

15-095-21950

American Energies Corp.

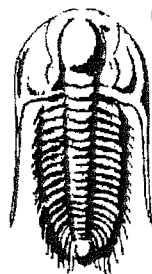
Greenleaf Ranch #1-8

8-28s-6w

DST # 1

Indian Cave

2005.03.03



**TRILOBITE  
TESTING, INC.**

### DRILL STEM TEST REPORT

Prepared For: **American Energies Corp.**

155 N. Market  
Ste. 710  
Wichita, KS 67202

ATTN: Dave Goldak

**8-28s-6w**

#### **Greenleaf Ranch #1-8**

Start Date: 2005.03.03 @ 21:28:26

End Date: 2005.03.04 @ 04:18:56

Job Ticket #: 21869      DST #: 1

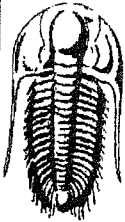
*NE NE NW  
330 FNL 2310 FWL  
15-095-21950*

RECEIVED  
KANSAS CORPORATION COMMISSION

DEC 11 2007

CONSERVATION DIVISION  
WICHITA, KS

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

American Energies Corp.

155 N. Market  
Ste. 710  
Wichita, KS 67202  
ATTN: Dave Goldak

**Greenleaf Ranch #1-8**

**8-28s-6w**

Job Ticket: 21869

**DST#: 1**

Test Start: 2005.03.03 @ 21:28:26

## GENERAL INFORMATION:

Formation: **Indian Cave**  
Deviated: **No** Whipstock: **ft (KB)**  
Time Tool Opened: 23:23:41  
Time Test Ended: 04:18:56

Test Type: **Conventional Bottom Hole**  
Tester: **Davy Cline**  
Unit No: **24**

Interval: **1856.00 ft (KB) To 1924.00 ft (KB) (TVD)**  
Total Depth: **1924.00 ft (KB) (TVD)**  
Hole Diameter: **7.88 inches** Hole Condition:

Reference Elevations: **1502.00 ft (KB)**  
**1497.00 ft (CF)**  
KB to GR/CF: **5.00 ft**

**Serial #: 6753**

**Inside**

Press@RunDepth: **282.96 psig @ 1868.00 ft (KB)**

Start Date: **2005.03.03**

End Date:

**2005.03.04**  
**04:18:56**

Capacity: **7000.00 psig**

Last Calib.: **2005.03.04**

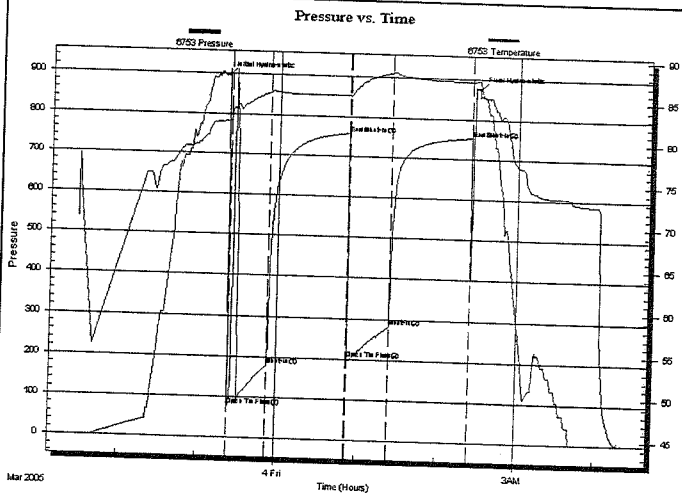
Start Time: **21:28:27**

End Time:

Time On Btm: **2005.03.03 @ 23:20:26**

Time Off Btm: **2005.03.04 @ 02:29:56**

**TEST COMMENT:** IF: Fair to Strong blow . BOB 50 sec.  
IS: Bled off. Weak 1 in. blow  
FF: Strong blow . BOB 20 sec. GTS 22 min. TSTM  
FSI: Bled off for 15 min. BOB Blow .



