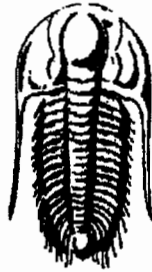


15-077-21550

18-32s-9w



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **R & B Oil & Gas**

PO Box 195
Attica KS 67009-0195

ATTN: Tim Pierce

18 32s 9w Harper KS

Bowerman Farms #1

Start Date: 2006.04.08 @ 22:32:37

End Date: 2006.04.09 @ 06:18:22

Job Ticket #: 24112 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

R & B Oil & Gas

Bowerman Farms #1

18 32s 9w Harper KS

DST # 1

Mississippian

2006.04.08



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

R & B Oil & Gas
PO Box 195
Attica KS 67009-0195
ATTN: Tim Pierce

Bowerman Farms #1
18 32s 9w Harper KS
Job Ticket: 24112 DST#: 1
Test Start: 2006.04.08 @ 22:32:37

Tool Information

Drill Pipe:	Length: 4303.00 ft	Diameter: 3.80 inches	Volume: 60.36 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: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 60.36 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	4303.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	47.00 ft			
Tool Length:	67.00 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			4288.00	
Hydraulic tool	5.00			4293.00	
Packer	5.00			4298.00	20.00 Bottom Of Top Packer
Packer	5.00			4303.00	
Stubb	1.00			4304.00	
Recorder	0.00	6668	Inside	4304.00	
Blank Spacing	33.00			4337.00	
Perforations	9.00			4346.00	
Recorder	0.00	13266	Outside	4346.00	
Bullnose	4.00			4350.00	47.00 Bottom Packers & Anchor
Total Tool Length:	67.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

R & B Oil & Gas
PO Box 195
Attica KS 67009-0195
ATTN: Tim Pierce

Bowerman Farms #1
18 32s 9w Harper KS
Job Ticket: 24112 **DST#: 1**
Test Start: 2006.04.08 @ 22:32:37

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 46.00 sec/qt	Cushion Volume: bbl		
Water Loss: 14.37 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: 0.04 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	Drilling Mud 100%M	0.281
0.00	175' GIP	0.000

Total Length: 20.00 ft Total Volume: 0.281 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

