



DRILL STEM TEST REPORT

Prepared For: **Blueridge Petroleum Coporation**

PO Box 1913
Enid OK 73704-1913

ATTN: Jim Musgrove

Antenen #2-12

12-19s-26w Ness,KS

Start Date: 2012.02.27 @ 05:00:00

End Date: 2012.02.27 @ 13:27:15

Job Ticket #: 45073 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.02.29 @ 14:47:37



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Blueridge Petroleum Corporation

12-19s-26w Ness, KS

PO Box 1913
Enid OK 73704-1913

Antenen #2-12

Job Ticket: 45073

DST#: 1

ATTN: Jim Musgrove

Test Start: 2012.02.27 @ 05:00:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:47:15

Time Test Ended: 13:27:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Jace McKinney

Unit No: 46

Interval: 4410.00 ft (KB) To 4480.00 ft (KB) (TVD)

Reference Elevations: 2508.00 ft (KB)

Total Depth: 4480.00 ft (KB) (TVD)

2498.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 8675 Inside

Press @ Run Depth: 88.43 psig @ 4411.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.02.27

End Date: 2012.02.27

Last Calib.: 2012.02.27

Start Time: 05:00:01

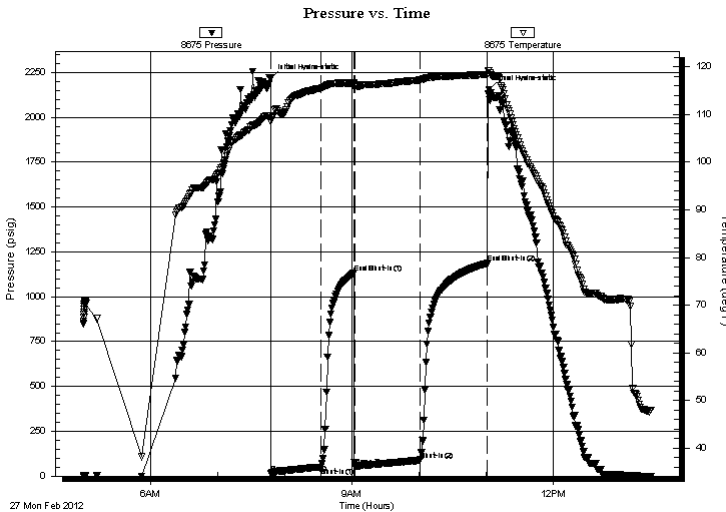
End Time: 13:27:15

Time On Btm: 2012.02.27 @ 07:47:00

Time Off Btm: 2012.02.27 @ 11:02:45

TEST COMMENT: Built to 4" blow
No return blow
Built to 8 1/2" blow
No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2217.69	109.73	Initial Hydro-static
1	17.17	108.55	Open To Flow (1)
46	51.16	115.48	Shut-In(1)
75	1133.43	116.56	End Shut-In(1)
76	54.22	116.15	Open To Flow (2)
134	88.43	117.23	Shut-In(2)
195	1186.07	118.38	End Shut-In(2)
196	2155.09	119.25	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	77 Feet Gas in pipe	0.00
20.00	100% Free Oil	0.28
213.00	mco 50%M 50%O	2.99

Gas Rates

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



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DRILL STEM TEST REPORT

TOOL DIAGRAM

Blueridge Petroleum Coporation

12-19s-26w Ness,KS

PO Box 1913
Enid OK 73704-1913

Antenen #2-12

Job Ticket: 45073

DST#: 1

ATTN: Jim Musgrove

Test Start: 2012.02.27 @ 05:00:00

Tool Information

Drill Pipe:	Length: 4397.01 ft	Diameter: 3.80 inches	Volume: 61.68 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 54000.00 lb
			<u>Total Volume: 61.68 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.01 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	4410.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	70.00 ft			
Tool Length:	90.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			4391.00	
Shut In Tool	5.00			4396.00	
Hydraulic tool	5.00			4401.00	
Packer	5.00			4406.00	20.00 Bottom Of Top Packer
Packer	4.00			4410.00	
Stubb	1.00			4411.00	
Recorder	0.00	8675	Inside	4411.00	
Recorder	0.00	8650	Outside	4411.00	
Perforations	32.00			4443.00	
Change Over Sub	1.00			4444.00	
Drill Pipe	32.00			4476.00	
Change Over Sub	1.00			4477.00	
Bullnose	3.00			4480.00	70.00 Bottom Packers & Anchor

Total Tool Length: 90.00



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FLUID SUMMARY

Blueridge Petroleum Coporation

12-19s-26w Ness,KS

PO Box 1913
Enid OK 73704-1913

Antenen #2-12

Job Ticket: 45073

DST#: 1

ATTN: Jim Musgrove

Test Start: 2012.02.27 @ 05:00:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

38 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	77 Feet Gas in pipe	0.000
20.00	100% Free Oil	0.281
213.00	mco 50%M 50%O	2.988

Total Length: 233.00 ft Total Volume: 3.269 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: 37 @ 50 F = 38

