



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Brito Oil Co.

1-12 Fairleigh 'C'

S12-15s-33w Logan,KS

Job Ticket: 41171

DST#: 1

ATTN: Tom Funk

Test Start: 2011.03.20 @ 18:35:00

GENERAL INFORMATION:

Formation: **LKC 'C'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:07:00

Time Test Ended: 00:50:20

Test Type: Conventional Bottom Hole

Tester: Chuck Smith

Unit No: 37

Interval: 3715.00 ft (KB) To 3747.00 ft (KB) (TVD)

Reference Elevations: 3732.00 ft (KB)

Total Depth: 3747.00 ft (KB) (TVD)

3727.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 6751 Outside

Press @ Run Depth: 84.04 psig @ 3719.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.03.20

End Date: 2011.03.21

Last Calib.: 2011.03.21

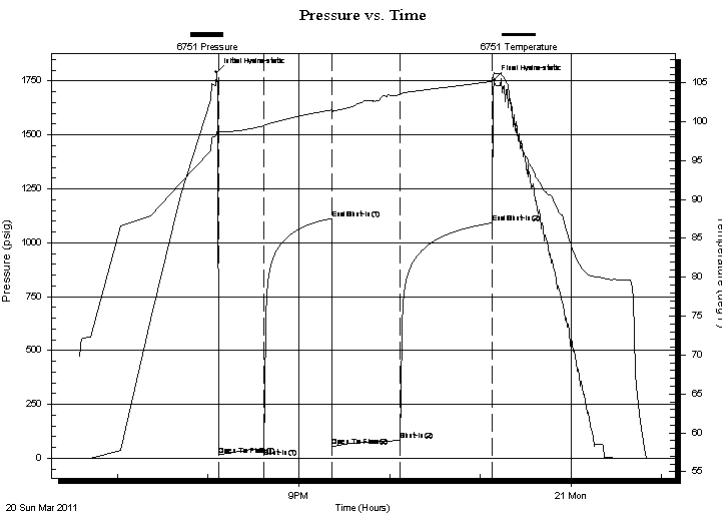
Start Time: 18:35:05

End Time: 00:50:20

Time On Btm: 2011.03.20 @ 20:05:40

Time Off Btm: 2011.03.20 @ 23:09:09

TEST COMMENT: IF: 2 1/2" Blow.
IS: No return.
FF: 3" Blow.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1790.15	98.29	Initial Hydro-static
2	15.75	98.24	Open To Flow (1)
32	48.03	99.46	Shut-In(1)
77	1112.86	101.50	End Shut-In(1)
77	54.77	100.89	Open To Flow (2)
122	84.04	103.51	Shut-In(2)
183	1092.56	105.16	End Shut-In(2)
184	1756.09	106.32	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	RW: .275 @ 57 Degrees F = 30000 PPM	0.00
150.00	MW 25m 75w Oil spots in tool.	1.01

Gas Rates

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



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FLUID SUMMARY

Brito Oil Co.

1-12 Fairleigh 'C'

S12-15s-33w Logan,KS

Job Ticket: 41171

DST#: 1

ATTN: Tom Funk

Test Start: 2011.03.20 @ 18:35:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 8.00 lb/gal

Cushion Length:

ft

Water Salinity:

30000 ppm

Viscosity: 62.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	RW:.275 @ 57 Degrees F = 30000 PPM	0.000
150.00	MW 25m 75w Oil spots in tool.	1.011

