

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name SUNLEY C #1 Test No. 1 Date 11/3/92
Company AMERICAN ENERGIES CORPORATION Zone CHEROKEE 'A'
Address 155 N MARKET #710 WICHITA KS 67202 Elevation 2291
Co. Rep./Geo. TYLER SANDERS Cont. MALLARD J.V. Est. Ft. of Pay _____
Location: Sec. 36 Twp. 16S Rge. 22W Co. NESS State KS

Interval Tested	<u>4183-4196</u>	Drill Pipe Size	<u>4.5" FH</u>
Anchor Length	<u>13</u>	Wt. Pipe I.D. - 2.7 Ft. Run	_____
Top Packer Depth	<u>4178</u>	Drill Collar - 2.25 Ft. Run	<u>241</u>
Bottom Packer Depth	<u>4183</u>	Mud Wt.	<u>9</u> lb/Gal.
Total Depth	<u>4196</u>	Viscosity	<u>49</u> Filtrate <u>7.6</u>

Tool Open @ 12:24 AM Initial Blow VERY WEAK 1/4" BLOW BUILDING TO 2"

Final Blow _____

Recovery - Total Feet 65 Flush Tool? NO

Rec. <u>2</u>	Feet of	<u>CLEAN OIL</u>
Rec. <u>63</u>	Feet of	<u>SLTLY OIL CUT WATERY MUD-5%OIL/25%WTR/70%MUD</u>
Rec. _____	Feet of	_____
Rec. _____	Feet of	_____
Rec. _____	Feet of	_____

BHT 107 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW 0.76 @ 60 °F Chlorides 9500 ppm Recovery Chlorides 5000 ppm System

(A) Initial Hydrostatic Mud 2096.3 PSI AK1 Recorder No. 22150 Range 3925

(B) First Initial Flow Pressure 32.4 PSI @ (depth) 4186 w / Clock No. 27501

(C) First Final Flow Pressure 53.6 PSI AK1 Recorder No. 24174 Range 3050

(D) Initial Shut-in Pressure _____ PSI @ (depth) 4195 w / Clock No. 27573

(E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

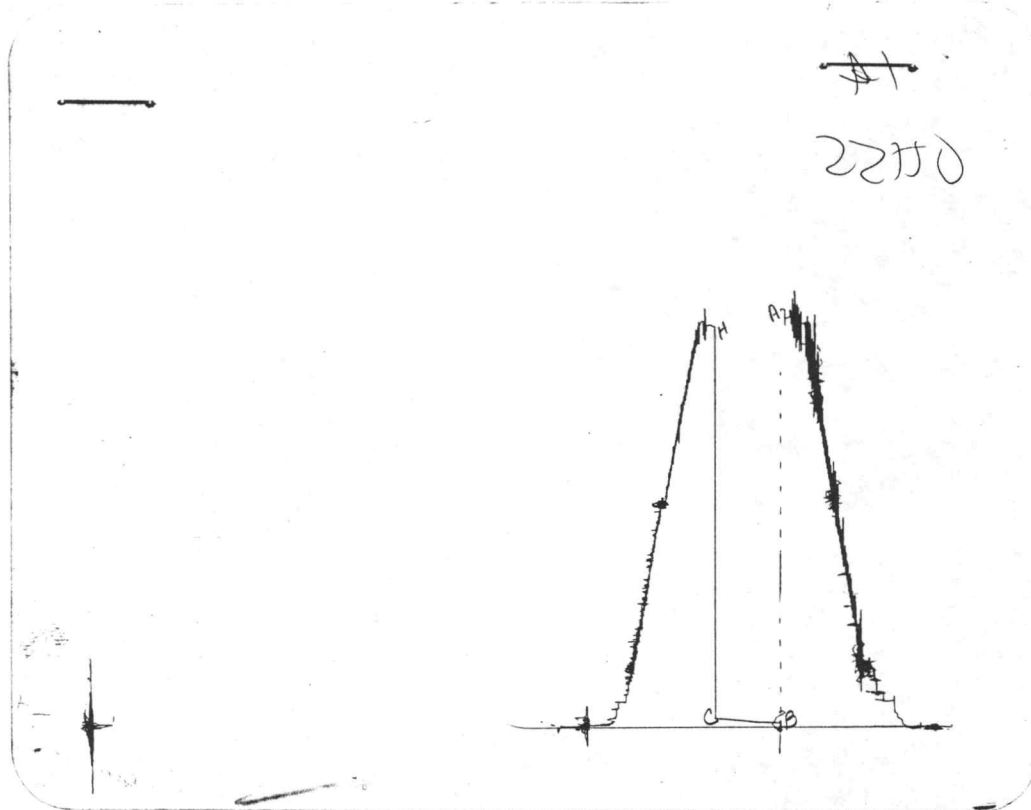
(F) Second Final Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure _____ PSI Initial Opening 45 Final Flow _____

