

DRILL STEM TEST REPORT

Prepared For: **Castle Resources Inc**

PO Box 86
Schoenchen KS 67667

ATTN: Jerry Green

Mehl #1

18-17s-9w-Ellsworth KS

Start Date: 2014.03.04 @ 01:23:14

End Date: 2014.03.04 @ 09:10:23

Job Ticket #: 56119 DST #: 1

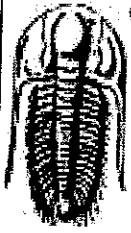
Castle Resources Inc
18-17s-9w-Ellsworth KS
Mehl #1
DST # 1
Arbuckle
2014.03.04

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.03.06 @ 13:28:35



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Castle Resources Inc
 PO Box 86
 Schoenchen KS 67667
 ATTN: Jerry Green

18-17s-9w-Ellsworth KS

Mehl #1

Job Ticket: 56119 **DST#: 1**
 Test Start: 2014.03.04 @ 01:23:14

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 03:41:34
 Time Test Ended: 09:10:23

Test Type: Conventional Straddle (Initial)
 Tester: Tate Lang
 Unit No: 44

Interval: **3253.00 ft (KB) To 3264.00 ft (KB) (TVD)**
 Total Depth: 3344.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good

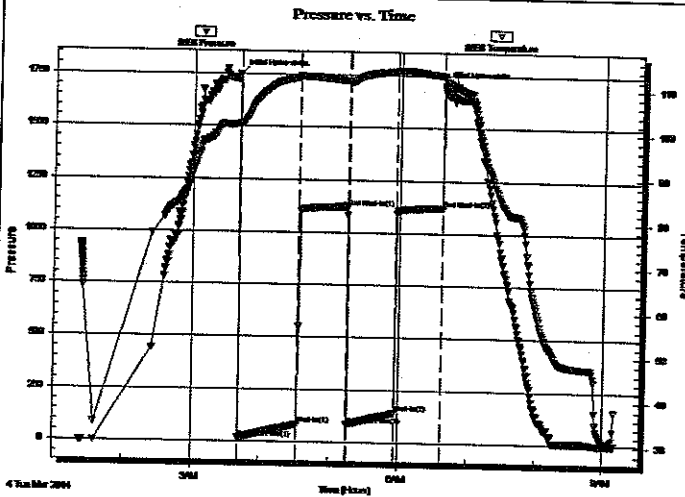
Reference Elevations: 1801.00 ft (KB)
 1796.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8898 **Outside**

Press@RunDepth: 142.67 psig @ 3254.00 ft (KB)
 Start Date: 2014.03.04 End Date: 2014.03.04
 Start Time: 01:23:15 End Time: 09:10:24

Capacity: 8000.00 psig
 Last Calib.: 2014.03.04
 Time On Btm: 2014.03.04 @ 03:41:14
 Time Off Btm: 2014.03.04 @ 06:38:14

TEST COMMENT: B.O.B. In 35 mins
 Dead no blow back
 Weak surface blow built to 2 1/2 in (Head came unscrewed a little)
 Dead no blow back



PRESSURE SUMMARY

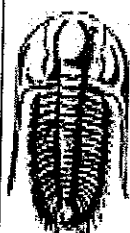
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1748.83	101.89	Initial Hydro-static
1	15.66	101.30	Open To Flow (1)
52	81.60	112.40	Shut-In(1)
94	1121.64	111.66	End Shut-In(1)
94	83.95	111.23	Open To Flow (2)
136	142.67	113.92	Shut-In(2)
177	1120.19	112.99	End Shut-In(2)
177	1702.38	112.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	100%O	0.01
30.00	30%W 70%M	0.42
240.00	2%M 98%W	3.37
0.00	30 GIP	0.00

Gas Rates

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



**TRIOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Castle Resources Inc

18-17s-9w-Ellsworth KS

PO Box 86
Schoenchen KS 67667

Mehl #1

Job Ticket: 56119

DST#: 1

ATTN: Jerry Green

Test Start: 2014.03.04 @ 01:23:14

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:41:34

Time Test Ended: 09:10:23

Test Type: Conventional Straddle (Initial)

Tester: Tate Lang

Unit No: 44

Interval: 3253.00 ft (KB) To 3264.00 ft (KB) (TVD)

Total Depth: 3344.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1801.00 ft (KB)

1796.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8897 Inside

Press@RunDepth: psig @ 3254.00 ft (KB)

Start Date: 2014.03.04

End Date:

2014.03.04

Capacity:

8000.00 psig

Start Time: 01:23:39

End Time:

09:10:48

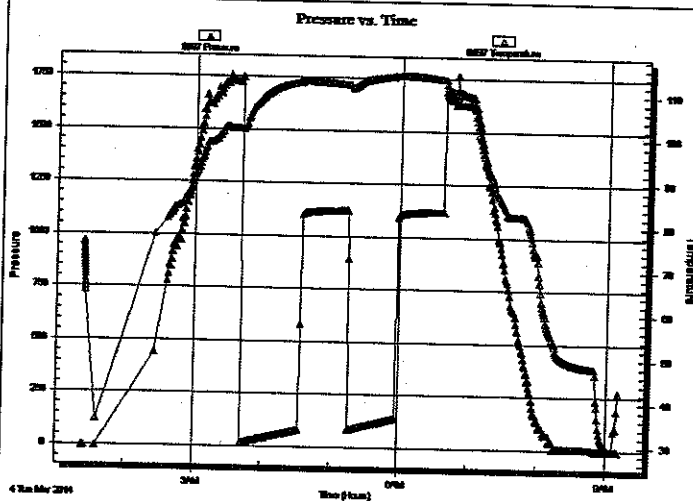
Last Calib.:

2014.03.04

Time On Btm:

Time Off Btm:

TEST COMMENT: B.O.B. in 35 mins
Dead no blow back
Weak surface blow built to 2 1/2 in (Head came unscrewed a little)
Dead no blow back



PRESSURE SUMMARY

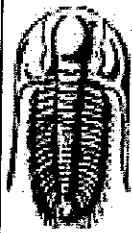
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
1.00	100%O	0.01
30.00	30%W 70%M	0.42
240.00	2%M 98%W	3.37
0.00	30 GIP	0.00

