



DRILL STEM TEST REPORT

Prepared For: **Amercan Energies Cor**

155 N.Market St.710
Wichita,Ks.67202

ATTN: David Goldak

22-32s--11w

Donovan H-#1

Start Date: 2001.04.06 @ 05:30:00

End Date: 2001.04.06 @ 12:40:00

Job Ticket #: 14299 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

American Energies Cor

155 N. Market St. 710
Wichita, Ks. 67202

ATTN: David Goldak

Donovan H-#1

22--32s--11w

Job Ticket: 14299

DST#: 1

Test Start: 2001.04.06 @ 05:30:00

GENERAL INFORMATION:

Formation: **Indian Cave**

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

Time Tool Opened: 07:17:55

Time Test Ended: 12:40:00

Test Type: **Conventional Bottom Hole**

Tester: **John Schmidt**

Unit No: **18**

Interval: **2541.00 ft (KB) To 2584.00 ft (KB) (TVD)**

Total Depth: **2584.00 ft (KB)**

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

Reference Elevations: **1509.00 ft (KB)**

1504.00 ft (CF)

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

Serial #: **3227**

Press@RunDepth: **467.98 psig @ ft (KB)**

Start Date: **2001.04.06**

End Date: **2001.04.06**

Start Time: **06:10:30**

End Time: **11:44:54**

Capacity: **7000.00 psig**

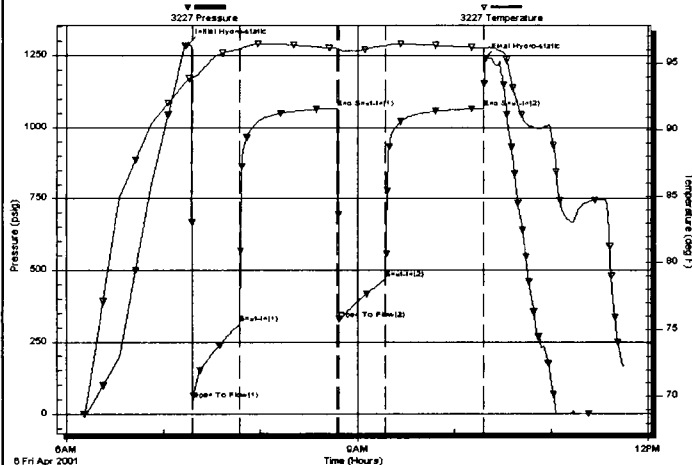
Last Calib.: **1899.12.30**

Time On Btm: **2001.04.06 @ 07:15:25**

Time Off Btm: **2001.04.06 @ 10:18:55**

TEST COMMENT: **IF-Strong Bottom In 3 Min.
FF-Bottom In 5 Min.**

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
65	1291.78	93.87	Initial Hydro-static
68	48.55	93.98	Open To Flow (1)
97	312.25	96.04	Shut-In (1)
157	1067.58	96.10	End Shut-In (1)
158	326.89	96.04	Open To Flow (2)
187	467.98	96.30	Shut-In (2)
248	1067.16	96.14	End Shut-In (2)
249	1241.83	96.15	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
915.00	Salt Water	10.65

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Amercan Energies Cor

Donovan H-#1

155 N. Market St. 710
Wichita, Ks. 67202

22--32s--11w

Job Ticket: 14299

DST#: 1

ATTN: David Goldak

Test Start: 2001.04.06 @ 05:30:00

Tool Information

Drill Pipe:	Length:	2302.00 ft	Diameter:	3.80 inches	Volume:	32.29 bbl	Tool Weight:	3000.00 lb
Drill Collar:	Length:	240.00 ft	Diameter:	2.25 inches	Volume:	1.18 bbl	Weight set on Packer:	20000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight to Pull Loose:	45000.00 lb
Drill Pipe Above KB:		29.00 ft					Tool Chased	0.00 ft
Depth to Top Packer:		2536.00 ft					String Weight: Initial	39000.00 lb
Depth to Bottom Packer:		ft					Final	42000.00 lb
Interval between Packers:		ft						
Tool Length:		70.02 ft						
Number of Packers:		2	Diameter:	6.75 inches				

