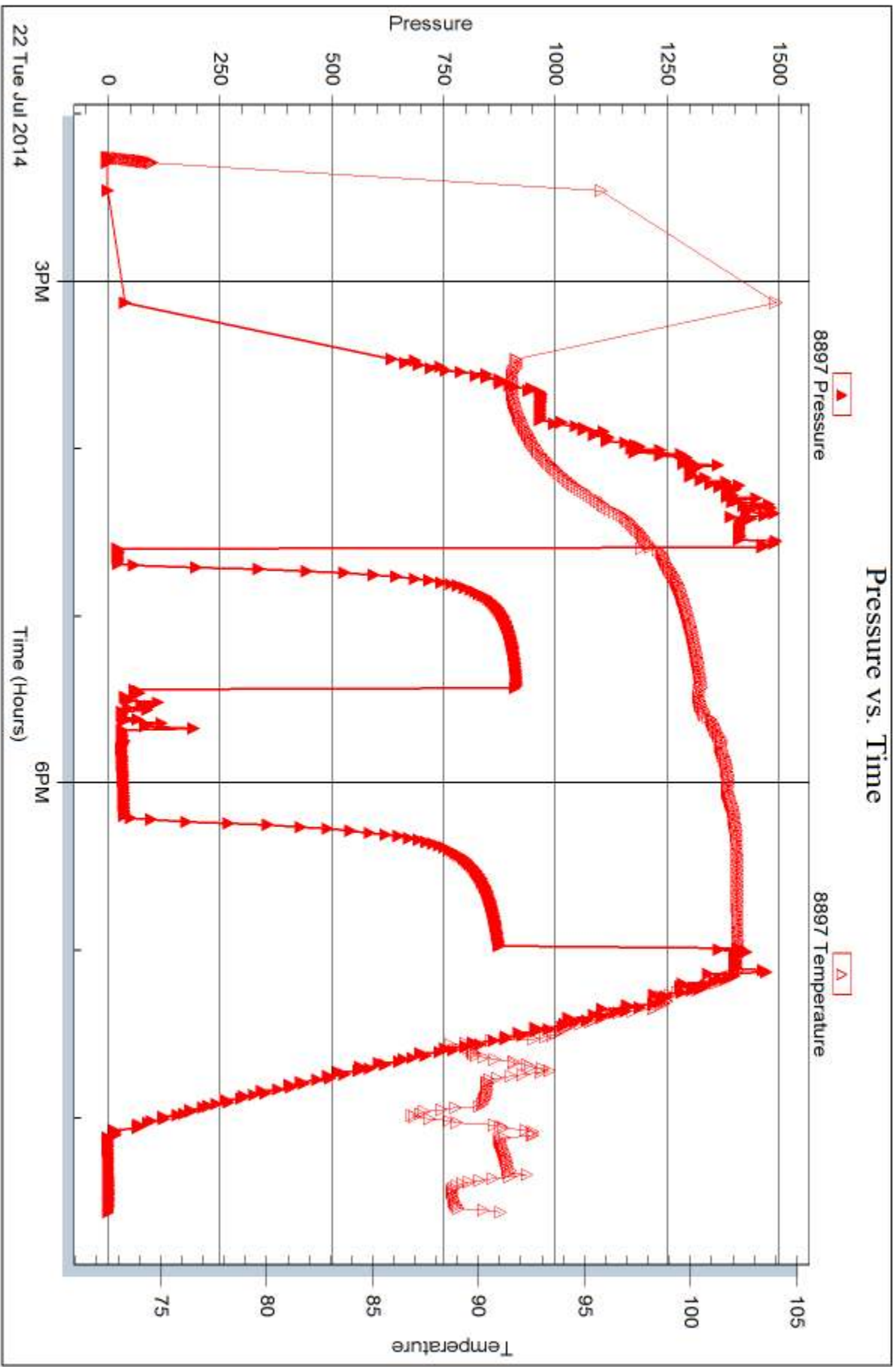
Serial #: 8897

Inside

McCoy Petroleum Corp.

Shirley Ann A #1-14

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp.**

9342 E Central
Wichita KS 67206

ATTN: Dave Williams

Shirley Ann A #1-14

14-7s-19w Rooks,KS

Start Date: 2014.07.24 @ 08:21:20

End Date: 2014.07.24 @ 17:14:39

Job Ticket #: 58918 DST #: 2

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

Printed: 2014.09.10 @ 08:10:24

McCoy Petroleum Corp.

14-7s-19w Rooks,KS

Shirley Ann A #1-14

DST # 2

LKC E-G

2014.07.24



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

McCoy Petroleum Corp.

