



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

McCoy Petroleum Corp  
8080 E. Central  
Suite 300  
Wichita, KS. 67206  
ATTN: Jerry Smith

**Lewis Trust E Unit #1-1**

**1-26s-19w-Edwards**

Job Ticket: 42839 **DST#: 1**

Test Start: 2011.04.03 @ 01:58:16

## GENERAL INFORMATION:

Formation: **H**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 04:40:01  
 Time Test Ended: 10:48:31  
 Test Type: Conventional Bottom Hole  
 Tester: Jason McLemore  
 Unit No: 54  
 Interval: **4284.00 ft (KB) To 4299.00 ft (KB) (TVD)**  
 Reference Elevations: 2213.00 ft (KB)  
 Total Depth: 4299.00 ft (KB) (TVD) 2202.00 ft (CF)  
 Hole Diameter: 7.80 inches Hole Condition: Good KB to GR/CF: 11.00 ft

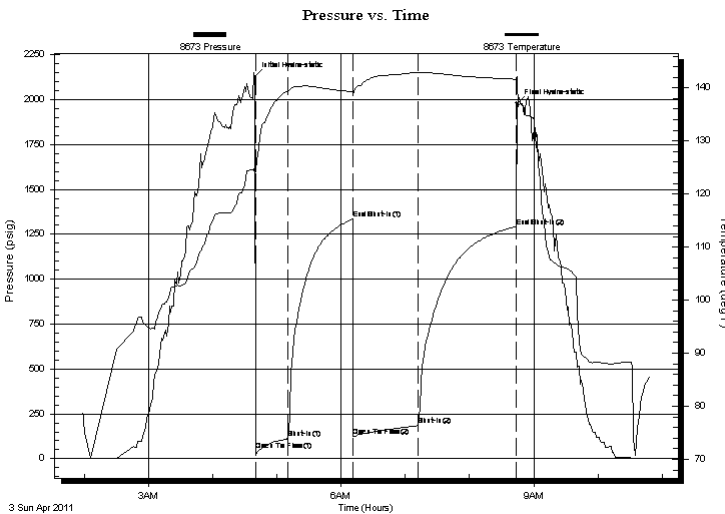
## Serial #: 8673

Inside

Press @ Run Depth: 184.57 psig @ 4286.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2011.04.03 End Date: 2011.04.03 Last Calib.: 2011.04.03  
 Start Time: 01:58:18 End Time: 10:48:31 Time On Btm: 2011.04.03 @ 04:39:31  
 Time Off Btm: 2011.04.03 @ 08:44:01

**TEST COMMENT:** IFP-Strong, BOB in 3-1/2 Min.  
 ISI-Blow back Built to 1/4", Died in 10 Min  
 FFP-Fair Blow, BOB in 30 Min.  
 FSI-Dead

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2127.45	125.17	Initial Hydro-static
1	46.91	124.26	Open To Flow (1)
31	111.04	139.45	Shut-In(1)
92	1334.78	139.31	End Shut-In(1)
92	124.36	138.54	Open To Flow (2)
153	184.57	142.91	Shut-In(2)
245	1294.18	141.65	End Shut-In(2)
245	1980.46	142.09	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
330.00	Muddy Water-95%W-5%M	2.66
15.00	OCMW-25%O-50%W-25%M	0.21
0.00	195' Gas In Pipe	0.00

## Gas Rates

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



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ATTN: Jerry Smith

**1-26s-19w-Edwards**

Job Ticket: 42839      **DST#: 1**

Test Start: 2011.04.03 @ 01:58:16

## 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: 125000 ppm	
Viscosity: 40.00 sec/qt	Cushion Volume: bbl		
Water Loss: 15.19 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4200.00 ppm			
Filter Cake: inches			