Total Length: 150.00 ft

Total Volume: 1.011 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

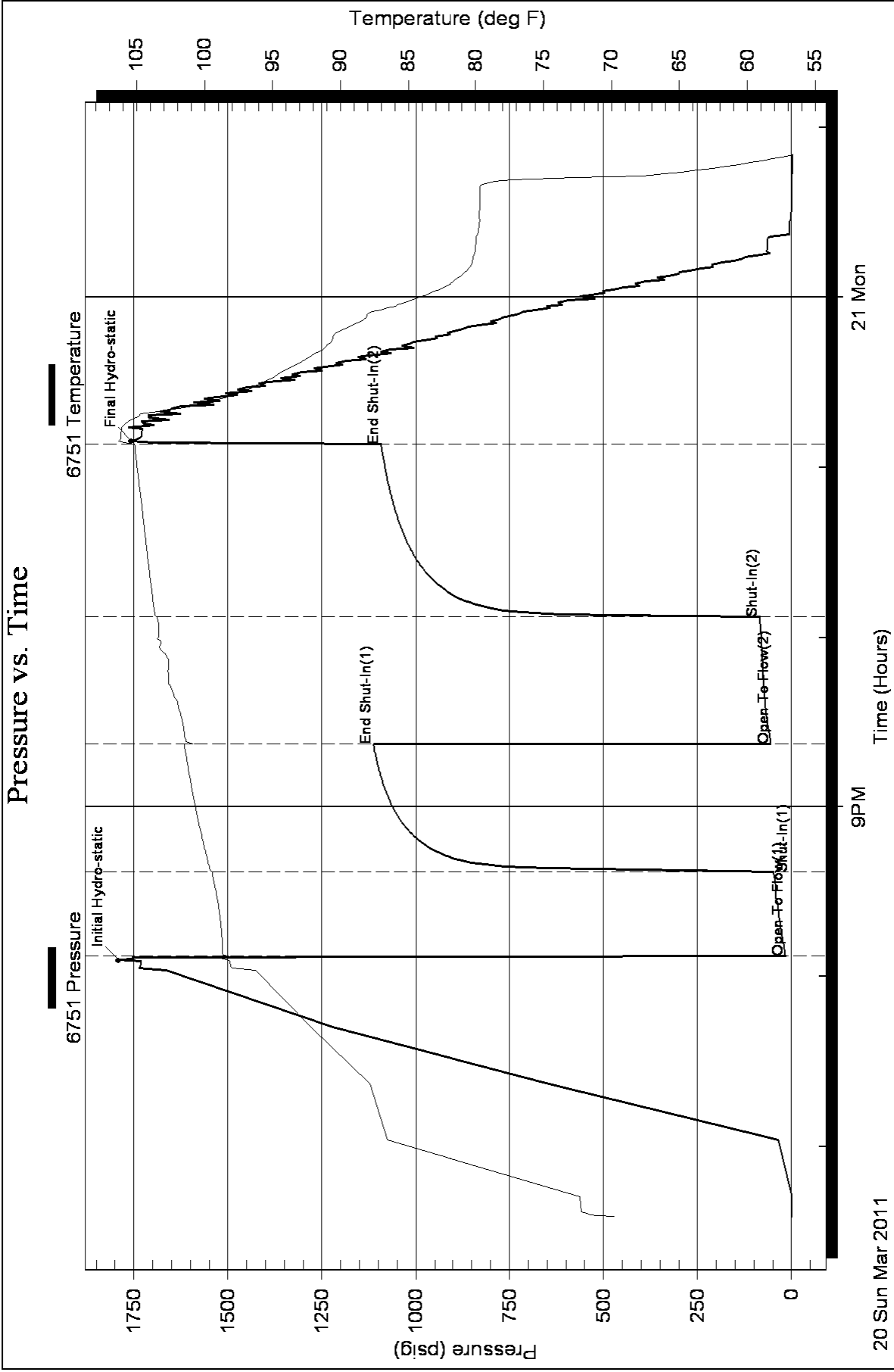
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Brito Oil Co.

1-12 Fairleigh 'C'

S12-15s-33w Logan,KS

Job Ticket: 41172

DST#: 2

ATTN: Tom Funk

Test Start: 2011.03.22 @ 18:11:00

GENERAL INFORMATION:

Formation: **Altamont 'B-C'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:59:24

Time Test Ended: 01:47:36

Test Type: Conventional Bottom Hole

Tester: Chuck Smith

Unit No: 37

Interval: 4086.00 ft (KB) To 4150.00 ft (KB) (TVD)

Reference Elevations: 3732.00 ft (KB)

Total Depth: 4150.00 ft (KB) (TVD)

3727.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8018 Inside

Press @ Run Depth: 65.63 psig @ 4089.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.03.22

End Date:

2011.03.23

Last Calib.: 2011.03.23

Start Time: 18:11:05

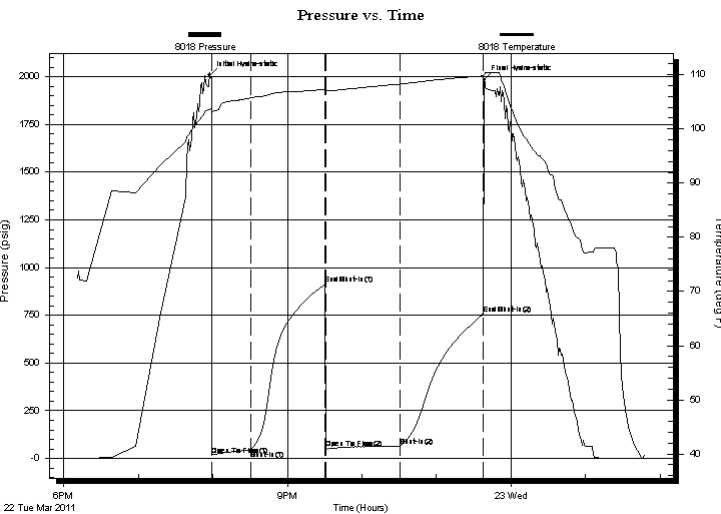
End Time:

01:47:36

Time On Btm: 2011.03.22 @ 19:57:24

Time Off Btm: 2011.03.22 @ 23:38:36

TEST COMMENT: IF: 5" Blow.
IS: No return.
FF: 6" Blow.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2006.73	103.70	Initial Hydro-static
2	15.07	102.86	Open To Flow (1)
33	44.10	105.71	Shut-In(1)
93	911.59	107.32	End Shut-In(1)
94	51.36	107.00	Open To Flow (2)
154	65.63	108.32	Shut-In(2)
220	757.04	109.81	End Shut-In(2)
222	1984.77	110.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	GOCM 5g 45o 50m	0.59
15.00	O 100o	0.21

Gas Rates

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



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DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Co.

1-12 Fairleigh 'C'

S12-15s-33w Logan,KS

Job Ticket: 41172

DST#: 2

ATTN: Tom Funk

Test Start: 2011.03.22 @ 18:11:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

31 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	GOCM 5g 45o 50m	0.590
15.00	O 100o	0.210

Total Length: 135.00 ft

Total Volume:

bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

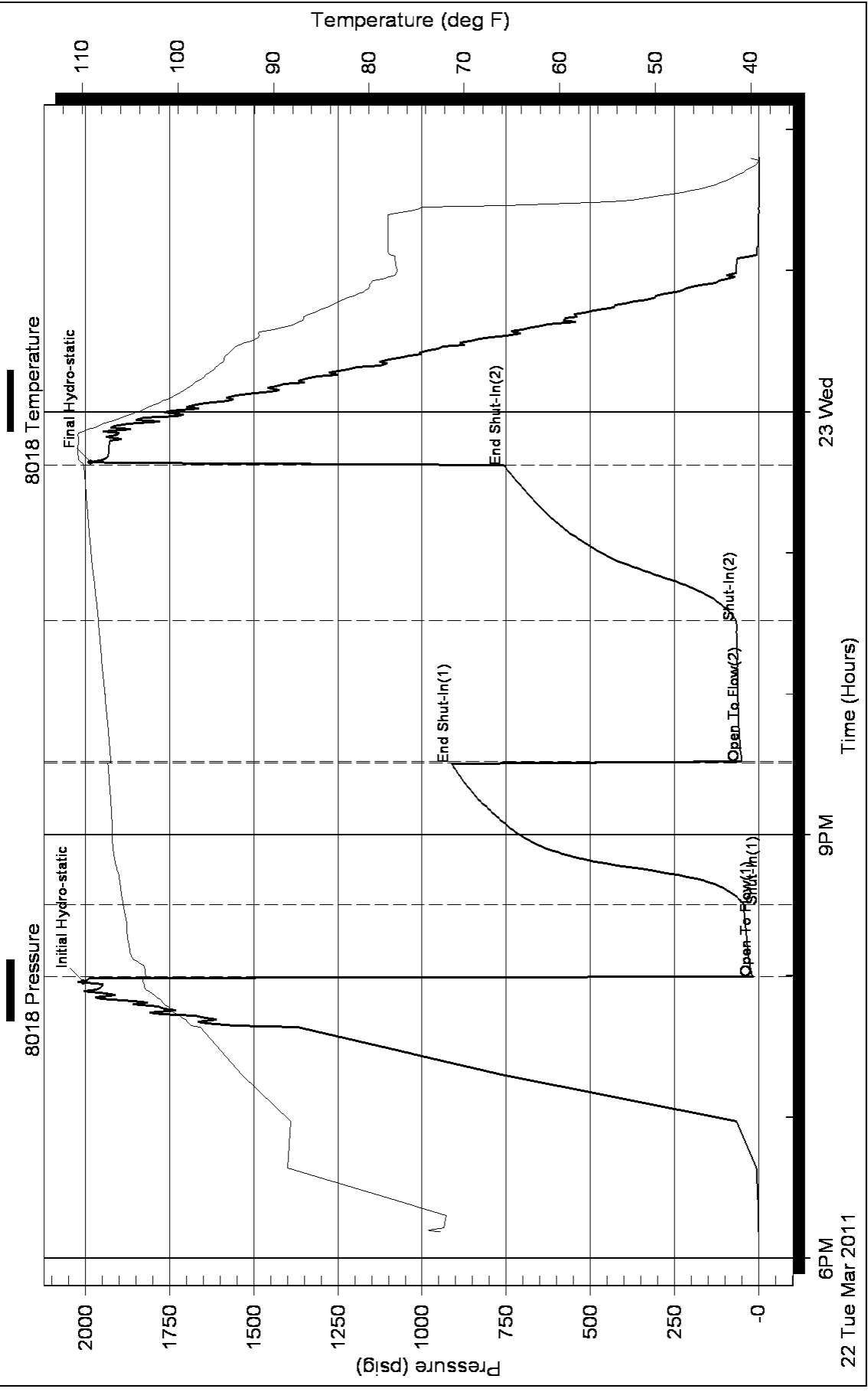
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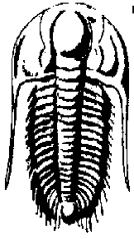
Laboratory Name:

Laboratory Location:

Recovery Comments: API: 31 @ 60 Degrees F = 31

Pressure vs. Time





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Brito Oil Co.

1-12 Fairleigh 'C'

S12-15s-33w Logan,KS

Job Ticket: 41173

DST#: 3

ATTN: Tom Funk

Test Start: 2011.03.24 @ 17:36:00

GENERAL INFORMATION:

Formation: **Pleasanton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:16:48

Time Test Ended: 00:58:24

Test Type: Conventional Straddle

Tester: Chuck Smith

Unit No: 37

Interval: 3994.00 ft (KB) To 4065.00 ft (KB) (TVD)

Reference Elevations: 3732.00 ft (KB)

Total Depth: 4429.00 ft (KB) (TVD)

3727.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8018

Inside

Press @ Run Depth: 1042.94 psig @ 4000.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.03.24

End Date:

2011.03.25

Last Calib.:

2011.03.25

Start Time: 17:36:05

End Time:

00:58:23

Time On Btm:

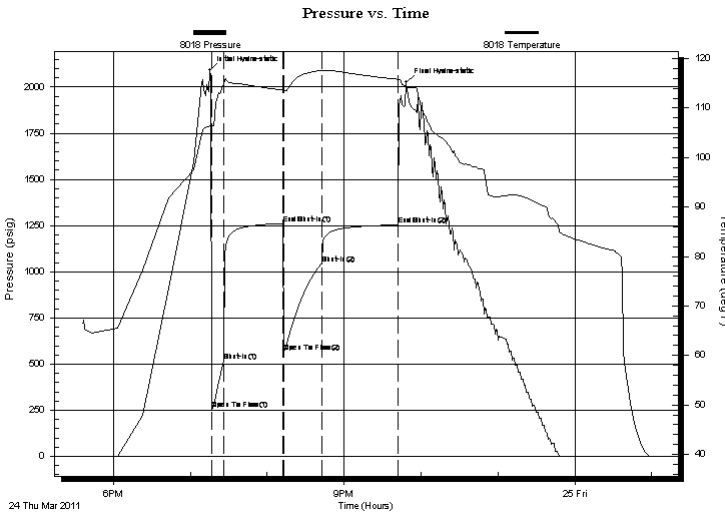
2011.03.24 @ 19:15:12

Time Off Btm:

2011.03.24 @ 21:48:36

TEST COMMENT: IF: B.O.B. @ 1 min.
IS: Surface return.
FF: B.O.B. @ 1 1/4 min.
FS: No return

PRESSURE SUMMARY



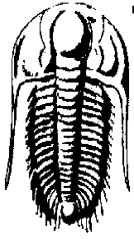
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2090.73	106.45	Initial Hydro-static
2	255.72	106.40	Open To Flow (1)
11	518.56	114.55	Shut-In(1)
57	1260.99	113.69	End Shut-In(1)
58	566.44	113.51	Open To Flow (2)
88	1042.94	117.52	Shut-In(2)
147	1254.89	115.81	End Shut-In(2)
154	2026.21	114.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	RW: .210 @ 66 Degrees F= 35000 PPM	0.00
930.00	MW 10m 90w Popping Gas	11.95
622.00	MW 40m 60w	8.73
500.00	WM 40w 60m	7.01
218.00	WM 5w 95m	3.06

Gas Rates

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



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FLUID SUMMARY

Brito Oil Co.

1-12 Fairleigh 'C'

S12-15s-33w Logan,KS

Job Ticket: 41173

DST#: 3

ATTN: Tom Funk

Test Start: 2011.03.24 @ 17:36:00

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: 35000 ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl	
Water Loss: 8.78 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 4500.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	RW:.210 @ 66 Degrees F= 35000 PPM	0.000
930.00	MW 10m 90w Popping Gas	11.952
622.00	MW 40m 60w	8.725
500.00	WM 40w 60m	7.014
218.00	WM 5w 95m	3.058

Total Length: 2270.00 ft Total Volume: 30.749 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

