

TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name & No.	Davis 'G' #1	Test No.	1	Date	11-10-87				
Company	American Energies Corp.	Zone Tested	Marmoton						
Address	155 N. Market #710	Wichita, Ks.	67202	Elevation	2980				
Co. Rep./Geo.	Bill Hart	Cont.	Warrior #2	Est. Ft. of Pay	6'3				
Location: Sec.	10	Twp.	21s	Rge.	34w	Co.	Finney	state	Ks.

Interval Tested	4355 - 4386	Drill Pipe Size	4 1/2" XH		
Anchor Length	31	Top Choke	— 1"		
Top Packer Depth	4350	Bottom Choke	— 3/4"		
Bottom Packer Depth	4355	Hole Size	— 7 7/8"		
Total Depth	4386	Rubber Size	— 6 3/4"		
Wt. Pipe I.D. — 2.7		Ft. Run			
Drill Collar — 2.25		Ft. Run			
Mud Wt.	9.4 lb./gal.	Viscosity	44	Filtrate	10
Tool Open @	5:44 p.m.	Initial Blow	1/2" blow building to 3"		

Final Blow 1/2" blow building to 3 1/2"

Recovery — Total Feet	75	Flush Tool?	
Rec.	20	Feet of	gas in pipe
Rec.	60	Feet of	oil and water cut mud 20% oil, 20% water, 60% mud
Rec.	15	Feet of	slightly oil specked mud
Rec.		Feet of	
Rec.		Feet of	

BHT	124 °F	Gravity		°API @		°F	Corrected Gravity		°API	
RW	.318 @	70 °F	Chlorides	21,500	ppm	Recovery	Chlorides	9,000	ppm	System

(A) Initial Hydrostatic Mud	2231.4	PSI	AK1 Recorder No.	13339	Range	4000
(B) First Initial Flow Pressure	37.4	PSI	@ (depth)	4385	w/Clock No.	25810
(C) First Final Flow Pressure	37.4	PSI	AK1 Recorder No.	13851	Range	4425
(D) Initial Shut-in Pressure	1148.6	PSI	@ (depth)	4380	w/Clock No.	25811
(E) Second Initial Flow Pressure	45.7	PSI	Initial Opening	30		
(F) Second Final Flow Pressure	52.0	PSI	Initial Shut-in	60		
(G) Final Shut-in Pressure	1140.5	PSI	Final Flow	45		
(H) Final Hydrostatic Mud	2189.3	PSI	Final Shut-in	75		

Our Representative Paul Simpson TOTAL PRICE \$ 450.00
Printcraft Printers - Hays, KS

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 DST #1 y
 13339

This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud.....	2233	2231.4	PSI
(B) First Initial Flow Pressure.....	31	37.4	PSI
(C) First Final Flow Pressure.....	31	37.4	PSI
(D) Initial Closed-in Pressure.....	1141	1148.6	PSI
(E) Second Initial Flow Pressure.....	42	45.7	PSI
(F) Second Final Flow Pressure.....	52	52.0	PSI
(G) Final Closed-in Pressure.....	1131	1140.5	PSI
(H) Final Hydrostatic Mud.....	2183	2189.3	PSI

American Energy

INITIAL SHUT-IN BUILDUP
DST #1

RECORDER # 13339
INITIAL FLOW TIME (MIN.): 30

MIN	LOG(T+MIN/MIN)	PRESSURE	<> PRESSURE
0	0	37.4	37.4
3	1.04121	37.4	0
6	.778011	49.9	12.5
9	.636707	83.2	33.3
12	.54397	183	99.8
15	.477035	457.4	274.4
18	.425892	925.8	468.4
21	.385281	1020	94.2
24	.352119	1048.2	28.2
27	.324453	1068.2	20
30	.300976	1082.3	14.1
33	.280776	1096.3	14
36	.263194	1106.4	10.1
39	.24774	1114.4	8
42	.234041	1122.5	8.1
45	.221809	1128.5	6
48	.210815	1134.5	6
51	.200879	1138.5	4
54	.191851	1142.5	4
57	.183611	1144.5	2
60	.17606	1148.6	4.1