(H) Final Hydrostatic Mud 2001.9 PSI Initial Shut-in _____ Final Shut-in _____

Our Representative PAUL SIMPSON

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2090	2096.3
(B) FIRST INITIAL FLOW PRESSURE	29	32.4
(C) FIRST FINAL FLOW PRESSURE	48	53.6
(D) INITIAL CLOSED-IN PRESSURE		
(E) SECOND INITIAL FLOW PRESSURE		
(F) SECOND FINAL FLOW PRESSURE		
(G) FINAL CLOSED-IN PRESSURE		
(H) FINAL HYDROSTATIC MUD	2000	2001.9

TRILOBITE TESTING L.L.C.

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Test Ticket

No 5539

Well Name & No. <u>Sunley C #1</u>	Test No. <u>1</u>	Date <u>11-3-92</u>
Company <u>American Energies Corp</u>	Zone Tested <u>Ch'A' Sand</u>	
Address <u>155 N Market #10 Wichita, KS 67202</u>	Elevation <u>2291 G.L.</u>	
Co. Rep./Geo. <u>Tyler Sanders</u>	Cont. <u>Mallard J.V.</u>	Est. Ft. of Pay _____
Location: Sec. <u>36</u> Twp. <u>16s</u> Rge. <u>22w</u> Co. <u>Ness</u> State <u>Ks</u>		
No. of Copies _____	Distribution Sheet _____	Yes _____ No _____ Turnkey _____ Yes _____ No _____ Evaluation _____

Interval Tested <u>4183-4196</u>	Drill Pipe Size <u>4 1/2 FH</u>
Anchor Length <u>13</u>	Top Choke — 1" _____ Bottom Choke — 3/4" _____
Top Packer Depth <u>4178</u>	Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____
Bottom Packer Depth <u>4183</u>	Wt. Pipe I.D. — 2.7 Ft. Run _____
Total Depth <u>4196</u>	Drill Collar — 2.25 Ft. Run <u>241</u>
Mud Wt. <u>9.0</u> lb/gal.	Viscosity <u>49</u> Filtrate <u>7.6</u>
Tool Open @ <u>12:24 AM</u>	Initial Blow <u>ultrate bu blow building to 2"</u>

Final Blow _____

Recovery — Total Feet <u>65</u>	Feet of Gas in Pipe _____	Flush Tool? _____
Rec. <u>2</u> Feet Of <u>cl oil</u>	%gas _____ %oil _____ %water _____ %mud _____	
Rec. <u>63</u> Feet Of <u>socwm</u>	%gas <u>5</u> %oil <u>25</u> %water <u>70</u> %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	