14-7s-19w Rooks,KS

9342 E Central
Wichita KS 67206

Shirley Ann A #1-14

ATTN: Dave Williams

Job Ticket: 58918

DST#: 2

Test Start: 2014.07.24 @ 08:21:20

GENERAL INFORMATION:

Formation: **LKC E-G**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:27:50

Time Test Ended: 17:14:39

Test Type: Conventional Bottom Hole (Reset)

Tester: Tate Lang

Unit No: 77

Interval: 3176.00 ft (KB) To 3240.00 ft (KB) (TVD)

Reference Elevations: ft (KB)

Total Depth: 3240.00 ft (KB) (TVD)

1922.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: ft

Serial #: 8898 Outside

Press@RunDepth: 101.34 psig @ 3178.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.07.24

End Date:

2014.07.24

Last Calib.: 2014.07.24

Start Time: 08:21:21

End Time:

17:14:39

Time On Btm: 2014.07.24 @ 10:27:20

Time Off Btm: 2014.07.24 @ 15:11:40

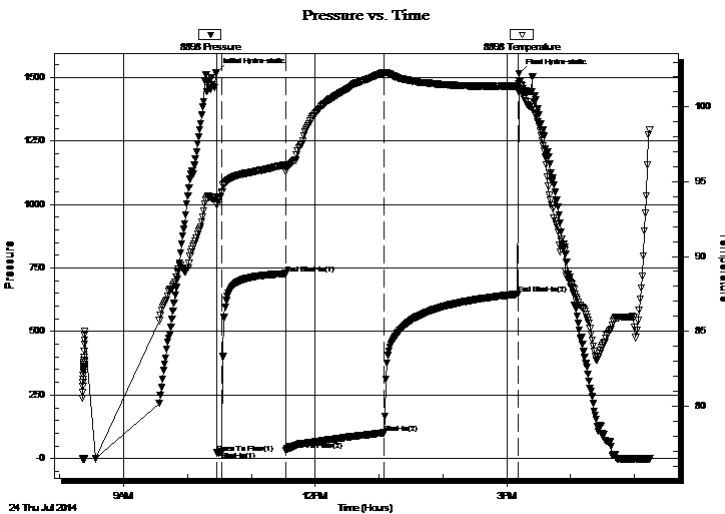
TEST COMMENT: Weak surface blow built to 2"

Dead no blow

Strong blow built to 10 1/2"

Dead no blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1518.93	93.96	Initial Hydro-static
1	22.82	93.44	Open To Flow (1)
6	28.44	94.33	Shut-In(1)
65	727.99	96.13	End Shut-In(1)
65	34.11	95.64	Open To Flow (2)
158	101.34	102.27	Shut-In(2)
284	647.63	101.39	End Shut-In(2)
285	1515.81	101.57	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
110.00	MCW 80%W 20%M	0.75
10.00	GOCM 10%G 20%O 70%M	0.14

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

McCoy Petroleum Corp.

14-7s-19w Rooks,KS

9342 E Central
Wichita KS 67206

Shirley Ann A #1-14

Job Ticket: 58918

DST#: 2

ATTN: Dave Williams

Test Start: 2014.07.24 @ 08:21:20

GENERAL INFORMATION:

Formation: **LKC E-G**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:27:50

Time Test Ended: 17:14:39

Test Type: Conventional Bottom Hole (Reset)

Tester: Tate Lang

Unit No: 77

Interval: 3176.00 ft (KB) To 3240.00 ft (KB) (TVD)

Reference Elevations: ft (KB)

Total Depth: 3240.00 ft (KB) (TVD)

1922.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: ft

Serial #: 8897

Inside

Press@RunDepth: psig @ 3178.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.07.24

End Date:

2014.07.24

Last Calib.:

2014.07.24

Start Time: 08:21:37

End Time:

17:14:55

Time On Btm:

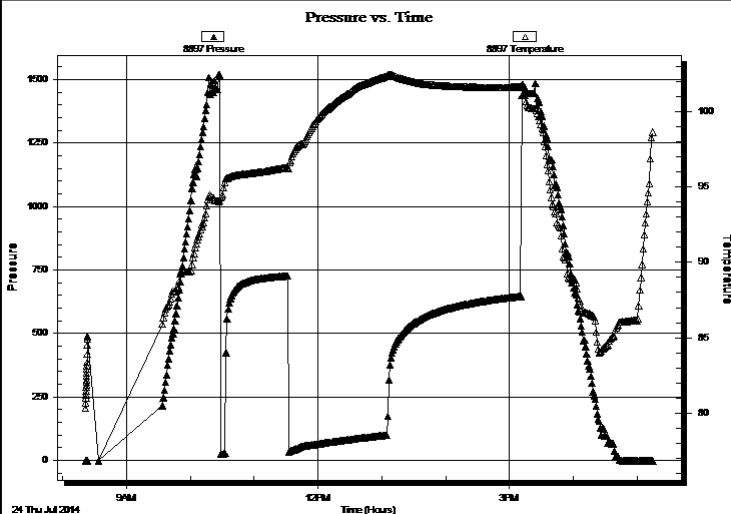
Time Off Btm:

TEST COMMENT: Weak surface blow built to 2"

Dead no blow

Strong blow built to 10 1/2"

Dead no blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
110.00	MCW 80%W 20%M	0.75
10.00	GOCM 10%G 20%O 70%M	0.14

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corp.

