15-009-24979 12-18s-14w

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Blueridge Petroleum**

PO Box 1913
Enid OK 73702

ATTN:

12 18S 14E Barton KS

#2-12 McCurry

Start Date: 2006.10.03 @ 22:01:12
End Date: 2006.10.04 @ 05:26:57
Job Ticket #: 25778 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

DRILL STEM TEST REPORT

Blueridge Petroleum

PO Box 1913
Enid OK 73702

ATTN:

#2-12 McCurry

12 18S 14E Barton KS

Job Ticket: 25778 **DST#:1**

Test Start: 2006.10.03 @ 22:01:12

GENERAL INFORMATION:

Formation: **KC**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:47:27
Time Test Ended: 05:26:57

Test Type: Conventional Bottom Hole
Tester: Travy Cushenbery/Pau
Unit No: 30

Interval: 3116.00 ft (KB) To 3178.00 ft (KB) (TVD)
Total Depth: 3178.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

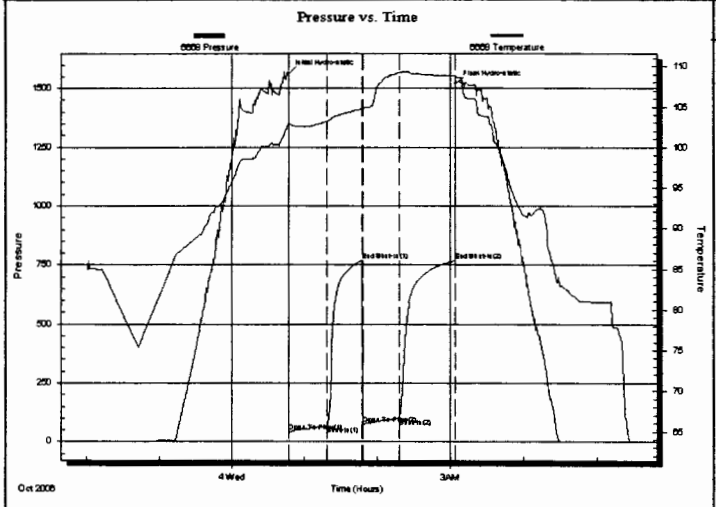
Reference Elevations: 1655.00 ft (KB)
1649.00 ft (CF)
KB to GR/CF: 6.00 ft

Serial #: 6668 **Inside**

Press@RunDepth: 98.68 psig @ 3153.00 ft (KB)
Start Date: 2006.10.03 End Date: 2006.10.04
Start Time: 22:01:17 End Time: 05:26:56

Capacity: 7000.00 psig
Last Calib.: 2006.10.04
Time On Btm: 2006.10.04 @ 00:47:12
Time Off Btm: 2006.10.04 @ 03:04:27

TEST COMMENT: IF Weak blow Building to 2 1/2 " in 30 mins.
ISI No blow back
FF Weak blow Building to 2 " in 30 mins.
FSI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1562.10	103.13	Initial Hydro-static
1	41.20	102.91	Open To Flow (1)
32	66.95	103.21	Shut-In(1)
61	767.10	104.71	End Shut-In(1)
61	76.15	104.55	Open To Flow (2)
91	98.68	109.23	Shut-In(2)
137	767.08	108.84	End Shut-In(2)
138	1518.41	108.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	WM 80%M 20%W	0.30
110.00	SOS Mud 1%O 99%M	0.54

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Blueridge Petroleum

PO Box 1913
Enid OK 73702

ATTN:

#2-12 McCurry

12 18S 14E Barton KS

Job Ticket: 25778 **DST#: 1**

Test Start: 2006.10.03 @ 22:01:12

Tool Information

Drill Pipe:	Length:	2954.00 ft	Diameter:	2.20	inches	Volume:	13.89 bbl	Tool Weight:	2100.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00	inches	Volume:	0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length:	150.00 ft	Diameter:	2.25	inches	Volume:	0.74 bbl	Weight to Pull Loose:	60000.00 lb
						Total Volume:	14.63 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		8.00 ft						String Weight: Initial	340000.0 lb
Depth to Top Packer:		3116.00 ft						Final	36000.00 lb
Depth to Bottom Packer:		ft							
Interval betw een Packers:		61.00 ft							
Tool Length:		81.00 ft							
Number of Packers:		2	Diameter:	6.75	inches				