## PRESSURE SUMMARY

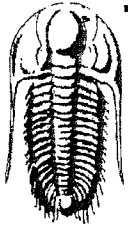
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	896.43	82.01	Initial Hydro-static
4	79.23	82.76	Open To Flow (1)
33	180.69	85.62	Shut-In(1)
92	755.21	85.52	End Shut-In(1)
93	203.16	85.38	Open To Flow (2)
124	282.96	88.26	Shut-In(2)
184	751.47	87.39	End Shut-In(2)
190	875.07	87.47	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
250.00	SI GCMV 55%w 45%m	2.50
200.00	SI GCMV 70%w 30%m	2.05
108.00	SI GCMV 95%w 5%m	1.11
0.00	Gas in all fluid free pipe.	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

TOOL DIAGRAM

American Energies Corp.

**Greenleaf Ranch #1-8**

155 N. Market  
Ste. 710  
Wichita, KS 67202  
ATTN: Dave Goldak

**8-28s-6w**

Job Ticket: 21869      **DST#: 1**  
Test Start: 2005.03.03 @ 21:28:26

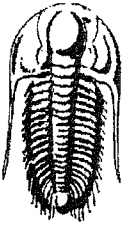
### Tool Information

Drill Pipe:	Length: 1813.00 ft	Diameter: 3.25 inches	Volume: 18.60 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: 30.00 ft	Diameter: 2.88 inches	Volume: 0.24 bbl	Weight to Pull Loose: 70000.00 lb
		Total Volume: 18.84 bbl		Tool Chased 10.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 39000.00 lb
Depth to Top Packer:	1856.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	68.00 ft			
Tool Length:	89.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			1836.00	
Shut In Tool	5.00			1841.00	
Hydraulic tool	5.00			1846.00	
Safety Joint	0.00			1846.00	
Packer	5.00			1851.00	21.00      Bottom Of Top Packer
Packer	5.00			1856.00	
Stubb	1.00			1857.00	
Perforations	10.00			1867.00	
Change Over Sub	1.00			1868.00	
Recorder	0.00	6753	Inside	1868.00	
Blank Spacing	32.00			1900.00	
Change Over Sub	1.00			1901.00	
Perforations	20.00			1921.00	
Recorder	0.00	13400	Outside	1921.00	
Bullnose	3.00			1924.00	68.00      Bottom Packers & Anchor

**Total Tool Length: 89.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

American Energies Corp.

**Greenleaf Ranch #1-8**

155 N. Market  
Ste. 710  
Wichita, KS 67202  
ATTN: Dave Goldak

**8-28s-6w**

Job Ticket: 21869      DST#: 1

Test Start: 2005.03.03 @ 21:28:26

### 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: 58000 ppm	
Viscosity: 43.00 sec/qt	Cushion Volume: bbl		
Water Loss: in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.15 ohm.m	Gas Cushion Pressure: psig		
Salinity: 97000.00 ppm			
Filter Cake: inches			

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
250.00	SI GCMW 55%w 45%m	2.499
200.00	SI GCMW 70%w 30%m	2.052
108.00	SI GCMW 95%w 5%m	1.108
0.00	Gas in all fluid free pipe.	0.000