14-7s-19w Rooks,KS

9342 E Central
Wichita KS 67206

Shirley Ann A #1-14

Job Ticket: 58918

DST#: 2

ATTN: Dave Williams

Test Start: 2014.07.24 @ 08:21:20

Tool Information

Drill Pipe:	Length: 3087.00 ft	Diameter: 3.80 inches	Volume: 43.30 bbl	Tool Weight:	2200.00 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: 87.00 ft	Diameter: 2.25 inches	Volume: 0.43 bbl	Weight to Pull Loose:	60000.00 lb
			<u>Total Volume: 43.73 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial	54000.00 lb
Depth to Top Packer:	3176.00 ft			Final	55000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	64.00 ft				
Tool Length:	91.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

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

Shut In Tool	5.00			3154.00	
Hydraulic tool	5.00			3159.00	
Jars	5.00			3164.00	
Safety Joint	2.00			3166.00	
Packer	5.00			3171.00	27.00 Bottom Of Top Packer
Packer	5.00			3176.00	
Stubb	1.00			3177.00	
Perforations	1.00			3178.00	
Recorder	0.00	8897	Inside	3178.00	
Recorder	0.00	8898	Outside	3178.00	
Perforations	26.00			3204.00	
Change Over Sub	1.00			3205.00	
Drill Pipe	31.00			3236.00	
Change Over Sub	1.00			3237.00	
Bullnose	3.00			3240.00	64.00 Bottom Packers & Anchor

Total Tool Length: 91.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corp.

14-7s-19w Rooks,KS

9342 E Central
Wichita KS 67206

Shirley Ann A #1-14

Job Ticket: 58918

DST#: 2

ATTN: Dave Williams

Test Start: 2014.07.24 @ 08:21:20

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:

9500 ppm

Viscosity: sec/qt

Cushion Volume:

bbbl

Water Loss: 7.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
110.00	MCW 80%W 20%M	0.750
10.00	GOCM 10%G 20%O 70%M	0.140

Total Length: 120.00 ft Total Volume: 0.890 bbl

Num Fluid Samples: 0

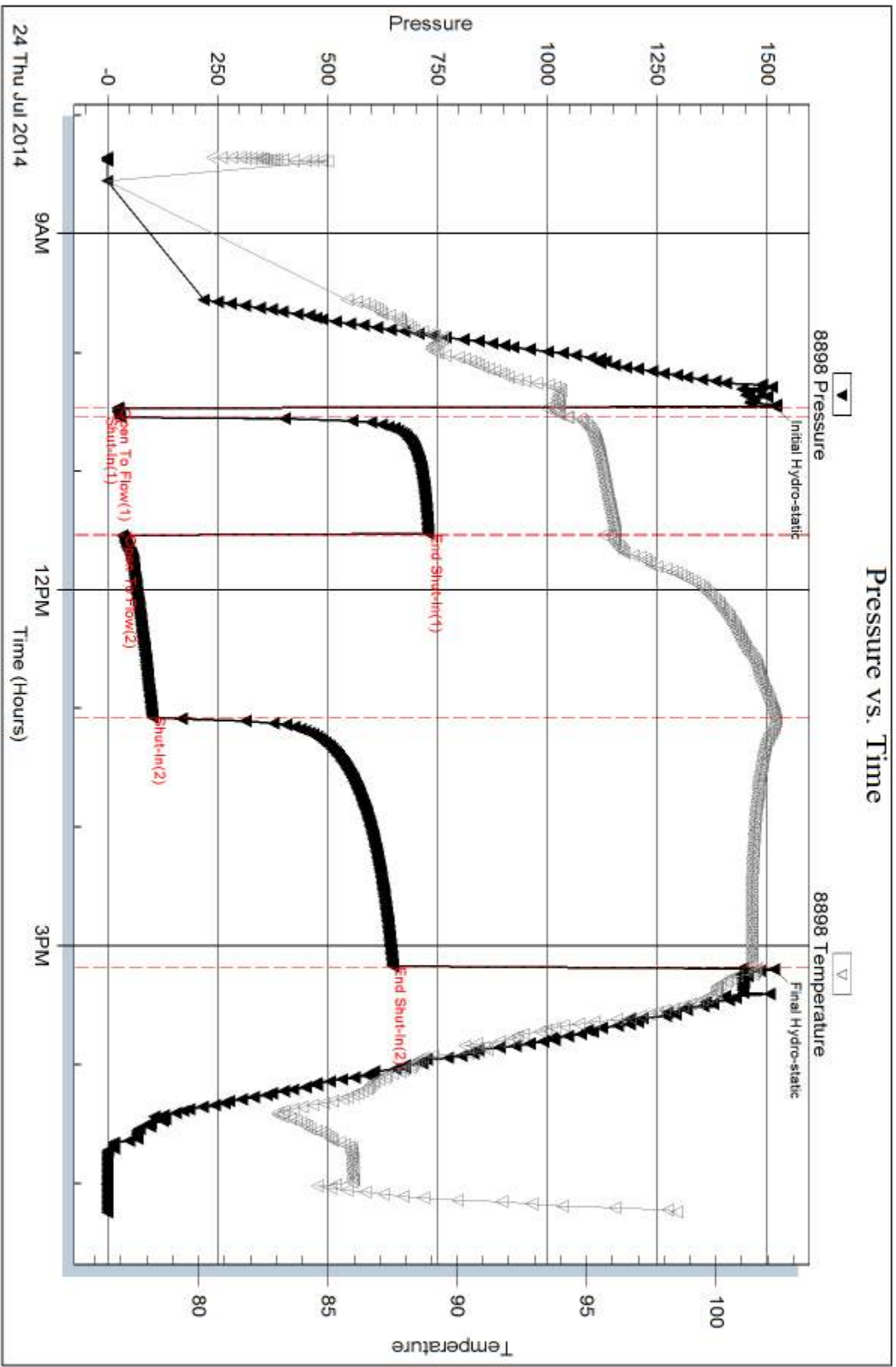
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Had 24# LCM and spotted a pill
>526 @ 94 F= 9,500



