

Computer inventory

ORIGINAL

**WELL NAME:** #1 Anthony "A"  
**COMPANY:** American Energies, Corp.  
**LOCATION:** 34-30s-10w  
Kingman co Kansas  
**DATE:** 8/11/00

RECEIVED  
CONSERVATION COMMISSION

8/11/00 2 2000

CONSERVATION DIVISION  
Wichita, Kansas

TRILOBITE TESTING L.L.C.

ORIGINAL

OPERATOR : American Energies, Corp  
 WELL NAME: #1 Anthony"A"  
 LOCATION : 34-30s-10w Kingman co KS  
 INTERVAL : 4162.00 To 4203.00 ft

DATE 08/06/200  
 KB 1711.00 ft TICKET NO: 12816 DST #1  
 GR 1706.00 ft FORMATION: Swope  
 TD 4203.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13805	13805	2350			PF Fr. 0140 to 0210 hr
SI 60 Range(Psi )	4250.0	4250.0	4995.0	0.0	0.0	IS Fr. 0210 to 0310 hr
SF 30 Clock(hrs)	12hr.	12hr.	elec.			SF Fr. 0310 to 0340 hr
FS 30 Depth(ft )	4200.0	4200.0	4171.0	0.0	0.0	FS Fr. 0340 to 0410 hr

	Field	1	2	3	4	
A. Init Hydro	2079.0	2063.0	2067.0	0.0	0.0	T STARTED 2333 hr
B. First Flow	43.0	11.0	29.0	0.0	0.0	T ON BOTM 0137 hr
B1. Final Flow	65.0	54.0	65.0	0.0	0.0	T OPEN 0140 hr
C. In Shut-in	1556.0	1547.0	1560.0	0.0	0.0	T PULLED 0410 hr
D. Init Flow	97.0	90.0	65.0	0.0	0.0	T OUT hr
E. Final Flow	97.0	90.0	93.0	0.0	0.0	
F. Fl Shut-in	1427.0	1425.0	1456.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2090.0	2074.0	2029.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 70000.00 lbs
						Initial Str Wt 58000.00 lbs
						Unseated Str Wt 58000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 241.83 ft
						D.P. Length 3926.27 ft

RECOVERY

Tot Fluid 130.00 ft of 130.00 ft in DC and 0.00 ft in DP  
 130.00 ft of Heavy mud cut water  
 0.00 ft of 70% water 30% mud  
 0.00 ft of  
 0.00 ft of

SALINITY 18000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:  
 Weak blow built to 1" in H2O bucket.  
 Initial Shut-In:  
 Bled down for 2 minutes. No blow back

Final Flow:  
 Weak blow built to 1/4" in H2O.

Final Shut-In:  
 No blow back.

SAMPLES:  
 SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.20 lb/c
Vis.	46.00 S/L
W.L.	11.20 in3
F.C.	0.32 in
Mud Drop N	

Amt. of fill	0.00 ft
Btm. H. Temp.	124.00 F
Hole Condition	good
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00 n
Cushion Type	none
Reversed Out N	
Tool Chased N	
Tester	Darren L.Amerine
Co. Rep.	Dave Goldak
Contr.	Mallard
Rig #	2
Unit #	none
Pump T.	none

Test Successful: Y

\*\*\* TOOL DIAGRAM \*\*\* CONVENTIONAL

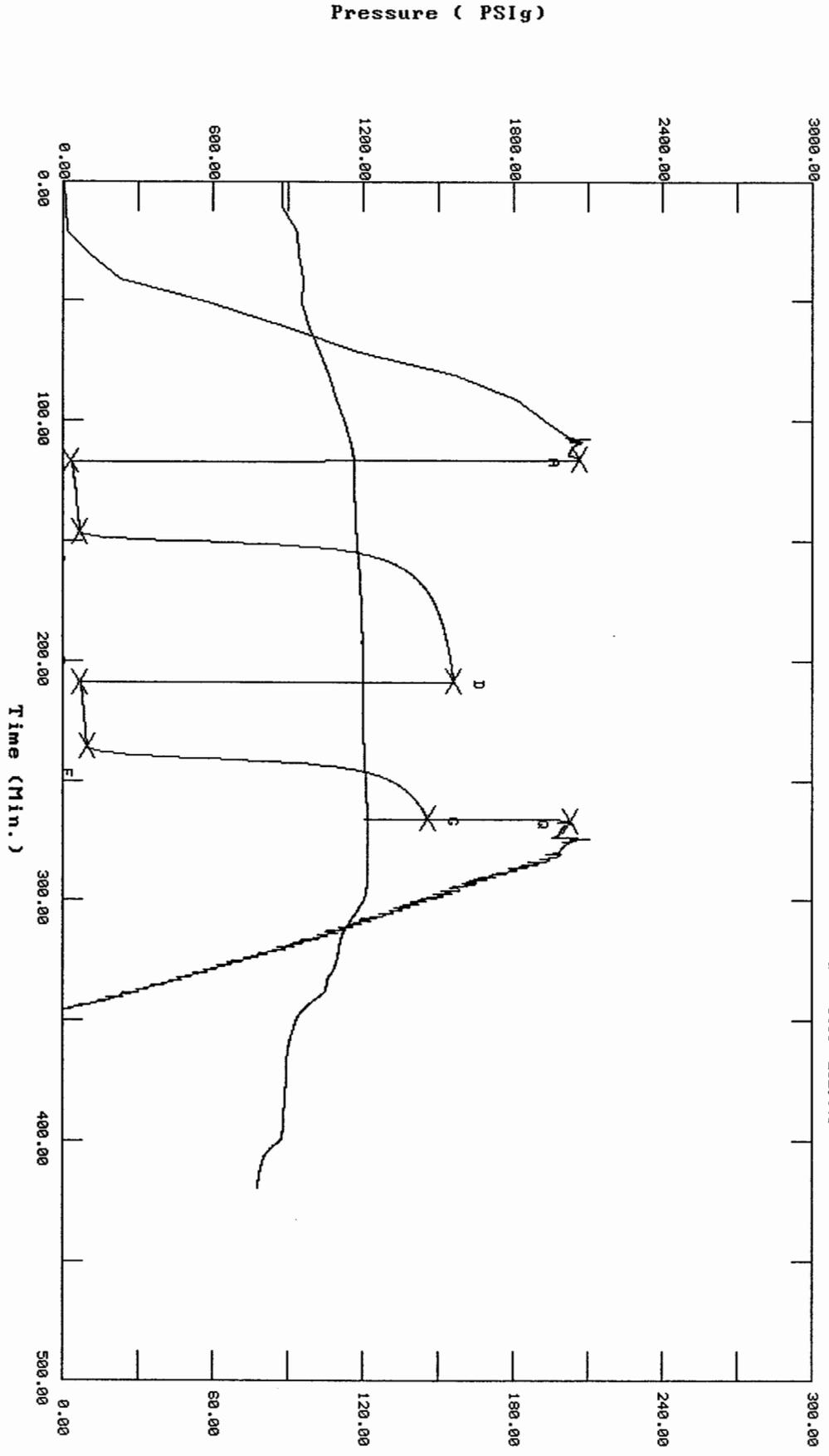
WELL NAME: #1 Anthony"A"	H	P.O. SUB Top of tool @	4135
	H	C.O. SUB	4136
LOCATION : 34-30s-10w Kingman co KS	H	S.I. TOOL	4141
TICKET No. 12816 D.S.T. No. 1 DATE 08/06/200	H		
TOTAL TOOL TO BOTTOM OF TOP PACKERS ..... 28	H		
INTERVAL TOOL .....	H	HMV	4146
BOTTOM PACKERS AND ANCHOR ..... 10	H	JARS	4151
TOTAL TOOL ..... 38	H		
DRILL COLLAR ANCHOR IN INTERVAL .....	H		
D.C. ANCHOR STND.Stands Single Total	H		
D.P. ANCHOR STND.Stands Single 1 Total 31	H	SAFETY JOINT	4153
TOTAL ASSEMBLY ..... 69	H	PACKER	4157
D.C. ABOVE TOOLS.Stands4 Single Total 241.83	H	PACKER	4162
D.P. ABOVE TOOLS.Stands63 Single Total 3924.27	H	DEPTH 4162	
	H	1'to	4163
	H	ANCHOR 5'of perms.to	4168
TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4235.10	H		
	H	Alpine rec. @ 4171	
TOTAL DEPTH ..... 4203.10	H		
TOTAL DRILL PIPE ABOVE K.B. .... 32	H		
REMARKS:	H	31'of drillpipe to	4199
	H		
	H		
	H		
	H		
	H		
	H		
	H		
	H		
	H		
	H	Ak-1 rec.@ 4200	
	H		
	H		
	H	BULLNOSE 4'bullnose to	4203
	H	T.D.	