## Recovery Information

Recovery Table

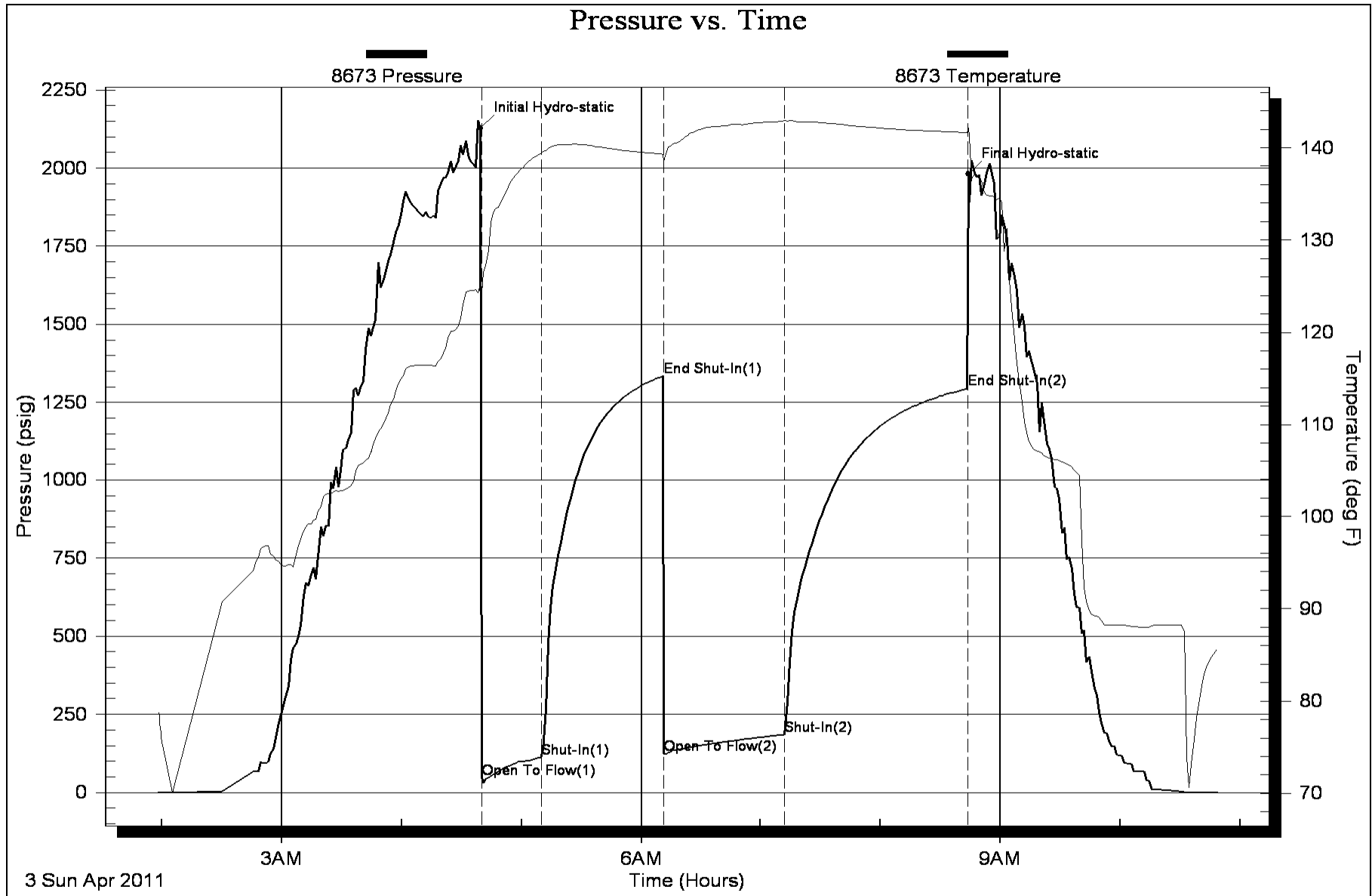
Length ft	Description	Volume bbl
330.00	Muddy Water-95%W-5%M	2.661
15.00	OCMW-25%O-50%W-25%M	0.210
0.00	195' Gas In Pipe	0.000

