



DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp.**

9342 E Central
Wichita, KS 67206

ATTN: Dave Williams

Pfeifer "A" #1-27

27-10s-25w Graham, KS

Start Date: 2014.06.17 @ 07:30:00

End Date: 2014.06.17 @ 17:32:00

Job Ticket #: 59382 DST #: 1

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

Printed: 2014.06.23 @ 09:55:54



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

McCoy Petroleum Corp.

27-10s-25w Graham, KS

9342 E Central
Wichita, KS 67206

Pfeifer "A" #1-27

Job Ticket: 59382

DST#: 1

ATTN: Dave Williams

Test Start: 2014.06.17 @ 07:30:00

GENERAL INFORMATION:

Formation: **Toronto**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:57:30

Time Test Ended: 17:32:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Phillip Gage

Unit No: 76

Interval: 3778.00 ft (KB) To 3806.00 ft (KB) (TVD)

Reference Elevations: 2503.00 ft (KB)

Total Depth: 3806.00 ft (KB) (TVD)

2498.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8789 Outside

Press@RunDepth: 534.24 psig @ 3779.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.06.17

End Date: 2014.06.17

Last Calib.: 2014.06.17

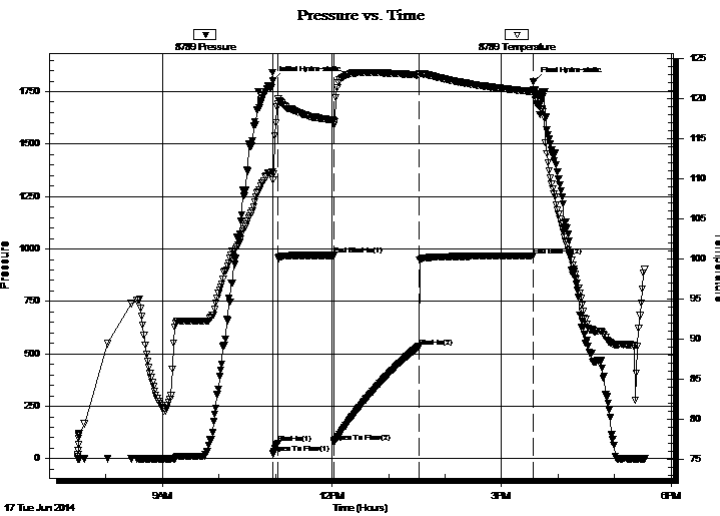
Start Time: 07:30:02

End Time: 17:32:00

Time On Btm: 2014.06.17 @ 10:57:15

Time Off Btm: 2014.06.17 @ 15:34:00

TEST COMMENT: 5-IF-Built to 6 1/2"
60-ISI-No Return
90-FF-BOB in 8 mins
120-FSI-No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1800.68	110.89	Initial Hydro-static
1	23.62	109.91	Open To Flow (1)
5	73.90	119.41	Shut-In(1)
65	970.01	117.29	End Shut-In(1)
65	78.71	116.95	Open To Flow (2)
155	534.24	122.94	Shut-In(2)
276	967.24	120.87	End Shut-In(2)
277	1797.78	121.15	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1066.00	MW, 10%m, 90%w , with oil spots	14.18
50.00	MW, 40%m, 60%w , with oil spots	0.70

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corp.

27-10s-25w Graham, KS

9342 E Central
Wichita, KS 67206

Pfeifer "A" #1-27

Job Ticket: 59382

DST#: 1

ATTN: Dave Williams

Test Start: 2014.06.17 @ 07:30:00

Tool Information

Drill Pipe:	Length: 3679.00 ft	Diameter: 3.80 inches	Volume: 51.61 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 85.00 ft	Diameter: 2.25 inches	Volume: 0.42 bbl	Weight to Pull Loose: 72000.00 lb
			<u>Total Volume: 52.03 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	3778.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	28.00 ft			
Tool Length:	56.00 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			3751.00	
Shut In Tool	5.00			3756.00	
Hydraulic tool	5.00			3761.00	
Jars	5.00			3766.00	
Safety Joint	2.00			3768.00	
Packer	5.00			3773.00	28.00 Bottom Of Top Packer
Packer	5.00			3778.00	
Stubb	1.00			3779.00	
Recorder	0.00	8366	Inside	3779.00	
Recorder	0.00	8789	Outside	3779.00	
Perforations	24.00			3803.00	
Bullnose	3.00			3806.00	28.00 Bottom Packers & Anchor

Total Tool Length: 56.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corp.

27-10s-25w Graham, KS

9342 E Central
Wichita, KS 67206

Pfeifer "A" #1-27

Job Ticket: 59382

DST#: 1

ATTN: Dave Williams

Test Start: 2014.06.17 @ 07:30:00

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: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.36 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 800.00 ppm

Filter Cake: 3.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1066.00	MW, 10% m, 90% w, with oil spots	14.179
50.00	MW, 40% m, 60% w, with oil spots	0.701

