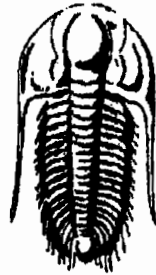


15-135-24580

29-19S-25W



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Blue Ridge**

PO Box 1913
Enid OK 73702

ATTN: Josh Austin

29 19S 25W Ness KS

Riva Ridge 2-29

Start Date: 2006.12.27 @ 00:50:59

End Date: 2006.12.27 @ 11:15:57

Job Ticket #: 27276 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Blue Ridge

PO Box 1913
Enid OK 73702

ATTN: Josh Austin

Riva Ridge 2-29

29 19S 25W Ness KS

Job Ticket: 27276

DST#: 1

Test Start: 2006.12.27 @ 00:50:59

GENERAL INFORMATION:

Formation: **Ft. Scott**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 05:05:57

Time Test Ended: 11:15:57

Test Type: **Conventional Bottom Hole**

Tester: **Brian Fairbank**

Unit No: **24**

Interval: **4425.00 ft (KB) To 4500.00 ft (KB) (TVD)**

Total Depth: **4500.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition:

Reference Elevations: **2560.00 ft (KB)**

2555.00 ft (CF)

KB to GR/CF: **5.00 ft**

Serial #: **6769**

Inside

Press@RunDepth: **151.38 psig @ 4428.01 ft (KB)**

Start Date: **2006.12.27**

End Date:

2006.12.27

Start Time: **00:50:59**

End Time:

11:15:57

Capacity: **7000.00 psig**

Last Calib.: **2006.12.28**

Time On Btm: **2006.12.27 @ 05:05:27**

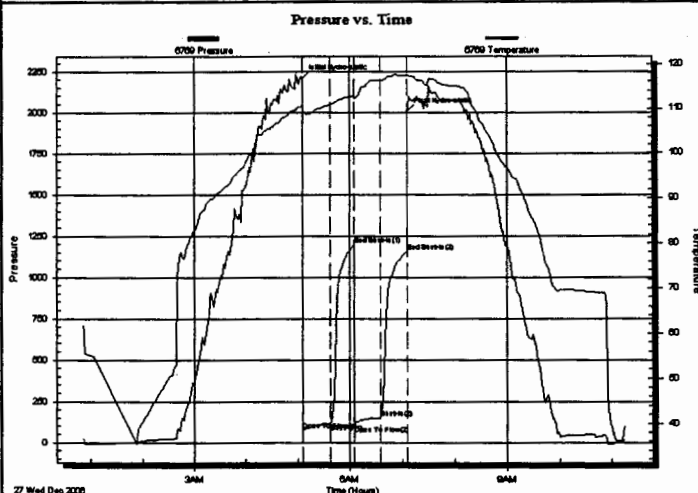
Time Off Btm: **2006.12.27 @ 07:06:12**

TEST COMMENT: **IFP Weak blow throughout 1/4" - 2 1/2"**

ISI No blow back

FFP Weak blow throughout sur - 2 1/2"

FSI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2209.00	110.56	Initial Hydro-static
1	73.29	109.74	Open To Flow (1)
33	116.69	110.87	Shut-In(1)
60	1194.93	112.85	End Shut-In(1)
61	103.68	112.41	Open To Flow (2)
90	151.38	116.30	Shut-In(2)
121	1156.54	117.28	End Shut-In(2)
121	2006.58	117.61	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	VSOCM 2%O 98%M	0.59
10.00	Mscum O 100%M	0.05

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Blue Ridge

Riva Ridge 2-29

PO Box 1913
Enid OK 73702

29 19S 25W Ness KS

Job Ticket: 27276

DST#: 1

ATTN: Josh Austin

Test Start: 2006.12.27 @ 00:50:59

Tool Information

Drill Pipe:	Length: 4262.00 ft	Diameter: 3.80 inches	Volume: 59.78 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: 153.00 ft	Diameter: 2.25 inches	Volume: 0.75 bbl	Weight to Pull Loose: 110000.0 lb
		Total Volume: 60.53 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4425.00 ft			Final 71000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	75.02 ft			
Tool Length:	95.02 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			4410.00	
Hydraulic tool	5.00			4415.00	
Packer	5.00			4420.00	20.00 Bottom Of Top Packer
Packer	5.00			4425.00	
Stubb	1.00			4426.00	
Perforations	1.00			4427.00	
Change Over Sub	1.00			4428.00	
Recorder	0.01	6769	Inside	4428.01	
Blank Spacing	63.00			4491.01	
Change Over Sub	1.00			4492.01	
Perforations	5.00			4497.01	
Recorder	0.01	13548	Outside	4497.02	
Bullnose	3.00			4500.02	75.02 Bottom Packers & Anchor