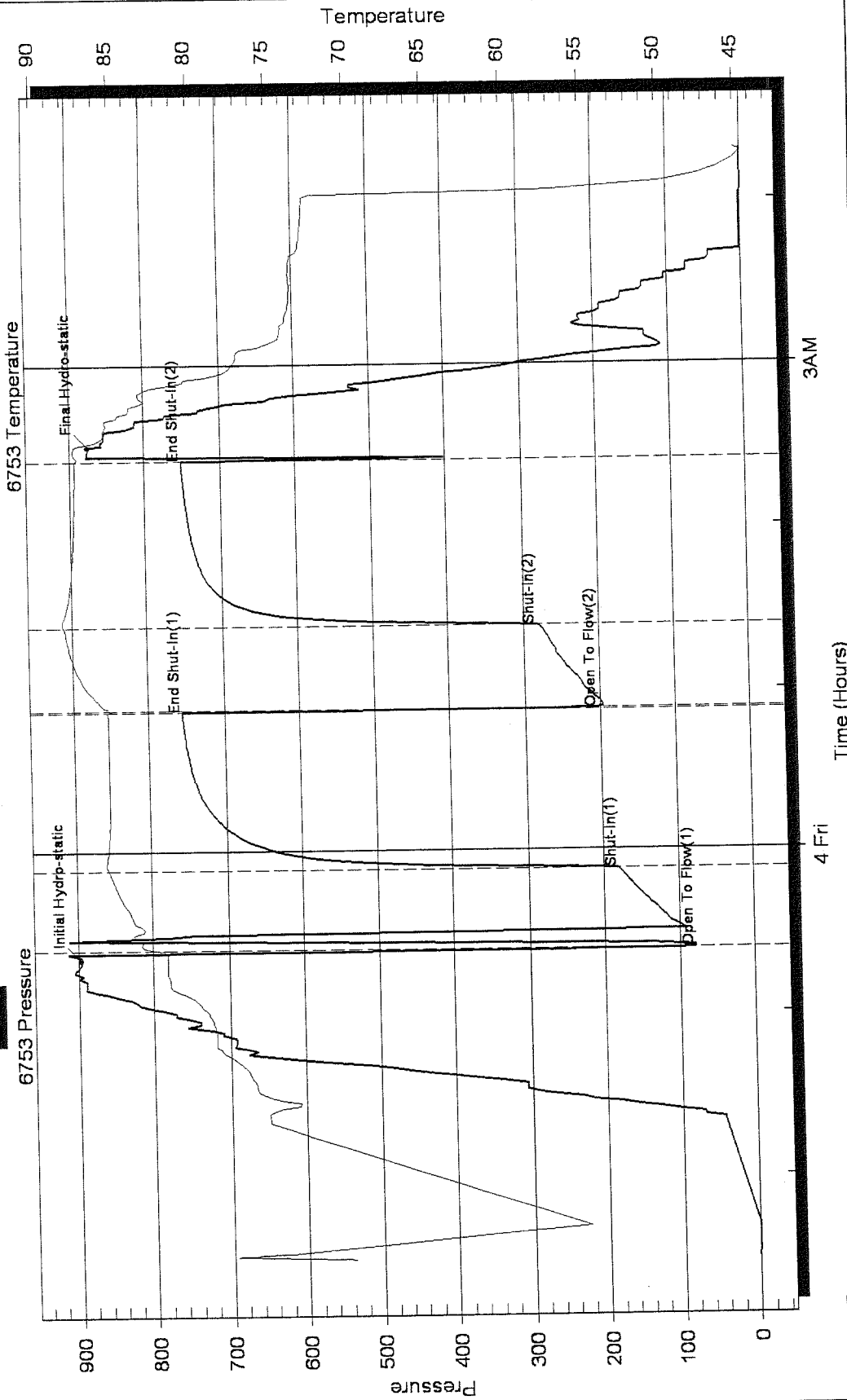
Total Length: 558.00 ft      Total Volume: 5.659 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments: Water- 15 ohms @ 55de

# Pressure vs. Time

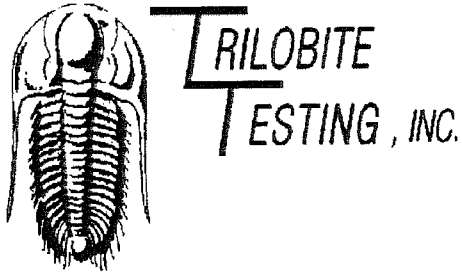


Mar 2005

3AM

Time (Hours)

4 Fri



## DRILL STEM TEST REPORT

Prepared For: **American Energies Corp.**

155 N. Market  
Ste. 710  
Wichita, KS 67202

ATTN: Dave Goldak

**8-28s-6w**

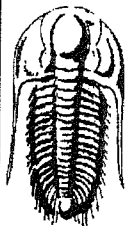
### **Greenleaf Ranch #1-8**

Start Date: 2005.03.07 @ 19:50:24

End Date: 2005.03.08 @ 05:09:39

Job Ticket #: 21084                      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

American Energies Corp.