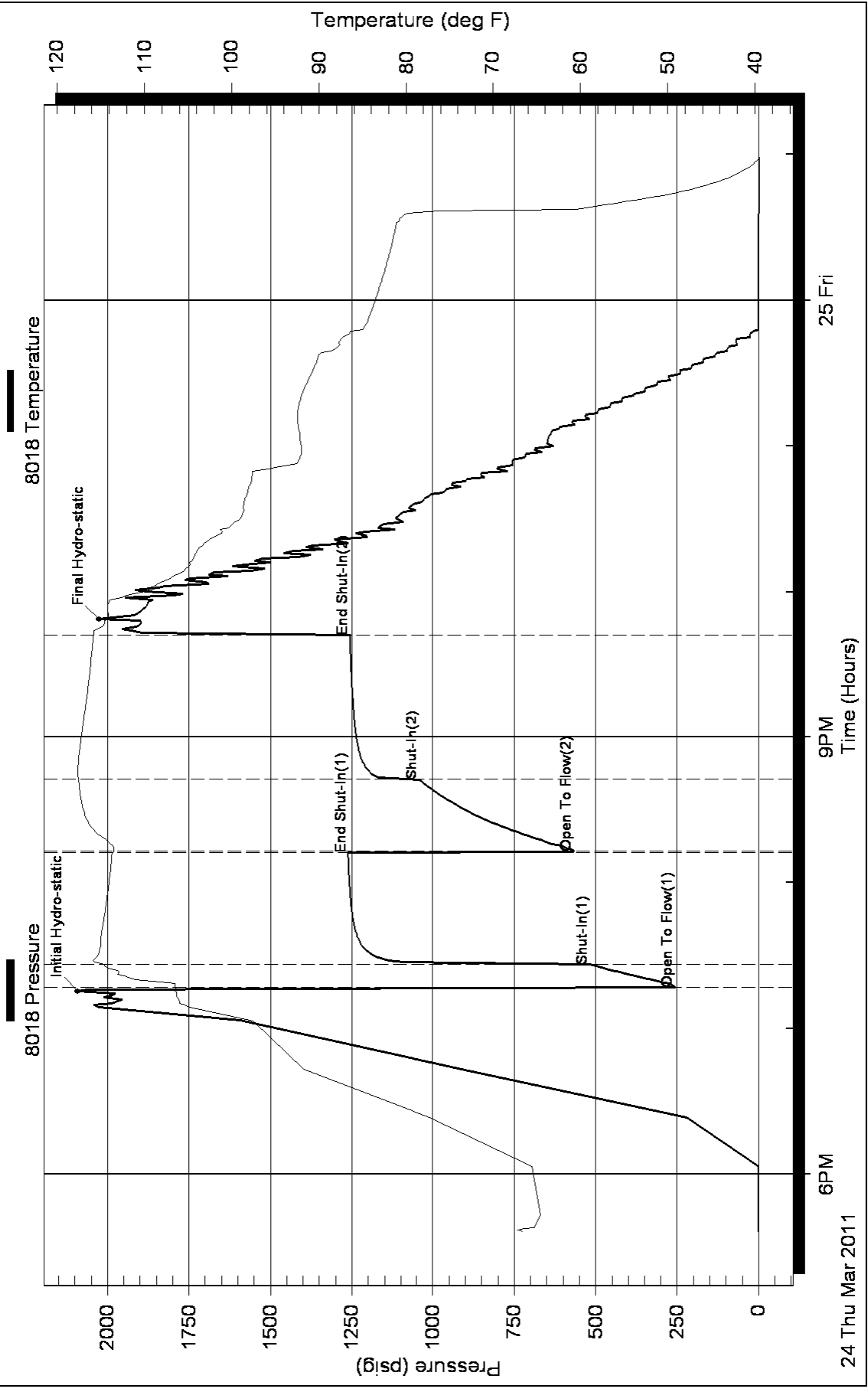
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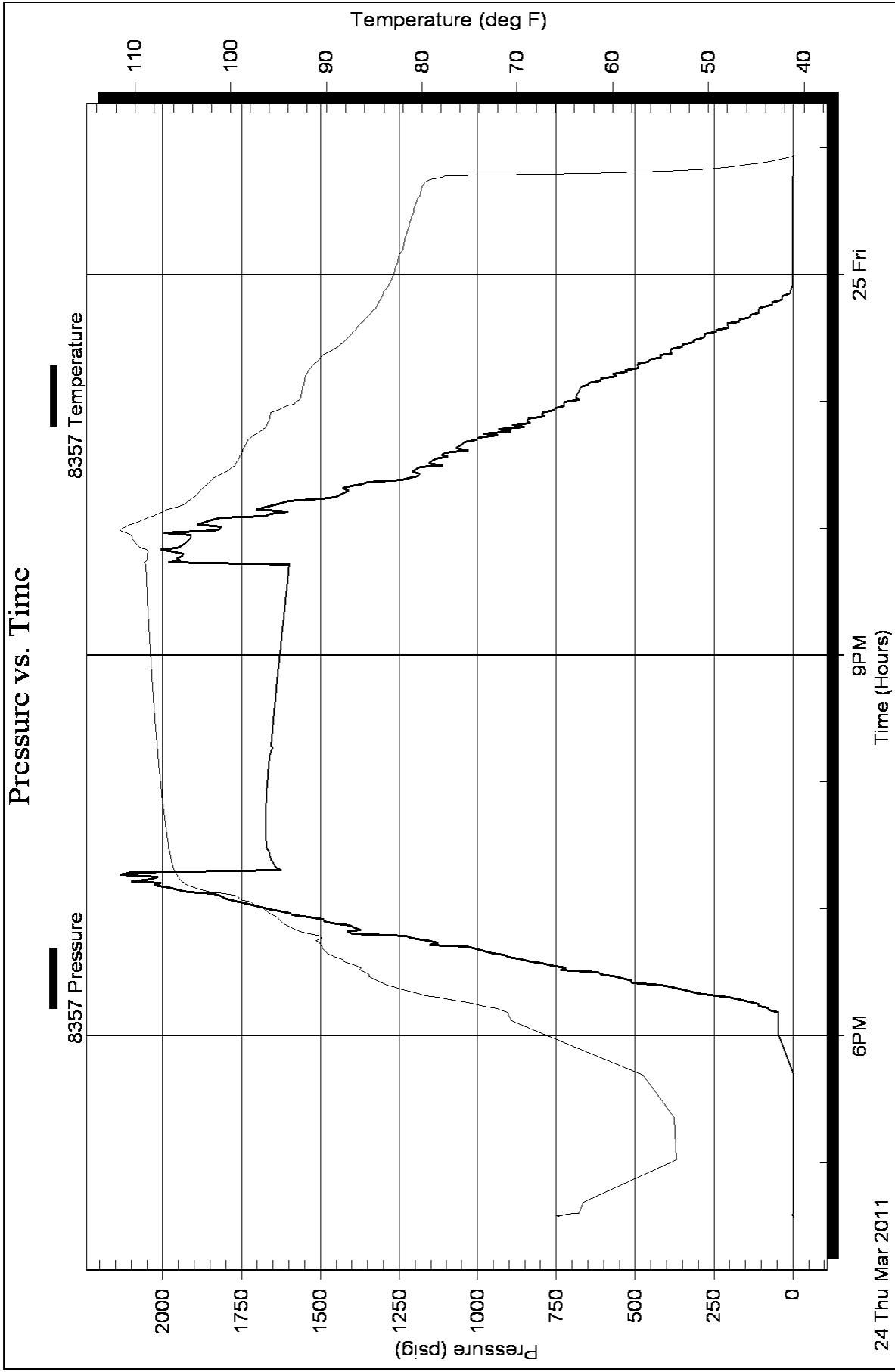
Laboratory Name:

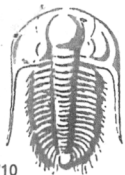
Laboratory Location:

Recovery Comments:

Pressure vs. Time







TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 041171 15541

MAR 24 2011

Well Name & No. 1-12 Fairleigh 'C' Test No. 1 Date 3-20-11
 Company Brito Oil Elevation 2732 KB 2727 GL
 Address _____
 Co. Rep / Geo. Tom Funk Rig MDC #24
 Location: Sec. 12 Twp. 15 Rge. 33 Co. Logan State Ks

Interval Tested 3715-3747 Zone Tested LKC 'C'
 Anchor Length 32 Drill Pipe Run _____ Mud Wt. 8.5
 Top Packer Depth 3711 Drill Collars Run 120 Vis 62
 Bottom Packer Depth 3715 Wt. Pipe Run 0 WL 7.2
 Total Depth 3747 Chlorides 2200 ppm System LCM 2
 Blow Description IF: 2 1/2" Blow
ISE: No return.
FF: 3" Blow.
FSL: No return.

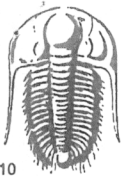
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>150</u>	Feet of <u>MW w/oil spots in tool</u>	%gas	%oil	<u>75</u> %water	<u>25</u> %mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 150 BHT 105 Gravity — API RW 275 @ 57 °F Chlorides 30,000 ppm
 (A) Initial Hydrostatic 1790 Test 1125 T-On Location 18:10
 (B) First Initial Flow 16 Jars _____ T-Started 18:35
 (C) First Final Flow 48 Safety Joint _____ T-Open 20:07
 (D) Initial Shut-In 1113 Circ Sub 50 T-Pulled 23:08
 (E) Second Initial Flow 55 Hourly Standby _____ T-Out 00:50
 (F) Second Final Flow 84 Mileage 61 RT 76.25 Comments _____
 (G) Final Shut-In 1093 Sampler _____
 (H) Final Hydrostatic 1756 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 30 Extra Recorder _____ Sub Total 0
 Initial Shut-In 45 Day Standby _____ Total 1251.25
 Final Flow 45 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 60 Sub Total 1251.25

Approved By _____

Our Representative Chuck Amitt

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.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
MAR 24 2011

Test Ticket

NO. 041172

Well Name & No. 1-12 Fairleigh 'C' Test No. 2 Date 3-22-11
 Company Brito Oil Elevation 2732 KB 2727 GL
 Address _____
 Co. Rep / Geo. Tom Funk Rig MDC#24
 Location: Sec. 12 Twp. 15 Rge. 33 Co. Logan State KS

Interval Tested 4086-4150 Zone Tested Altamont 'B-C'
 Anchor Length 64 Drill Pipe Run 3964 Mud Wt. 9.0
 Top Packer Depth 4082 Drill Collars Run 120 Vis 58
 Bottom Packer Depth 4086 Wt. Pipe Run 0 WL 8.0
 Total Depth 4150 Chlorides 3500 ppm System LCM 2
 Blow Description IF: 5" Blow.
ISI: No return.
FF: 6" Blow.
FSI: No return.