BHT <u>107</u> °F Gravity _____	°API @ _____	°F Corrected Gravity _____	°API _____
RW <u>76</u> @ <u>60</u> °F	chlorides <u>9500</u> ppm Recovery	chlorides <u>5000</u> ppm System	
(A) Initial Hydrostatic Mud <u>2090</u>	PSI AK1 Recorder No. <u>22150</u>	Range <u>3925</u>	
(B) First Initial Flow Pressure <u>29</u>	PSI @ (depth) <u>4186</u>	w/Clock No. <u>27501</u>	
(C) First Final Flow Pressure <u>48</u>	PSI AK1 Recorder No. <u>24174</u>	Range <u>3050</u>	
(D) Initial Shut-In Pressure <u>-</u>	PSI @ (depth) <u>4195</u>	w/Clock No. <u>27573</u>	
(E) Second Initial Flow Pressure <u>-</u>	PSI AK1 Recorder No. _____	Range _____	
(F) Second Final Flow Pressure <u>-</u>	PSI @ (depth) _____	w/Clock No. _____	
(G) Final Shut-In Pressure <u>-</u>	PSI Initial Opening <u>3045</u>	Test <u>4</u>	
(H) Final Hydrostatic Mud <u>2000</u>	PSI Initial Shut-In _____	Jars <u>4</u>	

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Approved By Tyler A. Sanders
 Our Representative Paul Simpson

Final Flow _____ Safety Joint X
 Final Shut-In _____ Straddle _____
 Circ. Sub _____
 Sampler _____
 Extra Packer _____
 Other _____

TRILOBITE TESTING, L.L.C.

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Drill-Stem Test Data

Well Name SUNLEY C #1 Test No. 2 Date 11/3/92
Company AMERICAN ENERGIES CORPORATION Zone CHEROKEE 'A'
Address 155 N MARKET #710 WICHITA KS 67202 Elevation 2291
Co. Rep./Geo. TYLER SANDERS Cont. MALLARD J.V. Est. Ft. of Pay _____
Location: Sec. 36 Twp. 16S Rge. 22W Co. NESS State KS

Interval Tested <u>4184-4201</u>	Drill Pipe Size <u>4.5" FH</u>
Anchor Length <u>17</u>	Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth <u>4179</u>	Drill Collar - 2.25 Ft. Run <u>241</u>
Bottom Packer Depth <u>4184</u>	Mud Wt. <u>8.8</u> lb/Gal.
Total Depth <u>4201</u>	Viscosity <u>46</u> Filtrate <u>9</u>

Tool Open @ 10:35 AM ^{Initial Blow} 1/4" BLOW BUILDING TO 3"

Final Blow VERY WEAK SURFACE BLOW BUILDING TO 1/2"

Recovery - Total Feet 120 Flush Tool? NO

Rec. <u>3</u>	Feet of <u>CLEAN OIL</u>
Rec. <u>117</u>	Feet of <u>OIL STAINED MUD-2%OIL/68%WTR/30%MUD</u>
Rec. _____	Feet of _____
Rec. _____	Feet of _____
Rec. _____	Feet of _____

BHT 110 °F Gravity 33 °API @ 60 °F Corrected Gravity 33 °API
RW 0.51 @ 50 °F Chlorides 19000 ppm Recovery Chlorides 6000 ppm System