**Greenleaf Ranch #1-8**

155 N. Market  
Ste. 710  
Wichita, KS 67202  
ATTN: Dave Goldak

**8-28s-6w**

Job Ticket: 21084      **DST#: 2**  
Test Start: 2005.03.07 @ 19:50:24

### GENERAL INFORMATION:

Formation: **Mississippi**  
Deviated: **No** Whipstock:                      ft (KB)  
Time Tool Opened: 23:33:39  
Time Test Ended: 05:09:39

Test Type: Conventional Bottom Hole  
Tester: Jake Fahrenbruch  
Unit No: 19

Interval: **3859.00 ft (KB) To 3866.00 ft (KB) (TVD)**  
Total Depth: 3866.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1502.00 ft (KB)  
1497.00 ft (CF)  
KB to GR/CF: 5.00 ft

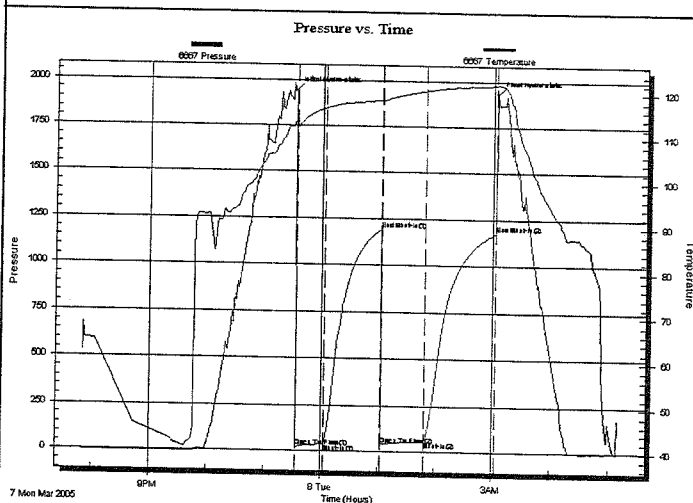
**Serial #: 6667**

Inside

Press@RunDepth: 59.22 psig @ 3860.00 ft (KB)  
Start Date: 2005.03.07      End Date: 2005.03.08  
Start Time: 19:50:29      End Time: 05:09:39

Capacity: 7000.00 psig  
Last Calib.: 2002.03.08  
Time On Btrm: 2005.03.07 @ 23:31:24  
Time Off Btrm: 2005.03.08 @ 03:03:39

**TEST COMMENT:** IF: Fair blow . BOB 5min 20sec. No GTS.  
IS: Bled off 5min. No blow .  
FF: Weak blow . BOB 19min. No GTS.  
FSI: Bled off 5min. No blow .



### PRESSURE SUMMARY

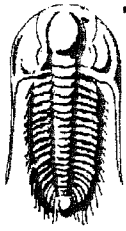
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1939.19	113.37	Initial Hydro-static
3	23.43	112.28	Open To Flow (1)
32	38.23	116.59	Shut-In(1)
91	1193.02	118.49	End Shut-In(1)
92	35.71	118.17	Open To Flow (2)
138	59.22	120.65	Shut-In(2)
212	1176.04	121.97	End Shut-In(2)
213	1930.82	122.26	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
60.00	MMV 80%w 20%rn	0.57
30.00	OSMV 3%o 55%w 42%rn	0.42
0.00	530' GIP	0.00

### Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

American Energies Corp.