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			3101.00		
Hydraulic tool	5.00			3106.00		
Packer	5.00			3111.00	20.00	Bottom Of Top Packer
Packer	5.00			3116.00		
Change Over Sub	1.00			3117.00		
Perforations	4.00			3121.00		
Blank Spacing	32.00			3153.00		
Recorder	0.00	6668	Inside	3153.00		
Change Over Sub	1.00			3154.00		
Perforations	20.00			3174.00		
Recorder	0.00	13266	Outside	3174.00		
Bullnose	3.00			3177.00	61.00	Bottom Packers & Anchor
Total Tool Length:	**81.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Blueridge Petroleum

PO Box 1913
Enid OK 73702

ATTN:

#2-12 McCurry

12 18S 14E Barton KS

Job Ticket: 25778 **DST#: 1**

Test Start: 2006.10.03 @ 22:01:12

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:	19000 ppm
Viscosity:	8.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	15.98 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	14000.00 ppm				
Filter Cake:	0.20 inches				

Recovery Information

Recovery Table

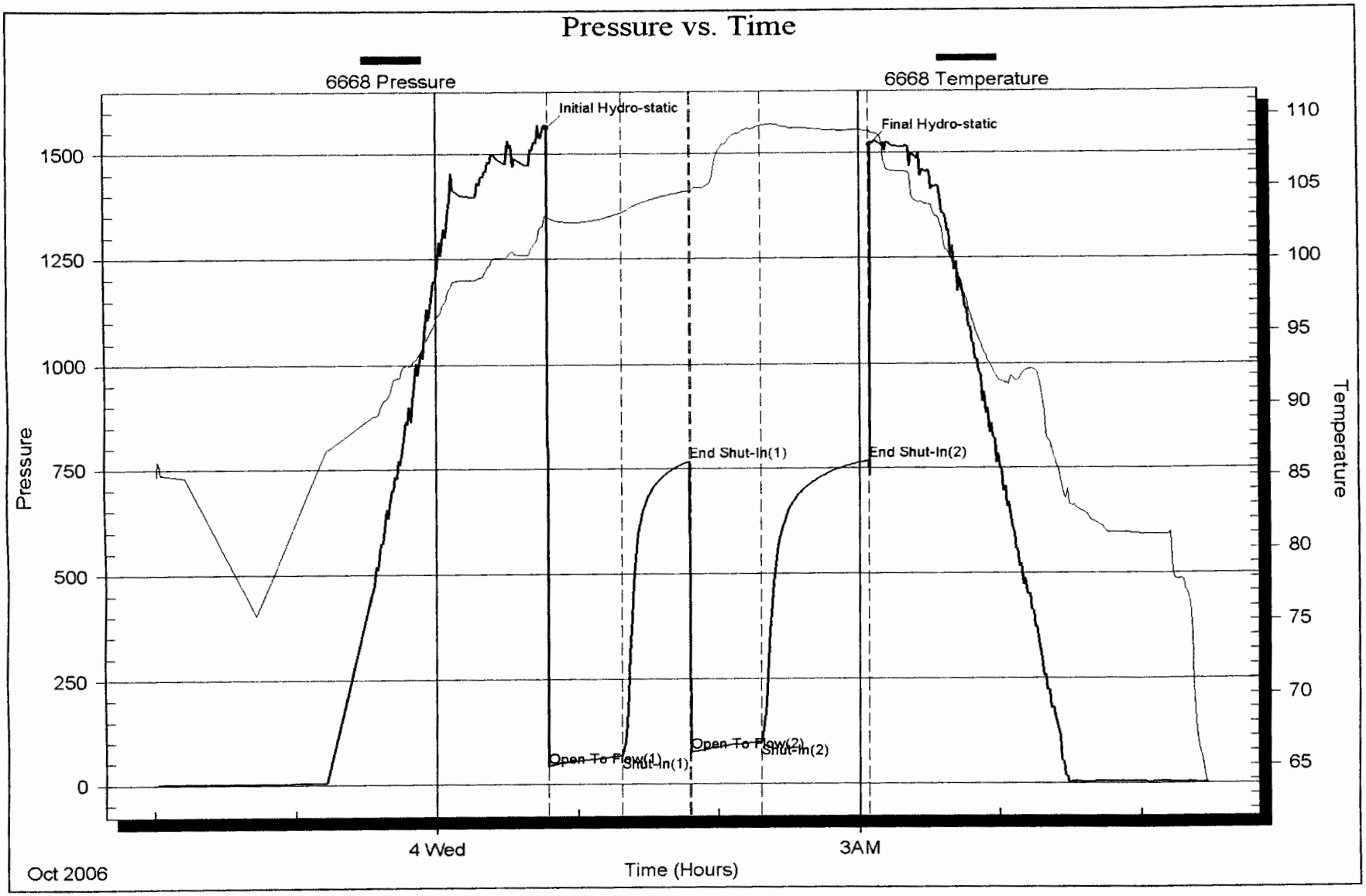
Length ft	Description	Volume bbl
60.00	WM 80%M 20%W	0.295
110.00	SOS Mud 1%O 99%M	0.537

