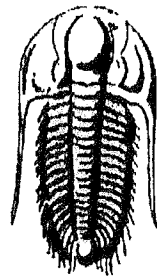


MD



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Charter Energy, Inc.**

PO Box 252
Great Bend, KS 67530

ATTN: Kurt Talbott

7-16-13 Barton,KS

Gary Bitter #2

Start Date: 2011.06.28 @ 13:29:07

End Date: 2011.06.28 @ 18:42:07

Job Ticket #: 43417 DST #: 1

RECEIVED

AUG 23 2011

KCC WICHITA

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Charter Energy, Inc.

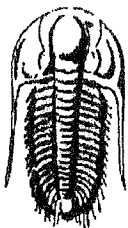
Gary Bitter #2

7-16-13 Barton,KS

DST # 1

Arbuckle

2011.06.28



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Charter Energy, Inc.
PO Box 252
Great Bend, KS 67530
ATTN: Kurt Talbott

Gary Bitter #2
7-16-13 Barton, KS
Job Ticket: 43417 DST#: 1
Test Start: 2011.06.28 @ 13:29:07

GENERAL INFORMATION:

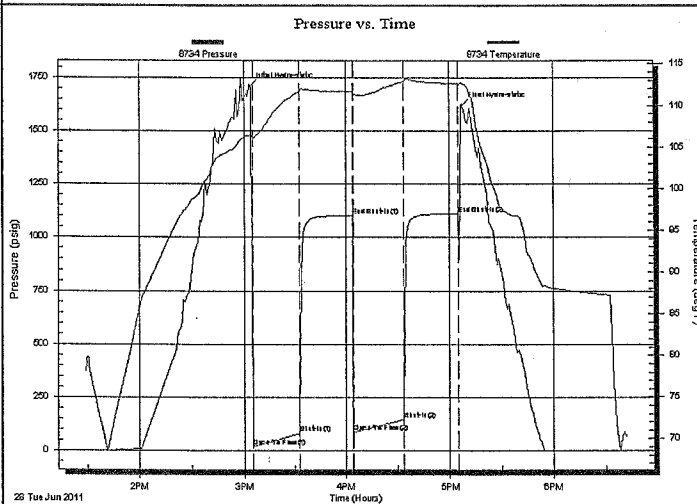
Formation: **Arbuckle**
Deviated: **No** Whipstock: **ft (KB)**
Time Tool Opened: 15:05:07
Time Test Ended: 18:42:07
Test Type: **Conventional Bottom Hole**
Tester: **Brian Fairbank**
Unit No: **41**
Interval: **3366.00 ft (KB) To 3384.00 ft (KB) (TVD)**
Reference Elevations: **1943.00 ft (KB)**
Total Depth: **3384.00 ft (KB) (TVD)**
1936.00 ft (CF)
Hole Diameter: **7.88 inches** Hole Condition: **Good**
KB to GR/CF: **7.00 ft**

Serial #: 8734

Outside

Press@RunDepth: **145.50 psig @ 3371.00 ft (KB)**
Capacity: **8000.00 psig**
Start Date: **2011.06.28** End Date: **2011.06.28** Last Calib.: **2011.06.28**
Start Time: **13:29:08** End Time: **18:42:07** Time On Btm: **2011.06.28 @ 15:03:37**
Time Off Btm: **2011.06.28 @ 17:07:07**

TEST COMMENT: IFP - BOB 7 min
ISI - 5" blow back
FFP - BOB 10 min
FSI - sur blow - died 11 min



PRESSURE SUMMARY

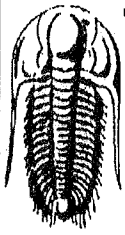
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1710.43	106.44	Initial Hydro-static
2	18.89	106.09	Open To Flow (1)
30	80.26	111.66	Shut-In(1)
60	1102.15	111.71	End Shut-In(1)
61	85.82	111.36	Open To Flow (2)
90	145.50	112.90	Shut-In(2)
121	1111.39	112.62	End Shut-In(2)
124	1619.33	112.60	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	GOOM 15%G, 15%O, 70%M	0.63
310.00	FREE OIL 95%O, 5%M	4.35
0.00	295' GIP	0.00

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Charter Energy, Inc.