Total Tool Length: 95.02



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Blue Ridge

Riva Ridge 2-29

PO Box 1913
Enid OK 73702

29 19S 25W Ness KS

Job Ticket: 27276

DST#: 1

ATTN: Josh Austin

Test Start: 2006.12.27 @ 00:50:59

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 50.00 sec/qt

Water Loss: 11.92 in³

Resistivity: ohm.m

Salinity: 4900.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	VSOCM 2%O 98%M	0.590
10.00	Mscum O 100%M	0.049

Total Length: 130.00 ft

Total Volume: 0.639 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

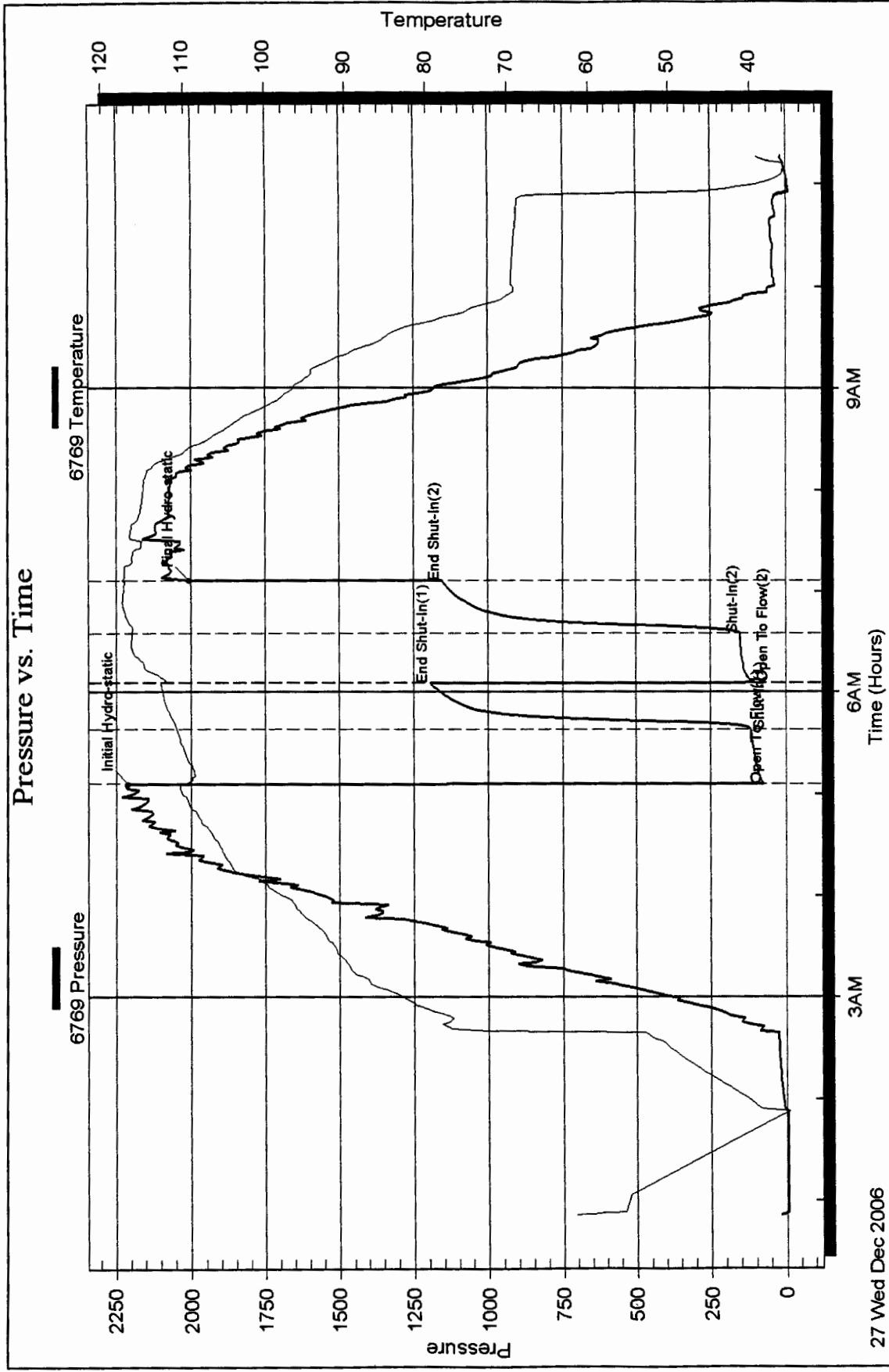
Serial #: 6769

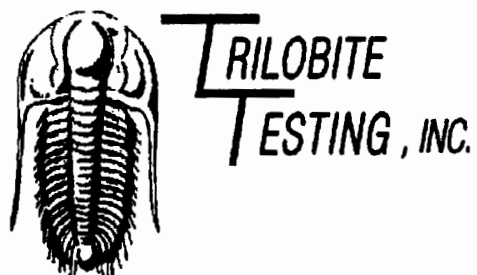
Inside

Blue Ridge

29 19S 25W Ness KS

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Blue Ridge**

PO Box 1913
Enid OK 73702

ATTN: Josh Austin

29 19S 25W Ness KS

Riva Ridge 2-29

Start Date: 2006.12.29 @ 02:34:04

End Date: 2006.12.29 @ 14:37:17

Job Ticket #: 27277 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Blue Ridge