Total Length: 170.00 ft Total Volume: 0.832 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: Rw .4@ 59


Pressure vs. Time
6668 Pressure
6668 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
Pressure
Temperature
1500
1250
1000
750
500
250
0
110
105
100
95
90
85
80
75
70
65
4 Wed
3AM
Oct 2006
Time (Hours)

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Blueridge Petroleum**

PO Box 1913
Enid OK 73702

ATTN:

12 18S 14E Barton KS

#2-12 McCurry

Start Date: 2006.10.04 @ 22:01:01
End Date: 2006.10.05 @ 05:45:46
Job Ticket #: 25779 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

DRILL STEM TEST REPORT

Blueridge Petroleum

PO Box 1913
Enid OK 73702

ATTN:

#2-12 McCurry

12 18S 14E Barton KS

Job Ticket: 25779 **DST#: 2**

Test Start: 2006.10.04 @ 22:01:01

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:52:31
Time Test Ended: 05:45:46

Test Type: Conventional Bottom Hole
Tester: Travy Cushenbery/ Pa
Unit No: 30

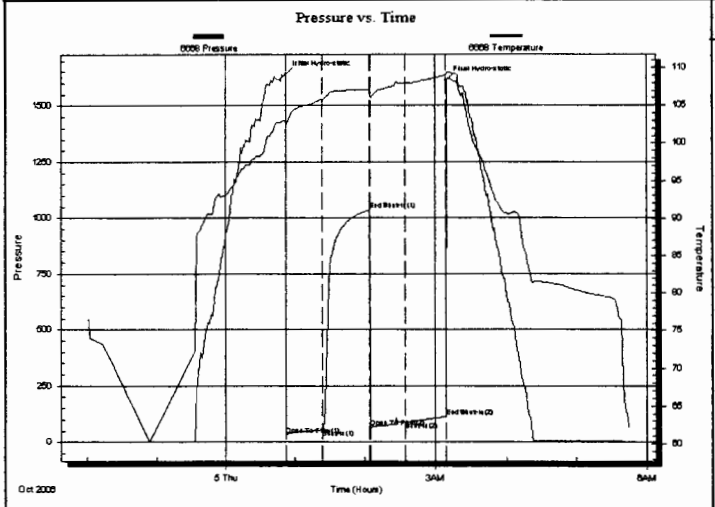
Interval: 3295.00 ft (KB) To 3320.00 ft (KB) (TVD)
Total Depth: 3320.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1655.00 ft (KB)
1649.00 ft (CF)
KB to GR/CF: 6.00 ft

Serial #: 6668 **Inside**
Press@RunDepth: 91.34 psig @ 3296.00 ft (KB)
Start Date: 2006.10.04 End Date: 2006.10.05
Start Time: 22:01:06 End Time: 05:45:45