Tool Comments

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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C.O. Sub	1.00			2514.00	
S.I. Tool	5.00			2519.00	
HMV	5.00			2524.00	
Jars	5.00			2529.00	
Safety Joint	2.00			2531.00	
Packer	5.00			2536.00	23.00 Bottom Of Top Packer
Packer	4.00			2540.00	
Stubb	1.00			2541.00	
Perforations	2.00			2543.00	
C.O. Sub	1.00			2544.00	
Recorder	0.01	3227	Inside	2544.01	
Blank Spacing	31.00			2575.01	
C.O. Sub	1.00			2576.01	
Perforations	4.00			2580.01	
Recorder	0.01	13308	Outside	2580.02	
Bullnose	3.00			2583.02	47.02 Bottom Packers & Anchor

Total Tool Length: 70.02

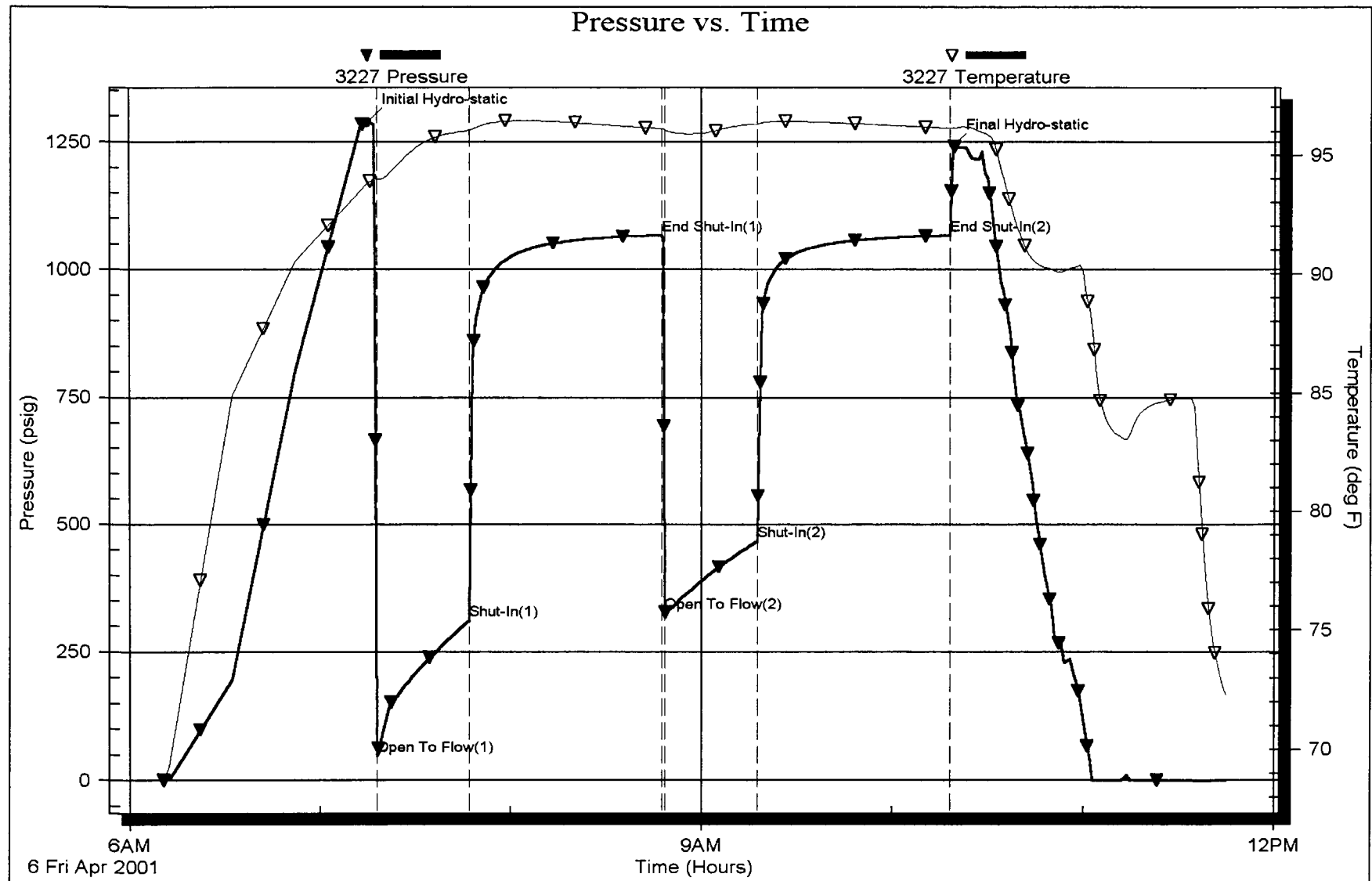
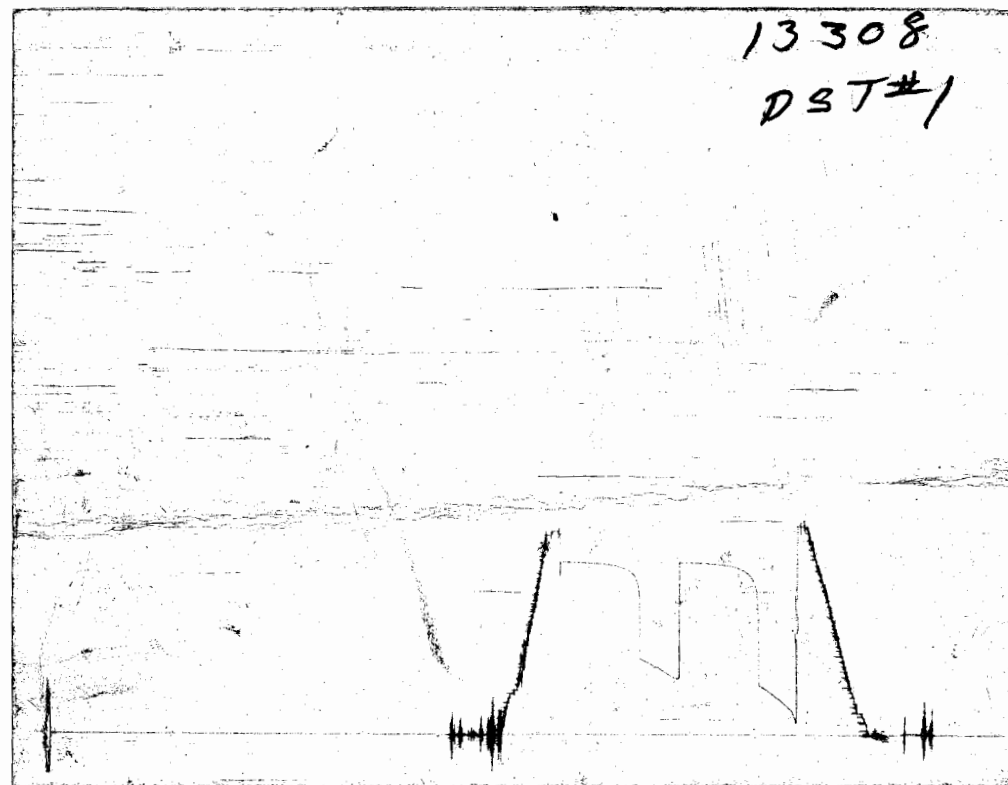