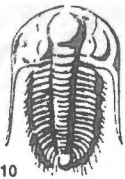
Total Length: 345.00 ft      Total Volume: 2.871 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:





# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 04283915622

4/10

Well Name & No. Lewis Trust 'E' Unit #1-1 Test No. 1 Date 4-3-11  
 Company McCoy Petroleum Corp. Elevation 2213 KB 2202 GL  
 Address 8080 E. Central, Suite 300, Wichita, KS. 67206  
 Co. Rep / Geo. Jerry Smith Rig Sterling #2  
 Location: Sec. 1 Twp. 26S Rge. 19W Co. Edwards State Ks

Interval Tested 4284-4299 Zone Tested KC - "H"  
 Anchor Length 15 Drill Pipe Run 4052 Mud Wt. 9.1  
 Top Packer Depth 4279 Drill Collars Run 216 Vis 40  
 Bottom Packer Depth 4284 Wt. Pipe Run 0 WL 15.2  
 Total Depth 4299 Chlorides 4200 ppm System LCM Ø  
 Blow Description IFP - Strong Blow, BOB in 3 1/2 min.  
ISI - Blowback of 44" after 10 min. Died off after 10 min.  
FIP - Fair Blow, BOB in 30 min.  
FSI -

Rec <u>15</u>	Feet of <u>100 MW</u>	%gas <u>25</u>	%oil <u>50</u>	%water <u>25</u>	%mud <u>25</u>
Rec <u>330</u>	Feet of <u>MW</u>	%gas	%oil <u>95</u>	%water <u>5</u>	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of <u>195' GIP</u>	%gas	%oil	%water	%mud
Rec Total <u>345</u>	BHT <u>142°</u>	Gravity	API RW <u>067 @ 71 °F</u>	Chlorides <u>125,000</u>	ppm
(A) Initial Hydrostatic <u>2127</u>	<input checked="" type="checkbox"/> Test <u>1225-</u>	T-On Location <u>1:56</u>			
(B) First Initial Flow <u>47</u>	<input type="checkbox"/> Jars	T-Started <u>2:37</u>			
(C) First Final Flow <u>111</u>	<input checked="" type="checkbox"/> Safety Joint <u>75-</u>	T-Open <u>5:22</u>			
(D) Initial Shut-In <u>1335</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>9:22</u>			
(E) Second Initial Flow <u>124</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>11:30</u>			
(F) Second Final Flow <u>185</u>	<input checked="" type="checkbox"/> Mileage <u>156 + 195-</u>	Comments			
(G) Final Shut-In <u>1294</u>	<input type="checkbox"/> Sampler				
(H) Final Hydrostatic <u>1980</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer			
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer			
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies			
Final Flow <u>60</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>Ø</u>			
Final Shut-In <u>90</u>	<input type="checkbox"/> Day Standby	Total <u>1495-</u>			
	<input type="checkbox"/> Accessibility	MP/DST Disc't			
	Sub Total <u>1495-</u>				

Approved By

Our Representative

Caron Mc Jensen 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**

# DRILL STEM TEST REPORT

McCoy Petroleum Corp  
 8080 E. Central  
 Suite 300  
 Wichita, KS. 67206  
 ATTN: Jerry Smith

**Lewis Trust E Unit #1-1**

**1-26s-19w-Edwards**

Job Ticket: 42840 **DST#: 2**

Test Start: 2011.04.04 @ 20:55:00

## GENERAL INFORMATION:

Formation: **Mississippi**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 00:52:15  
 Time Test Ended: 07:20:45  
 Interval: **4663.00 ft (KB) To 4710.00 ft (KB) (TVD)**  
 Total Depth: 4710.00 ft (KB) (TVD)  
 Hole Diameter: 7.80 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole  
 Tester: Jason McLemore  
 Unit No: 54  
 Reference Elevations: 2213.00 ft (KB)  
 2202.00 ft (CF)  
 KB to GR/CF: 11.00 ft