Total Length: 1116.00 ft Total Volume: 14.880 bbl

Num Fluid Samples: 0

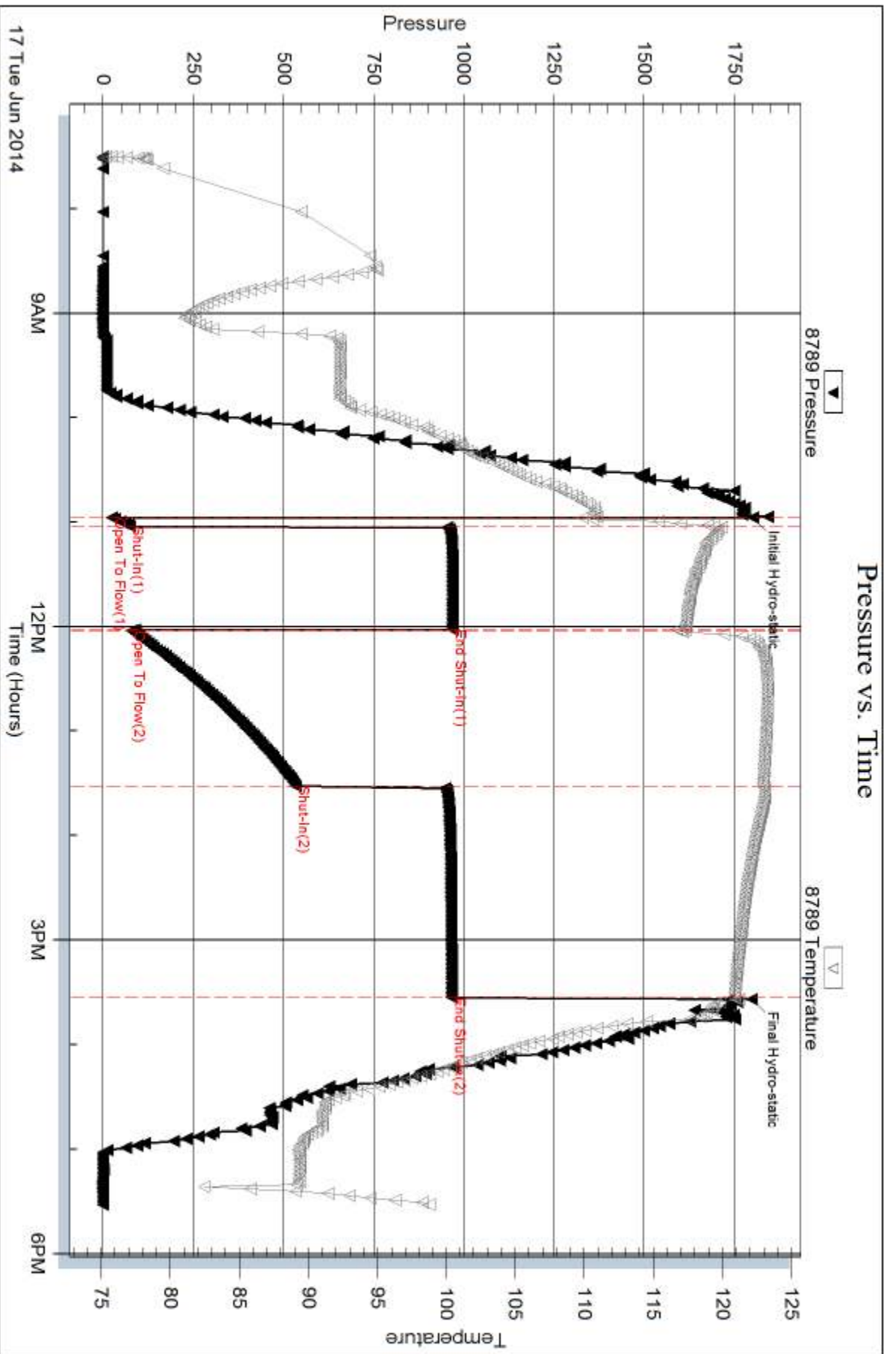
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .121 @ 101 Degrees = 46,000 Salinity

