

DRILL STEM TEST REPORT

Prepared For: **American Energies Corporation**

155 N. Market Ste 710
Wichita KS 67202

ATTN: American Energies Cor

20-11s-19w Ellis,Ks

Wild Bill #2

Start Date: 2002.06.30 @ 06:41:36

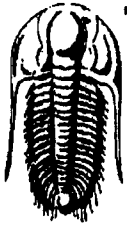
End Date: 2002.06.30 @ 13:56:05

Job Ticket #: 15112 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 Corporation

155 N. Market Ste 710
Wichita KS 67202

ATTN: American Energies Cor

Wild Bill #2

20-11s-19w Ellis, Ks

Job Ticket: 15112

DST#: 1

Test Start: 2002.06.30 @ 06:41:36

GENERAL INFORMATION:

Formation: **L KC A-F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:26:50

Time Test Ended: 13:56:05

Test Type: Conventional Bottom Hole

Tester: **Shane McBride**

Unit No: 15

Interval: **3227.00 ft (KB) To 3300.00 ft (KB) (TVD)**

Total Depth: 3300.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1965.00 ft (KB)

1960.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 3227

Inside

Press@RunDepth: 108.45 psig @ 3228.00 ft (KB)

Start Date: 2002.06.30

End Date:

2002.06.30

Start Time: 06:41:36

End Time:

13:56:05

Capacity: 7000.00 psig

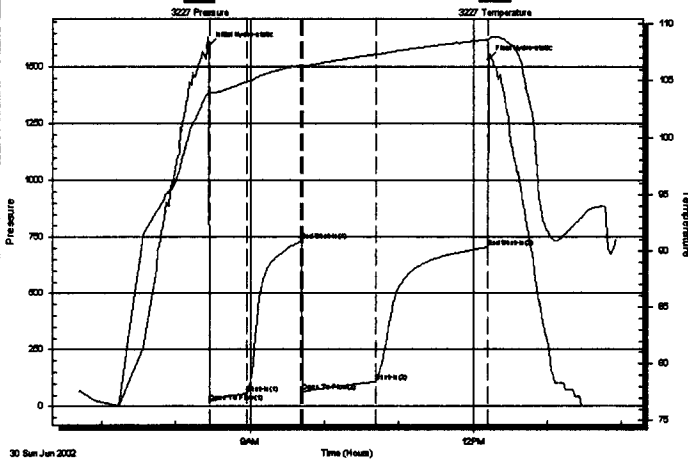
Last Calib.: 1899.12.30

Time On Btm: 2002.06.30 @ 08:26:35

Time Off Btm: 2002.06.30 @ 12:12:05

TEST COMMENT: 1/4" in. blow @ open built to 4" in.
No return
1/4" in. blow @ open built to 5" in.
No return

Pressure vs. Time



PRESSURE SUMMARY

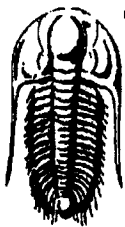
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1593.07	103.98	Initial Hydro-static
1	19.23	103.93	Open To Flow (1)
31	58.42	104.90	Shut-In(1)
75	732.92	106.37	End Shut-In(1)
76	65.31	106.32	Open To Flow (2)
135	108.45	107.30	Shut-In(2)
225	705.52	108.63	End Shut-In(2)
226	1533.53	108.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
200.00	s g h o c m 10%g 60%o 30%m	2.81

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Energies Corporation

Wild Bill #2

155 N. Market Ste 710
Wichita KS 67202

20-11s-19w Ellis, Ks

Job Ticket: 15112

DST#: 1

ATTN: American Energies Cor

Test Start: 2002.06.30 @ 06:41:36

Tool Information

Drill Pipe:	Length:	3212.00 ft	Diameter:	3.80 inches	Volume:	45.06 bbl	Tool Weight:	1500.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight to Pull Loose:	57000.00 lb
					<u>Total Volume:</u>	<u>45.06 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:		5.00 ft					String Weight: Initial	40000.00 lb
Depth to Top Packer:		3227.00 ft					Final	41000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		73.00 ft						
Tool Length:		93.00 ft						
Number of Packers:		2	Diameter:	6.75 inches				
Tool Comments:								

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			3208.00	
S.I. Tool	5.00			3213.00	
HMV	5.00			3218.00	
Packer	5.00			3223.00	20.00 Bottom Of Top Packer
Packer	4.00			3227.00	
Stubb	1.00			3228.00	
Recorder	0.00	3227	Inside	3228.00	
C.O. Sub	1.00			3229.00	
Perforations	34.00			3263.00	
drillpipe	31.00			3294.00	
C.O. Sub	1.00			3295.00	
Recorder	0.00	11057	Outside	3295.00	
Bullnose	5.00			3300.00	73.00 Bottom Packers & Anchor

Total Tool Length: 93.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

American Energies Corporation

Wild Bill #2

155 N. Market Ste 710
Wichita KS 67202

20-11s-19w Ellis, Ks

Job Ticket: 15112

DST#: 1

ATTN: American Energies Cor

Test Start: 2002.06.30 @ 06:41:36

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: 40.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.76 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2800.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
200.00	s g h o c m 10%g 60%o 30%m	2.805