TK#12816 DST#1 Anthony#1-'A' American Energies, Corp.

# TEST HISTORY

Flag Points  
 t(Min.) P(PSig)

R1	0.00	2067.30
B1	0.00	29.11
C1	29.50	64.70
D1	62.00	1560.38
E1	0.00	64.62
F1	26.75	93.30
G1	30.00	1455.89
Q1	0.00	2029.45

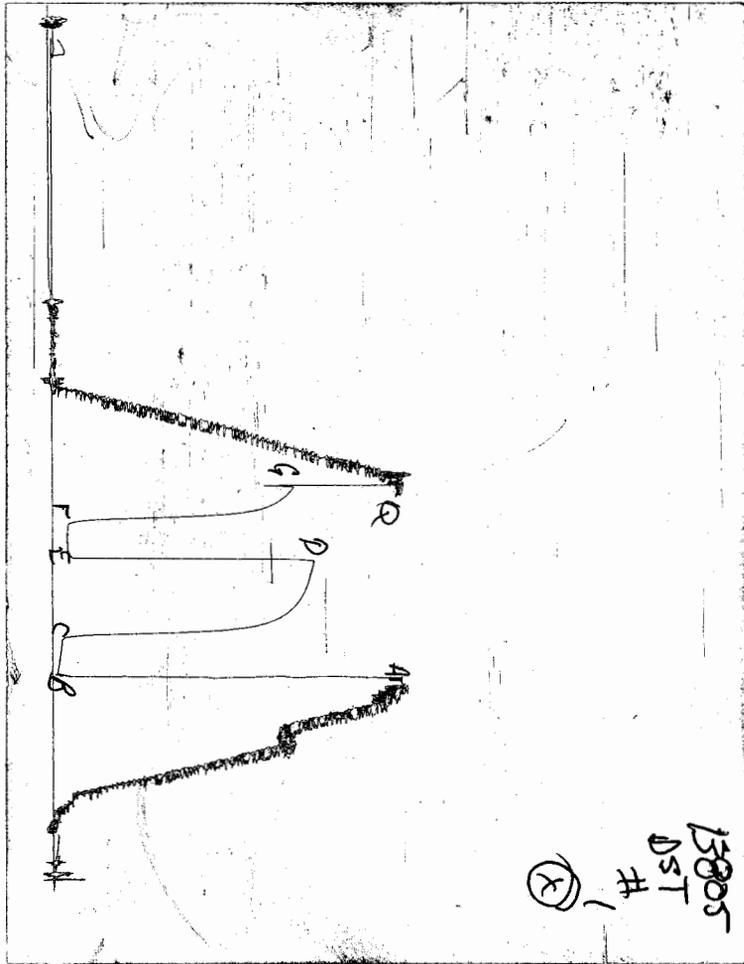


Pressure ( PSig )

Temperature ( DEG F )

Time ( Min. )

CHART PAGE



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

# TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

## Test Ticket

N<sup>o</sup> 12816

Well Name & No. <u>#1 Anthony "A"</u>	Test No. <u>#1</u>	Date <u>08/06/2000</u>
Company <u>American Energies</u>	Zone Tested <u>Slope</u>	
Address <u>155 N. Market Suite 710 Wichita, KS 67202</u>	Elevation <u>1711'</u>	KB <u>1706</u> GL
Co. Rep / Geo. <u>Dave Goldak</u>	Cont. <u>Mallard #2</u>	Est. Ft. of Pay <u>    </u> Por. <u>    </u> %
Location: Sec. <u>34</u>	Twp. <u>30S</u>	Rge. <u>10 W</u> Co. <u>Kingman</u> State <u>KS</u>
No. of Copies <u>5</u>	Distribution Sheet (Y, N) <u>    </u>	Turnkey (Y, N) <u>    </u> Evaluation (Y, N) <u>    </u>

Interval Tested <u>4162' - 4203'</u>	Initial Str Wt./Lbs. <u>58,000</u>	Unseated Str Wt./Lbs. <u>58,000</u>
Anchor Length <u>41'</u>	Wt. Set Lbs. <u>20,000</u>	Wt. Pulled Loose/Lbs. <u>20,000</u>
Top Packer Depth <u>4157'</u>	Tool Weight <u>2100</u>	
Bottom Packer Depth <u>4162'</u>	Hole Size — 7 7/8" <input checked="" type="checkbox"/>	Rubber Size — 6 3/4" <input checked="" type="checkbox"/>
Total Depth <u>4203'</u>	Wt. Pipe Run <u>N/A</u>	Drill Collar Run <u>241.83</u>
Mud Wt. <u>9.2</u> LCM Trace Vis. <u>46</u> WL <u>11.6</u>	Drill Pipe Size <u>4 1/2 x 4</u>	Ft. Run <u>3925.27</u>
Blow Description <u>FF: Weak blow built to 1" in 1720 bucket</u>		
<u>ISI: Bled down for 2 mins. No blow back</u>		
<u>FF: Weak blow built to 1/4" in 1720 bucket</u>		
<u>FST: No blow back</u>		