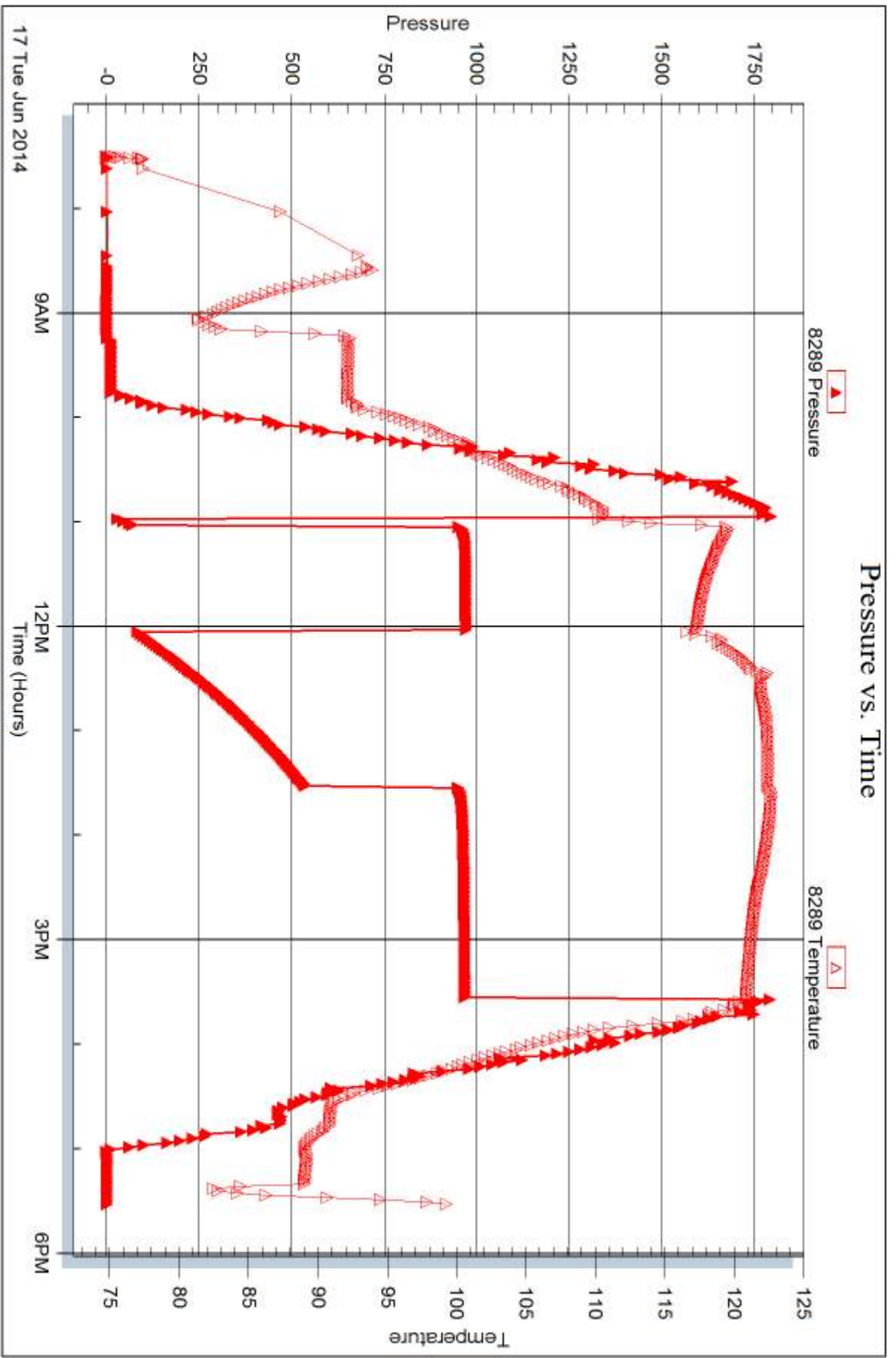


Serial #: 8289

Outside McCoy Petroleum Corp.

Prefer "A" #1-27

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 59382

Printed: 2014.06.23 @ 09:55:55



DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp.**

9342 E Central
Wichita, KS 67206

ATTN: Dave Williams

Pfeifer "A" #1-27

27-10s-25w Graham, KS

Start Date: 2014.06.18 @ 10:01:00

End Date: 2014.06.18 @ 17:41:30

Job Ticket #: 59383 DST #: 2

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

Printed: 2014.06.23 @ 09:55:33



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

McCoy Petroleum Corp.

27-10s-25w Graham, KS

9342 E Central
Wichita, KS 67206

Pfeifer "A" #1-27

Job Ticket: 59383

DST#: 2

ATTN: Dave Williams

Test Start: 2014.06.18 @ 10:01:00

GENERAL INFORMATION:

Formation: **LKC "H"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:44:00

Time Test Ended: 17:41:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Phillip Gage

Unit No: 76

Interval: 3924.00 ft (KB) To 3954.00 ft (KB) (TVD)

Reference Elevations: 2503.00 ft (KB)

Total Depth: 3954.00 ft (KB) (TVD)

2498.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8789 Outside

Press@RunDepth: 40.58 psig @ 3925.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.06.18 End Date: 2014.06.18

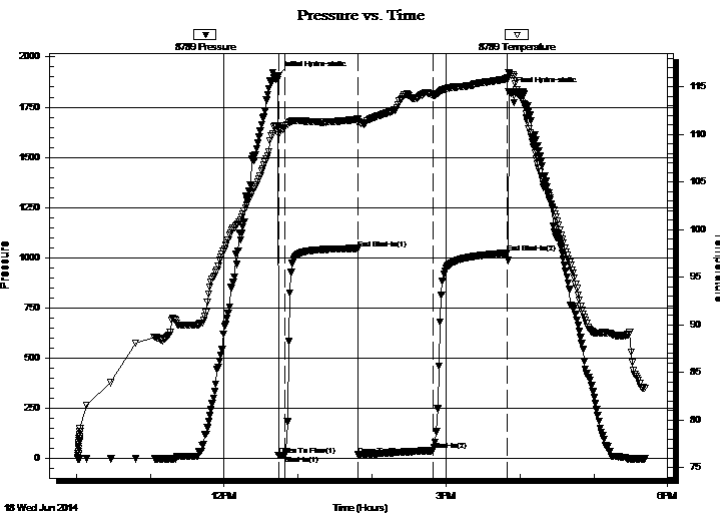
Last Calib.: 2014.06.18

Start Time: 10:01:02 End Time: 17:41:30

Time On Btm: 2014.06.18 @ 12:43:45

Time Off Btm: 2014.06.18 @ 15:51:00

TEST COMMENT: 5-IF-Weak surface blow
60-ISI-No Return
60-FF-No blow , w eak surface blow @ 25 mins, built to 1/8"
60-FSI-No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1908.32	110.94	Initial Hydro-static
1	15.98	109.99	Open To Flow (1)
6	17.68	110.76	Shut-In(1)
65	1046.57	111.60	End Shut-In(1)
65	19.24	111.22	Open To Flow (2)
126	40.58	114.13	Shut-In(2)
186	1023.52	115.94	End Shut-In(2)
188	1829.19	116.52	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	M, 100% m with oil spots	0.10

* 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.

27-10s-25w Graham, KS

9342 E Central
Wichita, KS 67206

Pfeifer "A" #1-27

Job Ticket: 59383

DST#: 2

ATTN: Dave Williams

Test Start: 2014.06.18 @ 10:01:00

Tool Information

Drill Pipe:	Length: 3836.00 ft	Diameter: 3.80 inches	Volume: 53.81 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 85.00 ft	Diameter: 2.25 inches	Volume: 0.42 bbl	Weight to Pull Loose: 58000.00 lb
			<u>Total Volume: 54.23 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	3924.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	58.00 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			3897.00	
Shut In Tool	5.00			3902.00	
Hydraulic tool	5.00			3907.00	
Jars	5.00			3912.00	
Safety Joint	2.00			3914.00	
Packer	5.00			3919.00	28.00 Bottom Of Top Packer
Packer	5.00			3924.00	
Stubb	1.00			3925.00	
Recorder	0.00	8366	Inside	3925.00	
Recorder	0.00	8789	Outside	3925.00	
Perforations	26.00			3951.00	
Bullnose	3.00			3954.00	30.00 Bottom Packers & Anchor

Total Tool Length: 58.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corp.