**Greenleaf Ranch #1-8**

155 N. Market

**8-28s-6w**

Ste. 710

Job Ticket: 21084

**DST#: 2**

Wichita, KS 67202

Test Start: 2005.03.07 @ 19:50:24

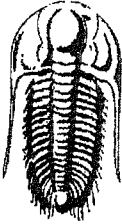
ATTN: Dave Goldak

**Tool Information**

Drill Pipe:	Length: 3823.00 ft	Diameter: 3.80 inches	Volume: 53.63 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: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 55000.00 lb
		<u>Total Volume:</u>	<u>53.78 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	3859.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	7.00 ft			
Tool Length:	30.00 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			3841.00	
Hydraulic tool	5.00			3846.00	
Safety Joint	3.00			3849.00	
Packer	5.00			3854.00	23.00 Bottom Of Top Packer
Packer	5.00			3859.00	
Stubb	1.00			3860.00	
Recorder	0.00	6667	Inside	3860.00	
Perforations	3.00			3863.00	
Recorder	0.00	11019		3863.00	
Bullnose	3.00			3866.00	7.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>30.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

American Energies Corp.

**Greenleaf Ranch #1-8**

155 N. Market  
Ste. 710  
Wichita, KS 67202  
ATTN: Dave Goldak

**8-28s-6w**

Job Ticket: 21084

**DST#: 2**

Test Start: 2005.03.07 @ 19:50:24

## Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 43.00 sec/qt

Water Loss: 13.59 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 7500.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

deg API

Water Salinity: 40000 ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	MW 80%w 20%m	0.568
30.00	OSMW 3%o 55%w 42%m	0.421
0.00	530' GIP	0.000

Total Length: 90.00 ft      Total Volume: 0.989 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

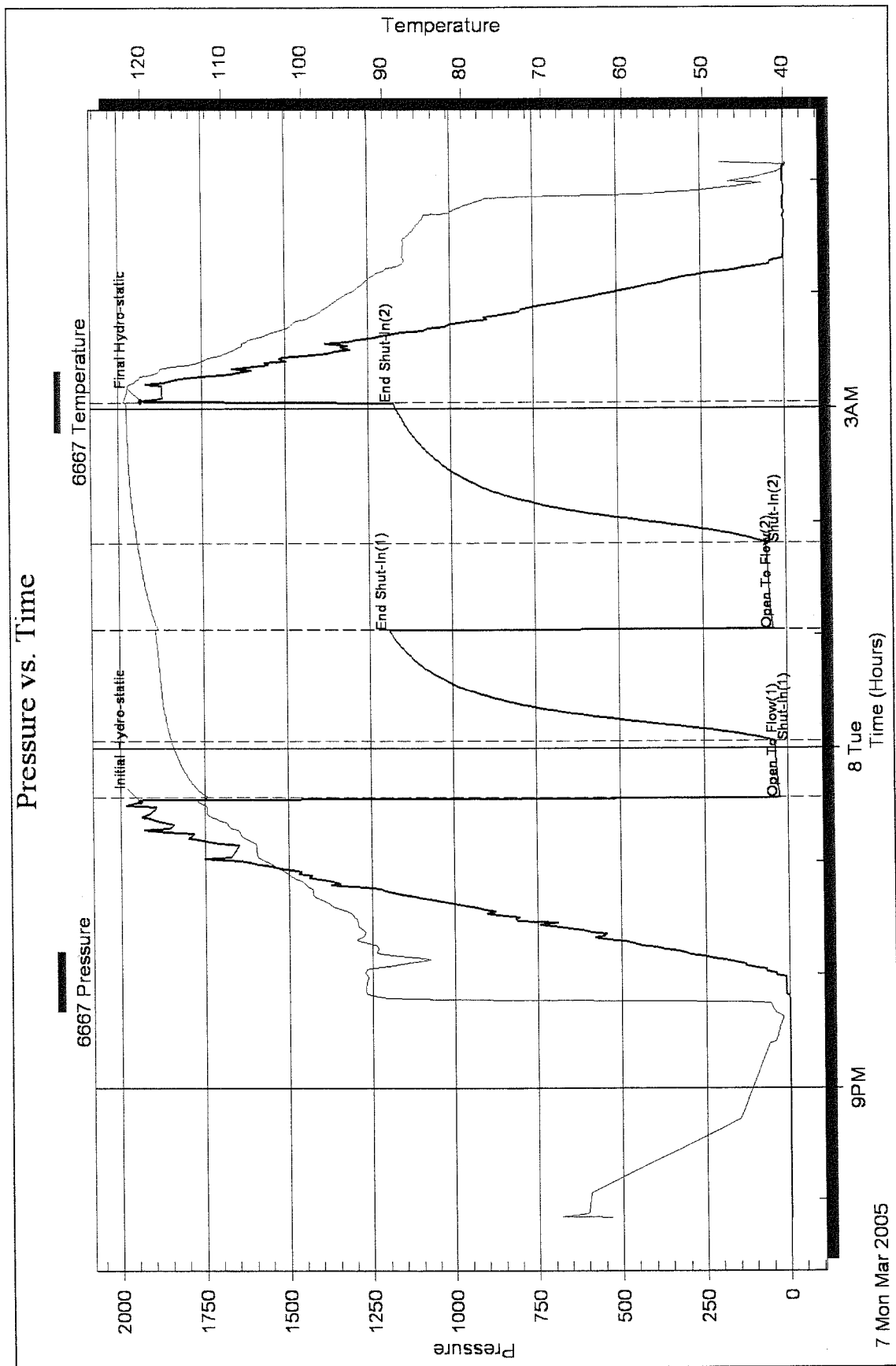
Serial #:

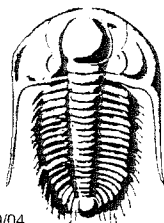
Laboratory Name:

Laboratory Location:

Recovery Comments: Rw .18@72

# Pressure vs. Time





# TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 21869

## Test Ticket

Well Name & No. Greenleaf Ranch #1-8 Test No. 1 Date 3-3-05  
 Company American Energetics Corp Zone Tested Indian Cave  
 Address 155 N. Market Ste. 710 Wichita, KS 67202 Elevation 1502 KB 1497 GL  
 Dr. Rep / Geo. Dave Goldak Cont. Pickrell Drilling #1 Est. Ft. of Pay — Por. — %  
 Location: Sec. 8 Twp. 28 S Rge. 6W Co. Kingman State KS  
 No. of Copies 5 Distribution Sheet (Y, N) — Turnkey (Y, N) — Evaluation (Y, N) —

Interval Tested 1856 - 1924 Initial Str Wt./Lbs. 39,000 Unseated Str Wt/Lbs. 40,000  
 Anchor Length 68' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 70,000  
 Top Packer Depth 1851 Tool Weight 2100  
 Bottom Packer Depth 1856 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓  
 Total Depth 1924 Wt. Pipe Run — Drill Collar Run 30'  
 Mud Wt. — LCM — Vis. — WL — Drill Pipe Size 4 1/2" XH Ft. Run 1813

Mud Description: FF! Fair to Strong blow. BOB 50sec.  
ESI! Bled off. Weak lunch blow.  
FF! Strong blow. BOB 20sec. GTS 22min. TSTM  
SI! Bled off for 15min. BOB blow.

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>250</u>	<u>yes</u>	<u>30</u>	<u>528</u>
<u>250</u> Feet of <u>SGCWM</u>	%gas	%oil	<u>55</u> %water <u>45</u> %mud
<u>200</u> Feet of <u>SGCMW</u>	%gas	%oil	<u>50</u> %water <u>45</u> %mud
<u>108</u> Feet of <u>SECMW</u>	%gas	%oil	<u>70</u> %water <u>30</u> %mud
<u>87</u> Feet of <u>—</u>	%gas	%oil	<u>95</u> %water <u>5</u> %mud

API 87 °F Gravity — °API D @ — °F Corrected Gravity — °API  
 V 150hrs @ 55 °F Chlorides 58,000 ppm Recovery — Chlorides — ppm System