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Castle Resources Inc
 PO Box 86
 Schoenchen KS 67667
 ATTN: Jerry Green

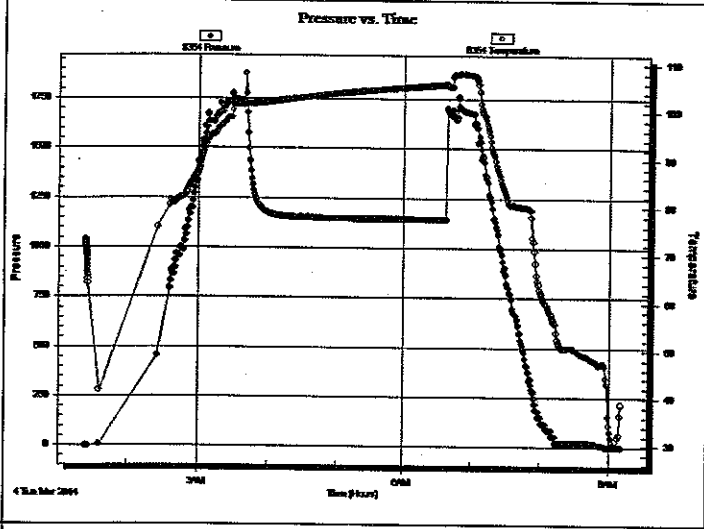
18-17s-9w-Ellsworth KS
Mehl #1
 Job Ticket: 56119 **DST#: 1**
 Test Start: 2014.03.04 @ 01:23:14

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 03:41:34
 Time Test Ended: 09:10:23
 Interval: **3253.00 ft (KB) To 3264.00 ft (KB) (TVD)**
 Total Depth: 3344.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Straddle (Initial)
 Tester: Tate Lang
 Unit No: 44
 Reference Elevations: 1801.00 ft (KB)
 1796.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8354 Below (Straddle)
 Press@RunDepth: psig @ 3280.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.03.04 End Date: 2014.03.04 Last Calib.: 2014.03.04
 Start Time: 01:23:36 End Time: 09:10:45 Time On Btrn:
 Time Off Btrn:

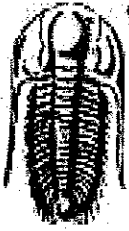
TEST COMMENT: B.O.B. in 35 mins
 Dead no blow back
 Weak surface blow built to 2 1/2 in (Head came unscrewed a little)
 Dead no blow back



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

Recovery		
Length (ft)	Description	Volume (bbl)
1.00	100%O	0.01
30.00	30%W 70%M	0.42
240.00	2%M 98%W	3.37
0.00	30 GIP	0.00

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Castle Resources Inc

18-17s-9w-Ellsworth KS

PO Box 86
Schoenchen KS 67667

Mehl #1

Job Ticket: 56119

DST#: 1

ATTN: Jerry Green

Test Start: 2014.03.04 @ 01:23:14

Tool Information

Drill Pipe:	Length: 3260.00 ft	Diameter: 3.80 inches	Volume: 45.73 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 45.73 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3253.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	3264.00 ft			
Interval between Packers:	11.00 ft			
Tool Length:	115.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3238.00	
Hydraulic tool	5.00			3243.00	
Packer	5.00			3248.00	20.00 Bottom Of Top Packer
Packer	5.00			3253.00	
Stubb	1.00			3254.00	
Recorder	0.00	8897	Inside	3254.00	
Recorder	0.00	8898	Outside	3254.00	
Perforations	5.00			3259.00	
Blank Off Sub	1.00			3260.00	
Blank spacing	4.00			3264.00	11.00 Tool Interval
Packer	4.00			3268.00	
Stubb	1.00			3269.00	
Perforations	11.00			3280.00	
Recorder	0.00	8354	Below	3280.00	
Change Over Sub	1.00			3281.00	
Blank Spacing	63.00			3344.00	
Change Over Sub	1.00			3345.00	
Bullnose	3.00			3348.00	84.00 Bottom Packers & Anchor

Total Tool Length: 115.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Castle Resources Inc

18-17s-9w-Ellsworth KS

PO Box 86
Schoenchen KS 67667

Mehl #1

Job Ticket: 56119

DST#: 1

ATTN: Jerry Green

Test Start: 2014.03.04 @ 01:23:14

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 42.00 sec/qt

Water Loss: 13.59 in³

Resistivity: ohm.m

Salinity: 12000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

deg API

ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	100%O	0.014
30.00	30%W 70%M	0.421
240.00	2%M 98%W	3.367
0.00	30 GIP	0.000