27-10s-25w Graham, KS

9342 E Central
Wichita, KS 67206

Pfeifer "A" #1-27

Job Ticket: 59383

DST#: 2

ATTN: Dave Williams

Test Start: 2014.06.18 @ 10:01:00

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: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4100.00 ppm

Filter Cake: 5.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	M, 100% m w ith oil spots	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbl

Num Fluid Samples: 0

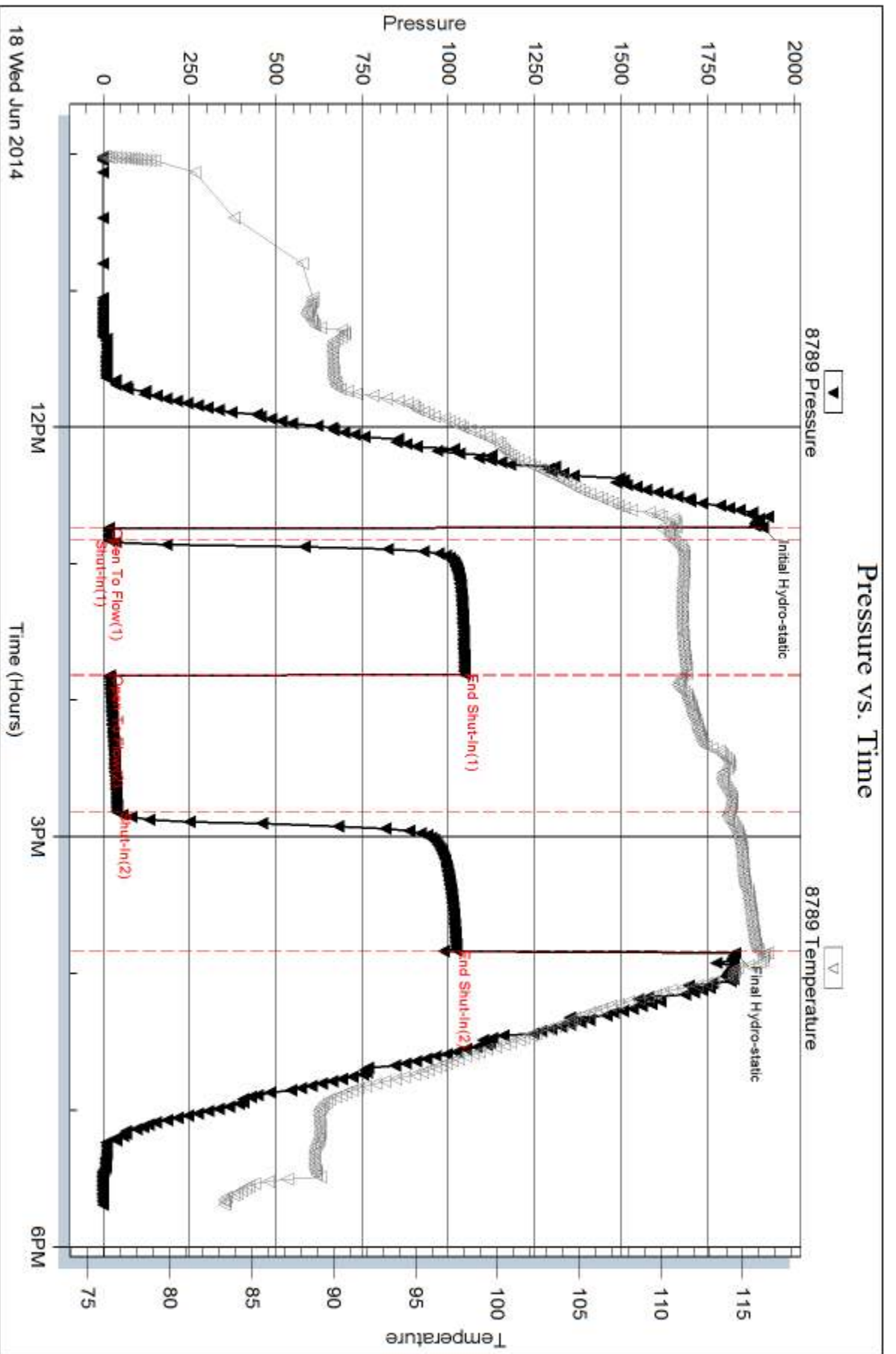
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