Total Length: 200.00 ft

Total Volume: 2.805 bbl

Num Fluid Samples: 0

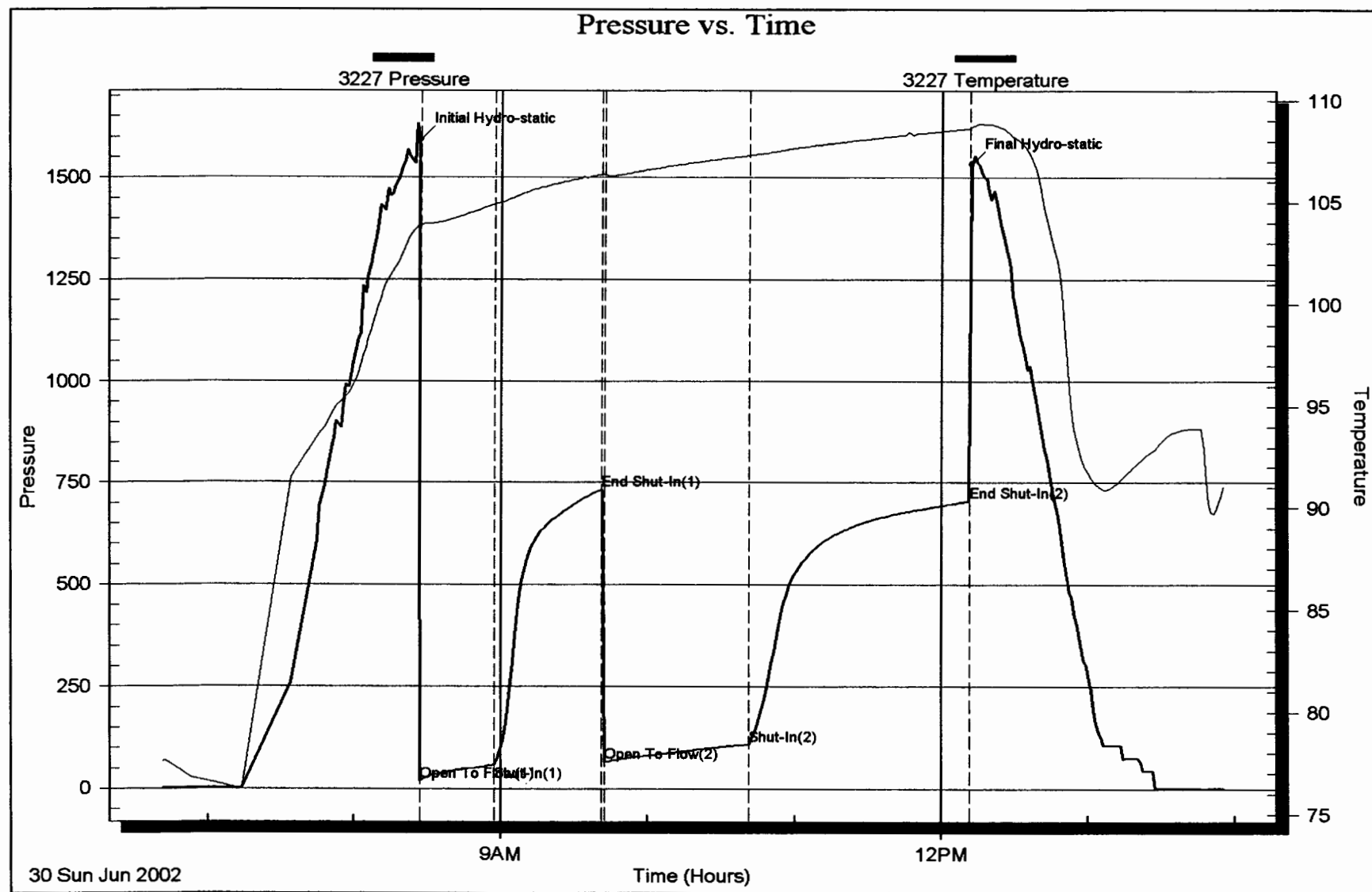
Num Gas Bombs: 0

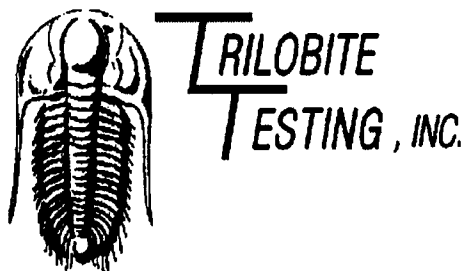
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **American Energies Corporation**

155 N. Market Ste 710
Wichita KS 67202

ATTN: American Energies Cor

20-11s-19w Ellis,Ks

Wild Bill #2

Start Date: 2002.07.01 @ 06:25:49

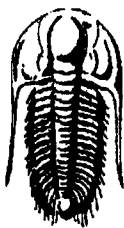
End Date: 2002.07.01 @ 13:21:18

Job Ticket #: 15113 DST #: 2

Trilobite Testing, Inc

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DRILL STEM TEST REPORT

American Energies Corporation

155 N. Market Ste 710
Wichita KS 67202

ATTN: American Energies Cor

Wild Bill #2

20-11s-19w Ellis,Ks

Job Ticket: 15113

DST#: 2

Test Start: 2002.07.01 @ 06:25:49

GENERAL INFORMATION:

Formation: **lower KC**

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

Time Tool Opened: 08:05:03

Time Test Ended: 13:21:18

Test Type: **Conventional Bottom Hole**

Tester: **Shane McBride**

Unit No: **15**

Interval: **3330.00 ft (KB) To 3445.00 ft (KB) (TVD)**

Total Depth: **3445.00 ft (KB) (TVD)**

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

Reference Elevations: **1965.00 ft (KB)**

1960.00 ft (CF)

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

Serial #: 3227

Inside

Press@RunDepth: **30.03 psig @ 3331.00 ft (KB)**

Start Date: **2002.07.01**

End Date:

2002.07.01

Start Time: **06:25:49**

End Time:

13:21:18

Capacity: **7000.00 psig**

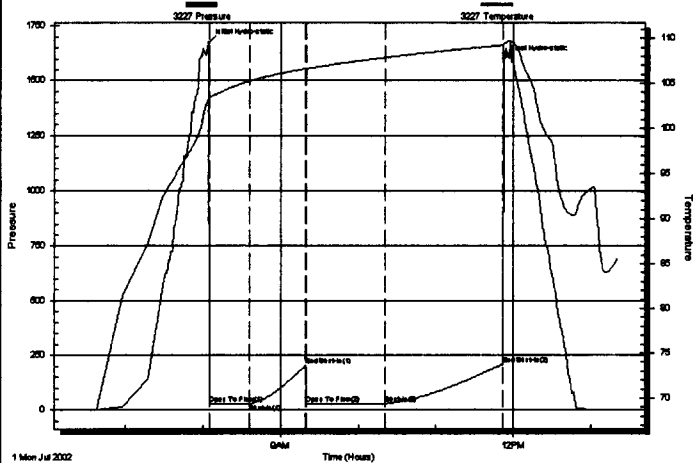
Last Calib.: **1899.12.30**

Time On Btm: **2002.07.01 @ 08:04:48**

Time Off Btm: **2002.07.01 @ 11:52:18**

TEST COMMENT: **Weak 1/2" in. blow**
No return
Bubble to open tool no blow
No return

Pressure vs. Time



PRESSURE SUMMARY

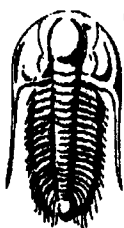
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1671.46	103.41	Initial Hydro-static
1	26.36	103.35	Open To Flow (1)
31	29.21	105.22	Shut-In(1)
75	200.86	106.62	End Shut-In(1)
76	29.20	106.62	Open To Flow (2)
136	30.03	107.85	Shut-In(2)
227	209.01	109.23	End Shut-In(2)
228	1599.64	109.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	drilling mud 100% mud	0.14

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Energies Corporation

Wild Bill #2

155 N. Market Ste 710
Wichita KS 67202

20-11s-19w Ellis, Ks

Job Ticket: 15113

DST#: 2

ATTN: American Energies Cor

Test Start: 2002.07.01 @ 06:25:49

Tool Information

Drill Pipe:	Length: 3330.00 ft	Diameter: 3.80 inches	Volume: 46.71 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 58000.00 lb
			<u>Total Volume: 46.71 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3330.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	115.00 ft			
Tool Length:	135.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			3311.00	
S.I. Tool	5.00			3316.00	
HMV	5.00			3321.00	
Packer	5.00			3326.00	20.00 Bottom Of Top Packer
Packer	4.00			3330.00	
Stubb	1.00			3331.00	
Recorder	0.00	3227	Inside	3331.00	
Perforations	14.00	24174		3345.00	
C.O. Sub	1.00			3346.00	
drillpipe	93.00			3439.00	
C.O. Sub	1.00			3440.00	
Recorder	0.00	11057	Outside	3440.00	
Bullnose	5.00			3445.00	115.00 Bottom Packers & Anchor

Total Tool Length: 135.00



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FLUID SUMMARY

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Wild Bill #2

155 N. Market Ste 710
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20-11s-19w Ells, Ks

Job Ticket: 15113

DST#: 2

ATTN: American Energies Cor

Test Start: 2002.07.01 @ 06:25:49

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: 47.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.77 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2800.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	drilling mud 100% mud	0.140