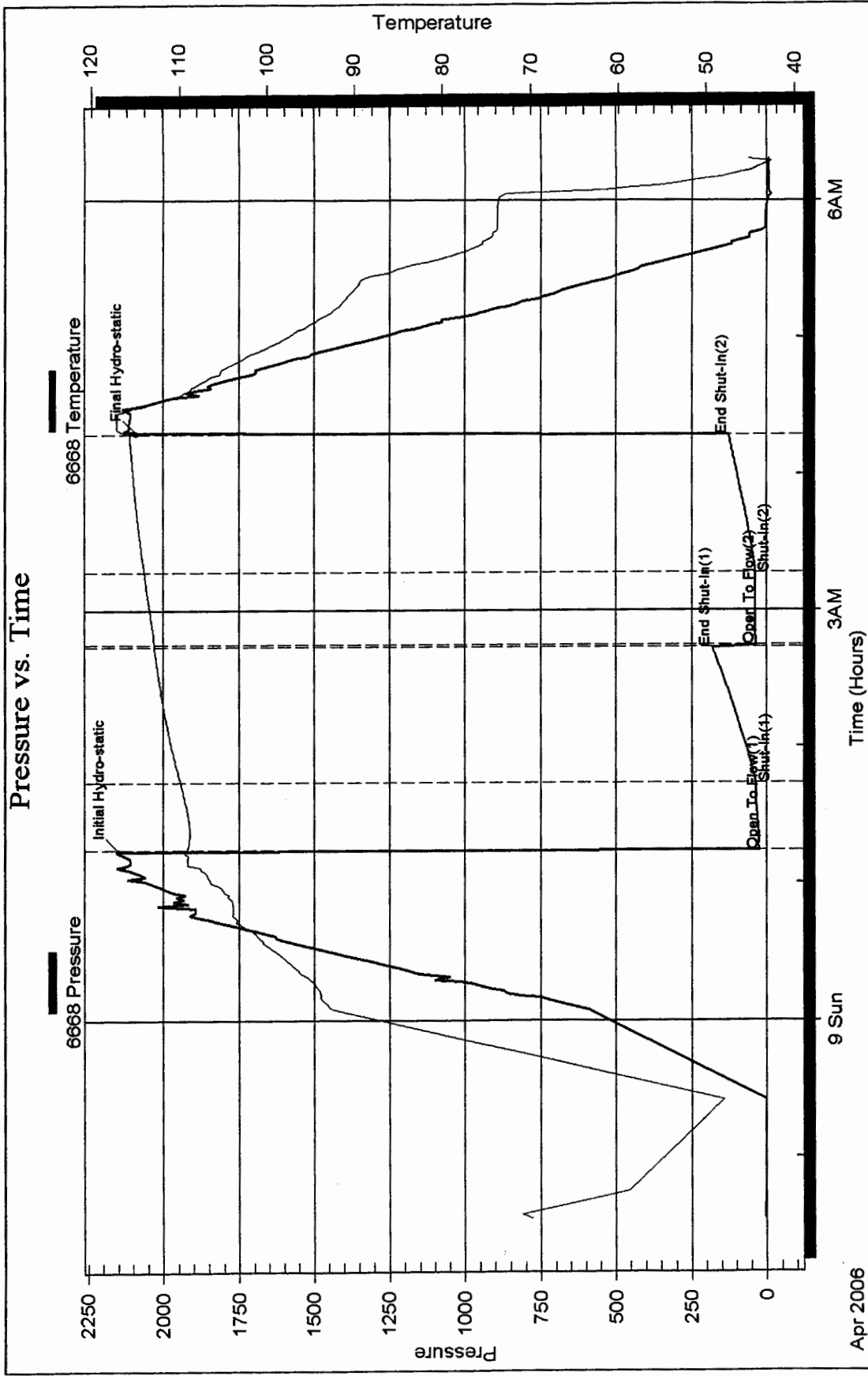
Serial #: 6668

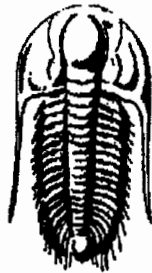
Inside

R & B Oil & Gas

18 32s 9w Harper KS

DST Test Number: 1





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **R & B Oil & Gas**

PO Box 195
Attica KS 67009-0195

ATTN: Tim Pierce

18 32s 9w Harper KS

Bowerman Farms #1

Start Date: 2006.04.09 @ 12:22:38

End Date: 2006.04.09 @ 20:14:23

Job Ticket #: 24113 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

R & B Oil & Gas

Bowerman Farms #1

18 32s 9w Harper KS

DST # 2

Mississippian

2006.04.09



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

R & B Oil & Gas
PO Box 195
Attica KS 67009-0195
ATTN: Tim Pierce

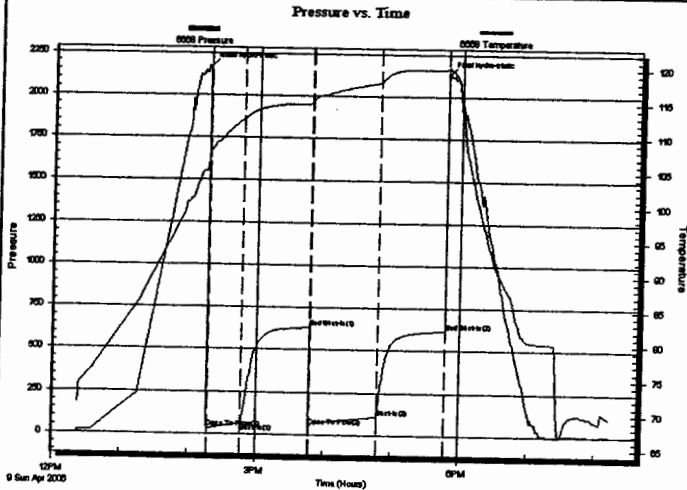
Bowerman Farms #1
18 32s 9w Harper KS
Job Ticket: 24113 DST#: 2
Test Start: 2006.04.09 @ 12:22:38

GENERAL INFORMATION:

Formation: **Mississippian**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 14:17:38
Time Test Ended: 20:14:23
Interval: **4350.00 ft (KB) To 4380.00 ft (KB) (TVD)**
Total Depth: 4380.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole
Tester: Jake Fahrenbruch
Unit No: 30
Reference Elevations: 1446.00 ft (KB)
1438.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6668 Inside
Press@RunDepth: 107.85 psig @ 4351.00 ft (KB)
Start Date: 2006.04.09 End Date: 2006.04.09
Start Time: 12:22:39 End Time: 20:14:23
Capacity: 7000.00 psig
Last Calib.: 2006.04.09
Time On Btmr: 2006.04.09 @ 14:16:23
Time Off Btmr: 2006.04.09 @ 17:48:08

TEST COMMENT: F Strong blow BOB 2min 15 sec
ISI Bled off No blow back
FF Strong Blow BOB immediately GTS 13 minutes
FSI Bled off No blow back



PRESSURE SUMMARY

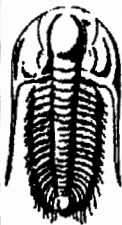
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2165.40	106.20	Initial Hydro-static
2	31.02	107.96	Open To Flow (1)
31	61.89	112.55	Shut-in(1)
90	632.84	114.83	End Shut-in(1)
91	52.26	115.32	Open To Flow (2)
152	107.85	117.96	Shut-in(2)
212	617.96	119.95	End Shut-in(2)
212	2127.24	120.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	SLOSM >1%O <99%M	0.70
60.00	SLOSM >1%O <99%M	0.84
60.00	GCSLOSMW 30%G >1%O 30%M 39%W	0.84
0.00	RW= .22 OHM @ 69 deg F= 33000 ppm	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	2.50	6.33
Last Gas Rate	0.13	13.00	10.26
Max. Gas Rate	0.13	13.00	10.26



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

R & B Oil & Gas
PO Box 195
Attica KS 67009-0195
ATTN: Tim Pierce

Bowerman Farms #1
18 32s 9w Harper KS
Job Ticket: 24113 DST#: 2
Test Start: 2006.04.09 @ 12:22:38

Tool Information

Drill Pipe:	Length: 4335.00 ft	Diameter: 3.80 inches	Volume: 60.81 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: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 68000.00 lb
			<u>Total Volume: 60.81 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 63000.00 lb
Depth to Top Packer:	4350.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	50.00 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			4335.00	
Hydraulic tool	5.00			4340.00	
Packer	5.00			4345.00	20.00 Bottom Of Top Packer
Packer	5.00			4350.00	
Stubb	1.00			4351.00	
Recorder	0.00	6668	Inside	4351.00	
Perforations	25.00			4376.00	
Recorder	0.00	13266	Outside	4376.00	
Bullnose	4.00			4380.00	30.00 Bottom Packers & Anchor
Total Tool Length:	50.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

R & B Oil & Gas

Bowerman Farms #1

PO Box 195
Attica KS 67009-0195

18 32s 9w Harper KS

Job Ticket: 24113

DST#: 2

ATTN: Tim Pierce

Test Start: 2006.04.09 @ 12:22:38

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: 43.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.18 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: 0.04 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	SLOSM >1%O <99%M	0.701
60.00	SLOSM >1%O <99%M	0.842
60.00	GCSLOSMW 30%G >1%O 30%M 39%W	0.842
0.00	RW= .22 OHM @ 69 deg F= 33000 ppm CHL	0.000

Total Length: 170.00 ft Total Volume: 2.385 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6668