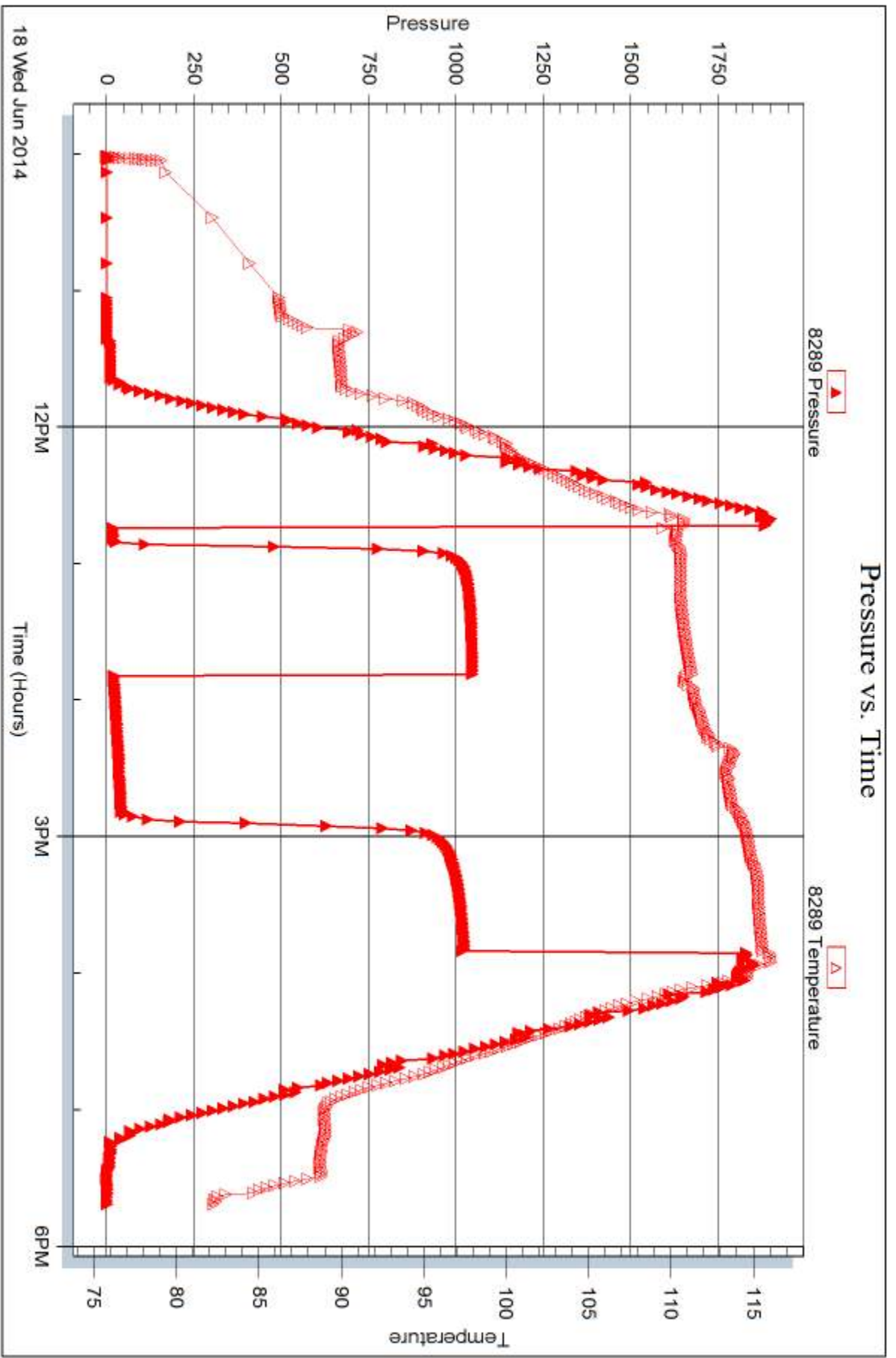


Serial #: 8289

Outside McCoy Petroleum Corp.

Prefer "A" #1-27

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 59383

Printed: 2014.06.23 @ 09:55:35



DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp.**

9342 E Central
Wichita, KS 67206

ATTN: Dave Williams

Pfeifer "A" #1-27

27-10s-25w Graham, KS

Start Date: 2014.06.19 @ 04:17:00

End Date: 2014.06.19 @ 13:06:00

Job Ticket #: 59258 DST #: 3

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

Printed: 2014.06.23 @ 09:55:01



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

McCoy Petroleum Corp.

27-10s-25w Graham, KS

9342 E Central
Wichita, KS 67206

Pfeifer "A" #1-27

Job Ticket: 59258

DST#: 3

ATTN: Dave Williams

Test Start: 2014.06.19 @ 04:17:00

GENERAL INFORMATION:

Formation: **LKC "I-K"**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 06:11:45
 Tester: Phillip Gage/Jim Sva
 Time Test Ended: 13:06:00
 Unit No: 76
 Interval: **3954.00 ft (KB) To 4018.00 ft (KB) (TVD)**
 Reference Elevations: 2503.00 ft (KB)
 Total Depth: 4018.00 ft (KB) (TVD)
 2498.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair
 KB to GR/CF: 5.00 ft

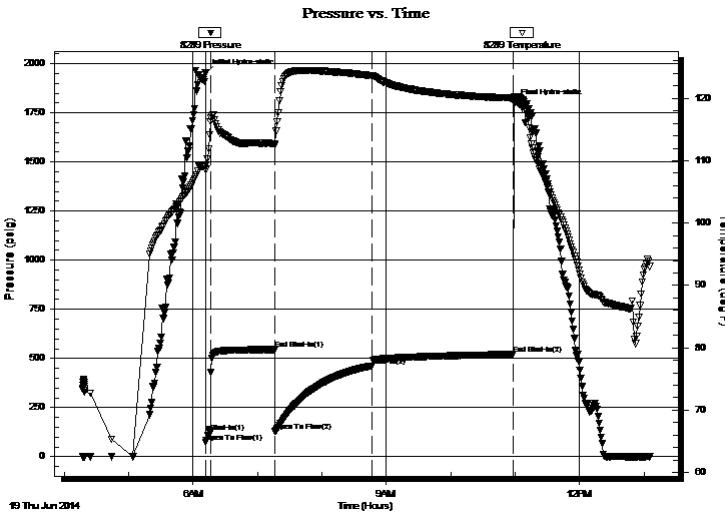
Serial #: 8289

Outside

Press@RunDepth: 462.28 psig @ 3983.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.06.19 End Date: 2014.06.19 Last Calib.: 2014.06.19
 Start Time: 04:17:02 End Time: 13:06:00 Time On Btm: 2014.06.19 @ 06:11:30
 Time Off Btm: 2014.06.19 @ 10:59:15

TEST COMMENT: 5-IF-Built to 11"
 60-ISI-No Return
 90-FF-BOB in 5 mins
 120-FSI-No Blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1949.26	109.16	Initial Hydro-static
1	75.06	108.45	Open To Flow (1)
5	126.59	116.24	Shut-In(1)
65	545.32	112.72	End Shut-In(1)
65	130.94	112.46	Open To Flow (2)
155	462.28	123.64	Shut-In(2)
287	520.90	120.03	End Shut-In(2)
288	1798.54	120.32	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
900.00	MCW 5% m 95% w	11.85
216.00	MCW 40% m 60% w	3.03

* Recovery from multiple tests

Gas Rates

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



DRILL STEM TEST REPORT

McCoy Petroleum Corp.