Total Length: 10.00 ft

Total Volume: 0.140 bbl

Num Fluid Samples: 0

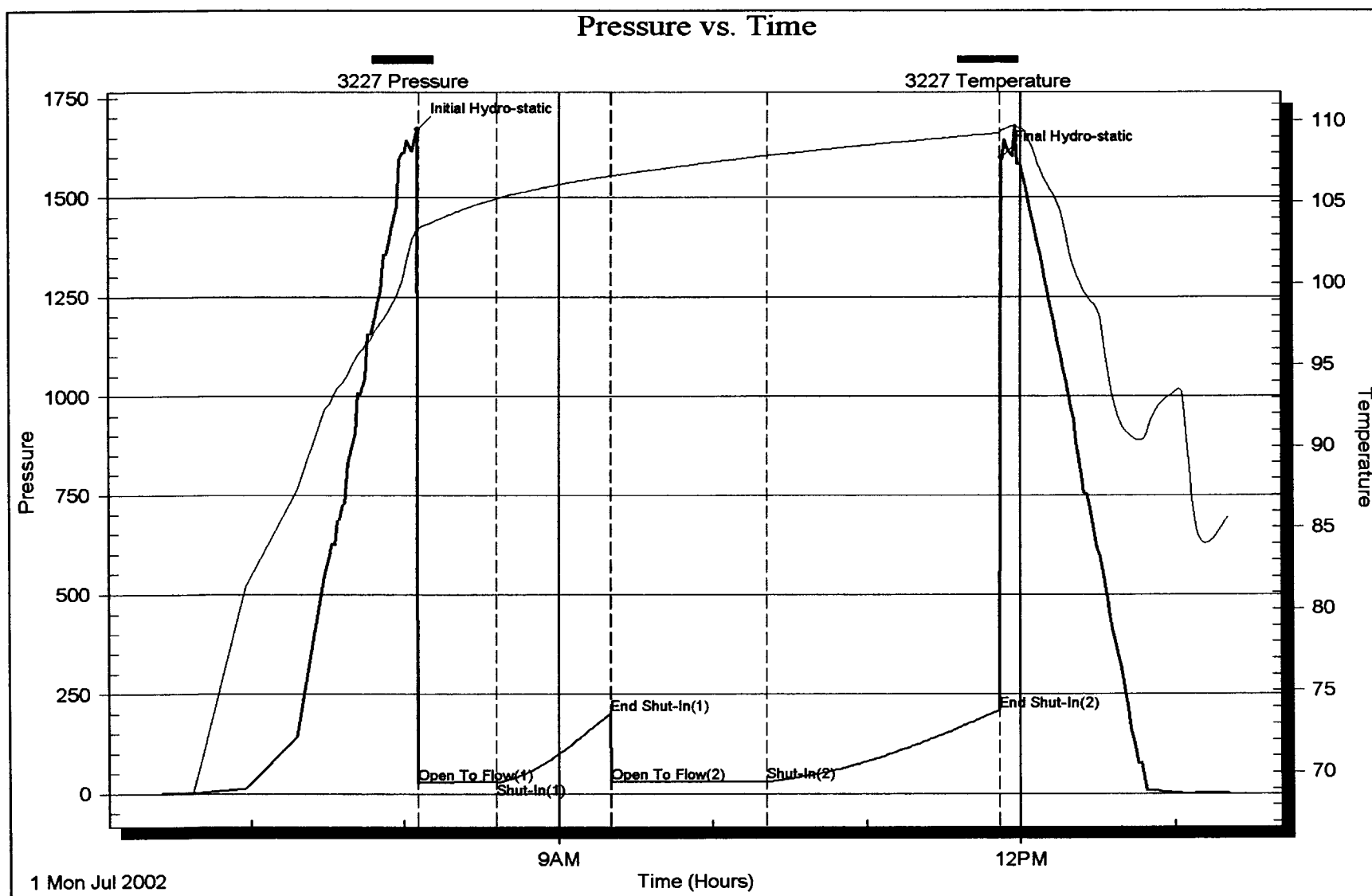
Num Gas Bombs: 0

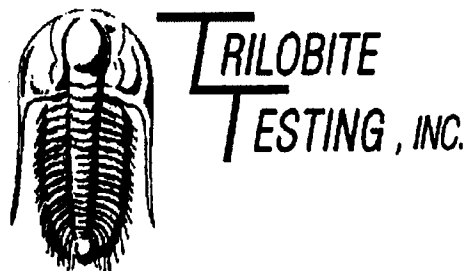
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **American Energies Corporation**

155 N. Market Ste 710
Wichita KS 67202

ATTN: American Energies Cor

20-11s-19w Ellis,Ks

Wild Bill #2

Start Date: 2002.07.02 @ 01:08:11

End Date: 2002.07.02 @ 07:54:26

Job Ticket #: 15399 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILLOBITE
TESTING, INC.

DRILL STEM TEST REPORT

American Energies Corporation

155 N. Market Ste 710
Wichita KS 67202

ATTN: American Energies Cor

Wild Bill #2

20-11s-19w Ells, Ks

Job Ticket: 15399

DST#: 3

Test Start: 2002.07.02 @ 01:08:11

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:30:56

Time Test Ended: 07:54:26

Interval: **3514.00 ft (KB) To 3528.00 ft (KB) (TVD)**

Total Depth: 3528.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole

Tester: Jim Wenrich

Unit No: 14

Reference Elevations: 1965.00 ft (KB)

1960.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 3289

Inside

Press@RunDepth: 256.23 psig @ 3515.00 ft (KB)

Start Date: 2002.07.02

End Date:

2002.07.02

Start Time: 01:08:16

End Time:

07:54:25

Capacity: 7000.00 psig

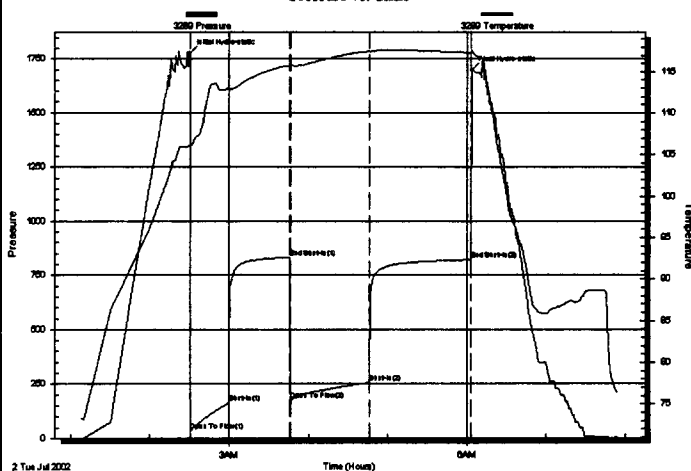
Last Calib.: 1899.12.30

Time On Btm: 2002.07.02 @ 02:30:26

Time Off Btm: 2002.07.02 @ 06:03:26

TEST COMMENT: IF: Strong blow. BOB in 16 min.
IS: No blow.
FF: Strong blow. BOB in 31 min.
FS: No blow.

Pressure vs. Time



PRESSURE SUMMARY

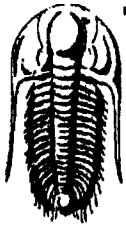
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1776.66	106.12	Initial Hydro-static
1	33.17	106.29	Open To Flow (1)
30	163.01	113.01	Shut-in(1)
76	831.66	115.70	End Shut-in(1)
77	174.04	115.81	Open To Flow (2)
136	256.23	117.48	Shut-in(2)
213	820.92	117.31	End Shut-in(2)
213	1696.61	117.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
370.00	w 100%	1.82
120.00	w m 90%w 10%m	0.94
60.00	ow m 60%o 35%w 5%m	0.55