Gary Bitter #2

PO Box 252
Great Bend, KS 67530

7-16-13 Barton, KS

Job Ticket: 43417

DST#: 1

ATTN: Kurt Talbott

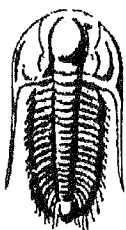
Test Start: 2011.06.28 @ 13:29:07

Tool Information

Drill Pipe:	Length: 3370.00 ft	Diameter: 3.80 inches	Volume: 47.27 bbl	Tool Weight:	2500.00 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:	52000.00 lb
			Total Volume: 47.27 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial	48000.00 lb
Depth to Top Packer:	3366.00 ft			Final	49000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	18.00 ft				
Tool Length:	38.00 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			3351.00	
Hydraulic tool	5.00			3356.00	
Packer	5.00			3361.00	20.00 Bottom Of Top Packer
Packer	5.00			3366.00	
Stubb	1.00			3367.00	
Perforations	4.00			3371.00	
Recorder	0.00	8372	Inside	3371.00	
Recorder	0.00	8734	Outside	3371.00	
Perforations	10.00			3381.00	
Bullnose	3.00			3384.00	18.00 Bottom Packers & Anchor
Total Tool Length:	38.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Charter Energy, Inc.

Gary Bitter #2

PO Box 252
Great Bend, KS 67530

7-16-13 Barton, KS

Job Ticket: 43417

DST#: 1

ATTN: Kurt Talbott

Test Start: 2011.06.28 @ 13:29:07

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

39 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	GOOM 15%G, 15%O, 70%M	0.631
310.00	FREE OIL 95%O, 5%M	4.348
0.00	295' GIP	0.000