PO Box 1913
Enid OK 73702

ATTN: Josh Austin

Riva Ridge 2-29

29 19S 25W Ness KS

Job Ticket: 27277

DST#: 2

Test Start: 2006.12.29 @ 02:34:04

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 06:42:17

Time Test Ended: 14:37:17

Test Type: **Conventional Bottom Hole**

Tester: **Brian Fairbank**

Unit No: **24**

Interval: **4512.00 ft (KB) To 4562.00 ft (KB) (TVD)**

Total Depth: **4562.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition:

Reference Elevations: **2560.00 ft (KB)**

2555.00 ft (CF)

KB to GR/CF: **5.00 ft**

Serial #: **6769**

Inside

Press@RunDepth: **102.75 psig @ 4517.01 ft (KB)**

Start Date: **2006.12.29**

End Date:

2006.12.29

Capacity: **7000.00 psig**

Last Calib.:

2006.12.29

Start Time: **02:34:04**

End Time:

14:37:17

Time On Btm: **2006.12.29 @ 06:41:47**

Time Off Btm: **2006.12.29 @ 09:42:02**

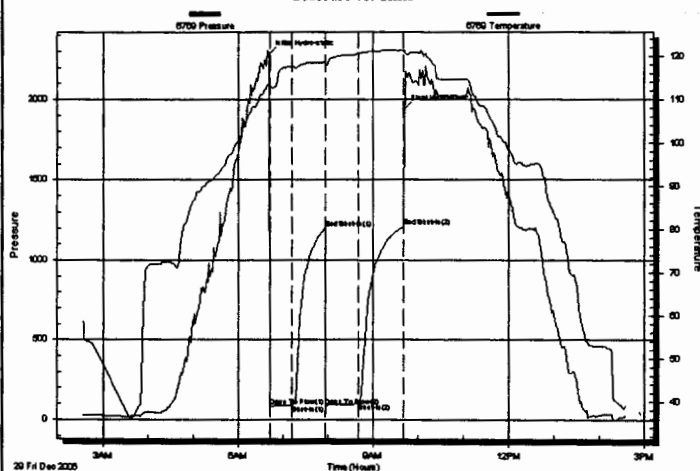
TEST COMMENT: **IFP Weak blow throughout sur - 2"**