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Energies Corporation

155 N. Market Ste 710
Wichita KS 67202

ATTN: American Energies Cor

Wild Bill #2

20-11s-19w Ellis, Ks

Job Ticket: 15399

DST#: 3

Test Start: 2002.07.02 @ 01:08:11

Tool Information

Drill Pipe:	Length: 3108.00 ft	Diameter: 3.08 inches	Volume: 28.64 bbl	Tool Weight:	2100.00 lb
Heavy Wt. Pipe:	Length: 408.00 ft	Diameter: 2.25 inches	Volume: 2.01 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:	50000.00 lb
		Total Volume:	30.65 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial	43000.00 lb
Depth to Top Packer:	3514.00 ft			Final	46000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	14.00 ft				
Tool Length:	33.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
S.I. Tool	5.00			3500.00	
HMV	5.00			3505.00	
Packer	5.00			3510.00	19.00 Bottom Of Top Packer
Packer	4.00			3514.00	
Stubb	1.00			3515.00	
Recorder	0.00	3289	Inside	3515.00	
Perforations	11.00			3526.00	
Recorder	0.00	10242	Outside	3526.00	
Bullnose	2.00			3528.00	14.00 Bottom Packers & Anchor
Total Tool Length:	33.00				



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DRILL STEM TEST REPORT

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Wild Bill #2

155 N. Market Ste 710
Wichita KS 67202

20-11s-19w Ellis, Ks

Job Ticket: 15399

DST#: 3

ATTN: American Energies Cor

Test Start: 2002.07.02 @ 01:08:11

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:

20000 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbl

Water Loss: 12.18 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
370.00	w 100%	1.820
120.00	w m 90%w 10%m	0.943
60.00	ow m 60%o 35%w 5%m	0.553

Total Length: 550.00 ft

Total Volume: 3.316 bbl

Num Fluid Samples: 0

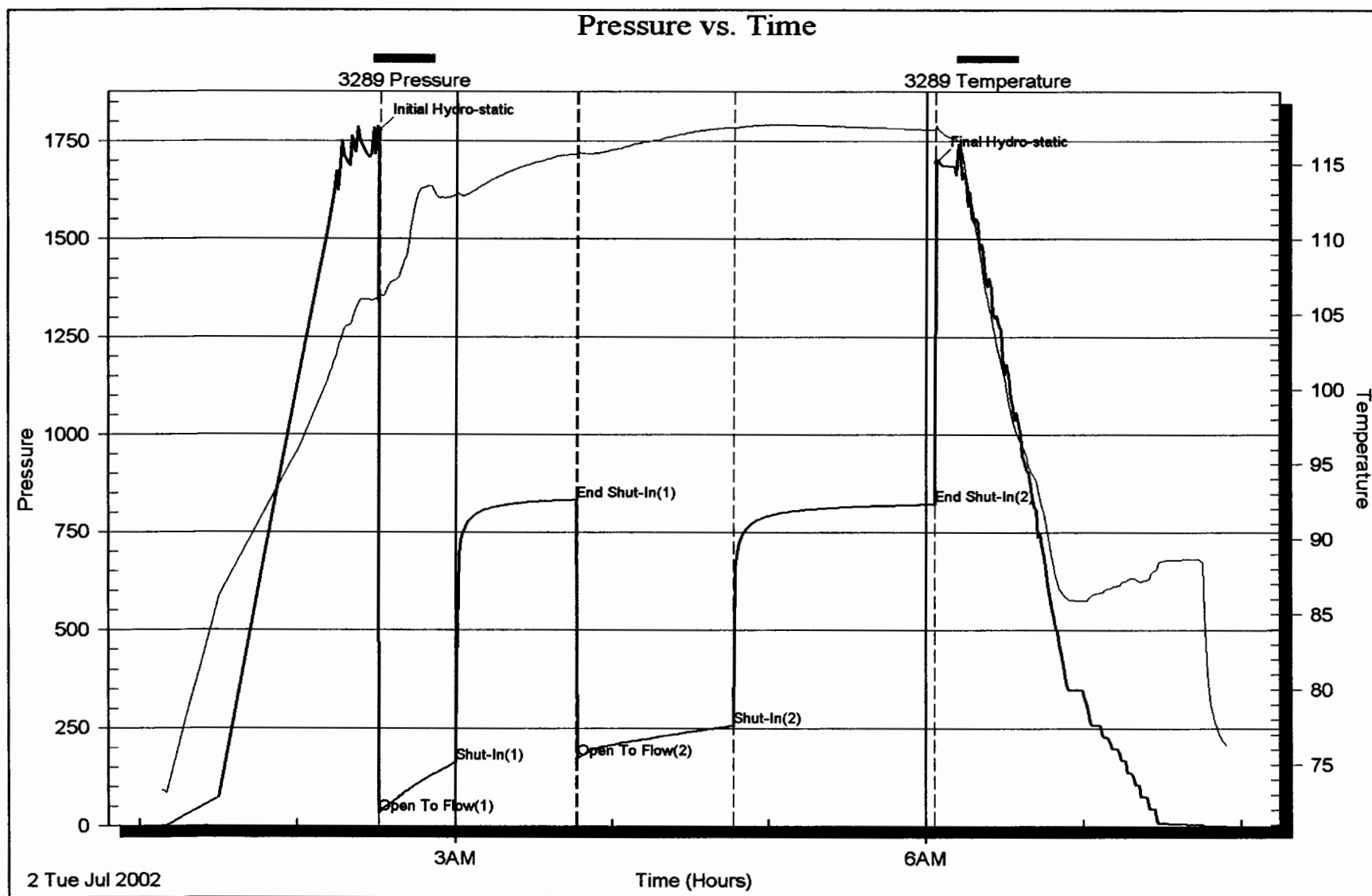
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 15112

Test Ticket

Well Name & No. <u>Wild Bill #2</u>	Test No. <u>#1</u>	Date <u>6-30-02</u>
Company <u>American Energies Co.-p.</u>	Zone Tested <u>LKC A-F</u>	
Address <u>155 N Market, Suite 710 Wichita, KS 67202</u>		Elevation <u>1965'</u> KB <u>1960'</u> GL
Co. Rep / Geo. <u>Randy Killian</u>	Cont. <u>Shields</u>	Est. Ft. of Pay <u> </u> Por. <u> </u> %
Location: Sec. <u>20</u>	Twp. <u>11S</u>	Rge. <u>19W</u> Co. <u>Ellis</u> State <u>KS</u>
No. of Copies <u>Normal</u> Distribution Sheet (Y, N) <u> </u>	Turnkey (Y, N) <u> </u>	Evaluation (Y, N) <u> </u>