27-10s-25w Graham, KS

9342 E Central
Wichita, KS 67206

Pfeifer "A" #1-27

Job Ticket: 59258

DST#: 3

ATTN: Dave Williams

Test Start: 2014.06.19 @ 04:17:00

GENERAL INFORMATION:

Formation: **LKC "I-K"**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 06:11:45
 Tester: Phillip Gage/Jim Sva
 Time Test Ended: 13:06:00
 Unit No: 76
Interval: 3954.00 ft (KB) To 4018.00 ft (KB) (TVD)
 Reference Elevations: 2503.00 ft (KB)
 Total Depth: 4018.00 ft (KB) (TVD)
 2498.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair
 KB to GR/CF: 5.00 ft

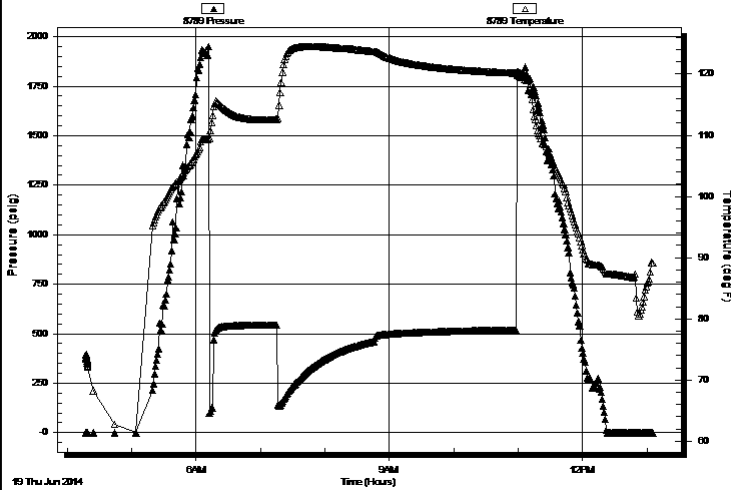
Serial #: 8789

Inside

Press@RunDepth: psig @ 3983.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.06.19 End Date: 2014.06.19 Last Calib.: 2014.06.19
 Start Time: 04:17:02 End Time: 13:05:45 Time On Btm:
 Time Off Btm:

TEST COMMENT: 5-IF-Built to 11"
 60-ISI-No Return
 90-FF-BOB in 5 mins
 120-FSI-No Blow

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
900.00	MCW 5% <i>m</i> 95% <i>w</i>	11.85
216.00	MCW 40% <i>m</i> 60% <i>w</i>	3.03

* 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.

27-10s-25w Graham, KS

9342 E Central
Wichita, KS 67206

Pfeifer "A" #1-27

Job Ticket: 59258

DST#: 3

ATTN: Dave Williams

Test Start: 2014.06.19 @ 04:17:00

Tool Information

Drill Pipe:	Length: 3866.00 ft	Diameter: 3.80 inches	Volume: 54.23 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 85.00 ft	Diameter: 2.25 inches	Volume: 0.42 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 54.65 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 53000.00 lb
Depth to Top Packer:	3954.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	64.00 ft			
Tool Length:	92.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3927.00	
Shut In Tool	5.00			3932.00	
Hydraulic tool	5.00			3937.00	
Jars	5.00			3942.00	
Safety Joint	2.00			3944.00	
Packer	5.00			3949.00	28.00 Bottom Of Top Packer
Packer	5.00			3954.00	
Stubb	1.00			3955.00	
Perforations	27.00			3982.00	
Change Over Sub	1.00			3983.00	
Recorder	0.00	8789	Inside	3983.00	
Recorder	0.00	8289	Outside	3983.00	
Drill Pipe	31.00			4014.00	
Change Over Sub	1.00			4015.00	
Bullnose	3.00			4018.00	64.00 Bottom Packers & Anchor

Total Tool Length: 92.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corp.

27-10s-25w Graham, KS

9342 E Central
Wichita, KS 67206

Pfeifer "A" #1-27

Job Ticket: 59258

DST#: 3

ATTN: Dave Williams

Test Start: 2014.06.19 @ 04:17:00

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:

23500 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4100.00 ppm

Filter Cake: 5.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
900.00	MCW 5%m 95%w	11.850
216.00	MCW 40%m 60%w	3.030

Total Length: 1116.00 ft Total Volume: 14.880 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

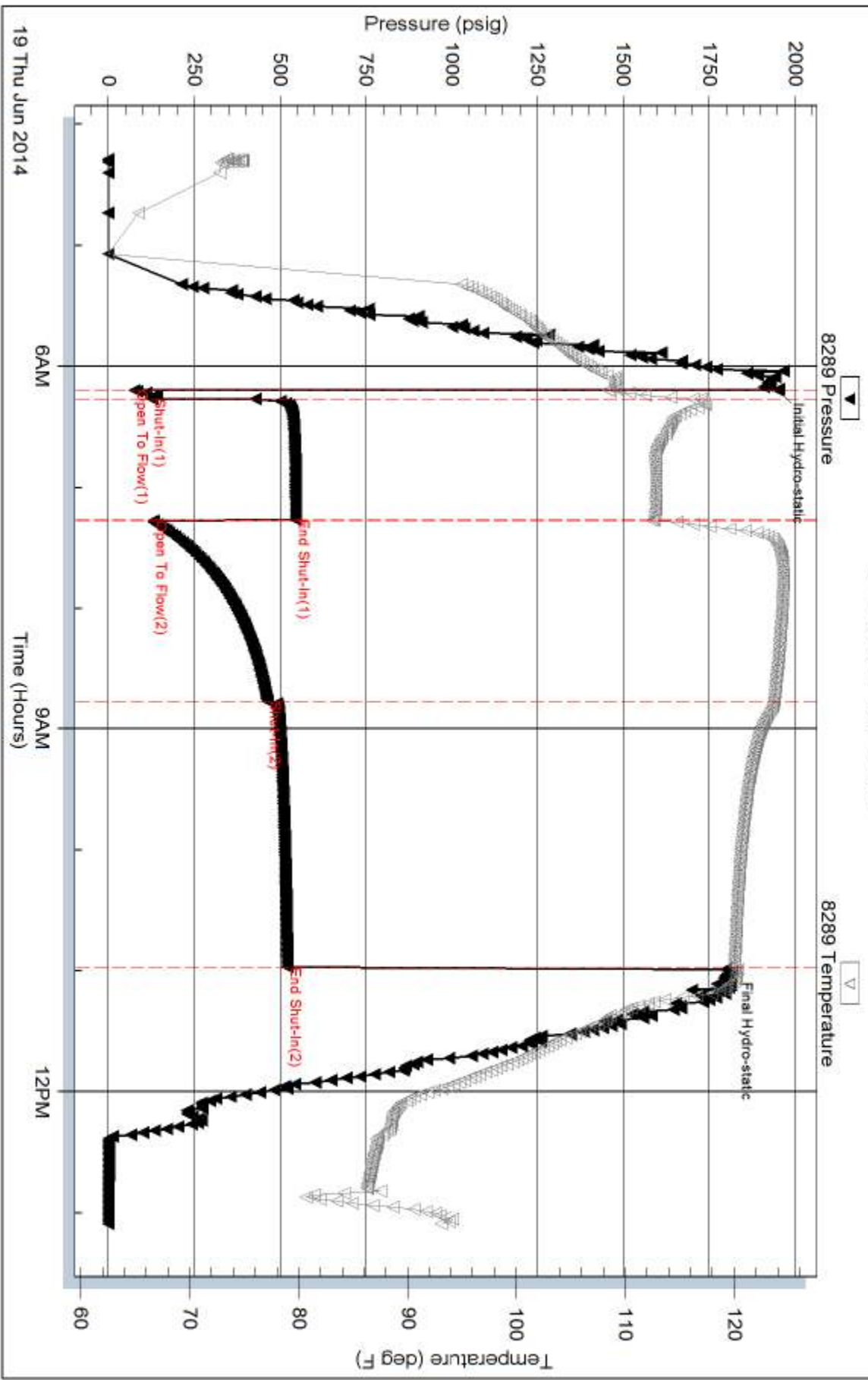
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .200 @ 98