Recovery — Total Feet <u>130'</u>	GIP <u>    </u>	Ft. in DC <u>130'</u>	Ft. in DP <u>    </u>
Rec. <u>130</u> Feet Of <u>HMCW</u>	%gas <u>    </u>	%oil <u>    </u>	%water <u>70</u> %mud <u>30</u>
Rec. <u>    </u> Feet Of <u>    </u>	%gas <u>    </u>	%oil <u>    </u>	%water <u>    </u> %mud <u>    </u>
Rec. <u>    </u> Feet Of <u>    </u>	%gas <u>    </u>	%oil <u>    </u>	%water <u>    </u> %mud <u>    </u>
Rec. <u>    </u> Feet Of <u>    </u>	%gas <u>    </u>	%oil <u>    </u>	%water <u>    </u> %mud <u>    </u>
BHT <u>124°</u>	°F Gravity <u>    </u>	°API D@ <u>    </u>	°F Corrected Gravity <u>    </u> °API <u>    </u>
RW <u>.4</u>	@ <u>72</u> °F Chlorides <u>1800</u>	ppm Recovery <u>    </u>	Chlorides <u>5300</u> ppm System <u>    </u>

	AK-1	Alpine			
(A) Initial Hydrostatic Mud	<u>2079</u>	<u>2067</u>	PSI	Recorder No. <u>2350</u>	T-On Location <u>2300</u>
(B) First Initial Flow Pressure	<u>43</u>	<u>29</u>	PSI	(depth) <u>4171'</u>	T-Started <u>2333</u>
(C) First Final Flow Pressure	<u>65</u>	<u>65</u>	PSI	Recorder No. <u>13805</u>	T-Open <u>0140</u>
(D) Initial Shut-In Pressure	<u>1536</u>	<u>1560</u>	PSI	(depth) <u>4200'</u>	T-Pulled <u>0710</u>
(E) Second Initial Flow Pressure	<u>97</u>	<u>65</u>	PSI	Recorder No. <u>    </u>	T-Out <u>0630</u>
(F) Second Final Flow Pressure	<u>97</u>	<u>93</u>	PSI	(depth) <u>    </u>	T-Off Location <u>0730</u>
(G) Final Shut-in Pressure	<u>1427</u>	<u>1456</u>	PSI	Initial Opening <u>30</u>	Test <input checked="" type="checkbox"/>
(Q) Final Hydrostatic Mud	<u>2090</u>	<u>2029</u>	PSI	Initial Shut-in <u>60</u>	Jars <input checked="" type="checkbox"/>
				Final Flow <u>30</u>	Safety Joint <input checked="" type="checkbox"/>
				Final Shut-in <u>50</u>	Straddle <u>    </u>

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE 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

Our Representative Darren Conerino

Elec. Rec.   
 Mileage 38 mile  
 Other       
 TOTAL PRICE \$

TRILOBITE TESTING L.L.C.

OPERATOR : American Energies, Corp. DATE 08/07/200  
 WELL NAME: #1 Anthony"A" KB 1711.00 ft TICKET NO: 12817 DST #2  
 LOCATION : 34-30s-10w Kingman co KS GR 1706.00 ft FORMATION: Mississippian  
 INTERVAL : 4361.00 To 4423.00 ft TD 4423.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13805	13805	2350			PF Fr. 0545 to 0615 hr
SI 60 Range(Psi )	4250.0	4250.0	4995.0	0.0	0.0	IS Fr. 0615 to 0715 hr
SF 60 Clock(hrs)	12hr.	12hr.	elec.			SF Fr. 0715 to 0815 hr
FS 90 Depth(ft )	4420.0	4420.0	4367.0	0.0	0.0	FS Fr. 0815 to 0945 hr

	Field	1	2	3	4	
A. Init Hydro	2293.0	2236.0	2221.0	0.0	0.0	T STARTED 0308 hr
B. First Flow	323.0	337.0	247.0	0.0	0.0	T ON BOTM 0542 hr
B1. Final Flow	269.0	267.0	209.0	0.0	0.0	T OPEN 0545 hr
C. In Shut-in	1481.0	1480.0	1453.0	0.0	0.0	T PULLED 0945 hr
D. Init Flow	237.0	239.0	166.0	0.0	0.0	T OUT 1130 hr
E. Final Flow	216.0	219.0	171.0	0.0	0.0	
F. Fl Shut-in	1276.0	1275.0	1244.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2282.0	2298.0	1082.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 70000.00 lbs
						Initial Str Wt 58000.00 lbs
						Unseated Str Wt 60000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 241.83 ft
						D.P. Length 4142.17 ft

RECOVERY

Tot Fluid 361.00 ft of 241.83 ft in DC and 119.17 ft in DP  
 3992.00 ft of Gas in pipe.  
 120.00 ft of Slightly gas cut mud  
 0.00 ft of 10% gas 90% mud  
 241.00 ft of Heavy gas cut watery mud  
 0.00 ft of 35% gas 40% water 25% mud  
 0.00 ft of  
 0.00 ft of  
 0.00 ft of

SALINITY 25000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:  
 Strong blow built to bottom of bucket  
 in 30 seconds. Gas to surface in 5  
 minutes. Gauge gas.

Initial Shut-In:  
 Bled down for 10 minutes. No blow  
 back.

Final Flow:  
 Strong blow bottom of bucket in 10  
 seconds. Gauge gas.

Final Shut-In:  
 Bled down for  
 back.

SAMPLES: Caraway Analytical 728 N.Roosevelt  
 SENT TO: Liberal, Ks. 67901

Test Successful: Y

MUD DATA-----

Mud Type	Chemical
Weight	9.30 lb/c
Vis.	48.00 S/L
W.L.	11.60 in3
F.C.	0.32 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	130.00 F
Hole Condition	Good
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00 n
Cushion Type	none
Reversed Out N	
Tool Chased N	
Tester	Darren L. Amerine
Co. Rep.	Dave Goldak
Contr.	Mallard
Rig #	2
Unit #	none
Pump T.	none

GAS RECOVERY  
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COMPANY: American Energies, Corp. DATE: 08/07/200  
WELL NAME: #1 Anthony"A" KB Elev: 1711.00 ft TICKET #12817 DST #2  
WELL LOCATION: 34-30s-10w Kingman co KS GR Elev: 1706.00 ft FORMATION: Mississippian  
INTERVAL Fr.: 4361.00 To 4423.00 T.D.: 4423.00 ft TEST TYPE: CONVENTIONAL