Total Length: 271.00 ft

Total Volume: 3.802 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

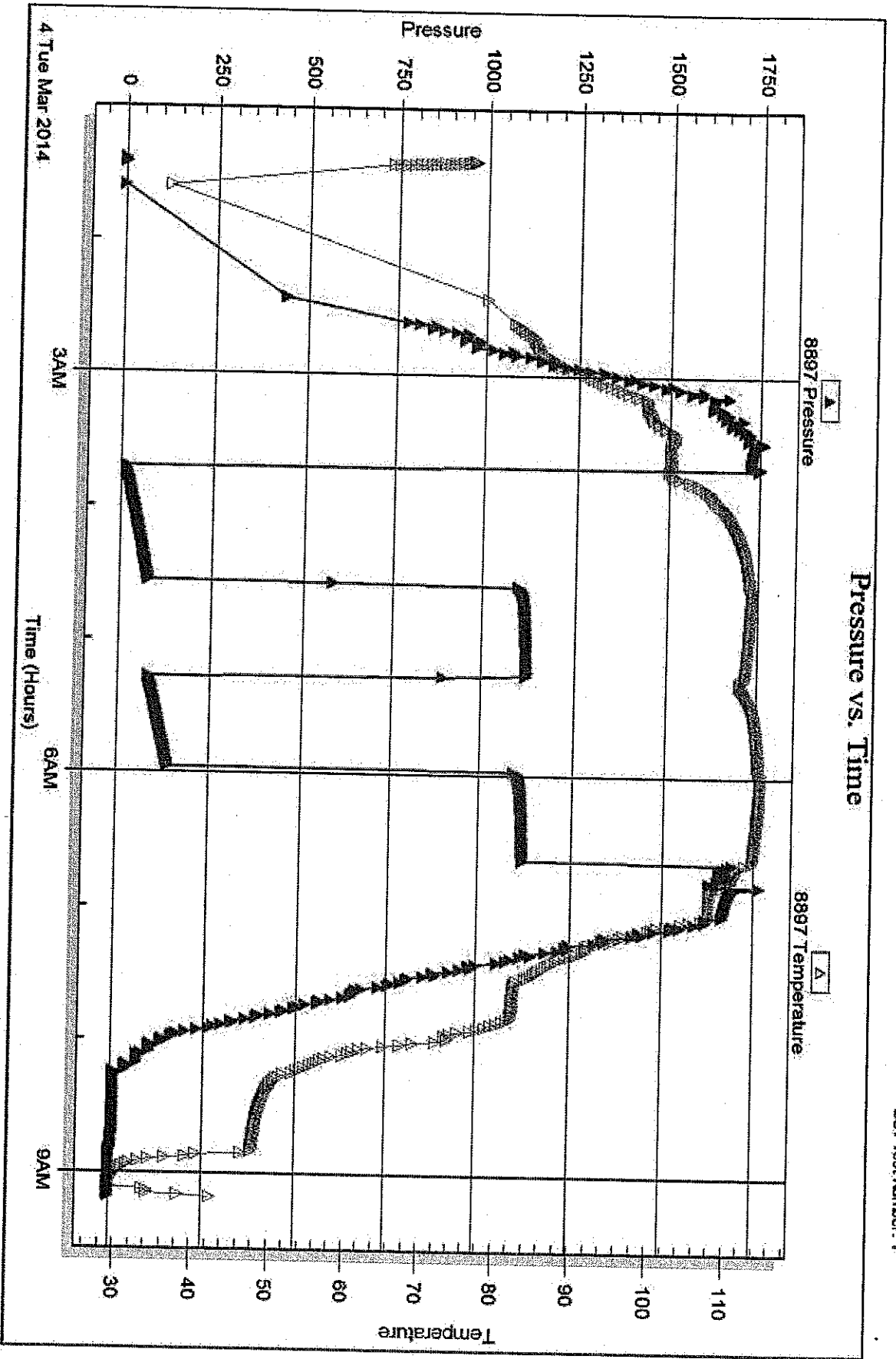
Serial #: 8897

Inside

Castle Resources, Inc

Meht #1

DST Test Number: 1



Tribble Testing, Inc

Ref. No: 56119

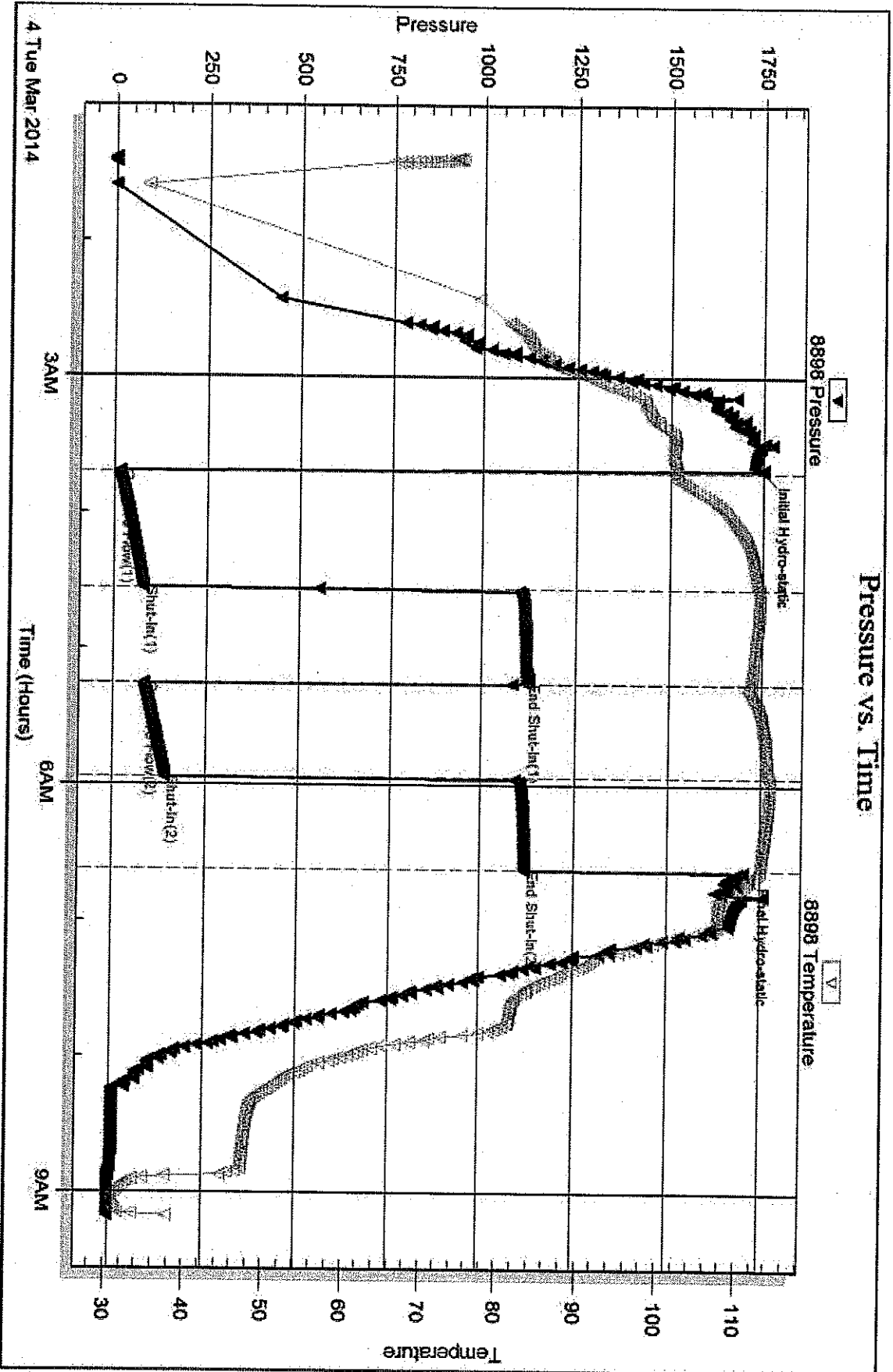
Printed: 2014.03.06 @ 13:28:38

Serial #: 8898

Outside Castle Resources Inc

Meht #1

DST Test Number: 1

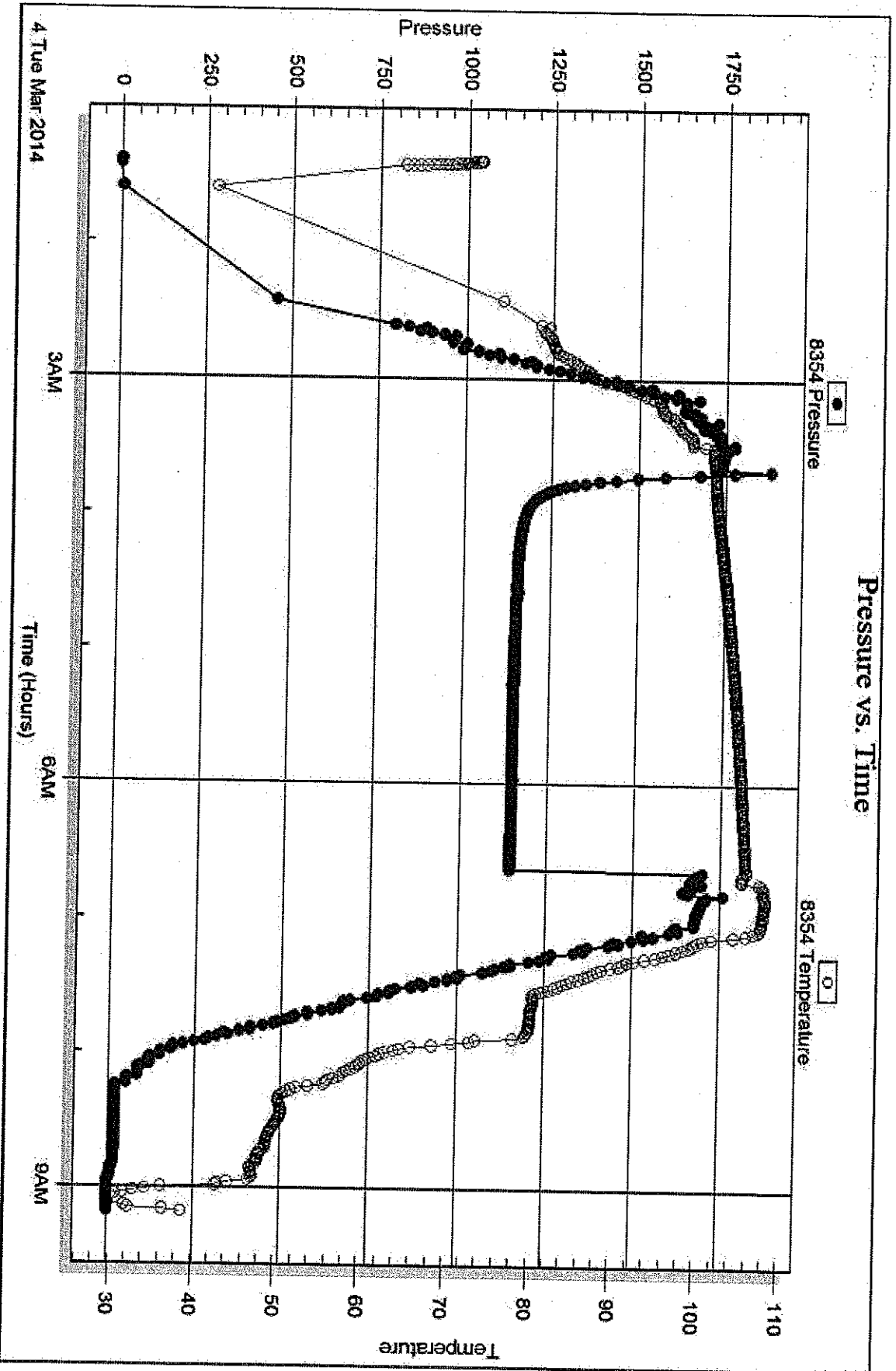


Serial #: 8354

Below (Stratified) Resources Inc

Mesh #1

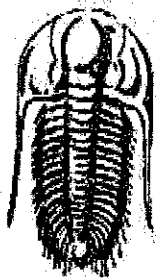
DST Test Number: 1



Tribble Testing, Inc

Ref. No: 56119

Printed: 2014.03.06 @ 13:28:39