Pressure vs. Time



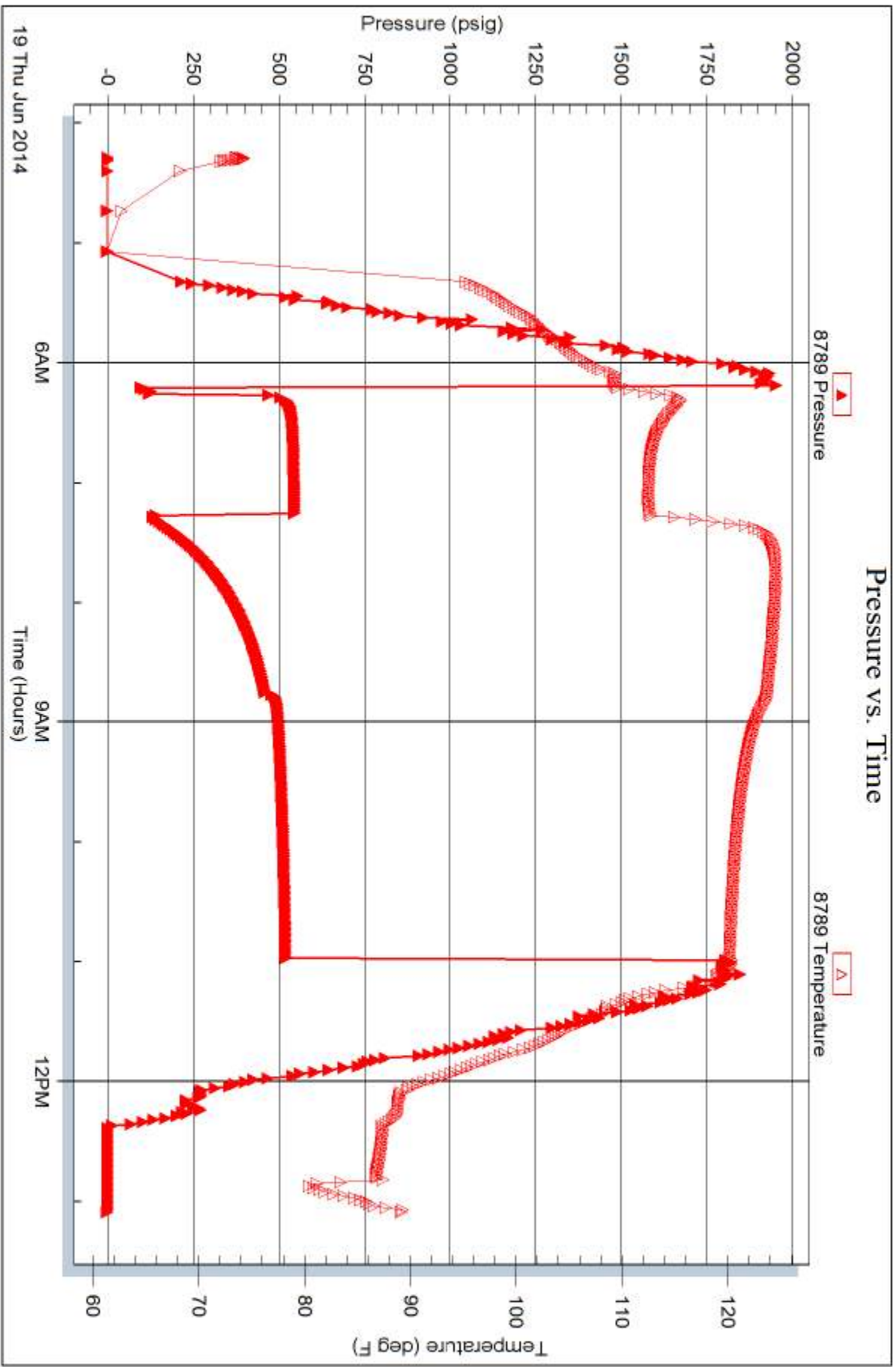
Serial #: 8789

Inside

McCoy Petroleum Corp.