Capacity: 7000.00 psig
Last Calib.: 2006.10.05
Time On Btm: 2006.10.05 @ 00:52:16
Time Off Btm: 2006.10.05 @ 03:09:46

TEST COMMENT: IF Weak blow Building to 1 " in 30 mins.
ISI No blow back
FF No blow Flushed tool Surge opening tool No blow
FSI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1637.39	102.94	Initial Hydro-static
1	33.15	102.34	Open To Flow (1)
32	55.96	105.81	Shut-In(1)
72	1035.33	107.07	End Shut-In(1)
73	67.08	106.32	Open To Flow (2)
103	91.34	107.94	Shut-In(2)
137	113.50	108.95	End Shut-In(2)
138	1613.07	109.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	GSYMCO 20%G 40%O 40%M	0.34
180.00	Gasy Oil 50%G 50%O	0.86
0.00	465 ft GIP	0.00

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Blueridge Petroleum

PO Box 1913
Enid OK 73702

ATTN:

#2-12 McCurry

12 18S 14E Barton KS

Job Ticket: 25779 **DST#: 2**

Test Start: 2006.10.04 @ 22:01:01

Tool Information

Drill Pipe:	Length:	3143.00 ft	Diameter:	2.20 inches	Volume:	14.78 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	150.00 ft	Diameter:	2.25 inches	Volume:	0.74 bbl	
					Total Volume:	15.52 bbl	

Drill Pipe Above KB:	18.00 ft
Depth to Top Packer:	3295.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	24.00 ft
Tool Length:	44.00 ft
Number of Packers:	2
Diameter:	6.75 inches

Tool Weight:	2100.00 lb
Weight set on Packer:	20000.00 lb
Weight to Pull Loose:	40000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	36000.00 lb
Final	38000.00 lb

Tool Comments:
Found a bad valve on floor manifold

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			3280.00		
Hydraulic tool	5.00			3285.00		
Packer	5.00			3290.00	20.00	Bottom Of Top Packer
Packer	5.00			3295.00		
Perforations	1.00			3296.00		
Recorder	0.00	6668	Inside	3296.00		
Perforations	20.00			3316.00		
Recorder	0.00	13266	Outside	3316.00		
Bullnose	3.00			3319.00	24.00	Bottom Packers & Anchor
Total Tool Length:	**44.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Blueridge Petroleum

PO Box 1913
Enid OK 73702

ATTN:

#2-12 McCurry

12 18S 14E Barton KS

Job Ticket: 25779 **DST#: 2**

Test Start: 2006.10.04 @ 22:01:01

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:	9.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	17.18 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	17500.00 ppm				
Filter Cake:	0.20 inches				