Serial #: 8675

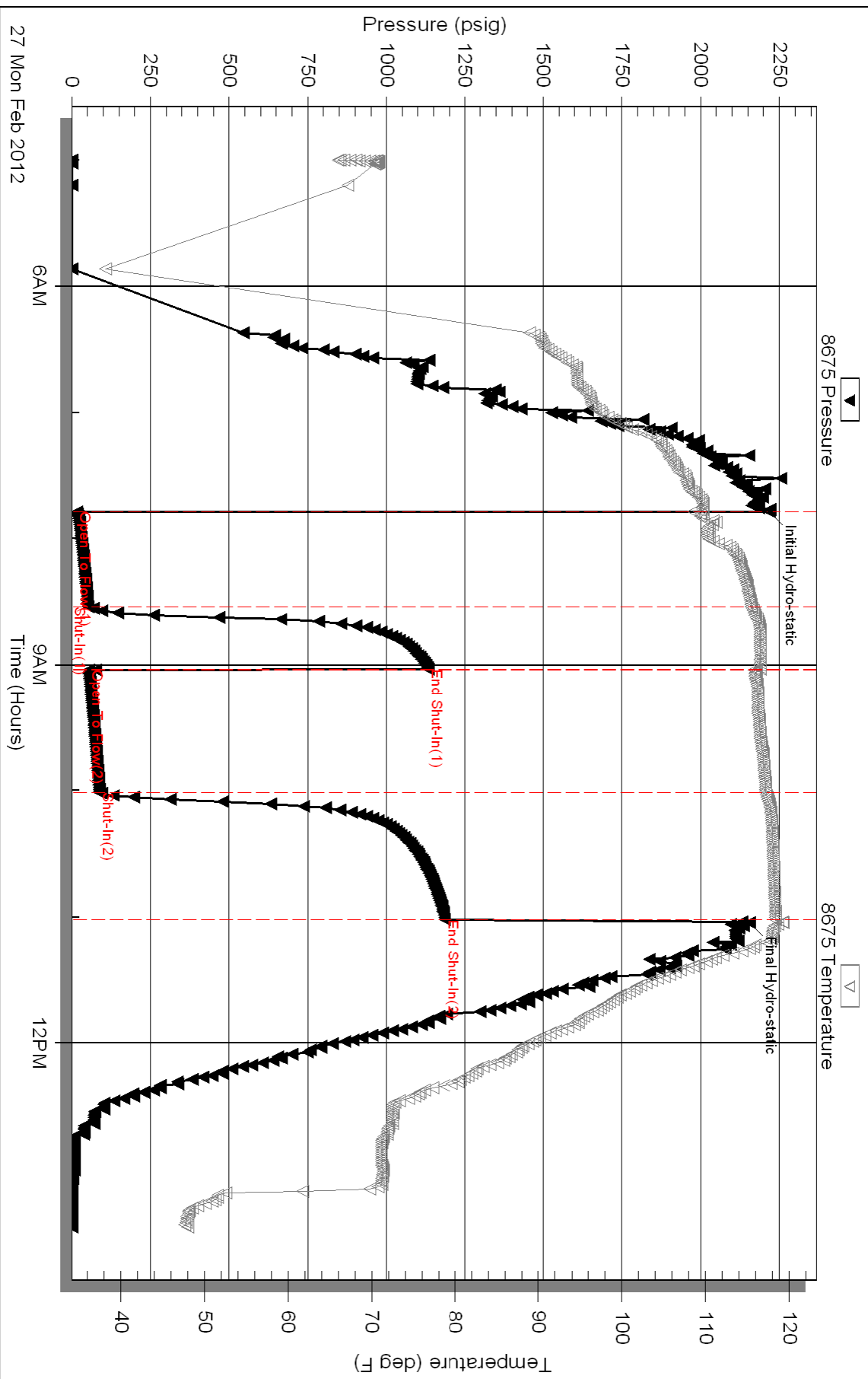
Inside

Blueridge Petroleum Corporation

Anteren #2-12

DST Test Number: 1

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 45073

Printed: 2012.02.29 @ 14:47:42

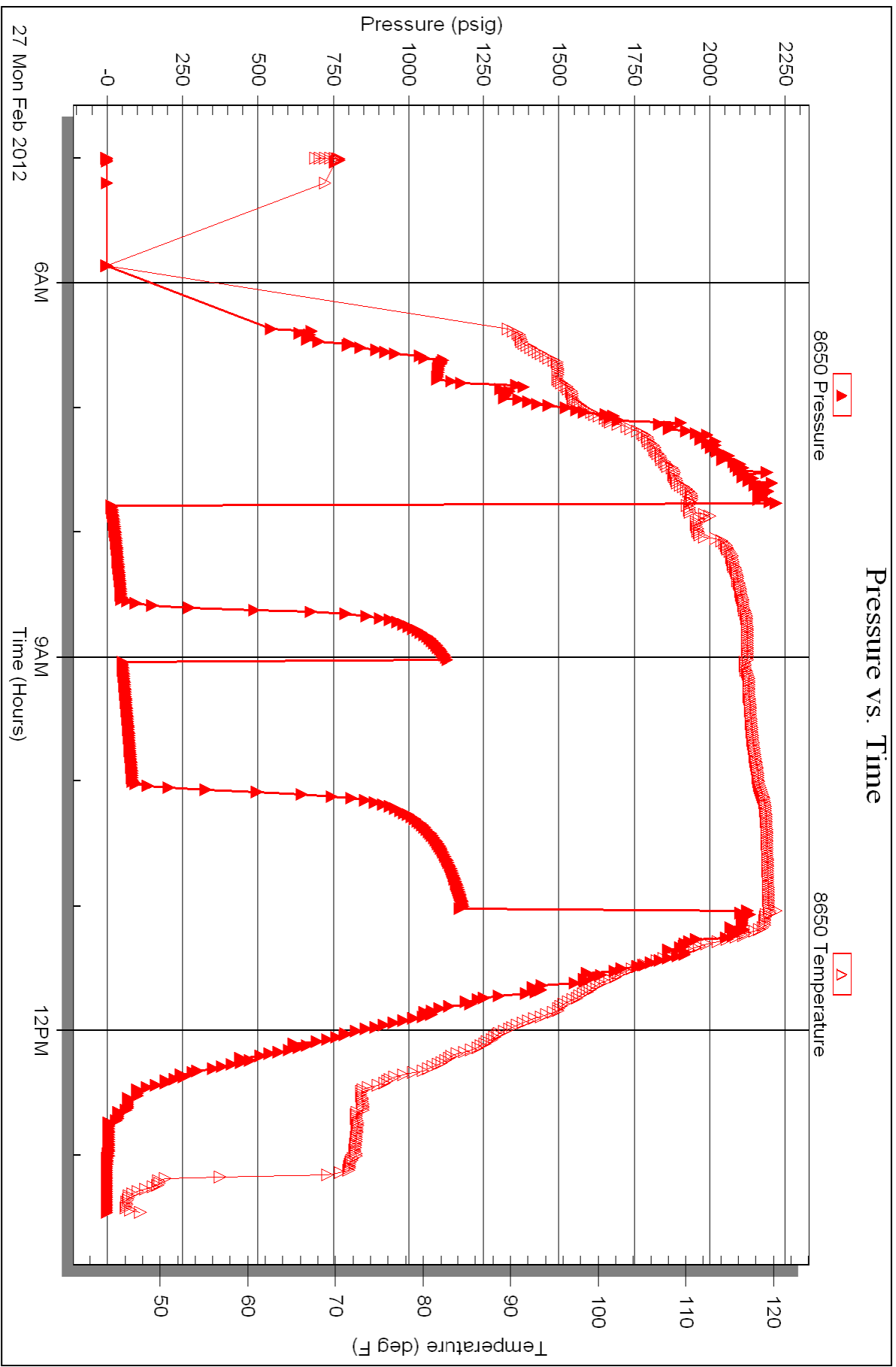
Serial #: 8650

Outside

Blueridge Petroleum Corporation

Anteren #2-12

DST Test Number: 1





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
FEB 29 2012

Test Ticket

NO. 45073

4/10

BY: _____

Well Name & No. Antenen 2-12 Test No. 2/27/12 Date 2/27/12
 Company Blue Ridge Petroleum Corporation Elevation 2508 KB 2498 GL
 Address PO Box 1913 Enid OK 73702 - 1913
 Co. Rep / Geo. Jim Musgrave Rig Southwind Rig 1
 Location: Sec. 12 Twp. 19S Rge. 21ew Co. Ness State KS

Interval Tested 4410-4480 Zone Tested Mississippi
 Anchor Length 70 Drill Pipe Run 4397 Mud Wt. 9.5
 Top Packer Depth 4406 Drill Collars Run 0 Vis 51
 Bottom Packer Depth 4410 Wt. Pipe Run 0 WL 8.0
 Total Depth 4480 Chlorides 5,200 ppm System LCM 1

Blow Description Built to 4" below
No return below
Built to 8 1/2" below
No return below

Rec	Feet of	%gas	%oil	%water	%mud
<u>0</u>	<u>77' Gas In Pipe</u>				
<u>20</u>	<u>100' Free Oil</u>		<u>100</u>		
<u>213</u>	<u>MCO</u>		<u>50</u>		<u>50</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 233 BHT 117 Gravity 38 API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 2,218 Test 1225 T-On Location 3:25
 (B) First Initial Flow 17 Jars _____ T-Started 5:00
 (C) First Final Flow 51 Safety Joint _____ T-Open 7:47
 (D) Initial Shut-In 1,133 Circ Sub n/c T-Pulled 11:01
 (E) Second Initial Flow 54 Hourly Standby _____ T-Out 13:27
 (F) Second Final Flow 88 Mileage 90RT 126 Comments _____
 (G) Final Shut-In 1,186 Sampler _____
 (H) Final Hydrostatic 2,155 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1351
 Accessibility _____ MP/DST Disc't _____

Initial Open 45
 Initial Shut-In 30
 Final Flow 60
 Final Shut-In 60
 Sub Total 1351

Approved By [Signature] Our Representative [Signature]

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