ISI No blow back

FFP No blow 7 min. sur. - 1"

FSI No blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2282.76	113.91	Initial Hydro-static
1	83.08	113.25	Open To Flow (1)
31	89.95	117.42	Shut-In(1)
75	1197.94	118.53	End Shut-In(1)
75	84.08	118.11	Open To Flow (2)
120	102.75	120.67	Shut-In(2)
180	1209.14	121.20	End Shut-In(2)
181	1937.75	121.30	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	GOOM 5%G 15%O 80%M	0.20
30.00	FREE OIL 5%G 92%O 3%M	0.15

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Blue Ridge

PO Box 1913
Enid OK 73702

ATTN: Josh Austin

Riva Ridge 2-29

29 19S 25W Ness KS

Job Ticket: 27277

DST#: 2

Test Start: 2006.12.29 @ 02:34:04

Tool Information

Drill Pipe:	Length: 4343.00 ft	Diameter: 3.80 inches	Volume: 60.92 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: 153.00 ft	Diameter: 2.25 inches	Volume: 0.75 bbl	Weight to Pull Loose: 115000.0 lb
			Total Volume: 61.67 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4512.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	50.02 ft			
Tool Length:	70.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

0003 got stuck on lease road - 0230 backed up to catwalk
T.O. w/ tool, worked on mud pump 1 hour

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4497.00	
Hydraulic tool	5.00			4502.00	
Packer	5.00			4507.00	20.00 Bottom Of Top Packer
Packer	5.00			4512.00	
Stubb	1.00			4513.00	
Perforations	3.00			4516.00	
Change Over Sub	1.00			4517.00	
Recorder	0.01	6769	Inside	4517.01	
Blank Spacing	31.00			4548.01	
Change Over Sub	1.00			4549.01	
Perforations	10.00			4559.01	
Recorder	0.01	13548	Outside	4559.02	
Bullnose	3.00			4562.02	50.02 Bottom Packers & Anchor

Total Tool Length: 70.02



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Blue Ridge

Riva Ridge 2-29

PO Box 1913
Enid OK 73702

29 19S 25W Ness KS

Job Ticket: 27277

DST#: 2

ATTN: Josh Austin

Test Start: 2006.12.29 @ 02:34:04

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

38 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.17 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6700.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	GOCM 5%G 15%O 80%M	0.197
30.00	FREE OIL 5%G 92%O 3%M	0.148

Total Length: 70.00 ft

Total Volume: 0.345 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 80' GIP