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Castle Resources Inc**

PO Box 86
Schoenchen KS 67667

ATTN: Jerry Green

Mehl #1

18-17s-9w-Ellsworth KS

Start Date: 2014.03.04 @ 10:24:07

End Date: 2014.03.04 @ 17:31:07

Job Ticket #: 56120 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.03.06 @ 13:27:25

Castle Resources Inc

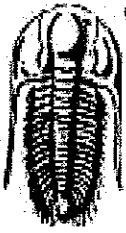
18-17s-9w-Ellsworth KS

Mehl #1

DST # 2

Arbuckle

2014.03.04



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Castle Resources Inc
PO Box 86
Schoenchen KS 67667
ATTN: Jerry Green

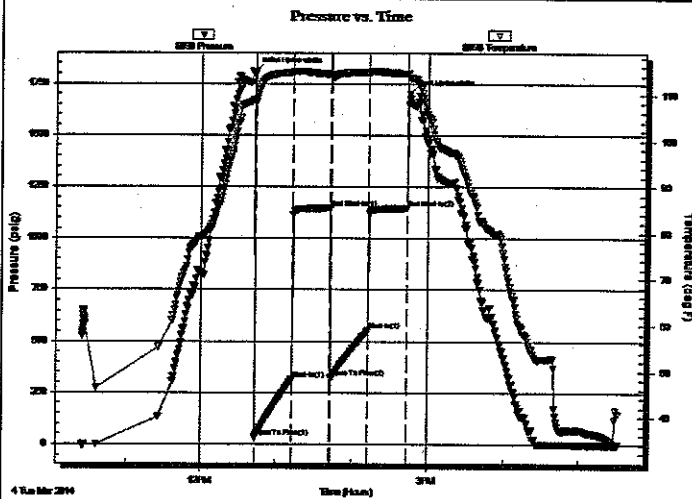
18-17s-9w-Ellsworth KS
Mehl #1
Job Ticket: 56120 **DST#: 2**
Test Start: 2014.03.04 @ 10:24:07