AK-1	Alpine	Recorder No.	Test
Initial Hydrostatic Mud	<u>896</u> PSI	<u>6753</u>	<u>✓</u> <u>900</u>
First Initial Flow Pressure	<u>79</u> PSI	<u>1868</u>	Jars <u>—</u>
First Final Flow Pressure	<u>181</u> PSI	<u>13400</u>	Safety Jt. <u>✓</u> <u>50</u>
Initial Shut-In Pressure	<u>755</u> PSI	<u>1921</u>	Circ Sub <u>✓</u> <u>35</u>
Second Initial Flow Pressure	<u>203</u> PSI		Sampler <u>—</u>
Second Final Flow Pressure	<u>283</u> PSI		Straddle <u>—</u>
Final Shut-In Pressure	<u>751</u> PSI	<b>Initial Opening</b> <u>30</u>	Ext. Packer <u>—</u>
Final Hydrostatic Mud	<u>875</u> PSI	Initial Shut-In <u>60</u>	Shale Packer <u>—</u>
		Final Flow <u>30</u>	Ruined Packer <u>—</u>
		Final Shut-In <u>60</u>	Mileage <u>✓</u> <u>90 total</u> <u>90</u>

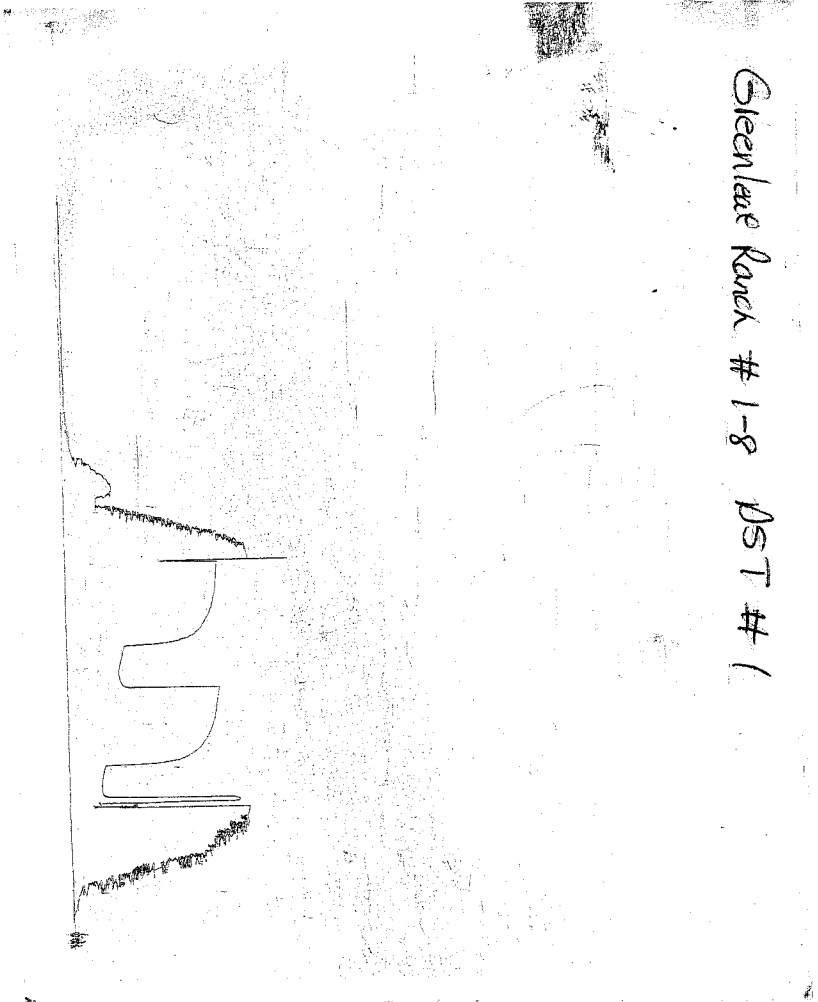
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST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

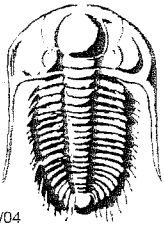
Approved By Dave Goldak T-Open 23:23 Other —  
 Dr. Representative Danny Cline T-Pulled 02:25 Total: —  
 T-Out 04:15