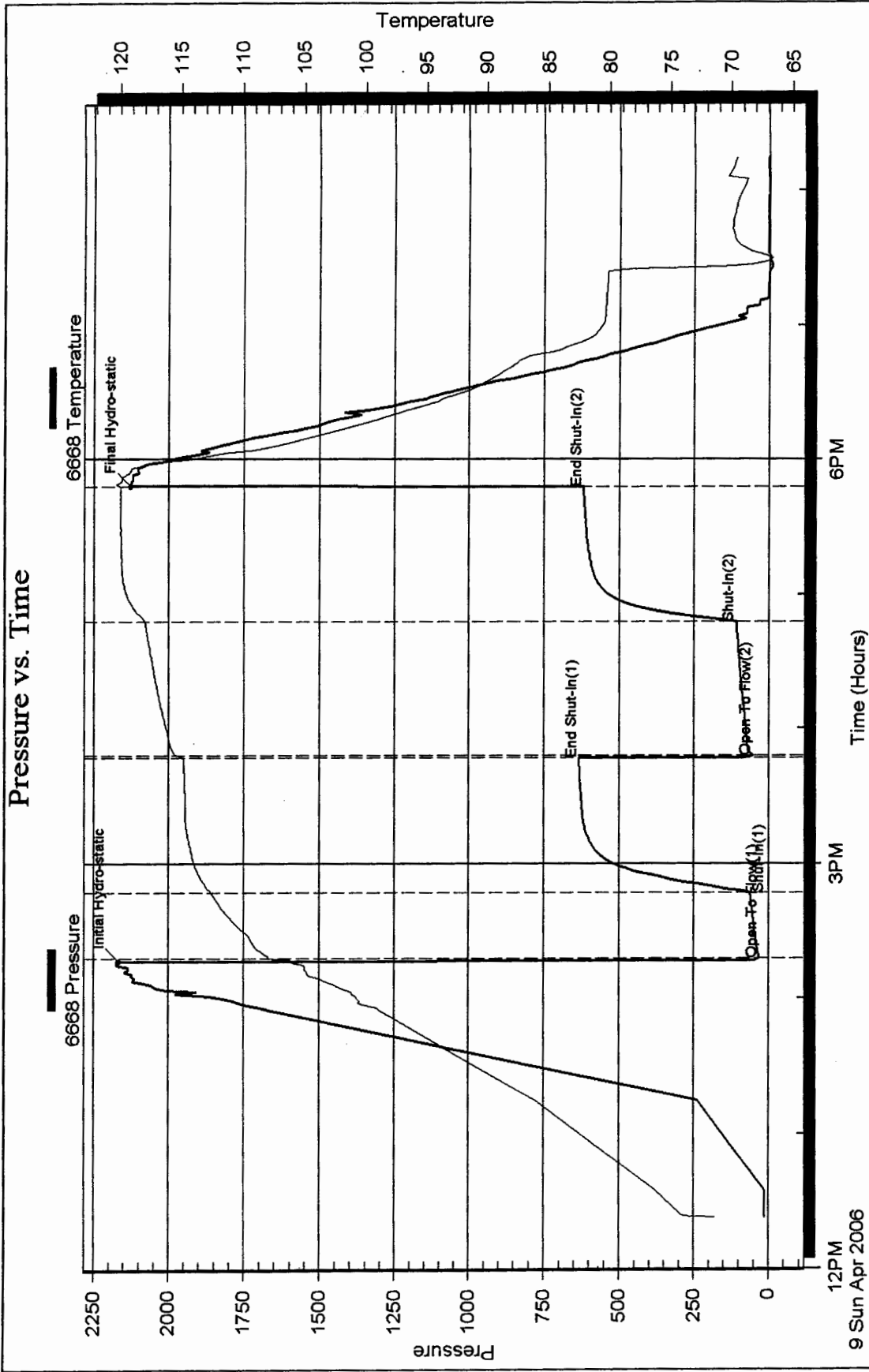
Inside

R & B Oil & Gas

18 32s 9w Harper KS

DST Test Number: 2

Pressure vs. Time

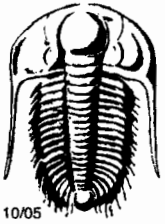


12PM
9 Sun Apr 2006

3PM

6PM

Time (Hours)



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

8626

No 24112

Test Ticket

Well Name & No. BOWERMAN FARMS #1 Test No. 1 Date 4-9-06
 Company R+B OIL + GAS Zone Tested MISSISSIPPIAN
 Address P.O. BOX 195, ATTILA, KS 67009-0195 Elevation 1446 KB 1138 GL
 Co. Rep / Geo. TIM PIERCE Rig DUKE DRILLING CO. RIG #2
 Location: Sec. 18 Twp. 32 S Rge. 9 W Co. HARPER State KS
 Comment: _____ Release date / time: _____

Interval Tested 4303 - 4350 Initial Str Wt./Lbs. 64,000 Unseated Str Wt/Lbs. 64,000
 Anchor Length 47 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 70,000
 Top Packer Depth 4298 Tool Weight 2500
 Bottom Packer Depth 4303 Hole Size 7 7/8" YES Rubber Size 6 3/4" YES
 Total Depth 4350 Wt. Pipe Run NONE Drill Collar Run NONE
 Mud Wt. 9.5 LCM --- Vis. 46 WL 14.4 Drill Pipe Size 4 1/2" XH Ft. Run 4303
 Blow Description IF : WEAK BLOW BUILDING TO 4" IN BUCKET.
ISI : BLED OFF, NO BLOWBACK.
FF : WEAK BLOW BUILDING TO 4" IN BUCKET.
FSI : BLED OFF, NO BLOWBACK.