GAS RECOVERY MEASURED WITH Merla gauge

\*\*\*\*\* GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
10	0.50	17	0	159000.0

\*\*\*\*\* GAS RATES FOR FLOW #1

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
15	0.50	23	0	193000.0
20	0.50	24	0	200000.0
25	0.50	23	0	193000.0
30	0.50	22	0	189000.0

\*\*\*\*\* GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
5	0.50	43	0	301000.0
10	0.50	55	0	362000.0
15	0.50	53	0	352000.0
20	0.50	47	0	320000.0
25	0.50	45	0	311000.0
30	0.50	43	0	301000.0
35	0.50	37	0	270000.0
40	0.50	35	0	260000.0
45	0.50	33	0	248000.0
50	0.50	33	0	248000.0
55	0.50	32	0	243000.0
60	0.50	32	0	243000.0



# NATURAL GAS ANALYSIS REPORT

Sampled by:

Trilobite Testing, L. L. C.  
Hays, Kansas  
Scott City, Kansas  
Phone: 800-728-5369  
Fax: 913-625-5620

Analyzed by:

Caraway Analytical, Inc  
P. O. Box 2137  
Liberal, Kansas 67905  
Phone: 316-624-5389  
Fax: 316-626-7108

**Lab Number: 20004502      Analyzed: 08/11/00**

Sample From: Anthony A-1 DST 2      Pressure:  
Producer: American Energies      Temperature:

**Date: Location: 34-30-10**

Time:      County: Kiowa  
Sampler:      State: Kansas  
Source:      Formation: Miss

	Mole %	GPM
Helium	He: 0.603	0.000
Hydrogen	H2: 0.016	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 19.019	0.000
Carbon Dioxide	CO2: 0.027	0.000
Methane	C1: 64.264	0.000
Ethane	C2: 7.333	1.961
Propane	C3: 5.709	1.573
Iso Butane	iC4: 0.692	0.226
Normal Butane	nC4: 1.463	0.461
Iso Pentane	iC5: 0.256	0.094
Normal Pentane	nC5: 0.304	0.110
Hexanes Plus	C6+: 0.314	0.137

TOTAL: 100.000      4.563

Z Fact: 0.9973

SP.GR.: 0.7739

BTU (SAT): 1018.4 @ 14.73 psia

BTU (DRY): 1036.4 @ 14.73 psia

**OCTANE RATING: 99.1**

COMMENTS: 0.000

TK#12817 DST#2 #1 Anthony 'A' American Energies, Corp.

# TEST HISTORY

Flag Points

t (Min.)	P (PSig)
R: 0.00	2220.89
B: 0.00	246.82
C: 24.00	209.39
D: 60.00	1452.87
E: 0.00	185.50
F: 54.25	170.53
G: 92.25	1244.14
H: 0.00	2081.91

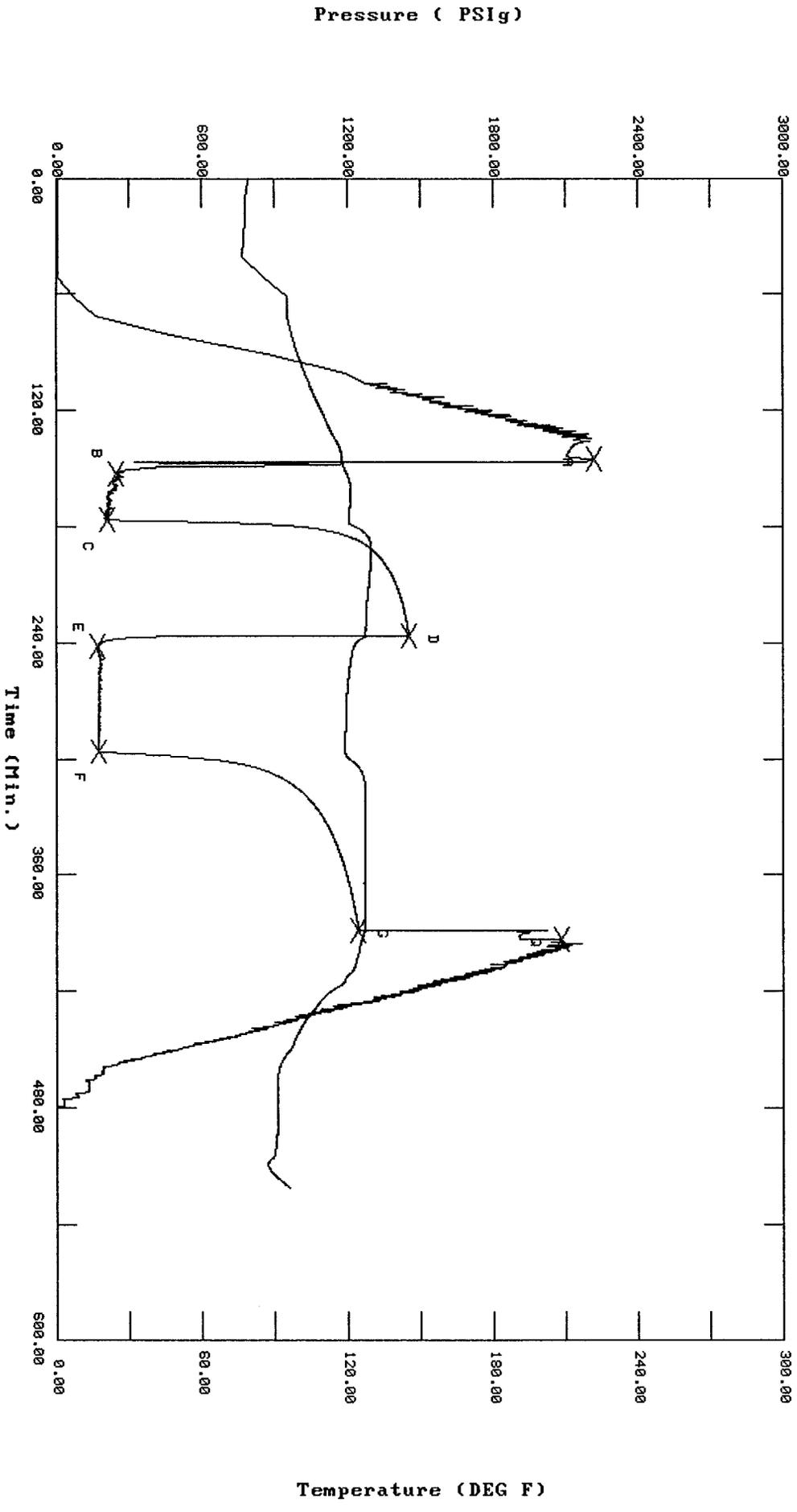
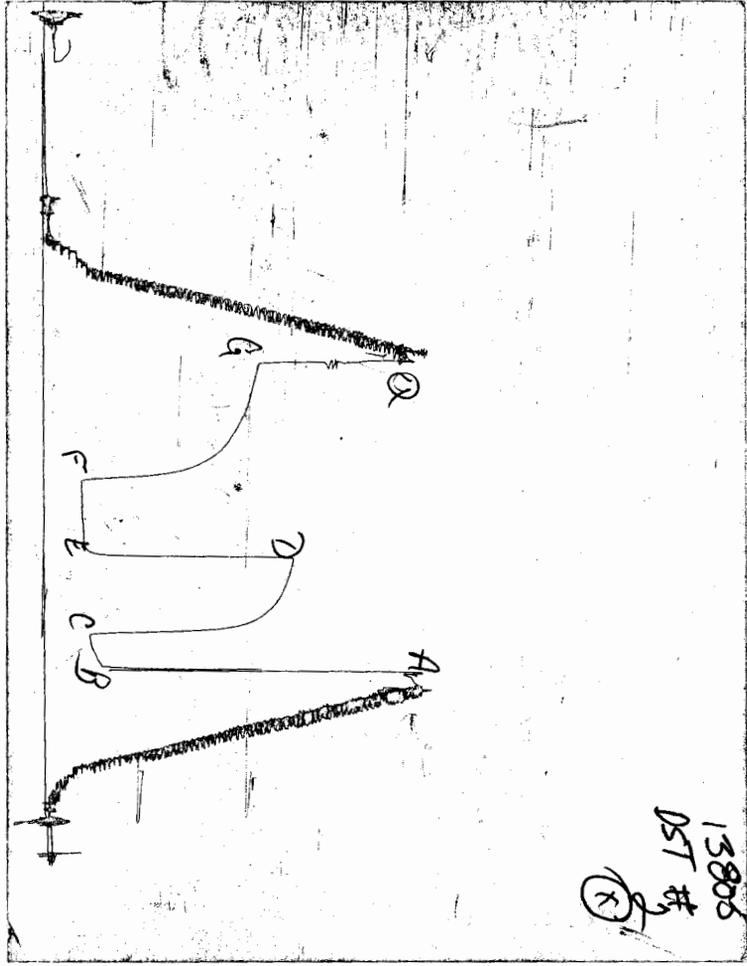