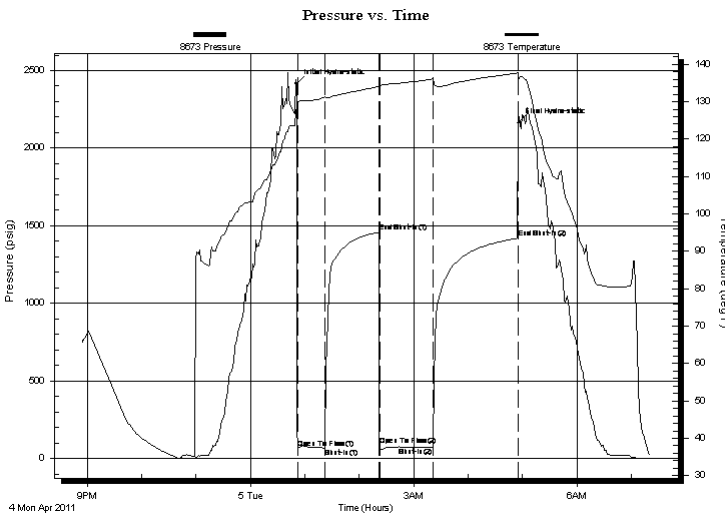
## Serial #: 8673

Inside

Press @ Run Depth: 71.82 psig @ 4699.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2011.04.04 End Date: 2011.04.05 Last Calib.: 2011.04.05  
 Start Time: 20:55:02 End Time: 07:20:45 Time On Btm: 2011.04.05 @ 00:50:45  
 Time Off Btm: 2011.04.05 @ 04:55:15

TEST COMMENT: IFP-Strong, BOB ino Surface in 7-1/2 Min. Gauging Gas, Sample Taken  
 ISI-Dead  
 FFP-BOB Upon Open, Gauging Gas  
 FSI-Dead

## PRESSURE SUMMARY



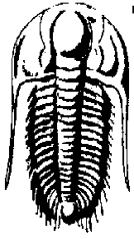
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2415.91	128.64	Initial Hydro-static
2	63.36	130.14	Open To Flow (1)
32	68.94	131.26	Shut-In(1)
91	1458.45	134.06	End Shut-In(1)
92	85.14	134.00	Open To Flow (2)
151	71.82	136.14	Shut-In(2)
244	1420.01	137.71	End Shut-In(2)
245	2161.46	136.97	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
183.00	Drilling Mud	0.90

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.75	10.00	381.12
Last Gas Rate	0.75	2.25	260.07
Max. Gas Rate	0.75	10.00	381.12



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**FLUID SUMMARY**

McCoy Petroleum Corp

**Lewis Trust E Unit #1-1**

8080 E. Central  
Suite 300  
Wichita, KS. 67206  
ATTN: Jerry Smith

**1-26s-19w-Edwards**

Job Ticket: 42840 **DST#: 2**

Test Start: 2011.04.04 @ 20:55:00

## 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: 66.00 sec/qt	Cushion Volume: bbl		
Water Loss: 13.19 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 6400.00 ppm			
Filter Cake: inches			