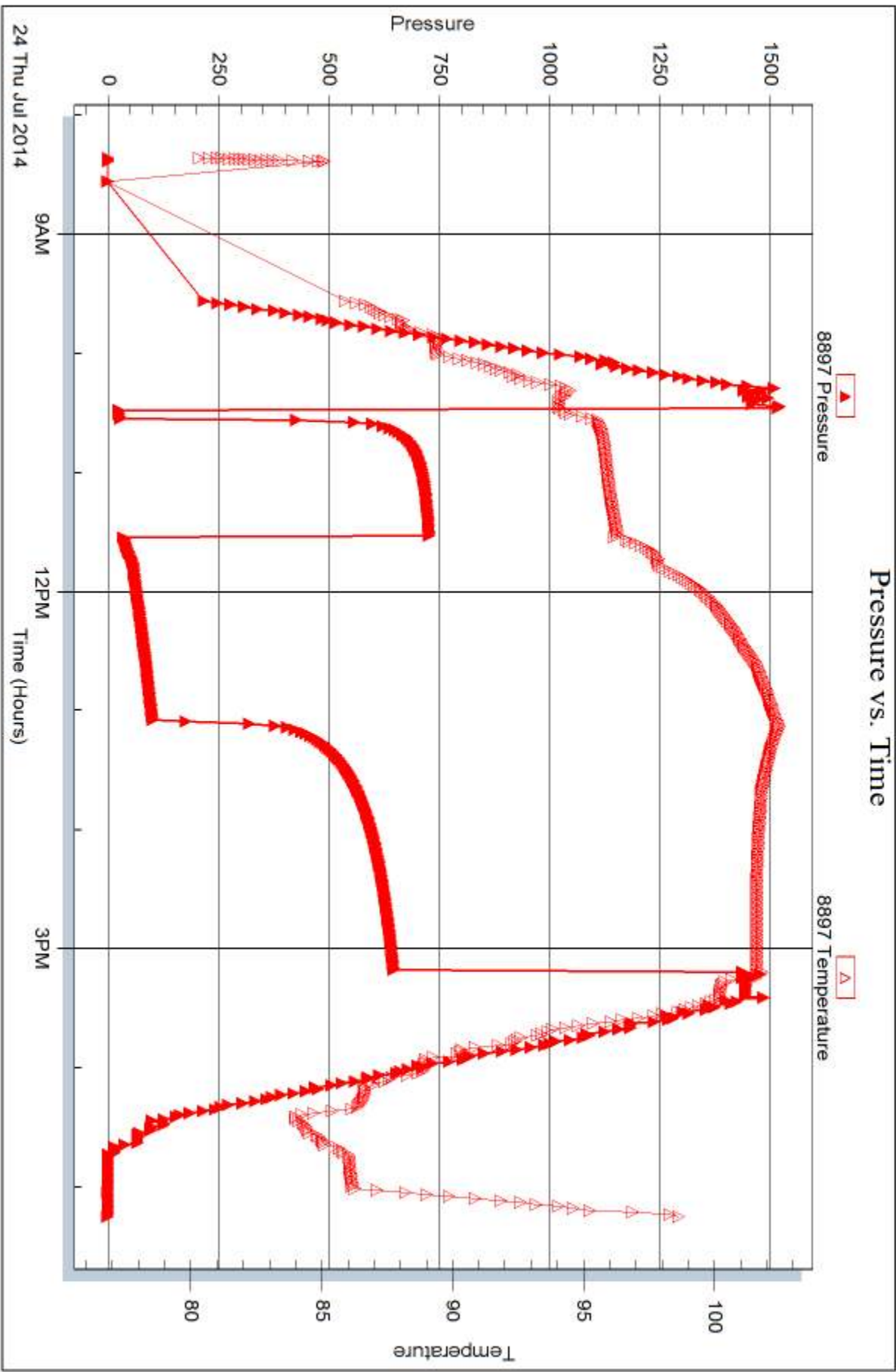
Serial #: 8897

Inside

McCoy Petroleum Corp.

Shirley Ann A #1-14

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 58918

Printed: 2014.09.10 @ 08:10:25



DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp.**

9342 E Central
Wichita KS 67206

ATTN: Dave Williams

Shirley Ann A #1-14

14-7s-19w Rooks,KS

Start Date: 2014.07.25 @ 12:05:20

End Date: 2014.07.25 @ 19:16:59

Job Ticket #: 58919 DST #: 3

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

Printed: 2014.09.10 @ 08:09:46



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

McCoy Petroleum Corp.