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 12:43:17
Time Test Ended: 17:31:07
Interval: **3294.00 ft (KB) To 3315.00 ft (KB) (TVD)**
Total Depth: 3344.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Straddle (Reset)
Tester: Tate Lang
Unit No: 44
Reference Elevations: 1801.00 ft (KB)
1796.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8898 Outside
Press@RunDepth: 554.41 psig @ 3295.00 ft (KB)
Start Date: 2014.03.04 End Date: 2014.03.04
Start Time: 10:24:08 End Time: 17:31:07
Capacity: 8000.00 psig
Last Calib.: 2014.03.04
Time On Btrn: 2014.03.04 @ 12:42:57
Time Off Btrn: 2014.03.04 @ 14:44:57

TEST COMMENT: B.O.B. in 4 mins
Dead no blow back
B.O.B. in 5 mins
Dead no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1809.88	108.82	Initial Hydro-static
1	31.68	108.39	Open To Flow (1)
30	313.96	114.77	Shut-In(1)
60	1145.50	114.39	End Shut-In(1)
60	322.52	113.87	Open To Flow (2)
90	554.41	114.77	Shut-In(2)
121	1145.22	114.53	End Shut-In(2)
123	1698.81	113.78	Final Hydro-static

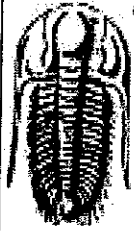
Recovery

Length (ft)	Description	Volume (bbl)
150.00	50%M 50%W	2.10
1200.00	2%M 98%W	16.83

*Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Castle Resources Inc

18-17s-9w-Elsworth KS

PO Box 86
Schoenchen KS 67667

Mehl #1

Job Ticket: 56120

DST#: 2

ATTN: Jerry Green

Test Start: 2014.03.04 @ 10:24:07

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:43:17

Time Test Ended: 17:31:07

Test Type: Conventional Straddle (Reset)

Tester: Tate Lang

Unit No: 44

Interval: 3294.00 ft (KB) To 3315.00 ft (KB) (TVD)

Total Depth: 3344.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1801.00 ft (KB)

1796.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8897 Inside

Press@RunDepth: psig @ 3295.00 ft (KB)

Start Date: 2014.03.04 End Date: 2014.03.04

Start Time: 10:24:08 End Time: 17:31:07

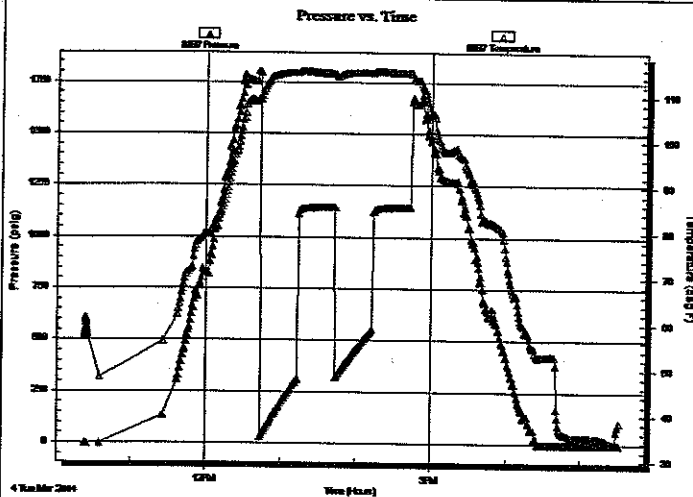
Capacity: 8000.00 psig

Last Calib.: 2014.03.04

Time On Btm:

Time Off Btm:

TEST COMMENT: B.O.B. In 4 mins
Dead no blow back
B.O.B. In 5 mins
Dead no blow back



PRESSURE SUMMARY

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

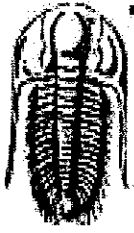
Recovery

Length (ft)	Description	Volume (bbl)
150.00	50%M 50%W	2.10
1200.00	2%M 98%W	16.83

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Castle Resources Inc

18-17s-9w-Ellsworth KS

PO Box 86
Schoenchen KS 67667

Mehl #1

Job Ticket: 56120 **DST#: 2**

ATTN: Jerry Green

Test Start: 2014.03.04 @ 10:24:07

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:43:17

Time Test Ended: 17:31:07

Test Type: Conventional Straddle (Reset)

Tester: Tate Lang

Unit No: 44

Interval: **3294.00 ft (KB) To 3315.00 ft (KB) (TVD)**

Total Depth: 3344.00 ft (KB) (TVD)

Hole Diameter: 7.88 inchesHole Condition: Good

Reference Elevations: 1801.00 ft (KB)

1796.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8354 Below (Straddle)

Press@RunDepth: psig @ 3345.00 ft (KB)

Start Date: 2014.03.04

End Date:

2014.03.04

Capacity: 8000.00 psig

Last Calib.: 2014.03.04

Start Time: 10:24:05

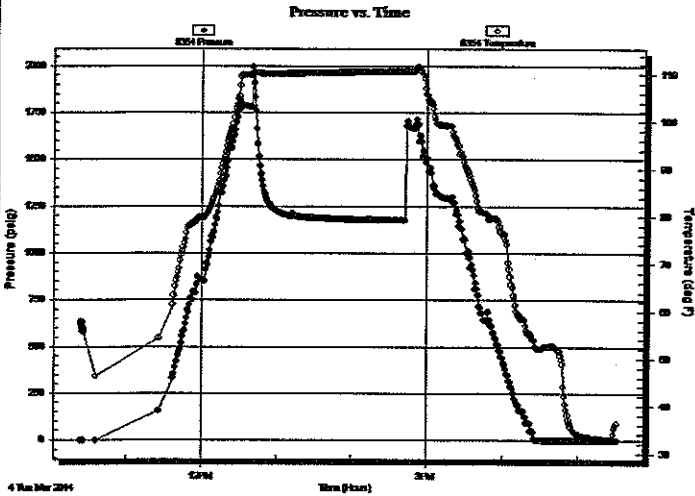
End Time:

17:31:04

Time On Btm:

Time Off Btm:

TEST COMMENT: B.O.B. In 4 mins
Dead no blow back
B.O.B. In 5 mins
Dead no blow back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
150.00	50%M 50%W	2.10
1200.00	2%M 98%W	16.83

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Castle Resources Inc

18-17s-9w-Ellsworth KS

PO Box 86
Schoenchen KS 67667

Mehl #1

Job Ticket: 56120

DST#: 2

ATTN: Jerry Green

Test Start: 2014.03.04 @ 10:24:07

Tool Information

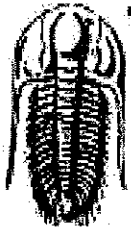
Drill Pipe:	Length: 3295.00 ft	Diameter: 3.80 inches	Volume: 46.22 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 46.22 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3294.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	3315.00 ft			
Interval between Packers:	21.00 ft			
Tool Length:	74.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3279.00	
Hydraulic tool	5.00			3284.00	
Packer	5.00			3289.00	20.00 Bottom Of Top Packer
Packer	5.00			3294.00	
Stubb	1.00			3295.00	
Recorder	0.00	8897	Inside	3295.00	
Recorder	0.00	8898	Outside	3295.00	
Perforations	15.00			3310.00	
Blank Off Sub	1.00			3311.00	
Blank spacing	4.00			3315.00	21.00 Tool Interval
Packer	4.00			3319.00	
Stubb	1.00			3320.00	
Perforations	25.00			3345.00	
Recorder	0.00	8354	Below	3345.00	
Bullnose	3.00			3348.00	33.00 Bottom Packers & Anchor

Total Tool Length: 74.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Castle Resources Inc

18-17s-9w-Ellsworth KS

PO Box 86
Schoenchen KS 67667

Mehl #1

Job Ticket: 56120

DST#: 2

ATTN: Jerry Green

Test Start: 2014.03.04 @ 10:24:07

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: 42.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 13.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 12000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
150.00	50%M 50%W	2.104
1200.00	2%M 98%W	16.833

Total Length: 1350.00 ft

Total Volume: 18.937 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

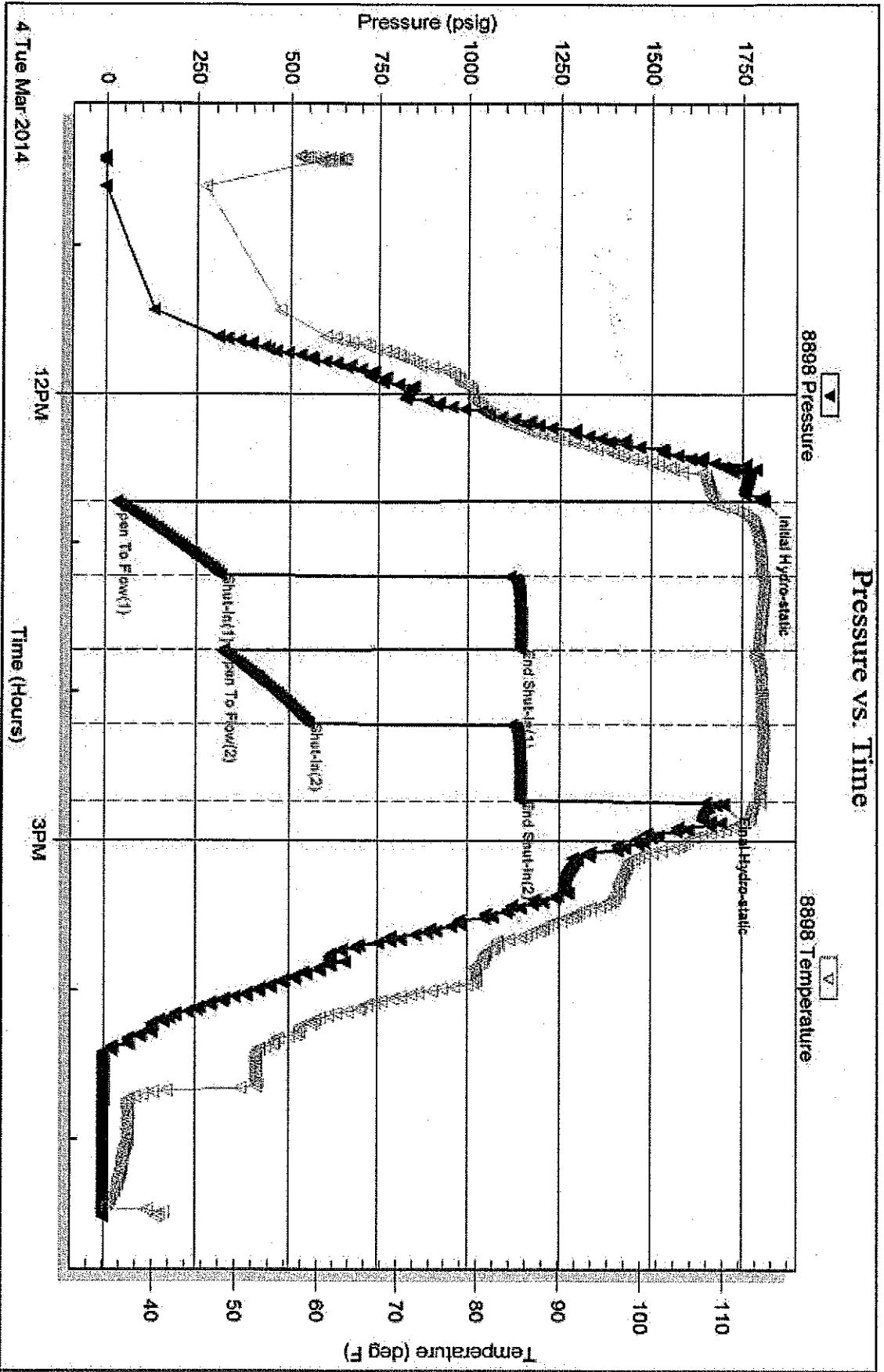
Recovery Comments:

Serial #: 8898

Outside: Castle Resources Inc

Well #1

DST Test Number 2



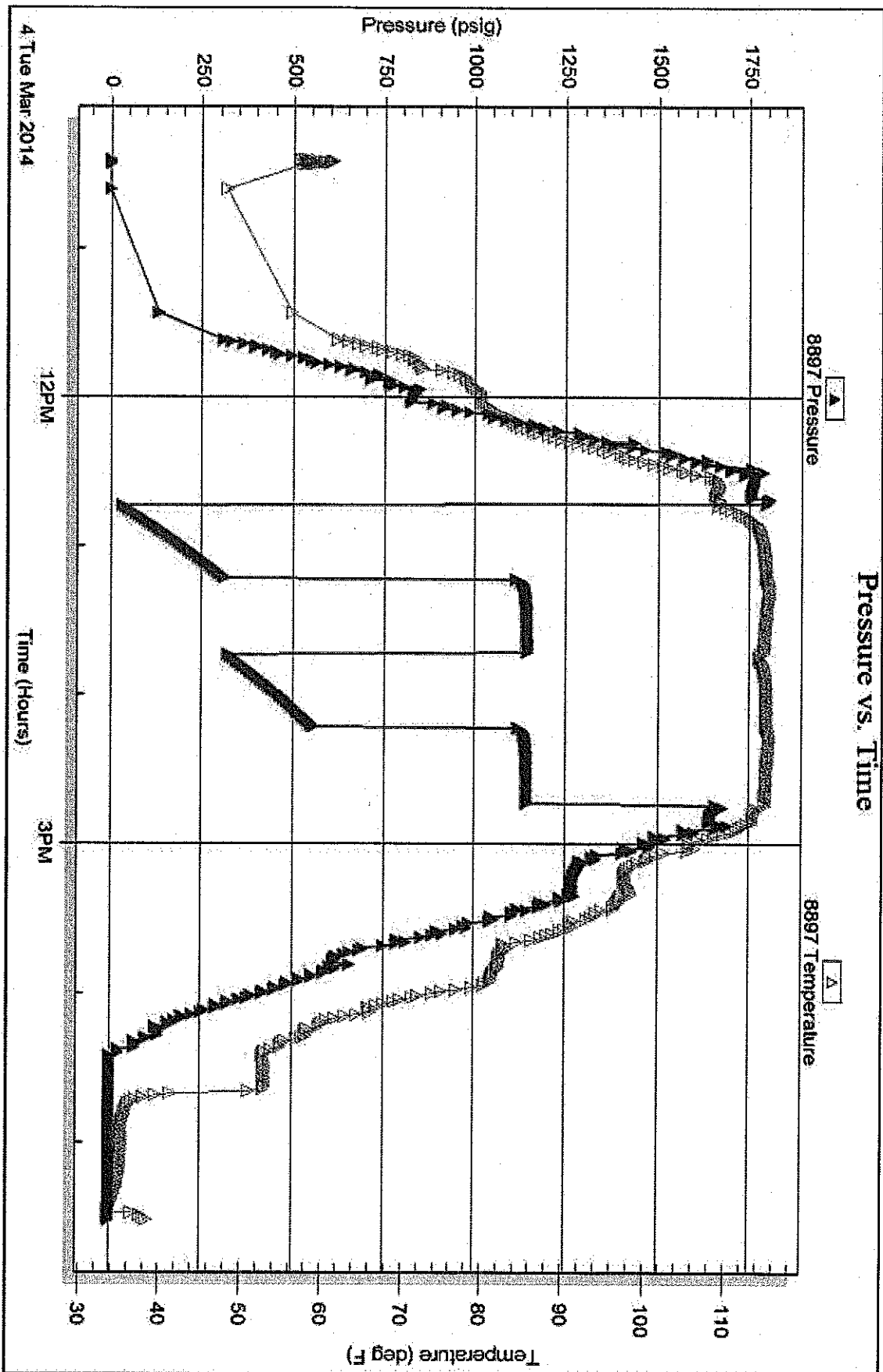
Serial #: 8897

Inside

Castle Resources Inc

Well #1

DST Test Number: 2

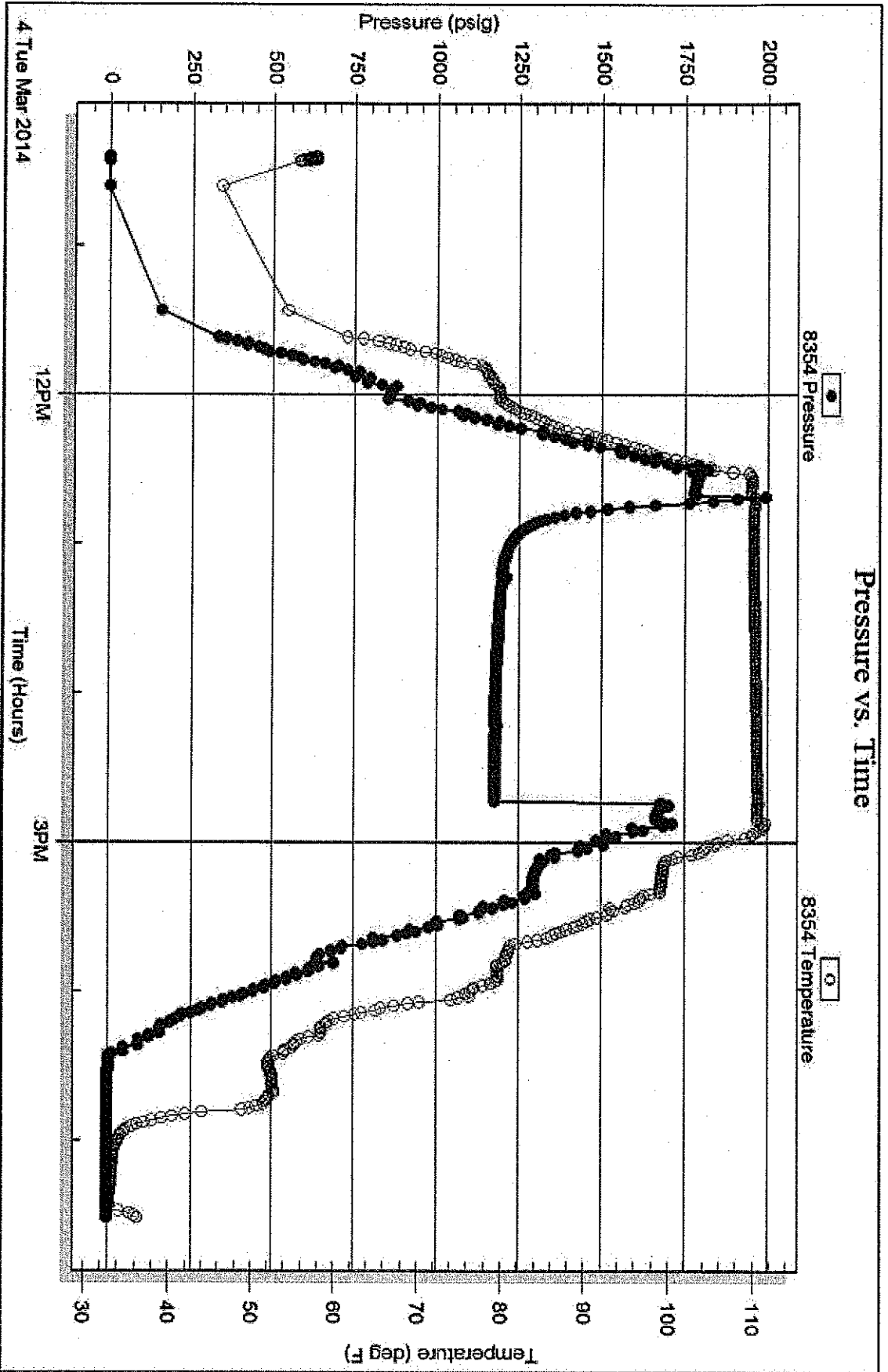


Serial #: 8354

Below (Straddle) Resources Inc

Well #1

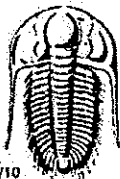
DST Test Number: 2



Tribble Testing, Inc

Ref. No: 56120

Printed: 2014.03.06 @ 13:27:28



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 56119

Well Name & No. Mehl #1 Test No. 1 Date 3-4-14
 Company Castle Resources Elevation 1801 KB 1796 GL
 Address PO Box 87 Schoenchen KS 67667
 Co. Rep / Geo. Jerry Green Rig White Knight
 Location: Sec. 18 Twp. 17S Rge. 9W Co. Ellsworth State KS

Interval Tested 3253 3264 Zone Tested Arbuckle
 Anchor Length 11' 80' Tail Drill Pipe Run 3260 Mud Wt. 9.2
 Top Packer Depth 3249 Drill Collars Run 0 Vis 42
 Bottom Packer Depth 3253 Wt. Pipe Run 0 WL 13.6
 Total Depth 3344 Chlorides 12000 ppm System LCM 1 1/2 #

Blow Description B.O.B. IN 35 mins
Dead no blow back
Detail surface blow built to 2 1/2 in (Head screwed a little)
Dead no blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>0</u>	<u>30 GTP</u>				
<u>1</u>	<u>Clear Oil</u>				
<u>30</u>	<u>WCM</u>			<u>30</u>	<u>70</u>
<u>240</u>	<u>WCMW</u>			<u>98</u>	<u>2</u>

Rec Total 271 BHT 113 Gravity _____ API RW 40 @ 72° F Chlorides 1300 ppm

(A) Initial Hydrostatic 1749
 (B) First Initial Flow 16
 (C) First Final Flow 82
 (D) Initial Shut-In 1122
 (E) Second Initial Flow 84
 (F) Second Final Flow 143
 (G) Final Shut-In 1120
 (H) Final Hydrostatic 1702

Test 1150
 Jars
 Safety Joint
 Circ Sub
 Hourly Standby
 Mileage 158 RTT 244.90
 Sampler
 Straddle 600
 Shale Packer 250
 Extra Packer
 Extra Recorder
 Day Standby
 Accessibility

T-On Location 00:30
 T-Started 01:23
 T-Open 03:42
 T-Pulled 06:42
 T-Out _____
 Comments _____