(A) Initial Hydrostatic Mud 2096.3 PSI AK1 Recorder No. 22150 Range 3925

(B) First Initial Flow Pressure 41.3 PSI @ (depth) 4188 w / Clock No. 27573

(C) First Final Flow Pressure 55.6 PSI AK1 Recorder No. 24174 Range 3050

(D) Initial Shut-in Pressure 350.9 PSI @ (depth) 4200 w / Clock No. 30401

(E) Second Initial Flow Pressure 75.4 PSI AK1 Recorder No. _____ Range _____

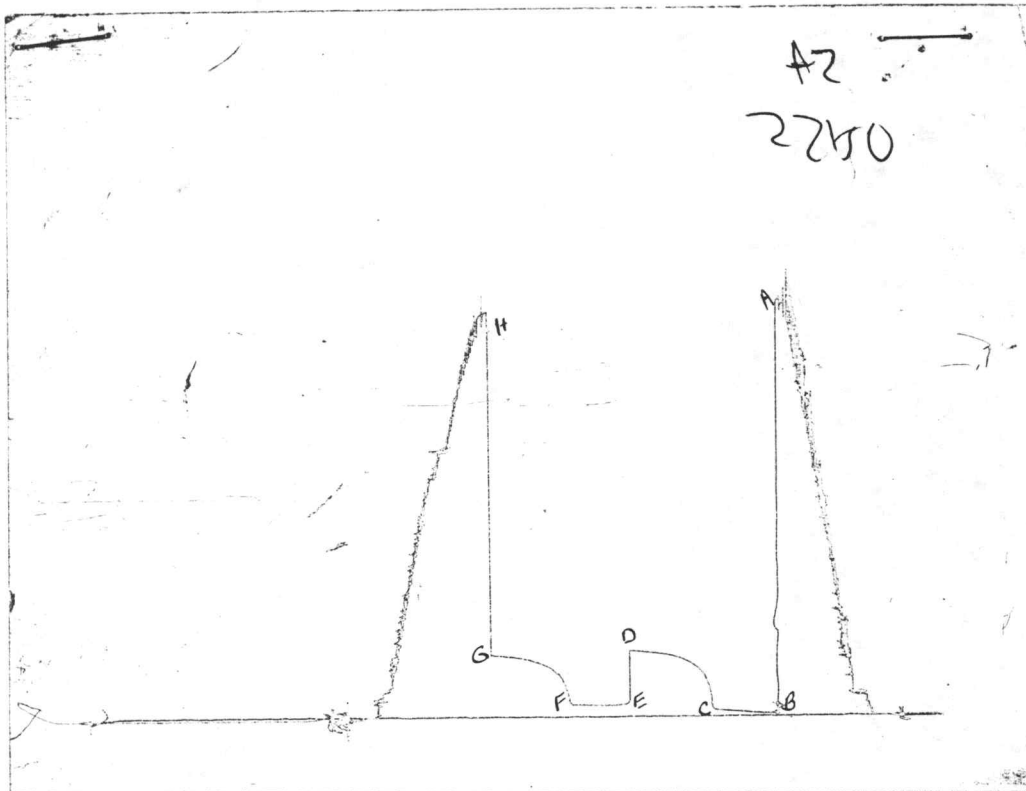
(F) Second Final Flow Pressure 83.4 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 333.4 PSI Initial Opening 45 Final Flow 45

(H) Final Hydrostatic Mud 2035.9 PSI Initial Shut-in 60 Final Shut-in 60

Our Representative PAUL SIMPSON

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2096	2096.3
(B) FIRST INITIAL FLOW PRESSURE	37	41.3
(C) FIRST FINAL FLOW PRESSURE	52	55.6
(D) INITIAL CLOSED-IN PRESSURE	346	350.9
(E) SECOND INITIAL FLOW PRESSURE	74	75.4
(F) SECOND FINAL FLOW PRESSURE	82	83.4
(G) FINAL CLOSED-IN PRESSURE	331	333.4
(H) FINAL HYDROSTATIC MUD	2034	2035.9

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Test Ticket

No 5540

Well Name & No. <u>Sunley C#1</u>	Test No. <u>2</u>	Date <u>11-3-92</u>
Company <u>American Energies Corp</u>	Zone Tested <u>Cher 'A' Sand</u>	
Address _____	Elevation <u>2291</u>	
Co. Rep./Geo. <u>Tyler Sanders</u>	cont. <u>Mallard J.V.</u>	Est. Ft. of Pay _____
Location: Sec. <u>36</u>	Twp. <u>16s</u>	Rge. <u>22w</u>
	Co. <u>Ness</u>	State <u>Ks</u>
No. of Copies _____	Distribution Sheet _____	Yes _____ No _____ Turnkey _____ Yes _____ No _____ Evaluation _____