14-7s-19w Rooks,KS

9342 E Central
Wichita KS 67206

Shirley Ann A #1-14

ATTN: Dave Williams

Job Ticket: 58919

DST#: 3

Test Start: 2014.07.25 @ 12:05:20

GENERAL INFORMATION:

Formation: **LKC I-L**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:13:50

Time Test Ended: 19:16:59

Test Type: Conventional Bottom Hole (Reset)

Tester: Tate Lang

Unit No: 77

Interval: 3247.00 ft (KB) To 3344.00 ft (KB) (TVD)

Reference Elevations: ft (KB)

Total Depth: 3344.00 ft (KB) (TVD)

1922.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: ft

Serial #: 8898 Outside

Press@RunDepth: 41.47 psig @ 3248.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.07.25 End Date: 2014.07.25

Last Calib.: 2014.07.25

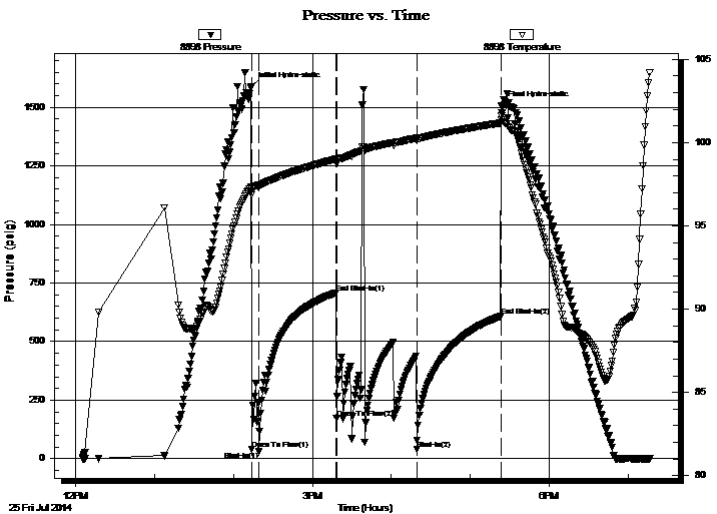
Start Time: 12:05:21 End Time: 19:17:00

Time On Btm: 2014.07.25 @ 14:13:30

Time Off Btm: 2014.07.25 @ 17:23:40

TEST COMMENT: Weak surface blow built to 1/4"
Dead no blow back
Dead no blow flushed tool surged then died
Dead no blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1586.32	97.35	Initial Hydro-static
1	39.21	96.85	Open To Flow (1)
6	29.72	97.29	Shut-In(1)
65	708.34	99.02	End Shut-In(1)
65	172.02	98.73	Open To Flow (2)
126	41.47	100.12	Shut-In(2)
190	607.66	101.18	End Shut-In(2)
191	1505.22	101.58	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	100%M	0.01

* Recovery from multiple tests

Gas Rates

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



DRILL STEM TEST REPORT

McCoy Petroleum Corp.

14-7s-19w Rooks,KS

9342 E Central
Wichita KS 67206

Shirley Ann A #1-14

Job Ticket: 58919

DST#: 3

ATTN: Dave Williams

Test Start: 2014.07.25 @ 12:05:20

GENERAL INFORMATION:

Formation: **LKC I-L**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:13:50

Time Test Ended: 19:16:59

Interval: **3247.00 ft (KB) To 3344.00 ft (KB) (TVD)**

Total Depth: 3344.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Reset)

Tester: Tate Lang

Unit No: 77

Reference Elevations: ft (KB)
1922.00 ft (CF)

KB to GR/CF: ft

Serial #: 8897 Inside

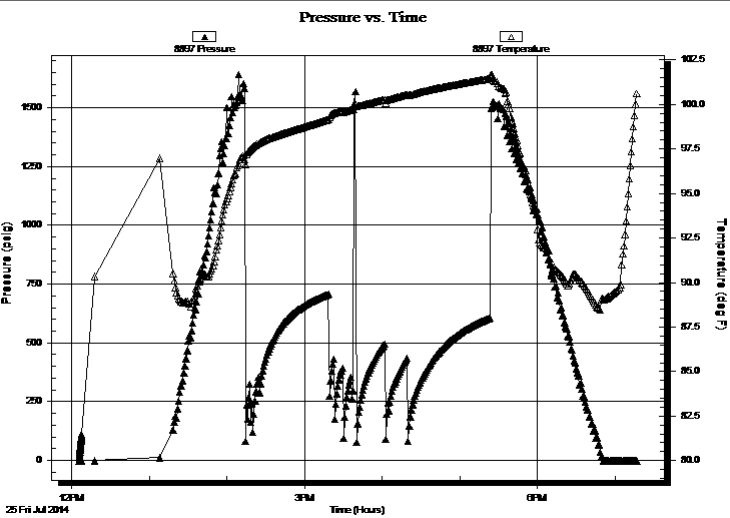
Press@RunDepth: psig @ 3248.00 ft (KB) Capacity: 8000.00 psig

Start Date: 2014.07.25 End Date: 2014.07.25 Last Calib.: 2014.07.25

Start Time: 12:05:58 End Time: 19:17:27 Time On Btm:

Time Off Btm:

TEST COMMENT: Weak surface blow built to 1/4"
Dead no blow back
Dead no blow flushed tool surged then died
Dead no blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
3.00	100%M	0.01

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corp.