Total Length: 355.00 ft

Total Volume: 4.979 bbl

Num Fluid Samples: 0

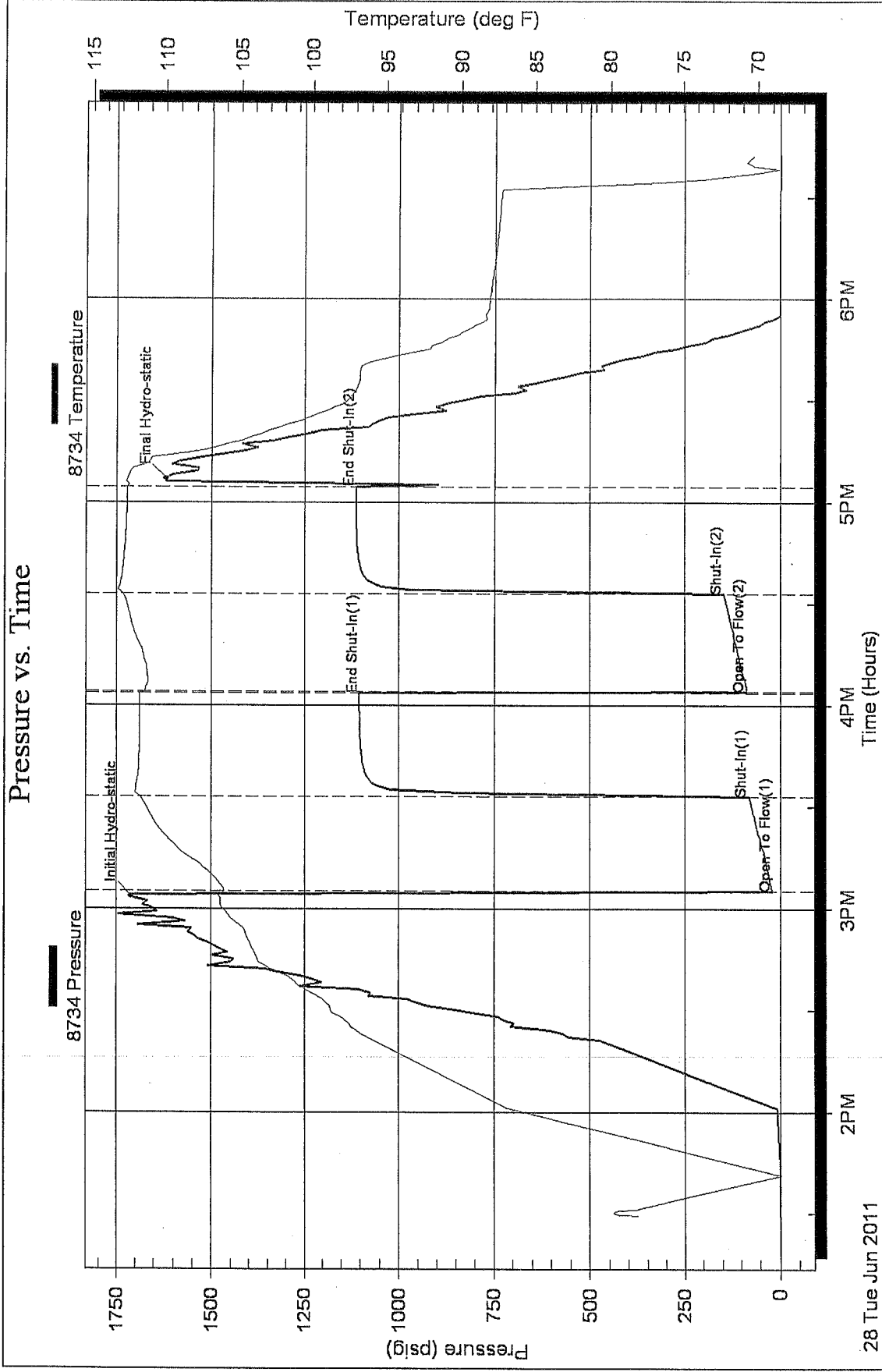
Num Gas Bombs: 0

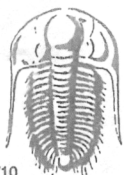
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 43417 15930

JUN 29 2011

Well Name & No. Gary Bitter #2 Test No. 1 Date 6-27-11
 Company Charter Elevation 1943 KB 1936 GL
 Address PO Box 252 Gt Bend, Ks 67530
 Co. Rep / Geo. Kurt Telbott Rig Royal 2
 Location: Sec. 7 Twp. 16 Rge. 13 Co. Barton State K

Interval Tested 3366-3384 Zone Tested Aschle
 Anchor Length 18 Drill Pipe Run 3370 Mud Wt. 9.2
 Top Packer Depth 3361 Drill Collars Run — Vis 54
 Bottom Packer Depth 3366 Wt. Pipe Run — WL 10.4
 Total Depth 3384 Chlorides 8200 ppm System LCM

Blow Description IFP- BOB 7 min
ISI- 5" blow back
FFP- BOB 10 min
FSI- sur blow - died 11 min

Rec	Feet of	%gas	%oil	%water	%mud
<u>295</u>	<u>GIP</u>				
<u>310</u>	<u>Free oil</u>		<u>95</u>		<u>5</u>
<u>45</u>	<u>GOCM</u>	<u>15</u>	<u>15</u>		<u>70</u>

Rec Total 355 BHT 113 Gravity 39 API RW — @ — °F Chlorides — ppm
 (A) Initial Hydrostatic 1710 ☒ Test 1125 T-On Location 2312
 (B) First Initial Flow 19 ☐ Jars — T-Started 0129
 (C) First Final Flow 80 ☐ Safety Joint — T-Open 0305
 (D) Initial Shut-In 1102 ☐ Circ Sub — T-Pulled 0505
 (E) Second Initial Flow 86 ☐ Hourly Standby — T-Out 0643
 (F) Second Final Flow 146 ☒ Mileage 92 RT 128.80 Comments —
 (G) Final Shut-In 1111 ☐ Sampler —
 (H) Final Hydrostatic 1619 ☐ Straddle —

Initial Open 30 ☐ Shale Packer — ☐ Ruined Shale Packer —
 Initial Shut-In 30 ☐ Extra Packer — ☐ Ruined Packer —
 Final Flow 30 ☐ Extra Recorder — ☐ Extra Copies —
 Final Shut-In 30 ☐ Day Standby — Sub Total 8
☐ Accessibility — Total 1253.80
 Sub Total 1253.80 MP/DST Disc't —

Approved By — Our Representative Brian Fairbank

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.