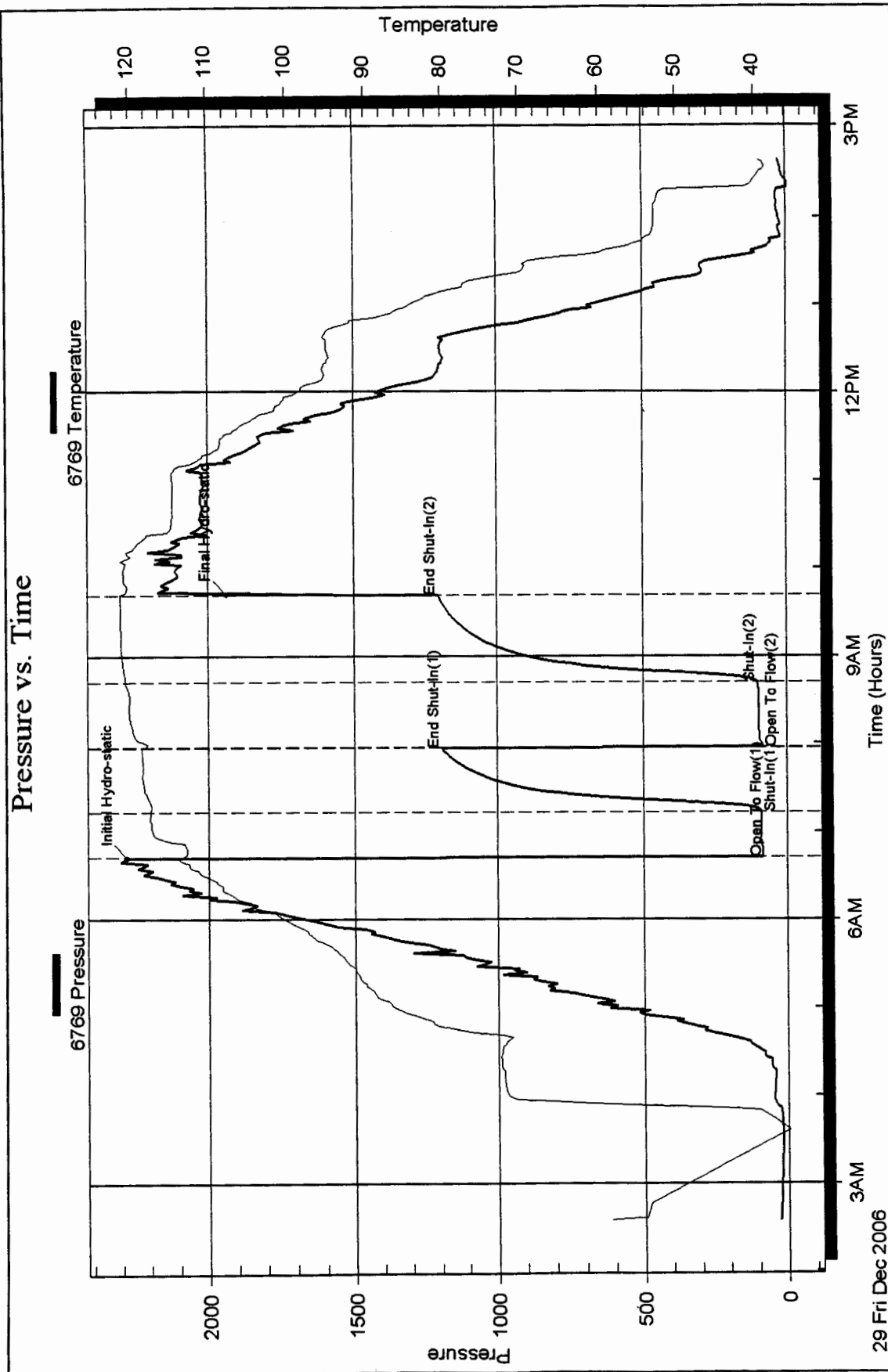
DST Test Number: 2

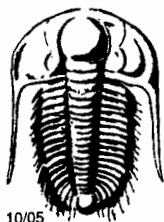
29 19S 25W Ness KS

Blue Ridge

Inside

Serial #: 6769





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

27276✓

9699✓

Test Ticket

Well Name & No. Riva Ridge #2-29 Test No. 1 Date 12-27-06
 Company Blue Ridge Zone Tested Ft. Scott
 Address P.O. Box 1913 Enid, OK 73702 Elevation 2560 KB 2555 GL
 Co. Rep / Geo. Josh Austin Rig Warren 18
 Location: Sec. 29 Twp. 19^s Rge. 25^w Co. New State K
 Comment: _____ Release date / time: _____

Interval Tested 4425-4500 Initial Str Wt./Lbs. 70,000 Unseated Str Wt./Lbs. 71,000
 Anchor Length 75 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 110,000
 Top Packer Depth 4420 Tool Weight 2500
 Bottom Packer Depth 4425 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 4500 Wt. Pipe Run — Drill Collar Run 153
 Mud Wt. 9.0 LCM — Vis. 50 WL 12.0 Drill Pipe Size 4 1/2 X 4 Ft. Run 4262
 Blow Description IFP- Weak blow throughout - 1/4 - 2 1/2
ISI- no blow back
FFP- weak blow throughout sur - 2 1/2
FSI- no blow back

Recovery - Total Feet 130 GIP — Ft. in DC 130 Ft. in DP —
 Rec. 10 Feet of M scum %gas — %oil — %water 100 %mud —
 Rec. 120 Feet of USOCM %gas 2 %oil — %water 98 %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 _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 4700 ppm System