CHART PAGE



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



94495

# TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

## Test Ticket

N<sup>o</sup> 12817

Well Name & No. #1 Anthony "A" Test No. #2 Date 08/07/2000  
 Company American Energies Zone Tested MISS.  
 Address 155 N. Market Suite 710 Wichita, Ks 67202 Elevation 1711 KB 1706 GL  
 Co. Rep / Geo. Dave Goldak Cont. Mallard #2 Est. Ft. of Pay      Por.      %  
 Location: Sec. 34 Twp. 30<sup>S</sup> Rge. 10<sup>W</sup> Co. Kingman State Ks  
 No. of Copies      Distribution Sheet (Y, N)      Turnkey (Y, N)      Evaluation (Y, N)     

Interval Tested 4361 - 4423' Initial Str Wt./Lbs. 58,000 Unseated Str Wt./Lbs. 60,000  
 Anchor Length 62' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 70,000  
 Top Packer Depth 4356' Tool Weight 2100  
 Bottom Packer Depth 4361' Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓  
 Total Depth 4423' Wt. Pipe Run N/A Drill Collar Run 241.83  
 Mud Wt. 9.3 LCM      Vis. 48 WL 11.6 Drill Pipe Size 4 1/2 XH Ft. Run 4142.17

Blow Description IF: Strong blow built to S.O.B. in 30 sec. BTS in 5 min.  
ISI: Bled down for 10 mins. No blow back.  
FF: Strong blow built to S.O.B. in 10 sec. Gauge Dead.  
FST: Bled down for 20 mins. No blow back.

Recovery — Total Feet	GIP	Ft. in DC	Ft. in DP
<u>361'</u>	<u>    </u>	<u>241.83</u>	<u>119.17</u>
Rec. <u>120</u>	Feet Of <u>SGCM</u>	<u>10</u> %gas	<u>90</u> %mud
Rec. <u>241</u>	Feet Of <u>H6CWM</u>	<u>35</u> %gas	<u>40</u> %water <u>25</u> %mud
Rec. <u>3992</u>	Feet Of <u>Gas In pipe</u>	%gas	%oil %water %mud
Rec. <u>    </u>	Feet Of <u>    </u>	%gas	%oil %water %mud
Rec. <u>    </u>	Feet Of <u>    </u>	%gas	%oil %water %mud

BHT 130° °F Gravity      °API D@      °F Corrected Gravity      °API  
 RW .2 @ 94° °F Chlorides 25,000 ppm Recovery Chlorides 10,000 ppm System

	AK-1	Alpine	PSI Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>2293</u>	<u>2221</u>	<u>2350</u>	<u>0230</u>
(B) First Initial Flow Pressure	<u>323</u>	<u>247</u>	(depth) <u>4367'</u>	T-Started <u>0308</u>
(C) First Final Flow Pressure	<u>269</u>	<u>209</u>	PSI Recorder No. <u>13805</u>	T-Open <u>0545</u>
(D) Initial Shut-In Pressure	<u>1481</u>	<u>1453</u>	(depth) <u>4420'</u>	T-Pulled <u>0945</u>
(E) Second Initial Flow Pressure	<u>237</u>	<u>166</u>	PSI Recorder No. <u>    </u>	T-Out <u>1130</u>
(F) Second Final Flow Pressure	<u>216</u>	<u>171</u>	(depth) <u>    </u>	T-Off Location <u>1245</u>
(G) Final Shut-in Pressure	<u>1276</u>	<u>1244</u>	PSI Initial Opening <u>30</u>	Test <u>✓</u>
(Q) Final Hydrostatic Mud	<u>2282</u>	<u>2082</u>	PSI Initial Shut-in <u>60</u>	Jars <u>✓</u>
			Final Flow <u>60</u>	Safety Joint <u>✓</u>
			Final Shut-in <u>90</u>	Straddle <u>    </u>

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Approved By Dave Goldak  
 Our Representative Darren Cameron

Extra Packer       
 Elec. Rec. ✓  
 Mileage 38  
 Other       
 TOTAL PRICE \$

TRILOBITE TESTING L.L.C.