## Recovery Information

Recovery Table

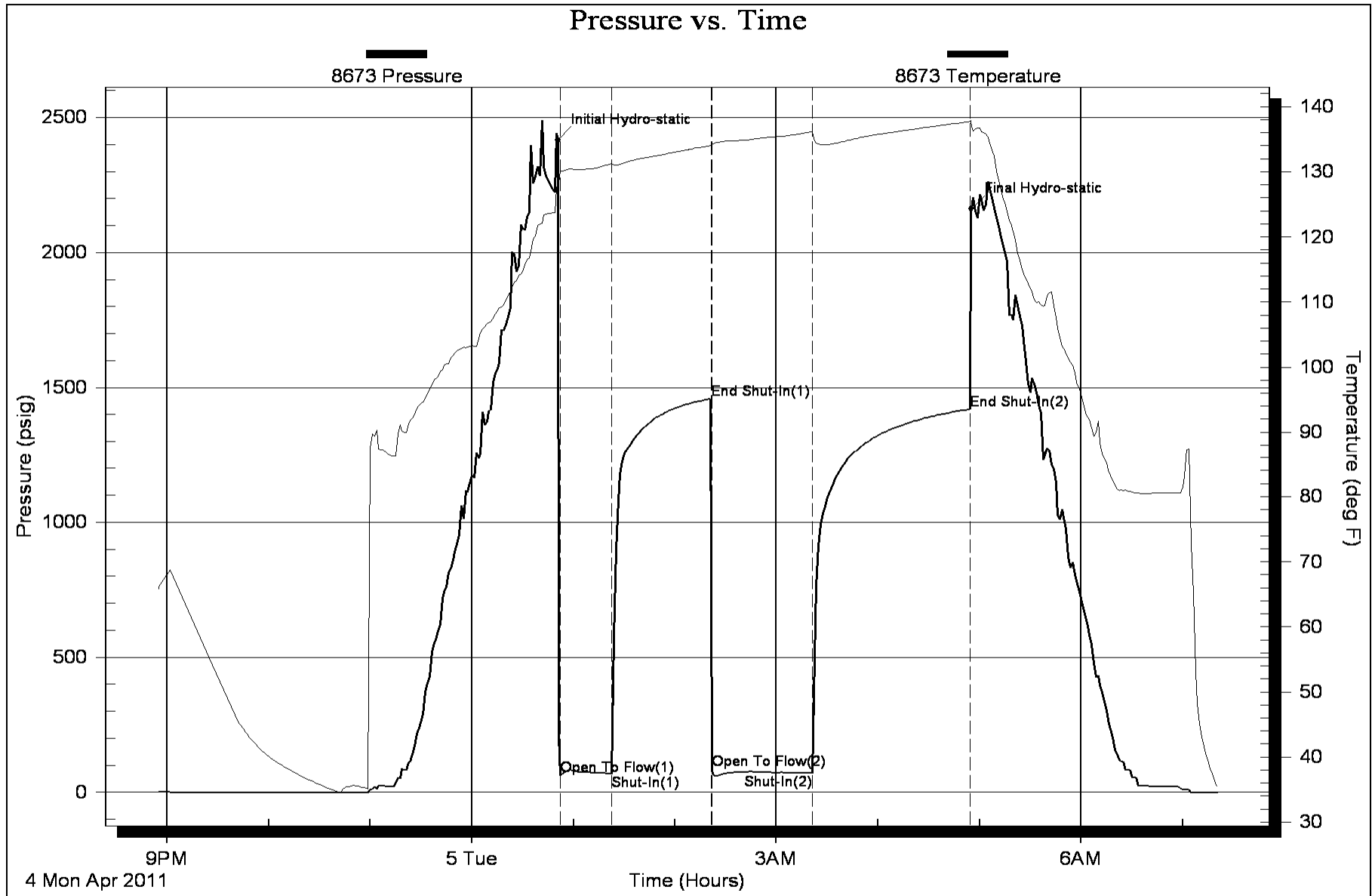
Length ft	Description	Volume bbl
183.00	Drilling Mud	0.900

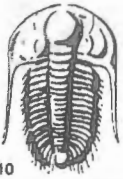
Total Length: 183.00 ft      Total Volume: 0.900 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:





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P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 042840

4/10

Well Name & No. Lewis Trust 'E' Unit #11 Test No. 2 Date 4-4-11  
 Company McCoy Petroleum Corp Elevation 2213 KB 2202 GL  
 Address 8080 E Central, Suite 300, Wichita, KS. 67206  
 Co. Rep / Geo. Jerry Smith Rig Sterling #2  
 Location: Sec. 1 Twp. 26s Rge. 19w Co. Edward State Ks