Interval Tested <u>3227'</u>	<u>3300'</u>	Initial Str Wt./Lbs. <u>40,000</u>	Unseated Str Wt./Lbs. <u>44,000</u>
Anchor Length <u>73'</u>		Wt. Set Lbs. <u>30,000</u>	Wt. Pulled Loose/Lbs. <u>57,000</u>
Top Packer Depth <u>3222'</u>		Tool Weight <u>1500</u>	
Bottom Packer Depth <u>3227'</u>		Hole Size — 7 7/8" ☒	Rubber Size — 6 3/4" ☒
Total Depth <u>3300'</u>		Wt. Pipe Run <u> </u>	Drill Collar Run <u> </u>
Mud Wt. <u>9.1</u> LCM <u>Ø</u> Vis. <u>40</u> WL <u>11.8</u>		Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>3212'</u>
Blow Description <u>1/4" in. @ open built to 4" in.</u>			
<u>No return</u>			
<u>1/4" in. @ open built to 5" in.</u>			
<u>No return</u>			

Recovery — Total Feet <u>200'</u>	GIP <u>60'</u>	Ft. in DC <u> </u>	Ft. in DP <u>200'</u>
Rec. <u>200'</u>	Feet Of <u>Sg HOCM</u>	10% gas 60% oil	% water 30% 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>108°</u>	°F Gravity <u> </u>	°API D@ <u> </u>	°F Corrected Gravity <u> </u> °API <u> </u>
RW <u> </u> @ <u> </u>	°F Chlorides <u> </u>	ppm Recovery <u> </u>	Chlorides <u>2900</u> ppm System <u> </u>

	AK-1	Alpine			
(A) Initial Hydrostatic Mud		<u>1593</u>	PSI Recorder No. <u>3227</u>	T-On Location <u>05:30 A.M.</u>	
(B) First Initial Flow Pressure		<u>19</u>	PSI (depth) <u>3228'</u>	T-Started <u>06:40 A.M.</u>	
(C) First Final Flow Pressure		<u>58</u>	PSI Recorder No. <u>11057</u>	T-Open <u>08:20 A.M.</u>	
(D) Initial Shut-In Pressure		<u>732</u>	PSI (depth) <u>3295'</u>	T-Pulled <u>12:05 p.m.</u>	
(E) Second Initial Flow Pressure		<u>65</u>	PSI Recorder No. <u> </u>	T-Out <u>14:15 p.m.</u>	
(F) Second Final Flow Pressure		<u>108</u>	PSI (depth) <u> </u>	T-Off Location <u>15:15 p.m.</u>	
(G) Final Shut-in Pressure		<u>705</u>	PSI Initial Opening <u>30</u>	Test X <u>700</u>	
(Q) Final Hydrostatic Mud		<u>1562</u>	PSI Initial Shut-in <u>45</u>	Jars <u> </u>	

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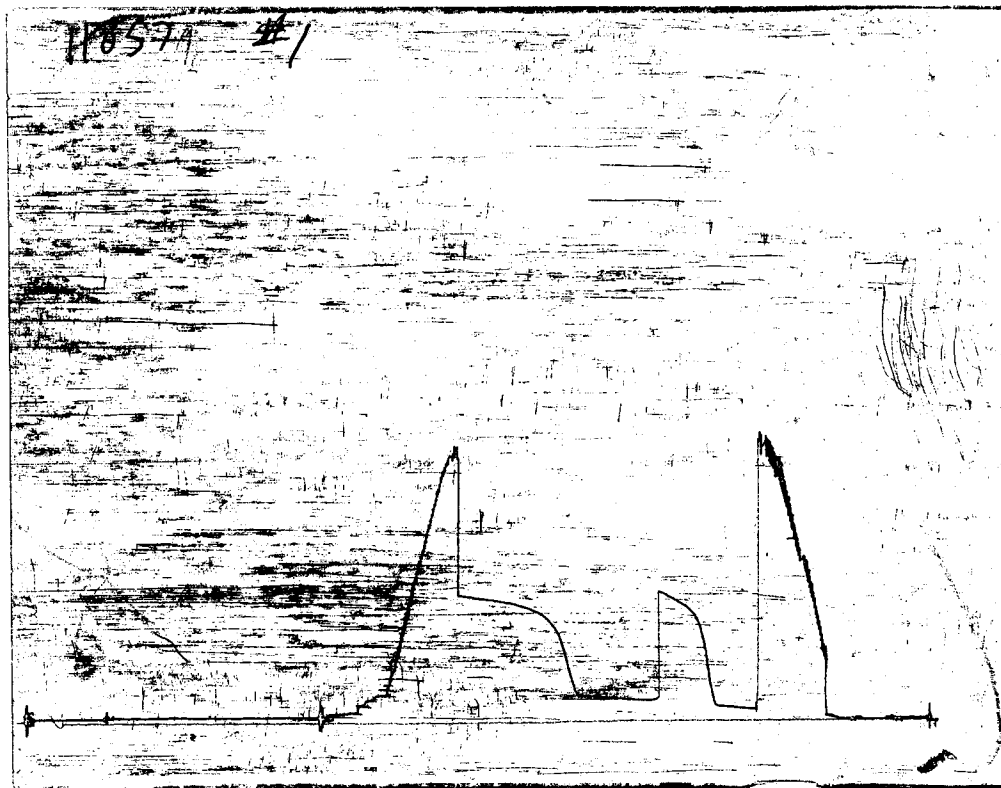
Approved By