Interval Tested <u>4184-4201</u>	Drill Pipe Size <u>4 1/2 F1</u>
Anchor Length <u>17</u>	Top Choke — 1" Bottom Choke — 3/4"
Top Packer Depth <u>4179</u>	Hole Size — 77/8" Rubber Size — 63/4"
Bottom Packer Depth <u>4184</u>	Wt. Pipe I.D. — 2.7 Ft. Run _____
Total Depth <u>4201</u>	Drill Collar — 2.25 Ft. Run _____
Mud Wt. <u>8.8</u> lb/gal.	Viscosity <u>46</u> Filtrate <u>9.0</u>
Tool Open @ <u>10:35 AM</u>	Initial Blow <u>1/4" blow building to 3"</u>
Final Blow <u>01 weak surface blow building to 1/2"</u>	

Recovery — Total Feet <u>120</u>	Feet of Gas in Pipe _____	Flush Tool? _____
Rec. <u>3</u> Feet Of <u>cl oil</u>	%gas _____ %oil _____ %water _____ %mud _____	
Rec. <u>1107</u> Feet Of <u>OS MW</u>	%gas <u>2</u> %oil <u>68</u> %water <u>30</u> %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	

BHT <u>110</u> °F Gravity <u>33</u>	°API @ <u>60</u>	°F Corrected Gravity <u>33</u>	°API _____
RW <u>.51</u> @ <u>50</u> °F Chlorides <u>19,000</u> ppm Recovery	Chlorides <u>6000</u> ppm System		
(A) Initial Hydrostatic Mud <u>2096</u>	PSI AK1 Recorder No. <u>22150</u>	Range <u>3925</u>	
(B) First Initial Flow Pressure <u>37</u>	PSI @ (depth) <u>4188</u>	w/Clock No. <u>27573</u>	
(C) First Final Flow Pressure <u>52</u>	PSI AK1 Recorder No. <u>24174</u>	Range <u>30404 3050</u>	
(D) Initial Shut-In Pressure <u>346</u>	PSI @ (depth) <u>4200</u>	w/Clock No. <u>30401</u>	
(E) Second Initial Flow Pressure <u>74</u>	PSI AK1 Recorder No. _____	Range _____	
(F) Second Final Flow Pressure <u>82</u>	PSI @ (depth) _____	w/Clock No. _____	
(G) Final Shut-In Pressure <u>331</u>	PSI Initial Opening <u>45</u>	Test _____	
(H) Final Hydrostatic Mud <u>2034</u>	PSI Initial Shut-In <u>60</u>	Jars <u>4</u>	

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Final Flow <u>45</u>	Safety Joint <u>A</u>
Final Shut-In <u>60</u>	Straddle _____
	Circ. Sub _____
	Sampler _____
	Extra Packer _____
	Other _____
	TOTAL PRICE \$ <u>800.00</u>

Approved By Tyler H. Sanders

Our Representative Paul Simpson

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name SUNLEY C #1 Test No. 3 Date 11/4/92
Company AMERICAN ENERGIES CORPORATION Zone MISSISSIPPI
Address 155 N MARKET #710 WICHITA KS 67202 Elevation 2291
Co. Rep./Geo. TYLER SANDERS Cont. MALLARD J.V. Est. Ft. of Pay _____
Location: Sec. 36 Twp. 16S Rge. 22W Co. NESS State KS

Interval Tested <u>4278-4288</u>	Drill Pipe Size <u>4.5" FH</u>
Anchor Length <u>10</u>	Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth <u>4273</u>	Drill Collar - 2.25 Ft. Run <u>241</u>
Bottom Packer Depth <u>4278</u>	Mud Wt. <u>9.2</u> lb/Gal.
Total Depth <u>4288</u>	Viscosity <u>48</u> Filtrate <u>10.8</u>

Tool Open @ 6:02 AM Initial Blow 1" BLOW BUILDING TO BOTTOM OF BUCKET IN 8 MINUTES