Interval Tested 4663-4710 Zone Tested Mississippi  
 Anchor Length 47' Drill Pipe Run 4433 Mud Wt. 9.3  
 Top Packer Depth 4658 Drill Collars Run 216 Vis 66  
 Bottom Packer Depth 4663 Wt. Pipe Run 0 WL 13.2  
 Total Depth 4710 Chlorides 6400 ppm System LCM  
 Blow Description I/FP- Strong, BOB in 25 Sec. GTS in 7 1/2 min, Gauging Gas  
ISI - Dead

F/FP- BOB Upon Open, Gauging Gas  
FSI - Dead

Rec	Feet of	%gas	%oil	%water	%mud
<u>183'</u>	<u>Drilling Mud</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 183' BHT \_\_\_\_\_ Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

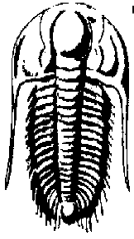
(A) Initial Hydrostatic \_\_\_\_\_  Test 1225- T-On Location 20:35  
 (B) First Initial Flow \_\_\_\_\_  Jars \_\_\_\_\_ T-Started 20:53  
 (C) First Final Flow \_\_\_\_\_  Safety Joint 75- T-Open 24:52  
 (D) Initial Shut-In \_\_\_\_\_  Circ Sub \_\_\_\_\_ T-Pulled 4:52  
 (E) Second Initial Flow \_\_\_\_\_  Hourly Standby 3/4 hr 75- T-Out 7:20  
 (F) Second Final Flow \_\_\_\_\_  Mileage 156 rt 195- Comments \_\_\_\_\_  
 (G) Final Shut-In \_\_\_\_\_  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic \_\_\_\_\_  Straddle \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Ruined Packer 260  
 Extra Recorder \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Initial Open 30 Sub Total 200-  
 Initial Shut-In 60 Total 1830  
 Final Flow 60 MP/DST Disc't \_\_\_\_\_  
 Final Shut-In 90 Sub Total 1670-

Approved By \_\_\_\_\_

Our Representative Jason Mc Lemore

*Thank You*





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# DRILL STEM TEST REPORT

McCoy Petroleum Corp

**Lewis Trust E Unit #1-1**

8080 E. Central  
Suite 300  
Wichita, KS. 67206  
ATTN: Jerry Smith

**1-26s-19w-Edwards**

Job Ticket: 42841

**DST#: 3**

Test Start: 2011.04.05 @ 13:48:49

## GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:46:19

Time Test Ended: 23:01:04

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 54

**Interval: 4710.00 ft (KB) To 4720.00 ft (KB) (TVD)**

Reference Elevations: 2213.00 ft (KB)

Total Depth: 4720.00 ft (KB) (TVD)

2202.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

**Serial #: 8673 Inside**

Press @ Run Depth: 25.12 psig @ 4712.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.04.05

End Date:

2011.04.05

Last Calib.:

2011.04.05

Start Time: 13:48:51

End Time:

23:01:04

Time On Btm:

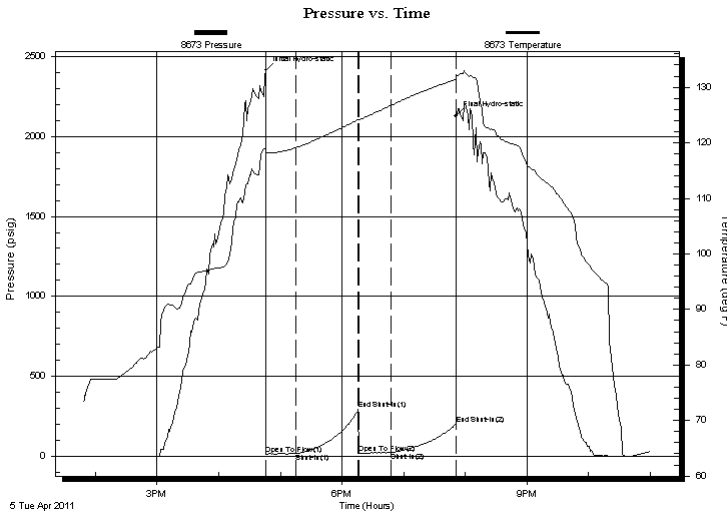
2011.04.05 @ 16:46:04

Time Off Btm:

2011.04.05 @ 19:50:49

**TEST COMMENT:** IFP-Weak Blow ,Built to 2-1/4  
ISI-Dead  
FFP-Weak Blow ,Built to 1-1/2"  
FSI-Dead

## PRESSURE SUMMARY



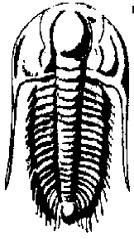
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2411.65	118.83	Initial Hydro-static
1	12.48	118.02	Open To Flow (1)
30	18.31	119.14	Shut-In(1)
90	293.92	124.16	End Shut-In(1)
91	18.74	124.08	Open To Flow (2)
122	25.12	126.74	Shut-In(2)
185	201.32	131.41	End Shut-In(2)
185	2126.00	132.35	Final Hydro-static

## Recovery

## Gas Rates

Length (ft)	Description	Volume (bbl)
5.00	Mud W/Slight Oil Scum	0.02

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



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ATTN: Jerry Smith

**1-26s-19w-Edwards**

Job Ticket: 42841 **DST#: 3**

Test Start: 2011.04.05 @ 13:48:49

## 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: 40.00 sec/qt	Cushion Volume: bbl		
Water Loss: 15.17 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4200.00 ppm			
Filter Cake: inches			

## Recovery Information

Recovery Table

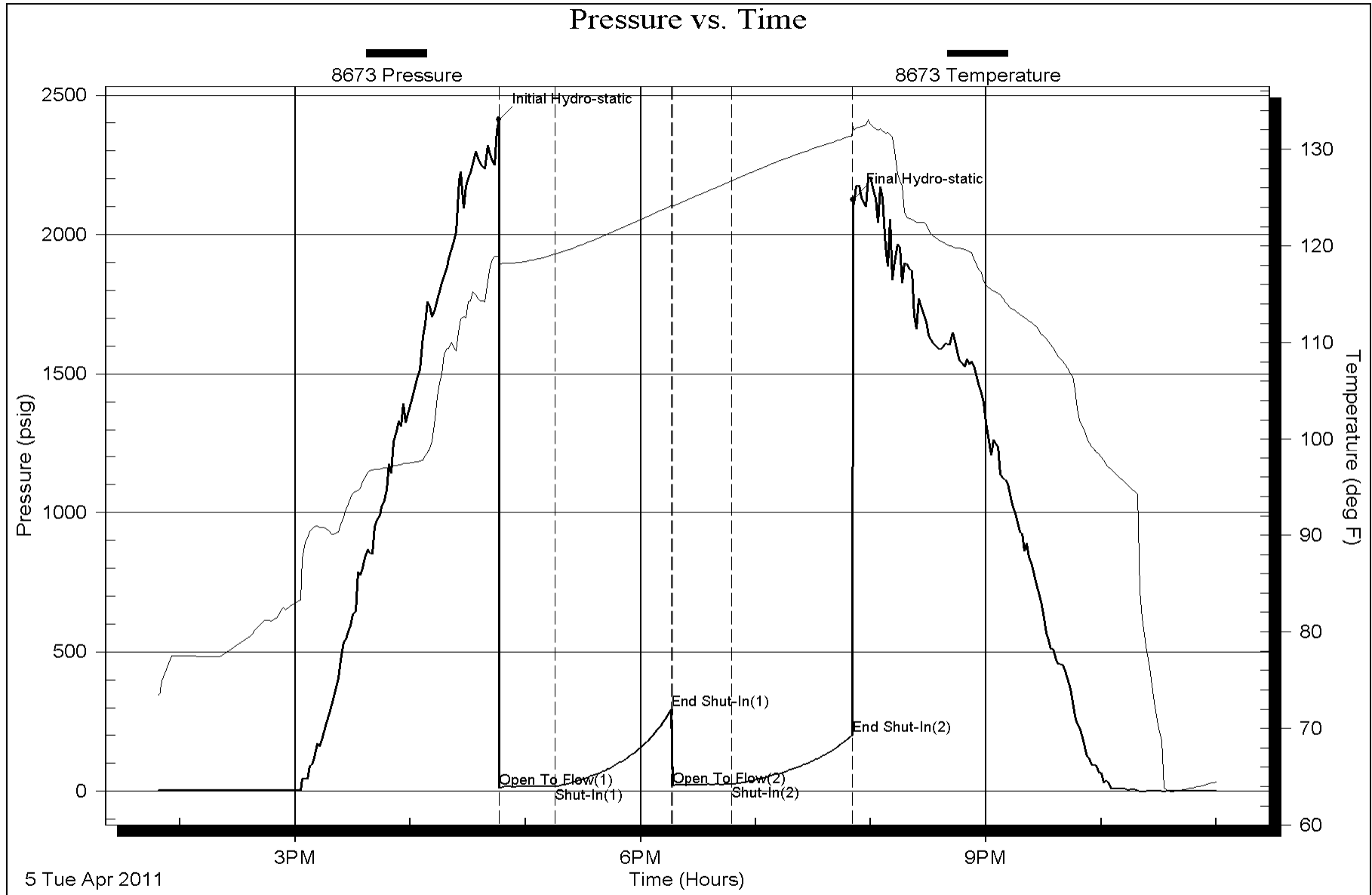
Length ft	Description	Volume bbl
5.00	Mud W/Slight Oil Scum	0.025