(A) Initial Hydrostatic Mud	AK-1	Alpine	2180	PSI	Recorder No.	6769	Test ✓	1200
(B) First Initial Flow Pressure			73	PSI	(depth)	4428	Jars	
(C) First Final Flow Pressure			117	PSI	Recorder No.	13548	Safety Jt.	
(D) Initial Shut-In Pressure			1195	PSI	(depth)	4497	Circ Sub	
(E) Second Initial Flow Pressure			104	PSI	Recorder No.		Sampler	
(F) Second Final Flow Pressure			151	PSI	(depth)		Straddle	
(G) Final Shut-In Pressure			1157	PSI	Initial Opening	30	Ext. Packer	
(Q) Final Hydrostatic Mud			2068	PSI	Initial Shut-In	30	Shale Packer	
					Final Flow	30	Ruined Packer	
					Final Shut-In	30	Mileage ✓	202.50 162 R

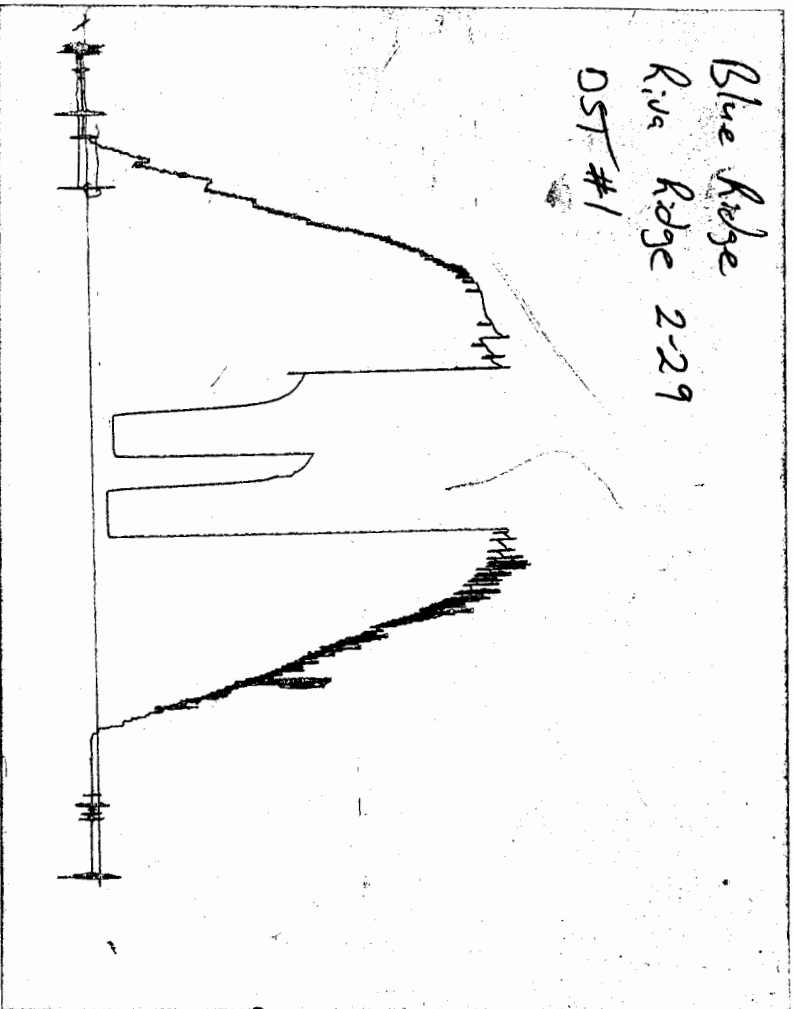
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST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

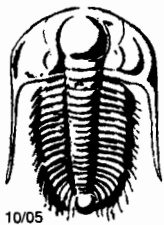
Approved By [Signature]
 Our Representative Brian Fairbank (Thurs)

T-On Location 2235
 T-Started 0050
 T-Open 0505
 T-Pulled 0705
 T-Out 1115
 Sub Total: 1402.50
 Std. By _____
 Acc. Chg: _____
 Other: _____
 Total: _____