CHART PAGE

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



TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Nº 14299

Test Ticket

Well Name & No.	<u>DONOVAN-H #1</u>	Test No.	<u>#1</u>	Date	<u>4-6-01</u>
Company	<u>AMERICAN ENERGIES CORP.</u>	Zone Tested	<u>INDIAN CAVE</u>		
Address	<u>155 N. MARKET ST. 710 WICHITA, KS 67202</u>	Elevation	<u>1509</u>	KB	<u>1504</u> GL
Co. Rep / Geo.	<u>DAVID GOLDAY</u>	Cont.	<u>MALLARD</u>	Est. Ft. of Pay	<u> </u> Por. <u> </u> %
Location: Sec.	<u>22</u>	Twp.	<u>32 S</u>	Rge.	<u>11 W</u> Co. <u>Barber</u> State <u> </u>
No. of Copies	<u> </u>	Distribution Sheet (Y, N)	<u> </u>	Turnkey (Y, N)	<u> </u> Evaluation (Y, N) <u> </u>

Interval Tested	<u>2541-2584</u>	Initial Str Wt./Lbs.	<u>39,000</u>	Unseated Str Wt./Lbs.	<u>42,000</u>
Anchor Length	<u>43'</u>	Wt. Set Lbs.	<u>20,000</u>	Wt. Pulled Loose/Lbs.	<u>45,000</u>
Top Packer Depth	<u>2536</u>	Tool Weight	<u>3,000</u>		
Bottom Packer Depth	<u>2541</u>	Hole Size — 7 7/8"	<u>✓</u>	Rubber Size — 6 3/4"	<u>✓</u>
Total Depth	<u>2584</u>	Wt. Pipe Run	<u>0</u>	Drill Collar Run	<u>240</u>
Mud Wt.	<u>9.2</u> LCM <u>—</u> Vis. <u>42</u> WL <u>—</u>	Drill Pipe Size	<u>4 1/2 XH</u>	Ft. Run	<u>2302</u>
Blow Description	<u>FF- STRONG BLOW BOTTOM IN 3 MIN.</u>				
	<u>FF- " " " IN 5 MIN.</u>				

Recovery — Total Feet	<u>915'</u>	GIP	<u> </u>	Ft. in DC	<u> </u>	Ft. in DP	<u> </u>
Rec.	<u>915</u>	Feet Of	<u>SALT WATER</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
Rec.	<u> </u>	Feet Of	<u> </u>	%gas	%oil	%water	%mud
Rec.	<u> </u>	Feet Of	<u> </u>	%gas	%oil	%water	%mud
BHT	<u>96</u>	°F Gravity	<u> </u>	°API D@	<u> </u>	°F Corrected Gravity	<u> </u> °API
RW	<u>15</u>	@	<u>72</u>	°F Chlorides	<u>50,000</u>	ppm Recovery	<u> </u> Chlorides <u> </u> ppm System

(A) Initial Hydrostatic Mud	AK-1	Alpine	<u>1291</u>	PSI Recorder No.	<u>3227</u>	T-On Location	<u>05:30</u>
(B) First Initial Flow Pressure			<u>48</u>	PSI (depth)	<u>2545</u>	T-Started	<u>06:00</u>
(C) First Final Flow Pressure			<u>312</u>	PSI Recorder No.	<u>13308</u>	T-Open	<u>07:20</u>
(D) Initial Shut-In Pressure			<u>1067</u>	PSI (depth)	<u>2581</u>	T-Pulled	<u>10:20</u>
(E) Second Initial Flow Pressure			<u>326</u>	PSI Recorder No.	<u> </u>	T-Out	<u>11:30</u>
(F) Second Final Flow Pressure			<u>467</u>	PSI (depth)	<u> </u>	T-Off Location	<u>12:30</u>
(G) Final Shut-in Pressure			<u>1067</u>	PSI Initial Opening	<u>30</u>	Test	<u>BOTTOM HOLE-700</u>
(Q) Final Hydrostatic Mud			<u>1241</u>	PSI Initial Shut-in	<u>60</u>	Jars	<u>✓</u> <u>200</u>
				Final Flow	<u>30</u>	Safety Joint	<u>✓</u> <u>50</u>
				Final Shut-in	<u>60</u>	Straddle	<u> </u>

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Approved By [Signature]

Our Representative [Signature]

Circ. Sub ✓ nc
Sampler
Extra Packer
Elec. Rec. ✓ 150
Mileage 35
Other
TOTAL PRICE \$ 1135



DRILL STEM TEST REPORT

Prepared For: **Amercan Energies Cor**

155 N. Market St. 710
Wichita, Ks. 67202

ATTN: David Goldak

22--32s--11w

Donovan H-#1

Start Date: 2001.04.08 @ 06:35:00

End Date: 2001.04.08 @ 11:10:00

Job Ticket #: 14030 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

Amercan Energies Cor

155 N. Market St. 710
Wichita, Ks. 67202

ATTN: David Goldak

Donovan H#1

22-32s-11w

Job Ticket: 14030

DST#: 2

Test Start: 2001.04.08 @ 06:35:00

GENERAL INFORMATION:

Formation: **Douglas s.d.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:07:44

Time Test Ended: 11:10:00

Test Type: Conventional Bottom Hole

Tester: Darren L. Amerine

Unit No: 19

Interval: **3536.00 ft (KB) To 3617.00 ft (KB) (TVD)**

Total Depth: 3617.00 ft (KB)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1509.00 ft (KB)

1504.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: **3302** Inside

Press@RunDepth: 1205.28 psig @ 3537.00 ft (KB)

Start Date: 2001.04.08

End Date:

2001.04.08

Start Time: 06:35:46

End Time:

17:13:14

Capacity: 7000.00 psig

Last Calib.: 2001.04.08

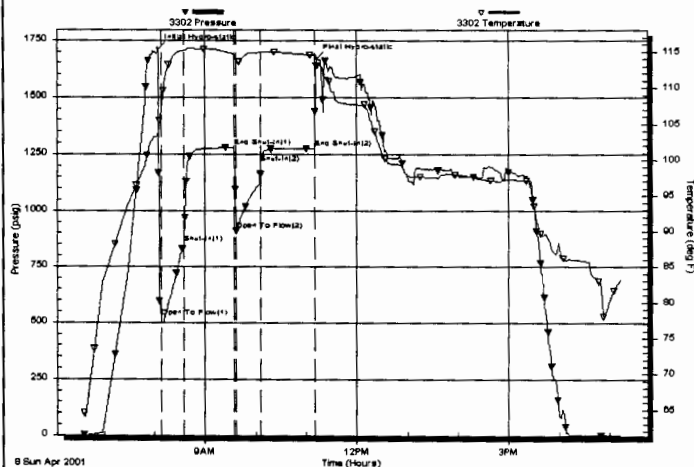
Time On Btm: 2001.04.08 @ 08:04:14

Time Off Btm: 2001.04.08 @ 11:12:44

TEST COMMENT: IF: Strong blow b.o.b in 30 sec.
GTS in 5 mins. gauge gas.

1

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
89	1712.13	103.34	Initial Hydro-static
92	519.41	106.79	Open To Flow (1)
119	852.80	115.17	Shut-In(1)
179	1277.84	114.64	End Shut-In(1)
182	909.78	113.53	Open To Flow (2)
210	1205.28	114.93	Shut-In(2)
274	1275.91	114.49	End Shut-In(2)
277	1670.14	113.63	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
100.00	gas in pipe	0.49
120.00	HO&GCM	0.59
3168.00	free oil	44.26
120.00	VHO&GCM	1.68

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.38	14.00	104.04
Last Gas Rate	0.13	5.00	7.26
Max. Gas Rate	0.38	14.00	104.04



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Amercan Energies Cor

Donovan H-#1

155 N.Market St.710
Wichita,Ks.67202

22--32s--11w

Job Ticket: 14030

DST#: 2

ATTN: David Goldak

Test Start: 2001.04.08 @ 06:35:00

Tool Information

Drill Pipe:	Length:	3299.61 ft	Diameter:	3.80 inches	Volume:	46.28 bbl	Tool Weight:	2100.00 lb
Drill Collar:	Length:	239.93 ft	Diameter:	2.25 inches	Volume:	1.18 bbl	Weight set on Packer:	20000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight to Pull Loose:	100000.0 lb
Drill Pipe Above KB:		31.54 ft					Tool Chased	0.00 ft
Depth to Top Packer:		3531.00 ft					String Weight: Initial	48000.00 lb
Depth to Bottom Packer:		ft					Final	58000.00 lb
Interval between Packers:		ft						
Tool Length:		109.00 ft						
Number of Packers:		2	Diameter:	6.75 inches				

Tool Comments

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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C.O. Sub	1.00			3509.00	
S.I. Tool	5.00			3514.00	
HMV	5.00			3519.00	
Jars	5.00			3524.00	
Safety Joint	2.00			3526.00	
Packer	5.00			3531.00	23.00 Bottom Of Top Packer
Packer	5.00			3536.00	
Stubb	1.00			3537.00	
Recorder	0.00	3302	Inside	3537.00	
Anchor	16.00			3553.00	
Blank Spacing	61.00			3614.00	
Recorder	0.00	10991	Outside	3614.00	
Bullnose	3.00			3617.00	86.00 Bottom Packers & Anchor