Final Blow 1/2" BLOW BUILDING TO BOTTOM OF BUCKET IN 13 MINUTES

Recovery - Total Feet 720 Flush Tool? NO

Rec. <u>720</u>	Feet of <u>SALT WATER</u>
Rec. _____	Feet of _____
Rec. _____	Feet of _____
Rec. _____	Feet of _____
Rec. _____	Feet of _____

BHT 117 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW 0.29 @ 69.7 °F Chlorides 25000 ppm Recovery Chlorides _____ ppm System

(A) Initial Hydrostatic Mud 2189.6 PSI AK1 Recorder No. 22150 Range 3925

(B) First Initial Flow Pressure 75.4 PSI @ (depth) 4279 w / Clock No. 30401

(C) First Final Flow Pressure 230.6 PSI AK1 Recorder No. 24174 Range 3050

(D) Initial Shut-in Pressure 1215.8 PSI @ (depth) 4287 w / Clock No. 27501

(E) Second Initial Flow Pressure 265.9 PSI AK1 Recorder No. _____ Range _____

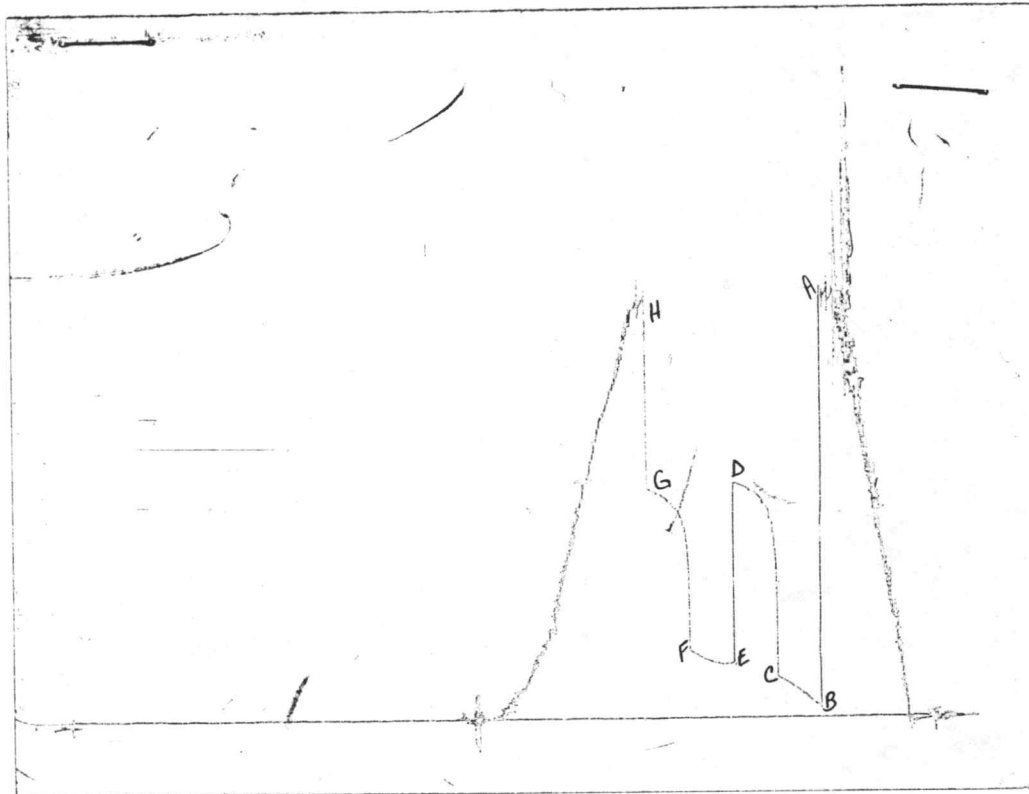
(F) Second Final Flow Pressure 366.7 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 1189.4 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 2145.7 PSI Initial Shut-in 30 Final Shut-in 30