 Ruined Shale Packer
 Ruined Packer
 Extra Copies
 Sub Total 0
 Total 2244.90
 MP/DST Disc't _____

Initial Open 45
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 45

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. 56120

Well Name & No. Mehl #1 Test No. 2 Date 3-~~8~~⁴-14
 Company Castle Resources Elevation 1801 KB 1796 GL
 Address PO Box 87 Schoenchen MS 67667
 Co. Rep / Geo. Jerry Green Rig White Knight
 Location: Sec. 18 Twp. 17S Rge. 9W Co. Ellsworth State KS

Interval Tested 3294 3315 Zone Tested Arbuckle
 Anchor Length 21' 29 Tail Drill Pipe Run _____ Mud Wt. 9.2
 Top Packer Depth 3290 Drill Collars Run 0 Vis 42
 Bottom Packer Depth 3294 Wt. Pipe Run 0 WL 13.6
 Total Depth 3315 Chlorides 12000 ppm System LCM 1 1/2 #

Blow Description B.O.B. TW 4 mins
Dead No slow back
B.O.B. TW 5 mins
Dead No blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>150</u>	<u>Feet of mclw</u>			<u>50</u>	<u>50</u>
<u>1200</u>	<u>Feet of vsmclw</u>			<u>98</u>	<u>2</u>
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____

Rec Total 1350 BHT 114 Gravity _____ API RW 50 @ 601° F Chlorides 1200 ppm

(A) Initial Hydrostatic 1810 Test 1150 T-On Location _____
 (B) First Initial Flow 32 Jars _____ T-Started 10:24
 (C) First Final Flow 314 Safety Joint _____ T-Open 121:43
 (D) Initial Shut-In 1146 Circ Sub _____ T-Pulled 14:43
 (E) Second Initial Flow 323 Hourly Standby _____ T-Out _____
 (F) Second Final Flow 554 Mileage _____ Comments _____
 (G) Final Shut-In 1145 Sampler _____
 (H) Final Hydrostatic 1699 Straddle 600 Ruined Shale Packer _____
 Shale Packer 250 Ruined Packer _____
 Initial Open 30 Extra Packer _____ Extra Copies _____
 Initial Shut-In 30 Extra Recorder _____ Sub Total 0
 Final Flow 36 Day Standby _____ Total 2000
 Final Shut-In 36 Accessibility _____ MP/DST Disc't _____
 Sub Total 2000

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.