Total Tool Length: 109.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Amercan Energies Cor

Donovan H-#1

155 N. Market St. 710
Wichita, Ks. 67202

22-32s-11w

Job Ticket: 14030

DST#: 2

ATTN: David Goldak

Test Start: 2001.04.08 @ 06:35:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API: -999999 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity: - ppm

Viscosity: 43.00 sec/qt

Cushion Volume:

bbl

214748364

Water Loss: 8.95

Gas Cushion Type:

Resistivity: 2.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 0.32 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
100.00	gas in pipe	0.492
120.00	HO&GCM	0.590
3168.00	free oil	44.257
120.00	VHO&GCM	1.683

Total Length: 3508.00 ft

Total Volume: 47.020 bbl

Num Fluid Samples: 1

Num Gas Bombs: 0

Serial #: 3302

Laboratory Name: Caraway

Laboratory Location: Liberal KS

Recovery Comments:



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

GAS RATES

Amercan Energies Cor

Donovan H-#1

155 N. Market St. 710
Wichita, Ks. 67202

22--32s--11w

Job Ticket: 14030

DST#: 2

ATTN: David Goldak

Test Start: 2001.04.08 @ 06:35:00

Gas Rates Information

Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (kPaa)	Gas Rate (Mcf/d)
1	10	0.38	14.00	104.04
1	15	0.38	2.00	60.08
1	20	0.38	1.50	58.24
1	25	0.13	2.00	6.14
1	30	0.13	7.00	8.01
2	5	0.13	5.00	7.26
2	10	0.13	7.00	8.01
2	15	0.13	10.00	9.13
2	20	0.13	9.00	8.76
2	25	0.13	8.00	8.38
2	30	0.13	5.00	7.26