Our Representative PAUL SIMPSON

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2182	2189.6
(B) FIRST INITIAL FLOW PRESSURE	74	75.4
(C) FIRST FINAL FLOW PRESSURE	225	230.6
(D) INITIAL CLOSED-IN PRESSURE	1213	1215.8
(E) SECOND INITIAL FLOW PRESSURE	263	265.9
(F) SECOND FINAL FLOW PRESSURE	362	366.7
(G) FINAL CLOSED-IN PRESSURE	1183	1189.4
(H) FINAL HYDROSTATIC MUD	2144	2145.7

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 5541

Well Name & No. <u>Sunley C#1</u>	Test No. <u>3</u>	Date <u>11-4-92</u>
Company <u>American Energies</u>	Zone Tested <u>Miss</u>	
Address _____	Elevation <u>2291</u>	
Co. Rep./Geo. <u>Tyler Sanders</u>	Cont. <u>Mallard JV</u>	Est. Ft. of Pay _____
Location: Sec. <u>36</u> Twp. <u>16s</u> Rge. <u>22w</u>	Co. <u>Ness</u>	State <u>Ks</u>
No. of Copies _____	Distribution Sheet _____	Yes _____ No _____ Turnkey _____ Yes _____ No _____ Evaluation _____

Interval Tested <u>4278-4288</u>	Drill Pipe Size <u>4 1/2 FH</u>
Anchor Length <u>10</u>	Top Choke — 1" _____ Bottom Choke — 3/4" _____
Top Packer Depth <u>4273</u>	Hole Size — 77/8" _____ Rubber Size — 63/4" _____
Bottom Packer Depth <u>4278</u>	Wt. Pipe I.D. — 2.7 Ft. Run _____
Total Depth <u>4288</u>	Drill Collar — 2.25 Ft. Run <u>241</u>
Mud Wt. <u>9.2</u> lb/gal.	Viscosity <u>48</u> Filtrate <u>108</u>
Tool Open @ <u>6:02 AM</u>	Initial Blow <u>1" blow building to bottom of bucket in 8 minutes</u>
Final Blow <u>1/2" blow building to bottom of bucket in 13 minutes</u>	

Recovery — Total Feet <u>720</u>	Feet of Gas in Pipe _____	Flush Tool? _____
Rec. <u>720</u> Feet Of <u>salt water</u>	% 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 _____	
Rec. _____ Feet Of _____	% gas _____ % oil _____ % water _____ % mud _____	

BHT <u>117</u> °F	Gravity _____ °API @ _____ °F	Corrected Gravity _____ °API
RW <u>2.9</u> @ <u>69.7</u> °F	Chlorides <u>25,000</u> ppm	Recovery Chlorides _____ ppm System
(A) Initial Hydrostatic Mud <u>2182</u>	PSI AK1 Recorder No. <u>22150</u>	Range <u>3925</u>
(B) First Initial Flow Pressure <u>74</u>	PSI @ (depth) <u>4279</u>	w/Clock No. <u>30401</u>
(C) First Final Flow Pressure <u>225</u>	PSI AK1 Recorder No. <u>24174</u>	Range <u>3050</u>
(D) Initial Shut-In Pressure <u>1213</u>	PSI @ (depth) <u>4287</u>	w/Clock No. <u>27501</u>
(E) Second Initial Flow Pressure <u>263</u>	PSI AK1 Recorder No. _____	Range _____
(F) Second Final Flow Pressure <u>362</u>	PSI @ (depth) _____	w/Clock No. _____
(G) Final Shut-In Pressure <u>1183</u>	PSI Initial Opening <u>30</u>	Test <u>y</u>
(H) Final Hydrostatic Mud <u>2144</u>	PSI Initial Shut-In <u>30</u>	Jars <u>x</u>

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Final Flow <u>30</u>	Safety Joint <u>x</u>
Final Shut-In <u>30</u>	Straddle _____
	Circ. Sub _____
	Sampler _____

Approved By Tyler H. Sanders
 Our Representative Paul Syson

Extra Packer _____
 Other _____
 TOTAL PRICE \$ 800