14-7s-19w Rooks,KS

9342 E Central
Wichita KS 67206

Shirley Ann A #1-14

Job Ticket: 58919

DST#: 3

ATTN: Dave Williams

Test Start: 2014.07.25 @ 12:05:20

Tool Information

Drill Pipe:	Length: 3149.00 ft	Diameter: 3.80 inches	Volume: 44.17 bbl	Tool Weight: 2200.00 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: 87.00 ft	Diameter: 2.25 inches	Volume: 0.43 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 44.60 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	3247.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	97.00 ft			
Tool Length:	124.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3225.00	
Hydraulic tool	5.00			3230.00	
Jars	5.00			3235.00	
Safety Joint	2.00			3237.00	
Packer	5.00			3242.00	27.00 Bottom Of Top Packer
Packer	5.00			3247.00	
Stubb	1.00			3248.00	
Recorder	0.00	8897	Inside	3248.00	
Recorder	0.00	8898	Outside	3248.00	
Perforations	29.00			3277.00	
Change Over Sub	1.00			3278.00	
Drill Pipe	62.00			3340.00	
Change Over Sub	1.00			3341.00	
Bullnose	3.00			3344.00	97.00 Bottom Packers & Anchor

Total Tool Length: 124.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corp.

14-7s-19w Rooks,KS

9342 E Central
Wichita KS 67206

Shirley Ann A #1-14

Job Ticket: 58919

DST#: 3

ATTN: Dave Williams

Test Start: 2014.07.25 @ 12:05:20

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:

ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	100%M	0.015

Total Length: 3.00 ft Total Volume: 0.015 bbl

Num Fluid Samples: 0

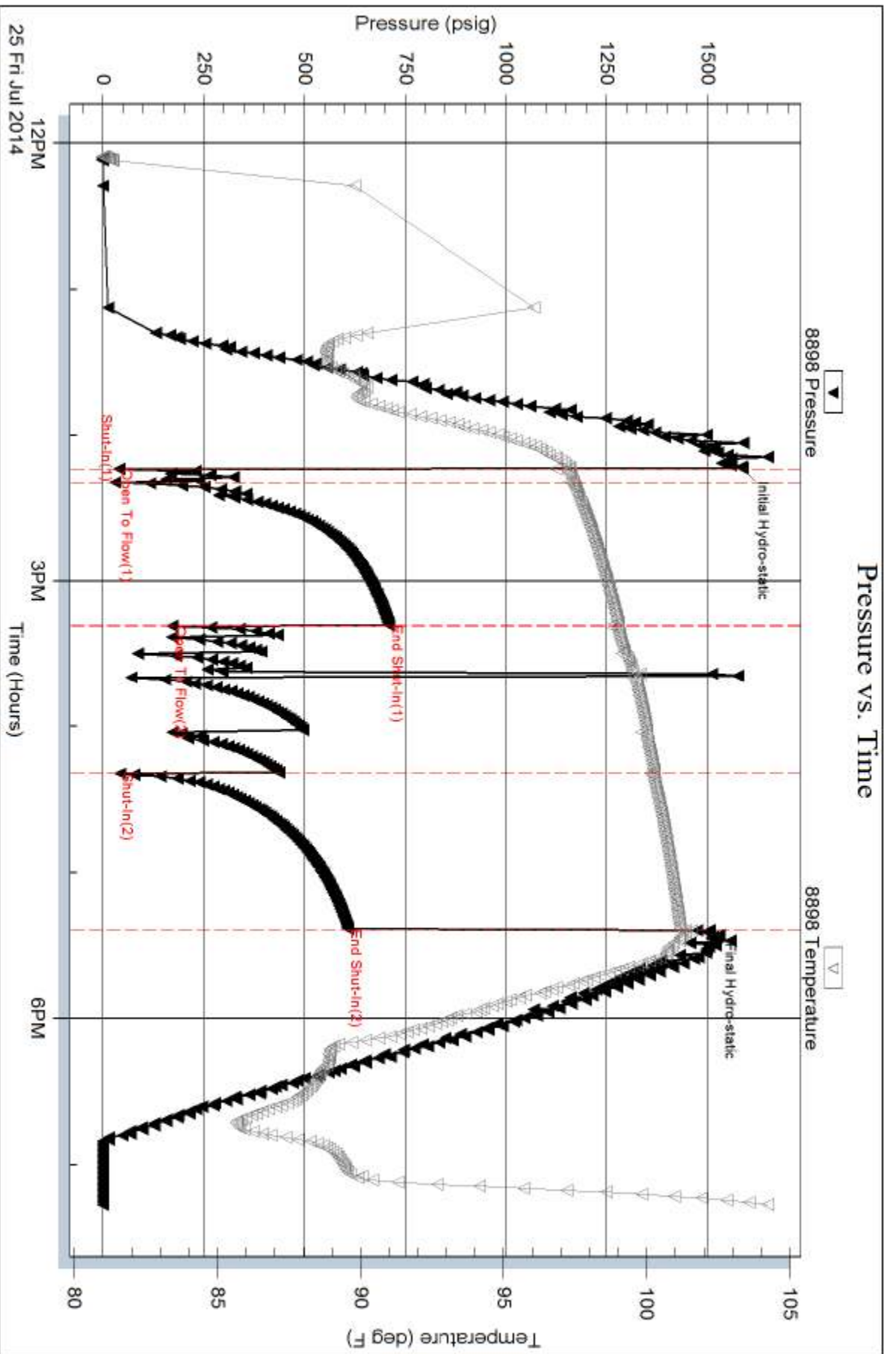
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