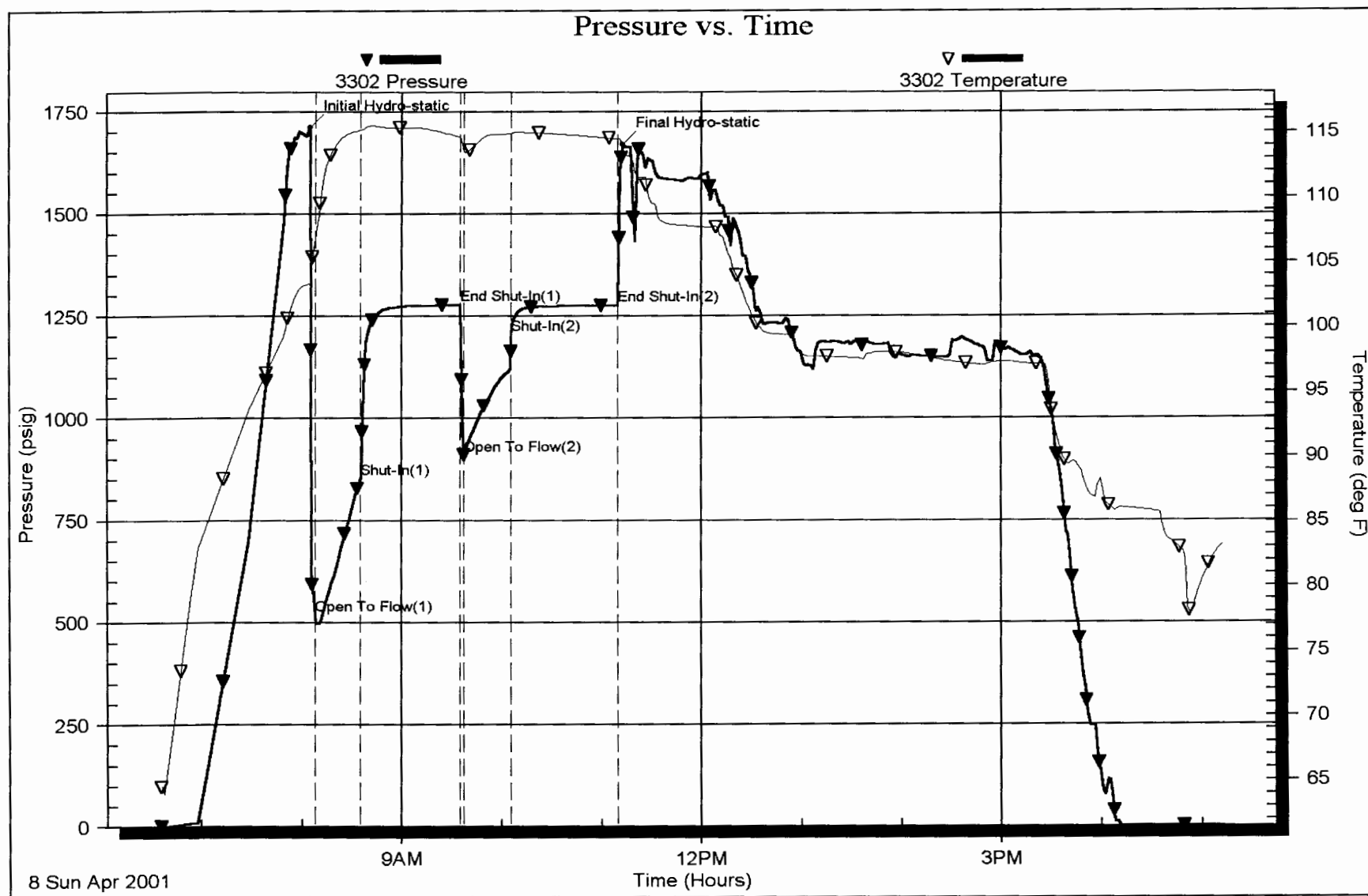
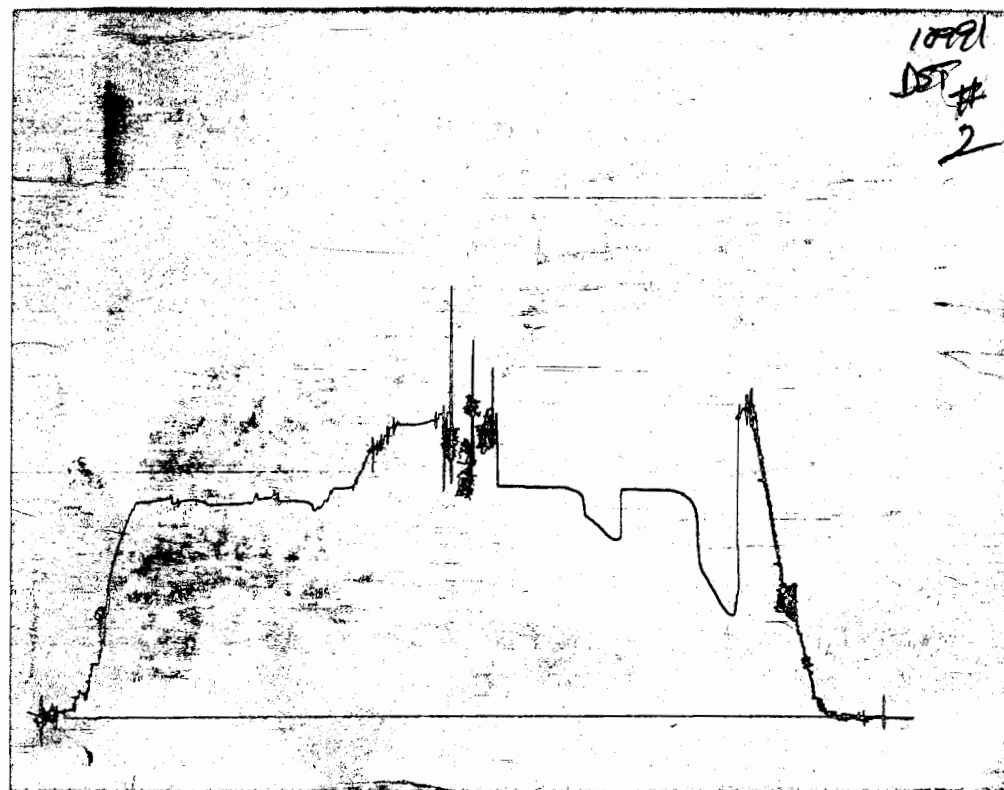