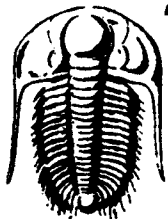
Our Representative

Final Flow <u>60</u>	Safety Joint <u> </u>
Final Shut-in <u>90</u>	Straddle <u> </u>
	Circ. Sub X <u>7/8</u>
	Sampler <u> </u>
	Extra Packer <u> </u>
	Elec. Rec. X <u>150</u>
	Mileage <u>20</u>
	Other <u>2 hrs 60</u>
	TOTAL PRICE \$ <u>930</u>

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 15113

Test Ticket

Well Name & No. <u>Wild Bill #2</u>	Test No. <u>#2</u>	Date <u>7-1-02</u>
Company <u>American Energies Corp</u>	Zone Tested <u>KC</u>	
Address <u>155 N Market, Suite 710 Wichita, KS</u>	Elevation <u>1965'</u> KB <u>1960'</u> GL	
Co. Rep / Geo. <u>Randy Killian</u>	Cont. <u>Shields</u>	Est. Ft. of Pay <u> </u> Por. <u> </u> %
Location: Sec. <u>20</u>	Twp. <u>11S</u>	Rge. <u>19W</u> Co. <u>Ellis</u> State <u>Ks</u>
No. of Copies <u>1</u> Distribution Sheet (Y, N) <u> </u>	Turnkey (Y, N) <u> </u>	Evaluation (Y, N) <u> </u>

Interval Tested <u>3330</u>	<u>3445</u>	Initial Str Wt./Lbs. <u>44,000</u>	Unseated Str Wt./Lbs. <u>44,000</u>
Anchor Length <u>115</u>		Wt. Set Lbs. <u>30,000</u>	Wt. Pulled Loose/Lbs. <u>58,000</u>
Top Packer Depth <u>3325</u>		Tool Weight <u>1,500</u>	
Bottom Packer Depth <u>3330</u>		Hole Size — 7 7/8" ☒	Rubber Size — 6 3/4" ☒
Total Depth <u>3445</u>		Wt. Pipe Run <u> </u>	Drill Collar Run <u> </u>
Mud Wt. <u>9.3</u> LCM <u>Ø</u> Vis. <u>47</u> WL <u>11.8</u>		Drill Pipe Size <u>4 1/2 X 4</u>	Ft. Run <u> </u>
Blow Description <u>Weak 1/2" in. blows</u>			

No return
Bubble to open tool No blow
No return

Recovery — Total Feet <u>10'</u>	GIP <u> </u>	Ft. in DC <u> </u>	Ft. in DP <u>10'</u>
Rec. <u>10'</u> Feet Of <u>Drilling Mud</u>	%gas <u> </u>	%oil <u> </u>	%water <u>100%</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>
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>109°</u> °F Gravity <u> </u>	°API D@ <u> </u>	°F Corrected Gravity <u> </u>	°API <u> </u>
RW <u> </u> @ <u> </u> °F Chlorides <u> </u>	ppm Recovery	Chlorides <u>2800</u>	ppm System

	AK-1	Alpine	
(A) Initial Hydrostatic Mud	<u>1675</u>	PSI Recorder No. <u>3227</u>	T-On Location <u>05:30 a.m.</u>
(B) First Initial Flow Pressure	<u>26</u>	PSI (depth) <u>3331</u>	T-Started <u>06:30 a.m.</u>
(C) First Final Flow Pressure	<u>29</u>	PSI Recorder No. <u>11057</u>	T-Open <u>08:00 a.m.</u>
(D) Initial Shut-In Pressure	<u>200</u>	PSI (depth) <u>3440</u>	T-Pulled <u>11:45 a.m.</u>
(E) Second Initial Flow Pressure	<u>29</u>	PSI Recorder No. <u> </u>	T-Out <u>13:40 p.m.</u>
(F) Second Final Flow Pressure	<u>30</u>	PSI (depth) <u> </u>	T-Off Location <u>14:10 p.m.</u>
(G) Final Shut-in Pressure	<u>209</u>	PSI Initial Opening <u>30</u>	Test <u>700</u>
(Q) Final Hydrostatic Mud	<u>1655</u>	PSI Initial Shut-in <u>45</u>	Jars <u> </u>

Final Flow <u>60</u>	Safety Joint <u> </u>
Final Shut-in <u>90</u>	Straddle <u> </u>
	Circ. Sub <u>x n/c</u>
	Sampler <u> </u>
	Extra Packer <u> </u>
	Elec. Rec. <u>X 150</u>
	Mileage <u>20</u>
	Other <u>1 hr 30</u>
	TOTAL PRICE \$ <u>900</u>