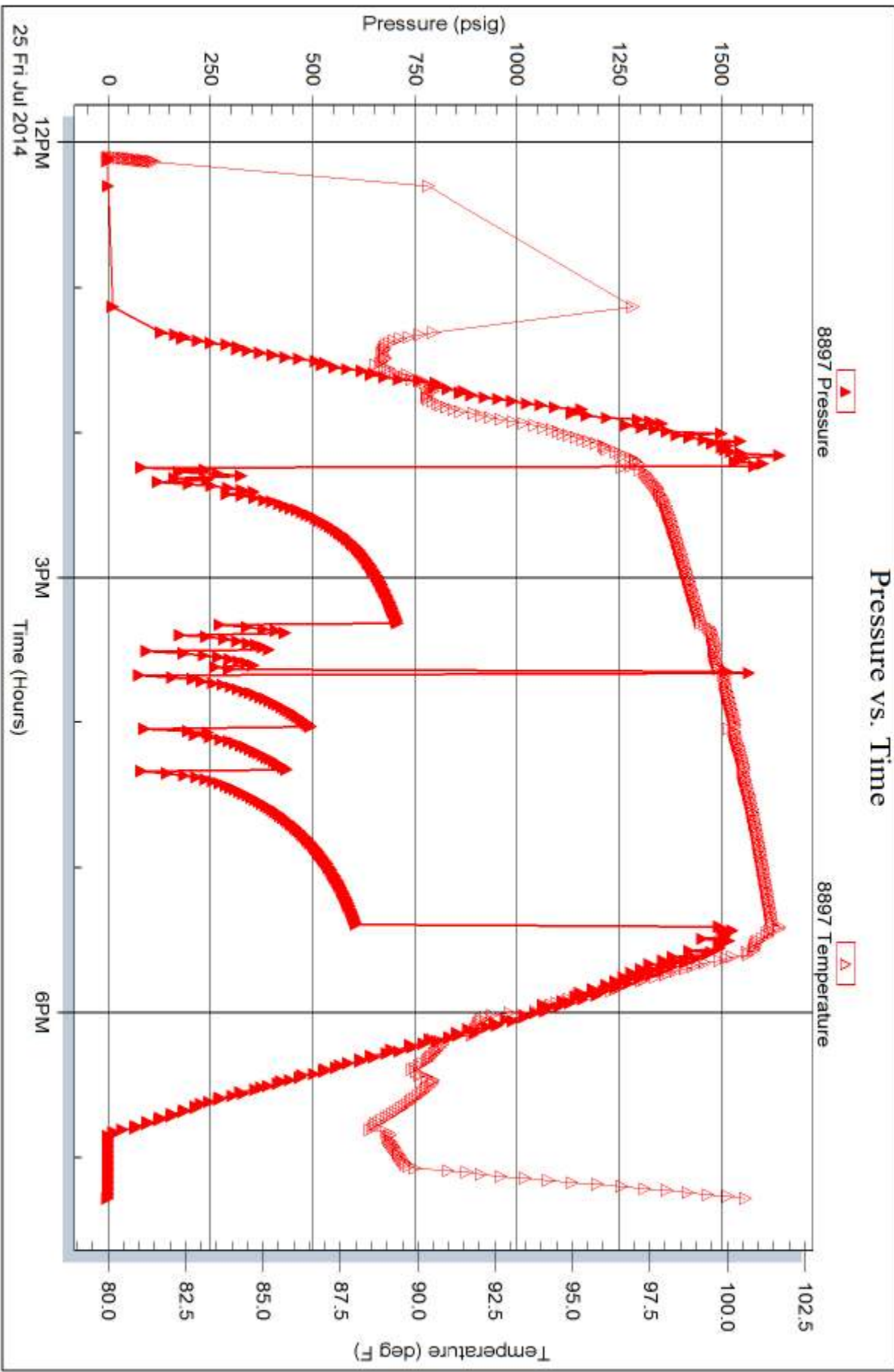
Serial #: 8897

Inside

McCoy Petroleum Corp.

Shirley Ann A #1-14

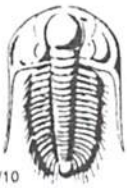
DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 58919

Printed: 2014.09.10 @ 08:09:47



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 58917

Well Name & No. Shirky Ann "A" #1-14 Test No. 1 Date 7-22-14
 Company McCoy Petroleum Corp. Elevation 21927 KB 1922 GL
 Address 9342 E Central Wichita KS 67206
 Co. Rep / Geo. Dave Williams Rig Murfin #24
 Location: Sec. 14 Twp. 7 Rge. 19 Co. Rock State KS

Interval Tested 3043 - 3110 Zone Tested Plattsmouth / Toronto
 Anchor Length 67 Drill Pipe Run 2961 Mud Wt. 8.8
 Top Packer Depth 3038 Drill Collars Run 87 Vis 45
 Bottom Packer Depth 3043 Wt. Pipe Run 0 WL 8.0
 Total Depth 3110 Chlorides 7100 ppm System LCM 2#