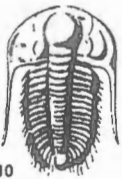
Total Length: 5.00 ft Total Volume: 0.025 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:





# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 042841

4/10

Well Name & No. Lewis Trust 'E' Unit # 1-1 Test No. 3 Date 4-5-11  
 Company McCoy Petroleum Corp. Elevation 2213 KB 2202 GL  
 Address 8080 E Central, Suite 300, Wichita, KS. 67206  
 Co. Rep / Geo. Jerry Smith Rig Sterling # 2  
 Location: Sec. 1 Twp. 26s Rge. 19w Co. Edwards State Ks

Interval Tested 4710-4720 Zone Tested Mississippi  
 Anchor Length 10 Drill Pipe Run 4497 Mud Wt. 9.1  
 Top Packer Depth 4705 Drill Collars Run 216 Vis 90  
 Bottom Packer Depth 4710 Wt. Pipe Run 0 WL 10.4  
 Total Depth 4720 Chlorides 6500 ppm System LCM Ø  
 Blow Description IFP-Weak Blow, Built to 2'4"  
ISI-Dead  
FFP-Weak Blow, Built to 1 1/2"  
FSE-Dead

Rec	Feet of	%gas	%oil	%water	%mud
<u>5'</u>	<u>Mud w/slight oil scum</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 5' BHT 131 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 2412  Test 1225 T-On Location 13:35  
 (B) First Initial Flow 12  Jars \_\_\_\_\_ T-Started 13:46  
 (C) First Final Flow 18  Safety Joint 75' T-Open 16:46  
 (D) Initial Shut-In 294  Circ Sub \_\_\_\_\_ T-Pulled 19:46  
 (E) Second Initial Flow 19  Hourly Standby \_\_\_\_\_ T-Out 23:00  
 (F) Second Final Flow 25  Mileage 150RT 195' Comments \_\_\_\_\_  
 (G) Final Shut-In 201  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2126  Straddle \_\_\_\_\_  
 Ruined Shale Packer \_\_\_\_\_  
 Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  
 Extra Copies \_\_\_\_\_  
 Initial Open 30  Shale Packer \_\_\_\_\_  
 Initial Shut-In 60  Extra Recorder \_\_\_\_\_  
 Final Flow 30  Day Standby \_\_\_\_\_  
 Final Shut-In 60  Accessibility \_\_\_\_\_  
 Sub Total 1495' MP/DST Disc't \_\_\_\_\_

Approved By \_\_\_\_\_

Our Representative Jason McLenore

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.

Thank You