Recovery - Total Feet 20 GIP 175 Ft. in DC NONE Ft. in DP 20
 Rec. 20 Feet of DRILLING MUD %gas _____ %oil _____ %water 100 %mud _____
 Rec. _____ Feet of _____ %gas _____ %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 115.68 °F Gravity NA °API D @ _____ °F Corrected Gravity _____ °API
 RW NA @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 5,000 ppm System

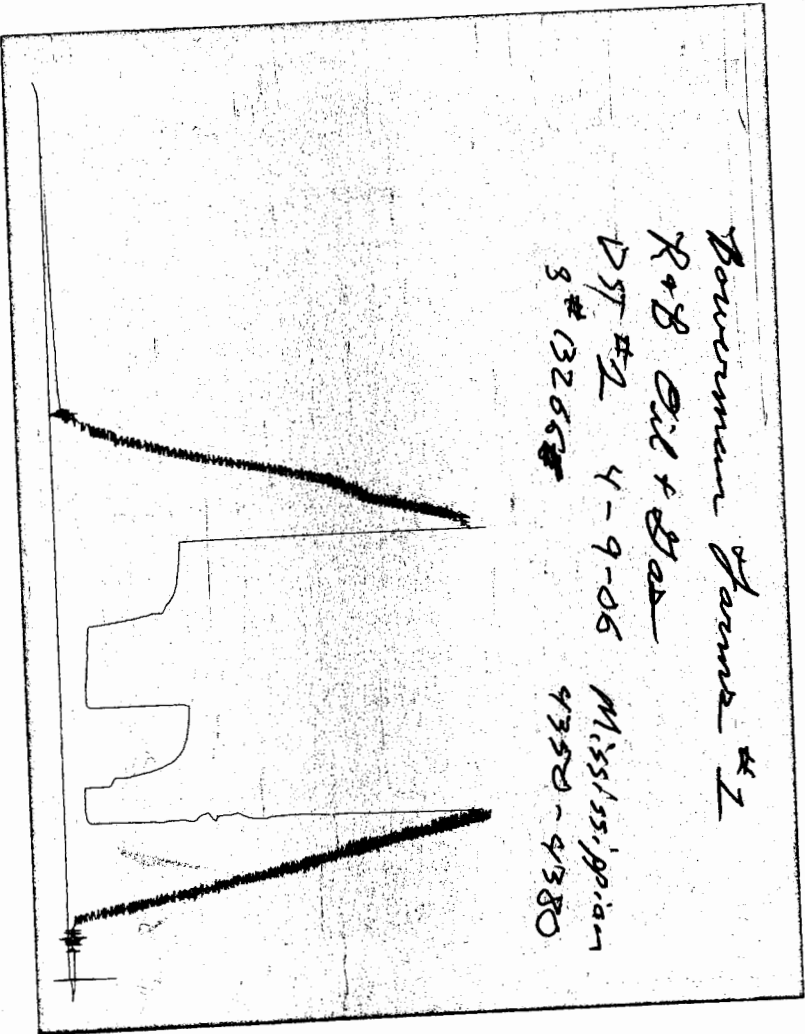
	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	2147	PSI	6668	* 9 Hour 1100
(B) First Initial Flow Pressure	23	PSI	(depth) 4304	Jars _____
(C) First Final Flow Pressure	36	PSI	Recorder No. 13266	Safety Jt. _____
(D) Initial Shut-In Pressure	182	PSI	(depth) 4346	Circ Sub <u>* NC</u>
(E) Second Initial Flow Pressure	34	PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	38	PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	126	PSI	Initial Opening 30	Ext. Packer _____
(Q) Final Hydrostatic Mud	2141	PSI	Initial Shut-In 60	Shale Packer _____
			Final Flow 30	Ruined Packer _____
			Final Shut-In 60	Mileage <u>90 R.T.</u> <u>112.50</u>
			T-On Location 21:30	Sub Total: <u>1212.50</u>
			T-Started 22:32 1H 30M	Std. By _____
			T-Open 01:14	Acc. Chg: _____
			T-Pulled 04:18	Other: _____
			T-Out 06:15	Total: _____