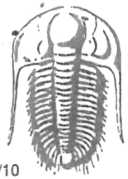
Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>15</u>	Feet of <u>0</u>	%gas	<u>100%</u> oil	%water	%mud
Rec <u>120</u>	Feet of <u>60cm</u>	<u>5%</u> gas	<u>45%</u> oil	%water	<u>50%</u> mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud

Rec Total 135 BHT 110 Gravity 31 API RW - @ - ° F Chlorides - ppm

(A) Initial Hydrostatic 2007 Test 1225' T-On Location 17:45
 (B) First Initial Flow 15 Jars _____ T-Started 18:11
 (C) First Final Flow 44 Safety Joint _____ T-Open 19:59
 (D) Initial Shut-In 912 Circ Sub NIC T-Pulled 23:37
 (E) Second Initial Flow 51 Hourly Standby _____ T-Out 01:48
 (F) Second Final Flow 66 Mileage 61 RT 76.25 Comments _____
 (G) Final Shut-In 757 Sampler _____
 (H) Final Hydrostatic 1985 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____
 Day Standby 41 hrs 17 hrs Sub Total 566.78
 Accessibility _____ Total 1868.03
 Sub Total 1301.25 MP/DST Disc't _____

Approved By [Signature] Our Representative Chuck Smith

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

MAR 28 2011

Test Ticket

NO. 041173

Well Name & No. 1-12 Fairleigh C Test No. 3 Date 3-24-11
 Company Brito Oil Elevation 2732 KB 2727 GL
 Address _____
 Co. Rep / Geo. Tom Funk Rig MDC #24
 Location: Sec. 12 Twp. 15 Rge. 33 Co. Logan State Ks

Interval Tested 3994-4065 Zone Tested Pleasanton
 Anchor Length 71 Drill Pipe Run 3870 Mud Wt. 9.1
 Top Packer Depth 3990 Drill Collars Run 120 Vis 51
 Bottom Packer Depth 4065 Wt. Pipe Run 0 WL 8.8
 Total Depth 4429 Chlorides 4500 ppm System LCM 2
 Blow Description IF: B.O.B. @ 1 min.
ISI: 1/2" Return.
FF: B.O.B. @ 1 1/4 min.
FSI: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>218</u>	<u>WM</u>			<u>5%</u>	<u>95%</u>
<u>500</u>	<u>WM</u>			<u>40%</u>	<u>60%</u>
<u>622</u>	<u>MW</u>			<u>60%</u>	<u>40%</u>
<u>930</u>	<u>MW Popping gas</u>			<u>90%</u>	<u>10%</u>
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 2270 BHT _____ Gravity - API RW 210 @ 66 °F Chlorides 35,000 ppm

(A) Initial Hydrostatic <u>2091</u>	<input checked="" type="checkbox"/> Test <u>12.25</u>	T-On Location <u>13:30</u>
(B) First Initial Flow <u>256</u>	<input type="checkbox"/> Jars _____	T-Started <u>16:34</u>
(C) First Final Flow <u>519</u>	<input type="checkbox"/> Safety Joint _____	T-Open <u>19:17</u>
(D) Initial Shut-In <u>1261</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>22:42</u>
(E) Second Initial Flow <u>566</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>00:58</u>
(F) Second Final Flow <u>1043</u>	<input checked="" type="checkbox"/> Mileage <u>61 RT 76.25</u>	Comments _____
(G) Final Shut-In <u>1255</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>2026</u>	<input checked="" type="checkbox"/> Straddle <u>600"</u>	<input type="checkbox"/> Ruined Shale Packer _____
	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Packer _____
	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>391.75</u>
	<input checked="" type="checkbox"/> Day Standby <u>35.75</u> <u>11.75 hrs</u>	Total <u>2293</u>
	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1901.25</u>	

Approved By [Signature] Our Representative Chuck Smith

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