OPERATOR : American Energies, Corp. DATE 08/08/200  
 WELL NAME: #1 Anthony"A" KB 1711.00 ft TICKET NO: 12818 DST #3  
 LOCATION : 34-30s-10w Kingman co KS GR 1706.00 ft FORMATION: Mississippi  
 INTERVAL : 4390.00 To 4428.00 ft TD 4546.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 45	Rec.	10991	10991	2350	13805		PF Fr. 1338 to 1423 hr
SI 75	Range(Psi )	4200.0	4200.0	4995.0	4250.0	0.0	IS Fr. 1423 to 1538 hr
SF 90	Clock(hrs)	12hr.	12hr.	elec.	12hr.		SF Fr. 1538 to 1708 hr
FS 120	Depth(ft )	4421.0	4421.0	4399.0	4543.0	0.0	FS Fr. 1708 to 1908 hr

	Field	1	2	3	4	
A. Init Hydro	2219.0	2170.0	2240.0	0.0	0.0	T STARTED 1151 hr
B. First Flow	85.0	87.0	86.0	0.0	0.0	T ON BOTM 1335 hr
B1. Final Flow	106.0	112.0	138.0	0.0	0.0	T OPEN 1338 hr
C. In Shut-in	1470.0	1488.0	1531.0	0.0	0.0	T PULLED 1908 hr
D. Init Flow	106.0	126.0	120.0	0.0	0.0	T OUT 2115 hr
E. Final Flow	138.0	139.0	167.0	0.0	0.0	
F. Fl Shut-in	1343.0	1333.0	1379.0	0.0	0.0	
G. Final Hydro	2208.0	2136.0	2152.0	0.0	0.0	TOOL DATA-----
Inside/Outside	O	O	I	S		Tool Wt. 2100.00 lbs
						Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 80000.00 lbs
						Initial Str Wt 58000.00 lbs
						Unseated Str Wt 59000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 241.83 ft
						D.P. Length 4267.17 ft

RECOVERY

Tot Fluid	430.00 ft of	241.83 ft in DC and	188.17 ft in DP
3955.00	ft of Gas in pipe		
90.00	ft of Slightly gas cut water mud		
0.00	ft of 10% gas 20% water 70% mud		
340.00	ft of Gas & oil cut muddy water		
0.00	ft of 40% gas 5% oil 40% water 15% mud		
0.00	ft of		
0.00	ft of		
0.00	ft of		
SALINITY	18000.00 P.P.M.	A.P.I. Gravity	0.00

BLOW DESCRIPTION

Initial Flow:  
 Fair blow built to bottom of bucket in 4 minutes. Gas to surface in 16 minutes. Gauge gas.

Initial Shut-In:  
 Bled down for 10 minutes. No blow back.

Final Flow:  
 Strong blow bottom of bucket in 20 seconds. Gauge gas.

Final Shut-In:  
 Bled down for 10 minutes. Very slight surface blow back.

SAMPLES: Caraway Analytical  
 SENT TO: Liberal, Ks 67901

Test Successful: Y

MUD DATA-----

Mud Type	Chemical
Weight	9.30 lb/c
Vis.	45.00 S/L
W.L.	10.40 in3
F.C.	0.32 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	128.00 F
Hole Condition	good
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00 n
Cushion Type	none
Reversed Out N	
Tool Chased N	
Tester	Darren L. Amerine
Co. Rep.	Dave Goldak
Contr.	Mallard
Rig #	2
Unit #	none
Pump T.	none

GAS RECOVERY

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COMPANY: American Energies, Corp.

DATE: 08/08/200

WELL NAME: #1 Anthony"A"

KB Elev: 1711.00 ft TICKET #12818 DST #3

WELL LOCATION: 34-30s-10w Kingman co KS

GR Elev: 1706.00 ft FORMATION: Mississippi

INTERVAL Fr.: 4390.00 To 4428.00 T.D.: 4546.00 ft TEST TYPE: CONVENTIONAL

GAS RECOVERY MEASURED WITH Merla gauge

\*\*\*\*\* GAS RATES FOR FLOW #1

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
26	0.38	11	0	69400.0
36	0.38	16	0	86800.0
45	0.38	20	0	100000.0

\*\*\*\*\* GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
10	0.38	35	0	147000.0
20	0.38	31	0	134000.0
30	0.38	30	0	132000.0
40	0.38	29	0	129000.0
50	0.38	29	0	129000.0
60	0.38	29	0	129000.0
70	0.38	29	0	129000.0
80	0.38	29	0	129000.0
90	0.38	29	0	129000.0

\*\*\* TOOL DIAGRAM \*\*\* CONVENTIONAL

WELL NAME: #1 Anthony"A"	H	P.O. SUB Top of tool @	4363
	H	C.O. SUB	4364
LOCATION : 34-30s-10w Kingman co KS	H	S.I. TOOL	4369
TICKET No. 12818 D.S.T. No. 3 DATE 08/08/200	H		
TOTAL TOOL TO BOTTOM OF TOP PACKERS ..... 28	H		
INTERVAL TOOL .....	H	HMV	4374
BOTTOM PACKERS AND ANCHOR ..... 31	H	JARS	4379
TOTAL TOOL ..... 59	H		
DRILL COLLAR ANCHOR IN INTERVAL .....	H		
D.C. ANCHOR STND.Stands Single Total	H		
D.P. ANCHOR STND.Stands 2 Single Total 124	H	SAFETY JOINT	4381
TOTAL ASSEMBLY ..... 184	H	PACKER	4385
D.C. ABOVE TOOLS.Stands4 Single Total 241.83	H	PACKER	4390
D.P. ABOVE TOOLS.Stands67 Single Total 4143.17	H	DEPTH 4390	
	H	1'to	4391
	H	ANCHOR 3' of perfs.to	4394
TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4569	H		
	H	Alpine rec. @ 4399	
TOTAL DEPTH ..... 4546	H	29'of drillpipe to	4423
	H	Ak-1 rec. @ 4421	
TOTAL DRILL PIPE ABOVE K.B. .... 23	H		4423
	H	4'of perfs.to	4427
REMARKS:	H		
	H		
	H		
	H		
	H		
	H		
	H	4428	
	H	18'of perfs.to	4446
	H	95'of drillpipe to	4541
	H		
	H		4541
	H	Ak-1 rec. @ 4543	
	H		
	H	BULLNOSE 5' bullnose to	4546
	H	T.D.	

TK#12818 DST#3 #1 Anthony "A" American Energies, Corp.