Recovery Information

Recovery Table

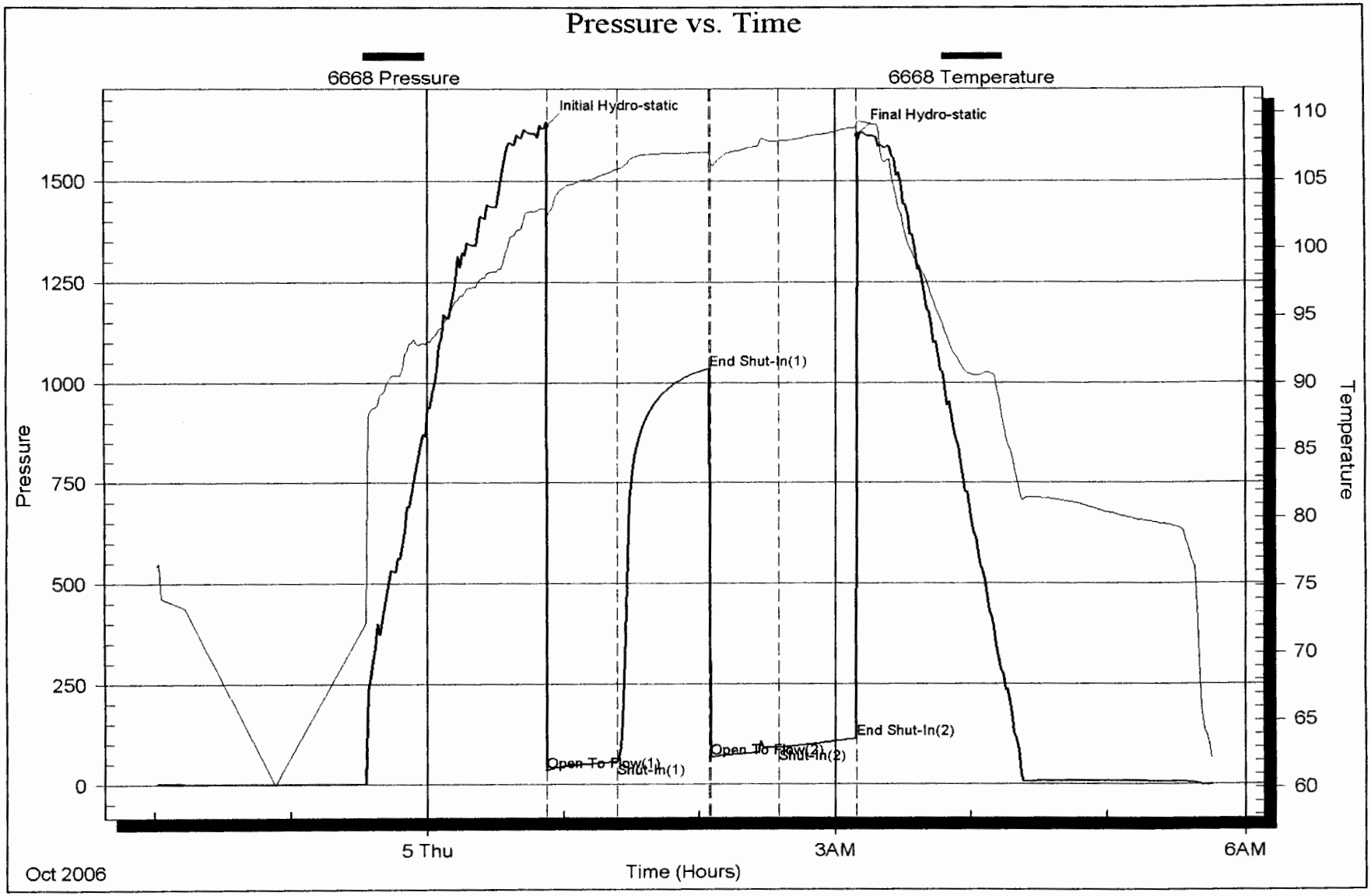
Length ft	Description	Volume bbl
70.00	GSYMCO 20%G 40%O 40%M	0.344
180.00	Gasy Oil 50%G 50%O	0.864
0.00	465 ft GIP	0.000

Total Length: 250.00 ft Total Volume: 1.208 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6668 Pressure
6668 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
Pressure
Temperature
1500
1250
1000
750
500
250
0
110
105
100
95
90
85
80
75
70
65
60
5 Thu
3AM
6AM
Oct 2006
Time (Hours)

TRILOBITE TESTING INC.
P.O. Box 362 • Hays, Kansas 67601

9347

25778

10/05

Test Ticket

Well Name & No. #2-12 McCurry Test No. #1 Date 10-3-06
Company Blueridge Petroleum Zone Tested Lansing C-F
Address P.O. Box 1913 Enid, OK 73702 Elevation 1649' KB 1655' GL
Co. Rep / Geo. Jim Rig Warren Rig #10
Location: Sec. 12 Twp. 18S Rge. 14W Co. Barton State KS
Comment: Release date / time:

Interval Tested 3116' - 3178' Initial Str Wt./Lbs. 34,000 Unseated Str Wt/Lbs. 36,000
Anchor Length 62' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 60,000
Top Packer Depth 3111' Tool Weight 2,100
Bottom Packer Depth 3116' Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
Total Depth 3178' Wt. Pipe Run NONE Drill Collar Run 150'
Mud Wt. 9.1 LCM 0 Vis. 8 WL 16 Drill Pipe Size [redacted] Ft. Run [redacted] 2954'
Blow Description FF: Weak blow. Building to 2½" in 30 mins.
ISI: NO blow back.
FF: Weak blow. Building to 2" in 30 mins.
FSI: NO blow back.
Recovery - Total Feet 170 GIP 0 Ft. in DC 150' Ft. in DP 20'
Rec. 60 Feet of WM %gas %oil 80 %water 20 %mud
Rec. 110 Feet of SOS mud %gas 1 %oil 0 %water 99 %mud
Rec. Feet of %gas %oil %water %mud
Rec. Feet of %gas %oil %water %mud
Rec. Feet of %gas %oil %water %mud
BHT °F Gravity °API D @ °F Corrected Gravity °API
RW .41 @ 59 °F Chlorides 19,000 ppm Recovery Chlorides 14,000 ppm System

	AK-1	Alpine					
(A) Initial Hydrostatic Mud		1582 PSI	Recorder No.	16616	Test	✓	1100
(B) First Initial Flow Pressure		41 PSI	(depth)	3158'	Jars		
(C) First Final Flow Pressure		67 PSI	Recorder No.	13216	Safety Jt.		
(D) Initial Shut-In Pressure		767 PSI	(depth)	3175'	Circ Sub	✓	50
(E) Second Initial Flow Pressure		76 PSI	Recorder No.		Sampler		
(F) Second Final Flow Pressure		99 PSI	(depth)		Straddle		
(G) Final Shut-In Pressure		767 PSI	Initial Opening	[redacted] 30	Ext. Packer		
(Q) Final Hydrostatic Mud		1518 PSI	Initial Shut-In	[redacted] 30	Shale Packer		
			Final Flow	30	Ruined Packer		
			Final Shut-In	45	Mileage 125	✓	156.25
			T-On Location	20:45	Sub Total:		
			T-Started	22:01	Std. By 3/4		75
			T-Open	00:45	Acc. Chg:		
			T-Pulled	03:04	Other:		
			T-Out	05:26	Total:		$1381.25

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.

Approved By

Our Representative Travis Cushenbrey

TRILOBITE TESTING INC.

25779

P.O. Box 362 • Hays, Kansas 67601

10/05

Test Ticket

Well Name & No. #2-12 McCurry Test No. #2 Date 10-4-06

Company Blueridge Petroleum Zone Tested ARBuckle

Address P.O. Box 9913 Enid, OK 73702 Elevation 1649' KB 1655' GL

Co. Rep / Geo. Jim Rig Warren Rig #10

Location: Sec. 12 Twp. 18s Rge. 14w Co. Barton State KS

Comment: Release date / time:

Interval Tested 3295' - 3320' Initial Str Wt./Lbs. 36,000 Unseated Str Wt/Lbs. 38,000

Anchor Length 25' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 40,000

Top Packer Depth 3290' Tool Weight 2100 lbs

Bottom Packer Depth 3295' Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓

Total Depth 3320' Wt. Pipe Run NONE Drill Collar Run 150'

Mud Wt. 9.1 LCM 0 Vis. 9 WL 17.2 Drill Pipe Size Ft. Run 3143'

Blow Description IF: Weak blow. Building to 1" in 30 mins.
ISI: No blow back.
FF: No blow. Flushed tool. Surge opening tool. No blow.
FSI: No blow back.