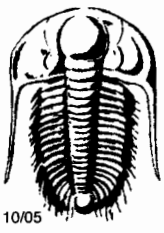
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST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

Approved By Tim Pierce
 Our Representative Jacob E. Jahnbrun
Thompson

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 24113

Test Ticket

Well Name & No. BOWERMAN FARMS #1 Test No. 2 Date 4-9-06
 Company R+B OIL & GAS Zone Tested MISSISSIPPIAN
 Address P.O. BOX 195, ATTICA, KS, 67009-0195 Elevation 1446 KB 438 GL
 Co. Rep / Geo. TIM PIERCE Rig DUKE DRILLING CO. RIG #2
 Location: Sec. 18 Twp. 32^s Rge. 9^w Co. HARPER State KS
 Comment: _____ Release date / time: _____

Interval Tested 4350-4380 Initial Str Wt./Lbs. 63000 Unseated Str Wt./Lbs. 64000
 Anchor Length 30 Wt. Set Lbs. 20000 Wt. Pulled Loose/Lbs. 68000
 Top Packer Depth 4345 Tool Weight 2500
 Bottom Packer Depth 4350 Hole Size 7 7/8" YES Rubber Size 6 3/4" YES
 Total Depth 4380 Wt. Pipe Run NONE Drill Collar Run NONE
 Mud Wt. 9.4 LCM 1# Vis. 43 WL 10.2 Drill Pipe Size 4 1/2" X 4 Ft. Run 4335

Blow Description IF: STRONG BLOW, BOB 2 MIN 15 SEC.
ISI: BLED OFF, NO BLOWBACK.
FF: STRONG BLOW, BOB IMMEDIATELY, GTS 13 MINUTES.
FSD: BLED OFF, NO BLOWBACK.

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>170</u>	<u>AFFP</u>	<u>NONE</u>	<u>170</u>
Rec. <u>50</u> Feet of <u>SLOS M</u>	%gas <u>>1</u> %oil _____ %water <u><99</u> %mud _____		
Rec. <u>60</u> Feet of <u>SLOS M</u>	%gas <u>>1</u> %oil _____ %water <u><99</u> %mud _____		
Rec. <u>60</u> Feet of <u>GLSLOS MW</u>	<u>30</u> %gas <u>>1</u> %oil <u>40</u> %water <u>30</u> %mud _____		
Rec. _____ Feet of _____	%gas _____ %oil _____ %water _____ %mud _____		
Rec. _____ Feet of _____	%gas _____ %oil _____ %water _____ %mud _____		

BHT 119.95 °F Gravity NA °API D @ _____ °F Corrected Gravity _____ °API
 RW .22 @ 69 °F Chlorides 33000 ppm Recovery _____ Chlorides 5000 ppm System

AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>2165</u> PSI	<u>6668</u>	<u>9 HOUR 1100</u>
(B) First Initial Flow Pressure	<u>31</u> PSI	(depth) <u>4351</u>	Jars _____
(C) First Final Flow Pressure	<u>62</u> PSI	Recorder No. <u>13266</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>633</u> PSI	(depth) <u>4376</u>	Circ Sub <u>AVG</u>
(E) Second Initial Flow Pressure	<u>52</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>108</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>618</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>2153</u> PSI	Initial Shut-In <u>60</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.

T-On Location	T-Started	T-Open	T-Pulled	T-Out
<u>11:45</u>	<u>12:22 1# 30"</u>	<u>14:17</u>	<u>17:47</u>	<u>19:30</u>

Final Flow 60
 Final Shut-In 60
 Sub Total: 1100
 Std. By 1 3/4 HOUR 87.50
 Acc. Chg: _____
 Other: _____
 Total: \$1187.50

Approved By Tim Pierce
 Our Representative [Signature]
[Signature]

CHART PAGE

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