# TEST HISTORY

Flag Points

t (Min.)	P (PSig)
A: 0.00	2240.36
B: 0.00	85.77
C: 39.50	137.80
D: 76.00	1531.00
E: 0.00	120.18
F: 88.00	167.34
G: 118.75	1378.67
Q: 0.00	2151.98

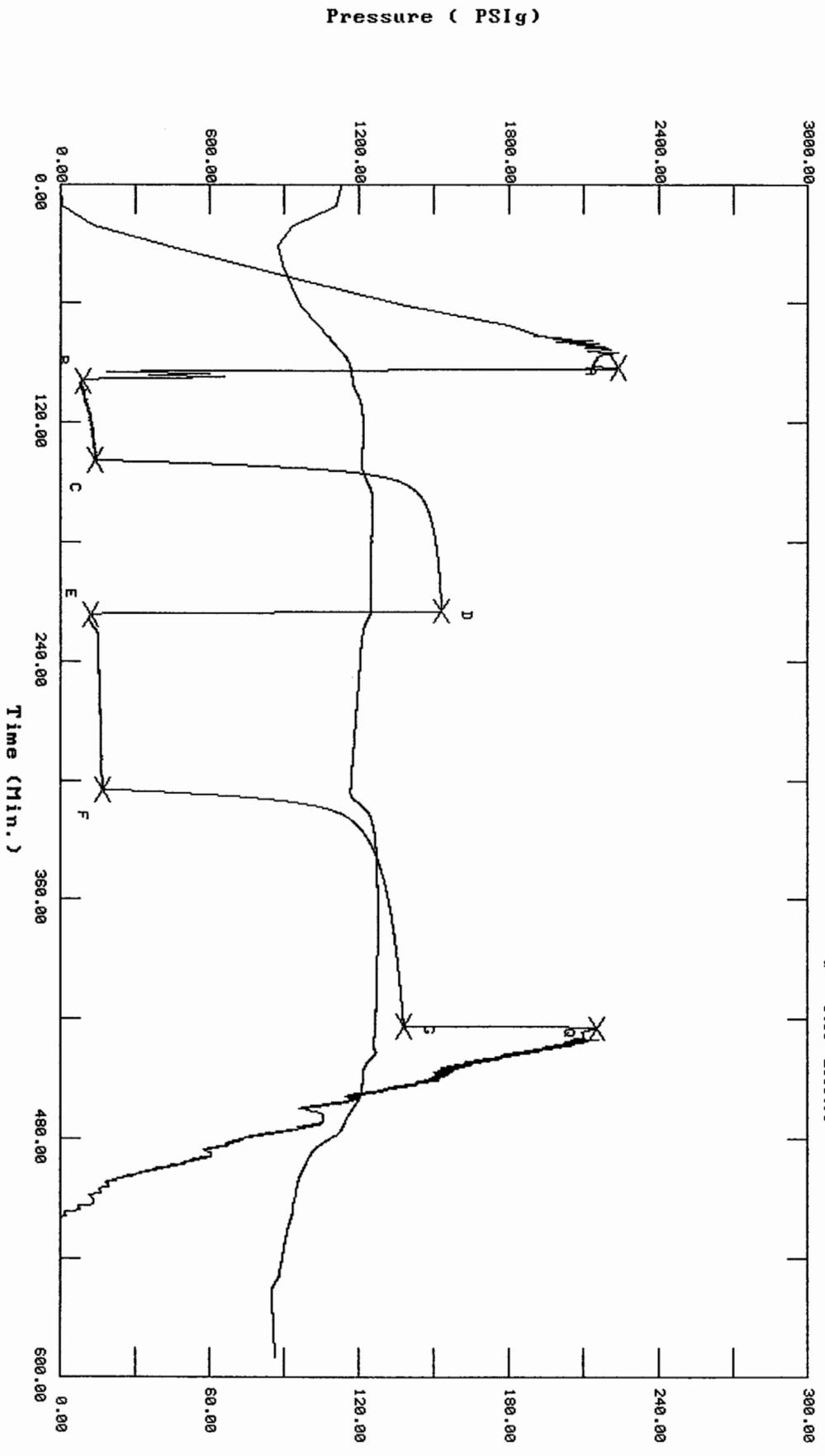
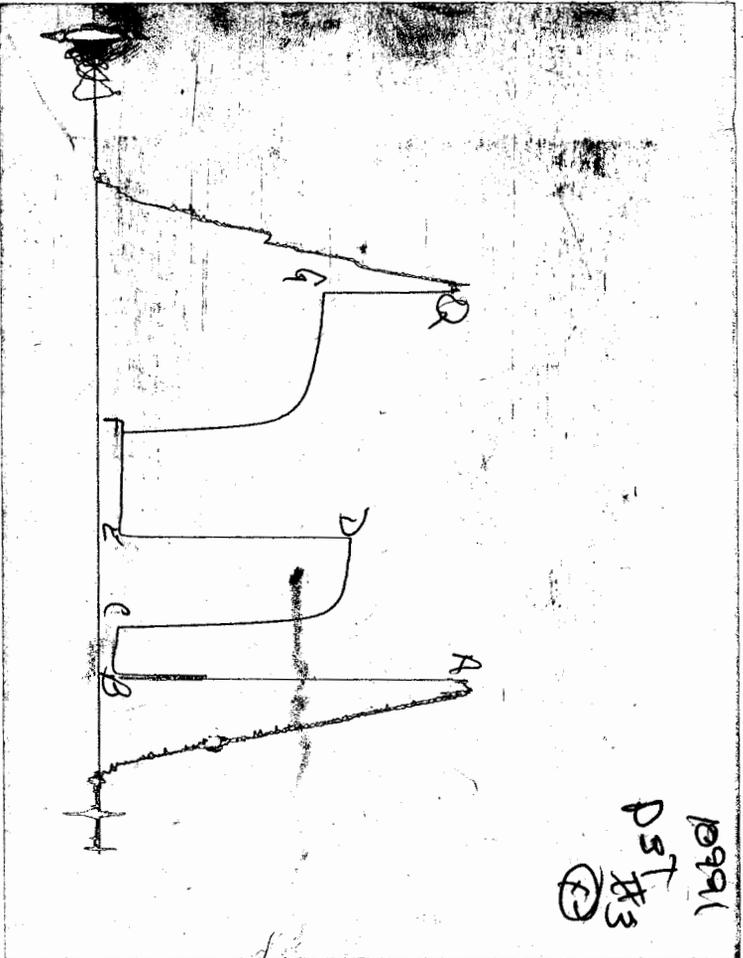
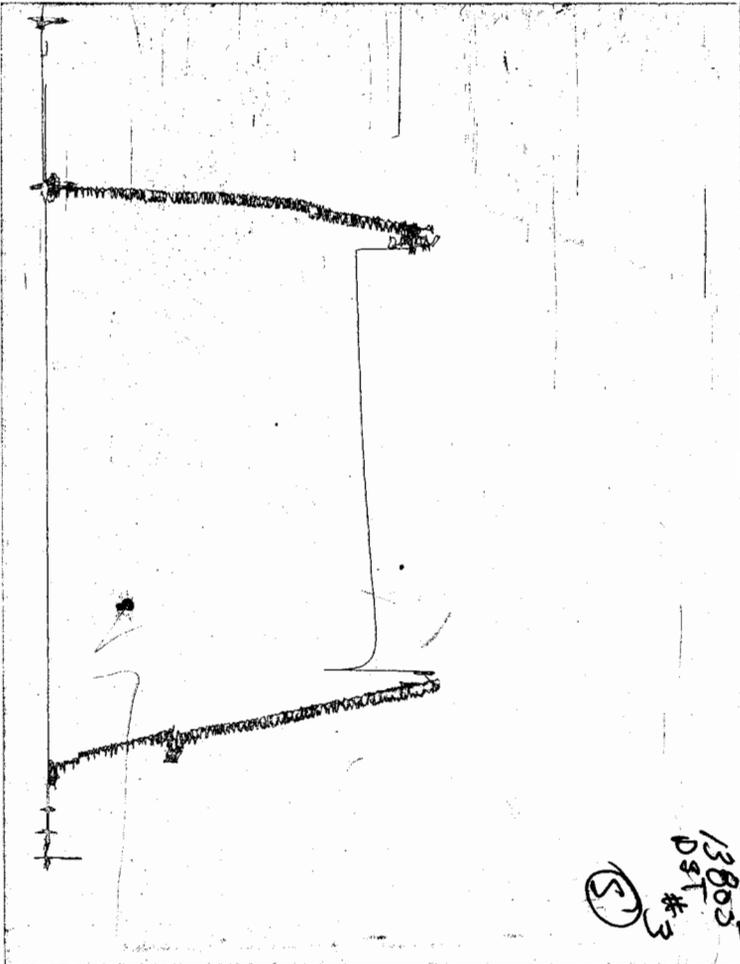