Recovery - Total Feet 250' GIP 465' Ft. in DC 150' Ft. in DP 100'

Rec. 70	Feet of GSYMCO	20 %gas	40 %oil	[illegible] %water	40 %mud
Rec. 180	Feet of GSYO	50 %gas	50 %oil	%water	%mud
Rec.	Feet of	%gas	%oil	%water	%mud
Rec.	Feet of	%gas	%oil	%water	%mud
Rec.	Feet of	%gas	%oil	%water	%mud

BHT 107 °F Gravity 37 °API D @ 60 °F Corrected Gravity 37 °API

RW @ °F Chlorides ppm Recovery Chlorides 17,500 ppm System

	AK-1	Alpine					
(A) Initial Hydrostatic Mud		1638	PSI	Recorder No.	66668	Test ✓	1100
(B) First Initial Flow Pressure		33	PSI	(depth)	3296'	Jars	
(C) First Final Flow Pressure		56	PSI	Recorder No.	13266	Safety Jt.	
(D) Initial Shut-In Pressure		1035	PSI	(depth)	3316'	Circ Sub ✓	50
(E) Second Initial Flow Pressure		67	PSI	Recorder No.		Sampler	
(F) Second Final Flow Pressure		113	PSI	(depth)		Straddle	
(G) Final Shut-In Pressure		[illegible]	PSI	Initial Opening	30	Ext. Packer	
(Q) Final Hydrostatic Mud		1613	PSI	Initial Shut-In	45	Shale Packer	
				Final Flow	30	Ruined Packer	156.25
				Final Shut-In	45	Mileage ✓	125 miles
				T-On Location	21:30	Sub Total:	
				T-Started	22:01	Std. By 1/4	25
				T-Open	00:52	Acc. Chg:	
				T-Pulled	03:43	Other:	
				T-Out	05:45	Total:	$1331.25

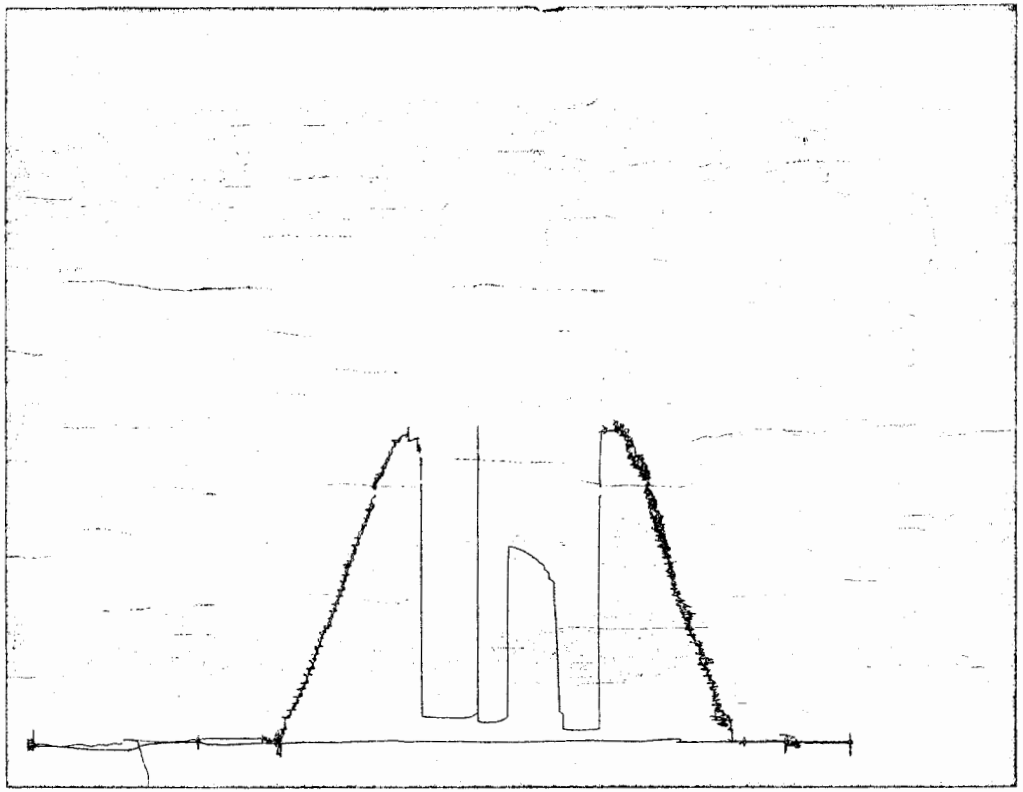
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By

Our Representative Travis Lushenberg

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.



Blueridge Petroleum
McCurry 2-12