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

27277

Test Ticket

Well Name & No. <u>Riva Ridge #2-29</u>	Test No. <u>2</u>	Date <u>12-29-06</u>
Company <u>Blue Ridge</u>	Zone Tested <u>Miss</u>	
Address <u>P.O. Box 1913 Enid, OK 73702</u>	Elevation <u>2560</u>	KB <u>2555</u> GL
Co. Rep / Geo. <u>Josh Austin</u>	Rig <u>Warren 18</u>	
Location: Sec. <u>29</u> Twp. <u>19^s</u> Rge. <u>25^w</u>	Co. <u>Ness</u>	State <u>Ko</u>
Comment: <u>0003 got stuck on lease road - 0230 backed to catwalk</u>		
Release date / time: _____		

Interval Tested <u>4512 - 4562</u>	Initial Str Wt./Lbs. <u>70,000</u>	Unseated Str Wt./Lbs. <u>70,000</u>
Anchor Length <u>50</u>	Wt. Set Lbs. <u>25,000</u>	Wt. Pulled Loose/Lbs. <u>115,000</u>
Top Packer Depth <u>4507</u>	Tool Weight <u>2500</u>	
Bottom Packer Depth <u>4512</u>	Hole Size 7 7/8" <u>-</u>	Rubber Size 6 3/4" <u>-</u>
Total Depth <u>4562</u>	Wt. Pipe Run <u>-</u>	Drill Collar Run <u>153</u>
Mud Wt. <u>9.4</u> LCM <u>-</u> Vis. <u>58</u> WL <u>10.2</u>	Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>4343</u>
Blow Description <u>IFP - Weak blow throughout sur-2</u> <u>- Tow/RT - worked on mud pump 1 hour</u>		
<u>ISI - no blow back</u> <u>- 30 min break due to weather</u>		
<u>FFP - no blow 7 min sur-1</u>		
<u>FSI - no blow back</u>		

Recovery - Total Feet <u>70</u>	GIP <u>80</u>	Ft. in DC <u>70</u>	Ft. in DP <u>-</u>
Rec. <u>30</u>	Feet of <u>Free oil</u>	5 %gas <u>92</u> %oil	%water <u>3</u> %mud
Rec. <u>40</u>	Feet of <u>GOCM</u>	5 %gas <u>15</u> %oil	%water <u>80</u> %mud
Rec. _____	Feet of _____	%gas _____ %oil	%water _____ %mud
Rec. _____	Feet of _____	%gas _____ %oil	%water _____ %mud
Rec. _____	Feet of _____	%gas _____ %oil	%water _____ %mud
BHT <u>121</u>	*F Gravity <u>36</u>	*API D @ <u>40</u>	*F Corrected Gravity <u>38</u> *API
RW _____ @ _____	*F Chlorides _____	ppm Recovery _____	Chlorides <u>6700</u> ppm System

(A) Initial Hydrostatic Mud	AK-1 <u>2228</u> PSI	Alpine	Recorder No. <u>6769</u>	Test <u>✓</u> <u>1200</u>
(B) First Initial Flow Pressure	<u>83</u> PSI	(depth)	<u>4517</u>	Jars _____
(C) First Final Flow Pressure	<u>90</u> PSI	Recorder No. <u>13548</u>	Safety Jt. _____	
(D) Initial Shut-In Pressure	<u>1198</u> PSI	(depth)	<u>4559</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>84</u> PSI	Recorder No. _____	Sampler _____	
(F) Second Final Flow Pressure	<u>103</u> PSI	(depth)	Straddle _____	
(G) Final Shut-In Pressure	<u>1209</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____	
(Q) Final Hydrostatic Mud	<u>2139</u> PSI	Initial Shut-In <u>45</u>	Shale Packer _____	
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.		Final Flow <u>45</u>	Ruined Packer _____	
		Final Shut-In <u>60</u>	Mileage <u>202.50</u>	
		T-On Location <u>0003 10230</u>	Sub Total: <u>1402.50</u>	
		T-Started <u>0234</u>	Std. By _____	
		T-Open <u>0642</u>	Acc. Chg: _____	
		T-Pulled <u>0942</u>	Other: _____	
		T-Out <u>1438</u>	Total: _____	

Approved By [Signature]

Our Representative Brian Fairbank (Hark)

CHART PAGE

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