CHART PAGE



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

CHART PAGE



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



94495

# TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

## Test Ticket

N<sup>o</sup> 12818

Well Name & No. #1 Anthony "A" Test No. #3 Date 08/08/2000  
 Company American Energies, Corp 155 N. Market Zone Tested Miss  
 Address Suite 710 Wichita, Ks 67202 Elevation 1711 KB 1706 GL  
 Co. Rep / Geo. Dave Goldak Cont. Mallard #2 Est. Ft. of Pay      Por.      %  
 Location: Sec. 34 Twp. 30<sup>s</sup> Rge. 10<sup>w</sup> Co. Kingman State Ks  
 No. of Copies 5 Distribution Sheet (Y, N)      Turnkey (Y, N)      Evaluation (Y, N)     

Interval Tested 4390' - 4428' Initial Str Wt./Lbs. 58,000 Unseated Str Wt./Lbs. 59,000  
 Anchor Length 38' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 84,000  
 Top Packer Depth 4385' Tool Weight 2100  
 Bottom Packer Depth 4390' & 4428' Hole Size — 7 7/8"  Rubber Size — 6 3/4"   
 Total Depth 4546' Wt. Pipe Run N/A Drill Collar Run 241.83  
 Mud Wt. 9.3 LCM      Vis. 45 WL 10.4 Drill Pipe Size 4 1/2 KH Ft. Run 4267.17  
 Blow Description IF: Fair blow built to b.o.b in 4 mins GTS in 16 mins Gauge Paw  
TSI Bled down for 10 mins. No blowback.  
FF: Strong blow b.o.b in 20 sec Gauge Paw.  
FSI: Bled down for 10 mins. Very slight surface blowback.

Recovery — Total Feet	GIP	Ft. in DC	Ft. in DP
<u>430'</u>	<u>    </u>	<u>241</u>	<u>188.17</u>
Rec. <u>90'</u> Feet Of <u>SS CWM</u>	<u>10% gas</u>	<u>    </u>	<u>20% water 70% mud</u>
Rec. <u>340'</u> Feet Of <u>SS CWM</u>	<u>40% gas 5% oil</u>	<u>    </u>	<u>40% water 15% mud</u>
Rec. <u>3955'</u> Feet Of <u>Gas In pipe</u>	<u>% gas % oil</u>	<u>    </u>	<u>% water % mud</u>
Rec. <u>    </u> Feet Of <u>    </u>	<u>% gas % oil</u>	<u>    </u>	<u>% water % mud</u>
Rec. <u>    </u> Feet Of <u>    </u>	<u>% gas % oil</u>	<u>    </u>	<u>% water % mud</u>

BHT 128 °F Gravity      °API D@      °F Corrected Gravity      °API  
 RW 2 @ 87 °F Chlorides 18,000 ppm Recovery Chlorides 8,000 ppm System

	AK-1	Alpine	PSI Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>2219</u>	<u>2240</u>	<u>2350</u>	<u>1030</u>
(B) First Initial Flow Pressure	<u>85</u>	<u>86</u>	(depth) <u>4399'</u>	T-Started <u>1151</u>
(C) First Final Flow Pressure	<u>106</u>	<u>138</u>	PSI Recorder No. <u>10991</u>	T-Open <u>1338</u>
(D) Initial Shut-in Pressure	<u>1470</u>	<u>1531</u>	(depth) <u>4421'</u>	T-Pulled <u>1908</u>
(E) Second Initial Flow Pressure	<u>106</u>	<u>120</u>	PSI Recorder No. <u>13805</u>	T-Out <u>2115</u>
(F) Second Final Flow Pressure	<u>138</u>	<u>167</u>	(depth) <u>4543'</u>	T-Off Location <u>2215</u>
(G) Final Shut-in Pressure	<u>1343</u>	<u>1379</u>	PSI Initial Opening <u>45</u>	Test <input checked="" type="checkbox"/>
(Q) Final Hydrostatic Mud	<u>2208</u>	<u>2152</u>	PSI Initial Shut-in <u>75</u>	Jars <input checked="" type="checkbox"/>
			Final Flow <u>90</u>	Safety Joint <input checked="" type="checkbox"/>
			Final Shut-in <u>120</u>	Straddle <input checked="" type="checkbox"/>
				Circ. Sub <u>    </u>
				Sampler <u>    </u>
				Extra Packer <u>    </u>
				Elec. Rec. <input checked="" type="checkbox"/>
				Mileage <u>38</u>
				Other <u>    </u>
				TOTAL PRICE \$ <u>    </u>

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE 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 Darren J. Cornejo

Well Name Anthony  
DST Number 1  
Recorder Number 13805

A: 1.925      2013  
B: .011      11  
C: .051      54  
D: 1.442      1517  
E: .084      90  
F: .084      90  
G: 1.329      1425  
Q: ~~1.890~~ 1.936      2074

Well Name Anthony  
DST Number 2  
Recorder Number 13803

A: 2.087      2236  
B: .313      337  
C: .248      267  
D: 1.380      1480  
E: .222      239  
F: .204      219  
G: 1.190      1275  
Q: 2.052      2198

Well Name Anthony  
DST Number 3  
Recorder Number 10991

A: 2.044      2170  
B: .082      87  
C: .106      112  
D: 1.397      1488  
E: .119      126  
F: .131      139  
G: 1.251      1333  
Q: 2.012      2136