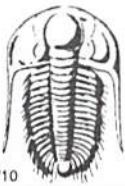
Blow Description Weak surface blow built to 1/2 in
Dead NO blow back
Dead NO blow
Dead NO blow back

Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>5</u>	Feet of <u>Mud</u>	%gas	%oil	%water <u>100</u>	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5 BHT 101 Gravity _____ API RW _____ @ _____ ° F Chlorides _____ ppm

(A) Initial Hydrostatic 1467 Test 1150 T-On Location 1030
 (B) First Initial Flow 22 Jars 250 T-Started 1415
 (C) First Final Flow 23 Safety Joint 75 T-Open 1635
 (D) Initial Shut-In 916 Circ Sub _____ T-Pulled 1855
 (E) Second Initial Flow 27 Hourly Standby 1h T-Out 2033
 (F) Second Final Flow 38 Mileage 100 R/T 155 Comments _____
 (G) Final Shut-In 877 Sampler _____
 (H) Final Hydrostatic 1410 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 5 Sub Total 0
 Initial Shut-In 45 Total 1630
 Final Flow 45 MP/DST Disc't _____
 Final Shut-In 45 Sub Total 1630

Approved By _____ 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. 58918

Well Name & No. Shirley Ann "A" #1-14 Test No. 2 Date 7-24-14
 Company McCoy Petroleum Corp. Elevation 1927 KB 1922 GL
 Address _____
 Co. Rep / Geo. Dave Williams Rig Murfin #24
 Location: Sec. 14 Twp. 7 Rge. 19 Co. Roots State KS

Interval Tested 3176 3240 Zone Tested Low E-F-G
 Anchor Length 64 Drill Pipe Run 3087 Mud Wt. 8.9
 Top Packer Depth 3171 Drill Collars Run 87 Vis 60+
 Bottom Packer Depth 3176 Wt. Pipe Run 0 WL 7.6
 Total Depth 3240 Chlorides 1400 ppm System LCM 24# Saturated pill

Blow Description Weat surface blow built to 2in.
Dead no blow back
Strong blow built to 10 1/2 in
Dract no blow back

Rec	Feet of	%gas	%oil	%water	%mud
10					
10					
10					
<u>10</u>	<u>MW</u>			<u>20</u>	<u>20</u>
<u>10</u>	<u>COLM</u>	<u>10</u>	<u>20</u>	<u>70</u>	<u>70</u>

Rec Total 120 BHT 101 Gravity _____ API RW .526@ 94 °F Chlorides 9500 ppm

(A) Initial Hydrostatic 1519 Test 1150 T-On Location 0745
 (B) First Initial Flow 23 Jars 250 T-Started 0821
 (C) First Final Flow 28 Safety Joint 75 T-Open 1028
 (D) Initial Shut-In 728 Circ Sub _____ T-Pulled 1503
 (E) Second Initial Flow 34 Hourly Standby _____ T-Out 1714
 (F) Second Final Flow 161 Mileage 155 Comments _____
 (G) Final Shut-In 648 Sampler _____
 (H) Final Hydrostatic 1517 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____

Initial Open 5
 Initial Shut-In 60
 Final Flow 90
 Final Shut-In 120
 Extra Recorder _____ Sub Total 375
 Day Standby 11 1/4 hrs Total 2005
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1630

Approved By _____ 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. 58919

Well Name & No. Shirley Ann "A" #114 Test No. 3 Date 7-25-14
 Company McLoy Petroleum Corp Elevation 1927 KB 1922 GL
 Address _____
 Co. Rep / Geo. Dave Williams Rig Murfin #24
 Location: Sec. 14 Twp. 17 Rge. A Co. Rock State KS

Interval Tested 3247 3344 Zone Tested KC I-L
 Anchor Length _____ Drill Pipe Run 3149 Mud Wt. 9.0
 Top Packer Depth _____ Drill Collars Run 87 Vis 56
 Bottom Packer Depth 3247 Wt. Pipe Run 0 WL 10.0
 Total Depth 3344 Chlorides 4200 ppm System LCM 16"

Blow Description Weak surface blow built to 1/4 in
Dead no blow back
Dead no blow Flushed tool surged then died
Dead no blow back

Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>3</u>	Feet of <u>Mud</u>	%gas	%oil	%water <u>100</u>	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 3 BHT 101 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm
 (A) Initial Hydrostatic 1586 Test 950 T-On Location 1120
 (B) First Initial Flow 39 Jars 250 T-Started 1205
 (C) First Final Flow 30 Safety Joint 75 T-Open 1413
 (D) Initial Shut-In 709 Circ Sub _____ T-Pulled 1718
 (E) Second Initial Flow 172 Hourly Standby _____ T-Out 1916
 (F) Second Final Flow 71 Mileage X2 Loaded 310 Comments loaded tools 19:15
 (G) Final Shut-In 609 Sampler 7/26
 (H) Final Hydrostatic 1565 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____

Initial Open 5
 Initial Shut-In 60
 Final Flow 60
 Final Shut-In 60
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1585
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1585

Approved By _____ 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.