Pfeifer "A" #1-27

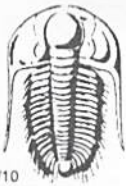
DST Test Number: 3



Tribble Testing, Inc

Ref. No: 59258

Printed: 2014.06.23 @ 09:55:02



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 59382

Well Name & No. Pfeifer "A" #1-27 Test No. 1 Date 6-17-14
 Company McLoy Petroleum Corporation Elevation 2503 KB 2498 GL
 Address 9342 E. Central Wichita, KS 67206
 Co. Rep / Geo. Dave Williams / Scott Hampel Rig Martin 24
 Location: Sec. 27 Twp. 10s Rge. 25w Co. Graham State KS

Interval Tested 3778 - 3806 Zone Tested Toronto
 Anchor Length 28' Drill Pipe Run 3679 Mud Wt. 8.8
 Top Packer Depth 3773 Drill Collars Run 85 Vis 60+
 Bottom Packer Depth 3778 Wt. Pipe Run 0 WL 8.4
 Total Depth 3806 Chlorides 800 ppm System LCM 3
 Blow Description IF - Buite to 6 1/2"
ISI - No Return
FF - BOB in 8 min.
FSI - No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>1066</u>	<u>MW, with oil spots</u>		<u>90</u>	<u>10</u>	
<u>50</u>	<u>MW, with oil spots</u>		<u>60</u>	<u>40</u>	

Rec Total 1116 BHT 122 Gravity — API RW 121 @ 101 °F Chlorides 46,000 ppm

(A) Initial Hydrostatic 1800 Test 1150 T-On Location 06:54
 (B) First Initial Flow 23 Jars 250 T-Started 07:30
 (C) First Final Flow 73 Safety Joint 75 T-Open 10:57
 (D) Initial Shut-In 970 Circ Sub 50 T-Pulled 15:33
 (E) Second Initial Flow 78 Hourly Standby 1h 100 T-Out 17:32
 (F) Second Final Flow 534 Mileage 114 RT 176.70 Comments Dropped bar & reversed water out
 (G) Final Shut-In 967 Sampler _____
 (H) Final Hydrostatic 1797 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1801.70
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1801.70

Approved By _____ Our Representative Philp Gray Thank You
 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. 59383

Well Name & No. Pfeifer "A" #1-27 Test No. 2 Date 6-18-14
 Company Nilon Petroleum Corporation Elevation 2503 KB 2498 GL
 Address 9342 E. Central Wichita, KS 67206
 Co. Rep / Geo. Dave Williams / Scott Hampel Rig Martin 24
 Location: Sec. 27 Twp. 10s Rge. 25w Co. Graham State KS

Interval Tested 3924-3954 Zone Tested LKL "H"
 Anchor Length 30' Drill Pipe Run 3836 Mud Wt. 9.1
 Top Packer Depth 3919 Drill Collars Run 85 Vis 54
 Bottom Packer Depth 3924 Wt. Pipe Run 0 WL 7.6
 Total Depth 3954 Chlorides 4,100 ppm System LCM 5

Blow Description IF - Weak surface blow
ISI - No Return
FF - No Blow, Weak surface blow at 25 mins, Buite to 1/8"
FSI - No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>20'</u>	<u>M, with oil spots</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

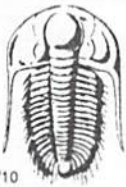
Rec Total 20' BHT 116 Gravity _____ API RW _____ @ _____ ° F Chlorides _____ ppm

(A) Initial Hydrostatic 1908 Test 1150 T-On Location 10:00
 (B) First Initial Flow 15 Jars 250 T-Started 10:01
 (C) First Final Flow 17 Safety Joint 75 T-Open 12:45
 (D) Initial Shut-In 1046 Circ Sub _____ T-Pulled 15:50
 (E) Second Initial Flow 19 Hourly Standby _____ T-Out 17:42
 (F) Second Final Flow 40 Mileage 114 RT 176.70 Comments _____
 (G) Final Shut-In 1023 Sampler _____
 (H) Final Hydrostatic 1829 Straddle _____ Ruined Shale Packer _____

Initial Open 5 Extra Packer _____ Extra Copies _____
 Initial Shut-In 60 Extra Recorder _____ Sub Total 0
 Final Flow 60 Day Standby _____ Total 1651.70
 Final Shut-In 60 Accessibility _____ MP/DST Disc't _____
 Sub Total 1651.70

Approved By _____ Our Representative Phil Gray Thank You

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. 59258

Well Name & No. Pfeifer "A" #1-27 Test No. 3 Date 6-19-14
 Company McCoy Petroleum Corporation Elevation 2503 KB 2498 GL
 Address 9342 E Central Wichita, KS 67206
 Co. Rep / Geo. Dave Williams / Scott Hampel Rig Murfin 24
 Location: Sec. 27 Twp. 10S Rge. 25W Co. Graham State KS

Interval Tested 3954-4018 Zone Tested LKC "EJ-k-1"
 Anchor Length 64' Drill Pipe Run 3866 Mud Wt. 9.1
 Top Packer Depth 3949 Drill Collars Run 85 Vis 54
 Bottom Packer Depth 3954 Wt. Pipe Run 0 WL 7.6
 Total Depth 4018 Chlorides 4,100 ppm System LCM 5
 Blow Description IF Buds to 11"
ISI No Return.
FF Bob in 5mins
FSI No Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>900</u>	<u>mcw</u>			<u>95</u>	<u>5</u>
<u>216</u>	<u>mcw</u>			<u>60</u>	<u>40</u>

Rec Total 1116 BHT 120 Gravity _____ API RW 200 @ 98 °F Chlorides 23500 ppm
 (A) Initial Hydrostatic 1949 Test 1250 T-On Location 04:16
 (B) First Initial Flow 75 Jars 250 T-Started 04:17
 (C) First Final Flow 126 Safety Joint 75 T-Open 06:11
 (D) Initial Shut-In 545 Circ Sub _____ T-Pulled 10:46
 (E) Second Initial Flow 130 Hourly Standby _____ T-Out 13:06
 (F) Second Final Flow 462 Mileage 114RT X 2 Comments PU Tool 3:00 AM 6-20
 (G) Final Shut-In 520 Sampler 353.40 Spit Test
 (H) Final Hydrostatic 1798 Straddle _____ 50/50
 Shale Packer _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1928.40
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1928.40

Approved By _____ Our Representative Phil Gray
 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.