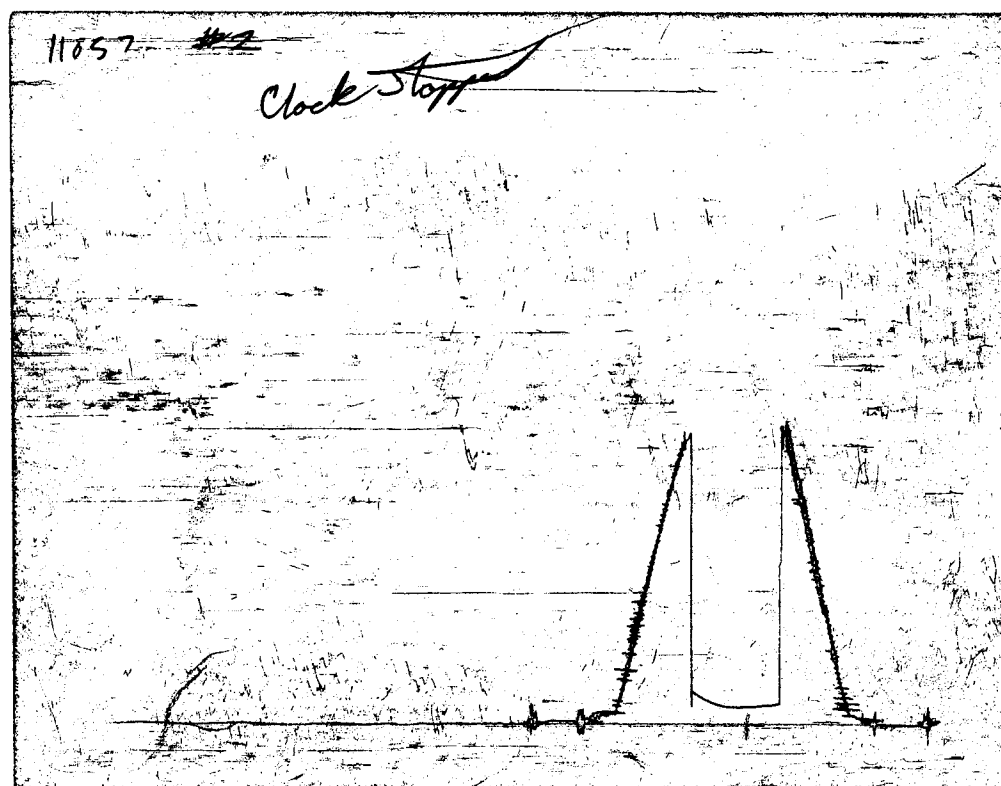
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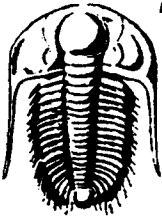
Approved By

Our Representative Shawn M. B. D.

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 15399

Test Ticket

Well Name & No. <u>Wild Bill #2</u>	Test No. <u>3</u>	Date <u>7/2/02</u>
Company <u>American Energy Services</u>	Zone Tested <u>Arbuckle</u>	
Address <u>155 N. Market Street Wichita, KS 67202</u>	Elevation <u>1958</u> KB <u>1953</u> GL	
Co. Rep / Geo. <u>Randall Kilian</u> Cont. <u>Shields Dalg</u>	Est. Ft. of Pay _____	Por. _____ %
Location: Sec. <u>20</u> Twp. <u>11</u> Rge. <u>19</u>	Co. <u>Ellis</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>3514</u> <u>3528</u>	Initial Str Wt./Lbs. <u>43000</u>	Unseated Str Wt./Lbs. <u>46000</u>
Anchor Length <u>14</u>	Wt. Set Lbs. <u>20,000</u>	Wt. Pulled Loose/Lbs. <u>50,000</u>
Top Packer Depth <u>3509</u>	Tool Weight <u>2100</u>	
Bottom Packer Depth <u>3514</u>	Hole Size — 7 7/8" <u>✓</u>	Rubber Size — 6 3/4" <u>✓</u>
Total Depth <u>3528</u>	Wt. Pipe Run <u>408</u>	Drill Collar Run <u>0</u>
Mud Wt. <u>9.3</u> LCM <u>1/2"</u> Vis. <u>56</u> WL <u>12.2</u>	Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>3108</u>
Blow Description <u>IF: Strong blow. B.O.B. 16 min. ISI: No blow</u>		
<u>FF: Strong blow. B.O.B. in 31 mins. FSI: No blow.</u>		

Recovery — Total Feet <u>550</u>	GIP <u>✓</u>	Ft. in DP <u>408</u>	Ft. in DP <u>K/2</u>
Rec. <u>60</u> Feet Of <u>OWM</u>	%gas <u>60</u> %oil <u>35</u> %water <u>5</u> %mud		
Rec. <u>120</u> Feet Of <u>IMW</u>	%gas _____%oil <u>90</u> %water <u>10</u> %mud		
Rec. <u>370</u> Feet Of <u>W</u>	%gas _____%oil <u>100</u> %water _____%mud		
Rec. _____ Feet Of _____	%gas _____%oil _____%water _____%mud		
Rec. _____ Feet Of _____	%gas _____%oil _____%water _____%mud		
BHT <u>117</u> °F Gravity _____	*API D@ _____	*F Corrected Gravity _____	*API _____
RW _____ @ _____ °F	Chlorides <u>20,000</u> ppm Recovery	Chlorides <u>4000</u> ppm System	

	AK-1	Alpine			
(A) Initial Hydrostatic Mud	<u>1777</u>		PSI Recorder No. <u>3289</u>	T-On Location <u>0030</u>	
(B) First Initial Flow Pressure	<u>33</u>		PSI (depth) <u>3515</u>	T-Started <u>0107</u>	
(C) First Final Flow Pressure	<u>162</u>		PSI Recorder No. <u>10242</u>	T-Open <u>0220</u>	7.15
(D) Initial Shut-In Pressure	<u>852</u>		PSI (depth) <u>3526</u>	T-Pulled <u>0605</u>	
(E) Second Initial Flow Pressure	<u>174</u>		PSI Recorder No. _____	T-Out <u>0745</u>	
(F) Second Final Flow Pressure	<u>256</u>		PSI (depth) _____	T-Off Location _____	
(G) Final Shut-in Pressure	<u>821</u>		PSI Initial Opening <u>30</u>	Test <u>✓ 700</u>	
(Q) Final Hydrostatic Mud	<u>1697</u>		PSI Initial Shut-in <u>45</u>	Jars _____	
			Final Flow <u>60</u>	Safety Joint _____	
			Final Shut-in <u>90</u>	Straddle _____	

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Approved By Randall Kilian
Our Representative Jim Wenrich

Extra Packer _____
Elec. Rec. ✓ 150
Mileage ✓ 20
Other _____
TOTAL PRICE \$ 870

CHART PAGE

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