CHART PAGE

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



TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

N^o 14030

Test Ticket

Well Name & No. <u>#1 Donovan "H"</u>	Test No. <u>#2</u>	Date <u>04/08/01</u>
Company <u>American Energies Corp</u>	Zone Tested <u>Douglas Sd.</u>	
Address <u>155 N. Market, Suite 710 Wichita, KS 67202</u>	Elevation <u>1509</u>	KB <u>1504</u> GL
Co. Rep / Geo. _____	Cont. <u>Mallard #1</u>	Est. Ft. of Pay _____ Por. _____ %
Location: Sec. <u>22</u>	Twp. <u>32S</u>	Rge. <u>11W</u> Co. _____ State <u>KS</u>
No. of Copies <u>5</u>	Distribution Sheet (Y, N) _____	Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3536' - 3617' Initial Str Wt./Lbs. 4800 Unseated Str Wt./Lbs. 5800
 Anchor Length 81' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 100,000
 Top Packer Depth 3531' Tool Weight 2100
 Bottom Packer Depth 3536' Hole Size — 7 7/8" ☒ Rubber Size — 6 3/4" ☒
 Total Depth 3617' Wt. Pipe Run N/A Drill Collar Run 239.93
 Mud Wt. 9.1 LCM _____ Vis. 43 WL 9.0 Drill Pipe Size 4 1/2 XH Ft. Run 3360.61
 Blow Description IF: Strong blow b.o.b in 30 sec. 6TS in 5 min. Gauge Gas.
FSI: Bled down for 20 mins built back to b.o.b in 2 mins.
FF: Strong blow b.o.b in 10 sec. Gauge Gas
FSI: Bled down for 20 mins back to b.o.b in 3 mins.
 Recovery — Total Feet 3410 GIP 100' Ft. in DC 240 Ft. in DP 3170
 Rec. 120 Feet Of 41086CM 20% gas 40% oil %water 40% mud
 Rec. 2930' Feet Of OAG 40% gas 60% oil %water %mud
 Rec. 120' Feet Of 866CM 40% gas 30% oil 10% water 20% mud
 Rec. 100' Feet Of GTP %gas %oil %water %mud
 Rec. _____ Feet Of _____ %gas %oil %water %mud
 BHT 114° °F Gravity 28 °API D@ 60 °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 7000 ppm System

	AK-1	Alpine		
(A) Initial Hydrostatic Mud	<u>1712</u>	PSI	Recorder No. <u>3302</u>	T-On Location <u>0500</u>
(B) First Initial Flow Pressure	<u>519</u>	PSI	(depth) <u>2537'</u>	T-Started <u>0630</u>
(C) First Final Flow Pressure	<u>853</u>	PSI	Recorder No. <u>10991</u>	T-Open <u>0802</u>
(D) Initial Shut-In Pressure	<u>1278</u>	PSI	(depth) <u>3614'</u>	T-Pulled <u>1200</u>
(E) Second Initial Flow Pressure	<u>910</u>	PSI	Recorder No. _____	T-Out <u>1600</u>
(F) Second Final Flow Pressure	<u>1205</u>	PSI	(depth) _____	T-Off Location <u>1020</u>
(G) Final Shut-in Pressure	<u>1276</u>	PSI	Initial Opening <u>30</u>	Test ☒ 700
(Q) Final Hydrostatic Mud	<u>1670</u>	PSI	Initial Shut-in <u>60</u>	Jars ☒ 200
			Final Flow <u>30</u>	Safety Joint ☒ 50
			Final Shut-in <u>60</u>	Straddle _____
				Circ. Sub ☒ 35
				Sampler _____
				Extra Packer _____
				Elec. Rec. ☒ 150
				Mileage <u>44.35</u>
				Other <u>3 hrs 90</u>
				TOTAL PRICE \$ <u>1260</u>

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Approved By [Signature]

Our Representative [Signature]