**CHART PAGE**

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

*Greenleaf Ranch # 1-8 DST # 1*





# TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 21084

## Test Ticket

Well Name & No. Greenleaf #1-8 Test No. 2 Date 3-7-05  
 Company American Energies Corp. Zone Tested Mississippi  
 Address 155 N. Market Suite 710 Wichita, KS 67202 Elevation 1502 KB 1497 GL  
 Rep/Geo. Dave Goldak Cont. Pickerell Rig #1 Est. Ft. of Pay \_\_\_\_\_ Por. \_\_\_\_\_ %  
 Location: Sec. 8 Twp. 28S Rge. 6W Co. Kingman State KS  
 No. of Copies \_\_\_\_\_ Distribution Sheet (Y, N) \_\_\_\_\_ Turnkey (Y, N) \_\_\_\_\_ Evaluation (Y, N) \_\_\_\_\_

Interval Tested 3859 - 3866 Initial Str Wt./Lbs. 54000 Unseated Str Wt./Lbs. 54000  
 Choker Length 7' Wt. Set Lbs. 20000 Wt. Pulled Loose/Lbs. 55000  
 Packer Depth 3854 Tool Weight 2100  
 Bottom Packer Depth 3859 Hole Size 7 7/8" Rubber Size 6 3/4"  
 Total Depth 3866 Wt. Pipe Run \_\_\_\_\_ Drill Collar Run 30'  
 Mud Wt. 9.2 LCM \_\_\_\_\_ Vis. 43 WL 13.6 Drill Pipe Size 4 1/2 XH Ft. Run 3823

Flow Description IF: Fair blow. BOB 5min 20sec. NO GTS  
SI: Bled off 5min. No blow.  
F: Weak blow. BOB 19min. No GTS  
SI: Bled off 5min. No blow

Interval	Feet	GIP	Ft. in DC	Ft. in DP	%gas	%oil	%water	%mud
c. <u>60</u>	Feet of <u>MW</u>	<u>530</u>	<u>30</u>	<u>60</u>		<u>80</u>	<u>20</u>	
c. <u>30</u>	Feet of <u>OSMW</u>				<u>3</u>	<u>55</u>	<u>42</u>	
c. _____	Feet of _____							
c. _____	Feet of _____							
c. _____	Feet of _____							

API Gravity \_\_\_\_\_ °API D @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
 Viscosity 18 @ 72 °F Chlorides 40000 ppm Recovery \_\_\_\_\_ Chlorides 7500 ppm System

Pressure Type	AK-1	Alpine	Recorder No.	Test
Initial Hydrostatic Mud	<u>1939</u>	PSI	<u>6667</u>	✓
First Initial Flow Pressure	<u>23</u>	PSI	(depth) <u>3860</u>	Jars _____
First Final Flow Pressure	<u>38</u>	PSI	Recorder No. <u>11019</u>	Safety Jt. ✓
Initial Shut-In Pressure	<u>1193</u>	PSI	(depth) <u>3863</u>	Circ Sub ✓ <u>NC</u>
Second Initial Flow Pressure	<u>36</u>	PSI	Recorder No. <u>NA</u>	Sampler _____
Second Final Flow Pressure	<u>59</u>	PSI	(depth) <u>NA</u>	Straddle _____
Final Shut-In Pressure	<u>1176</u>	PSI	Initial Opening <u>30</u>	Ext. Packer _____
Final Hydrostatic Mud	<u>1931</u>	PSI	Initial Shut-In <u>60</u>	Shale Packer _____

Final Flow 45 Ruined Packer \_\_\_\_\_  
 Final Shut-In 75 Mileage 104  
 T-On Location 18:30 Sub Total: \_\_\_\_\_  
 T-Started 19:50 Std. By \_\_\_\_\_  
 T-Open 23:13 Other \_\_\_\_\_  
 T-Pulled 2:43 Total: \_\_\_\_\_  
 T-Out 4:50

Approved By [Signature]  
 Well Representative [Signature]

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