FINAL SHUT-IN BUILDUP
DST #1

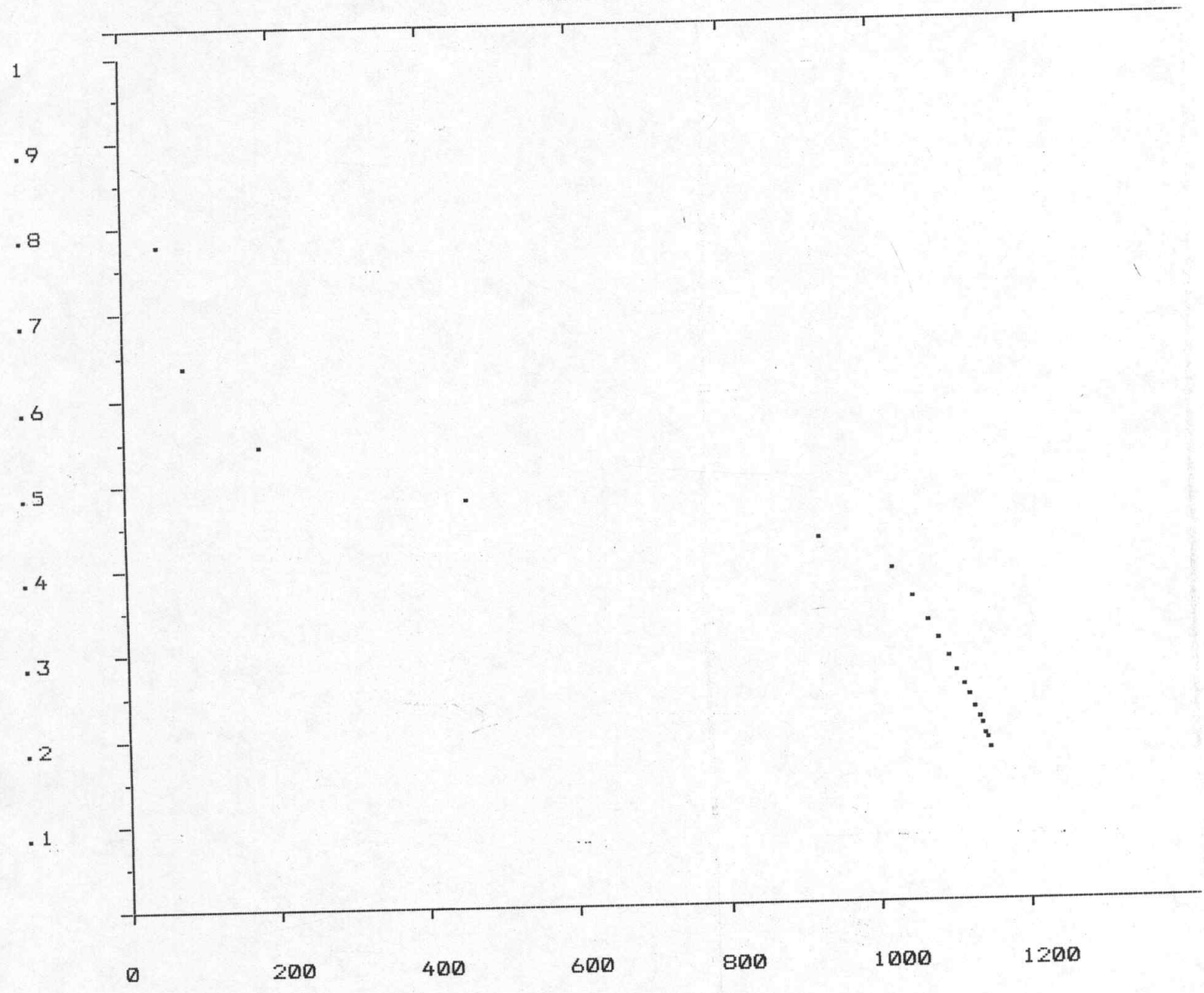
RECORDER # 13339
TOTAL FLOW TIME (MIN.): 75

MIN	LOG(T+MIN/MIN)	PRESSURE	<> PRESSURE
0	0	52	52
3	1.41472	70.7	18.7
6	1.13013	139.3	68.6
9	.969862	336.8	197.5
12	.860183	753.5	416.7
15	.778011	967.9	214.4
18	.713082	1016	48.1
21	.659933	1036.1	20.1
24	.615313	1052.2	16.1
27	.577132	1064.2	12
30	.54397	1074.3	10.1
33	.514817	1084.3	10
36	.488932	1094.3	10
39	.465756	1102.4	8.1
42	.444856	1108.4	6
45	.425892	1112.4	4
48	.40859	1118.4	6
51	.39273	1120.4	2
54	.378128	1124.5	4.1
57	.364633	1128.5	4
60	.352119	1130.5	2
63	.340477	1132.5	2
66	.329616	1134.5	2
69	.319456	1136.5	2
72	.309929	1138.5	2
75	.300976	1140.5	2

11 March
Energy

DST#1
INITIAL SHUT-IN
HORNER PLOT
PRESSURE

LOG(T+MIN/MIN)

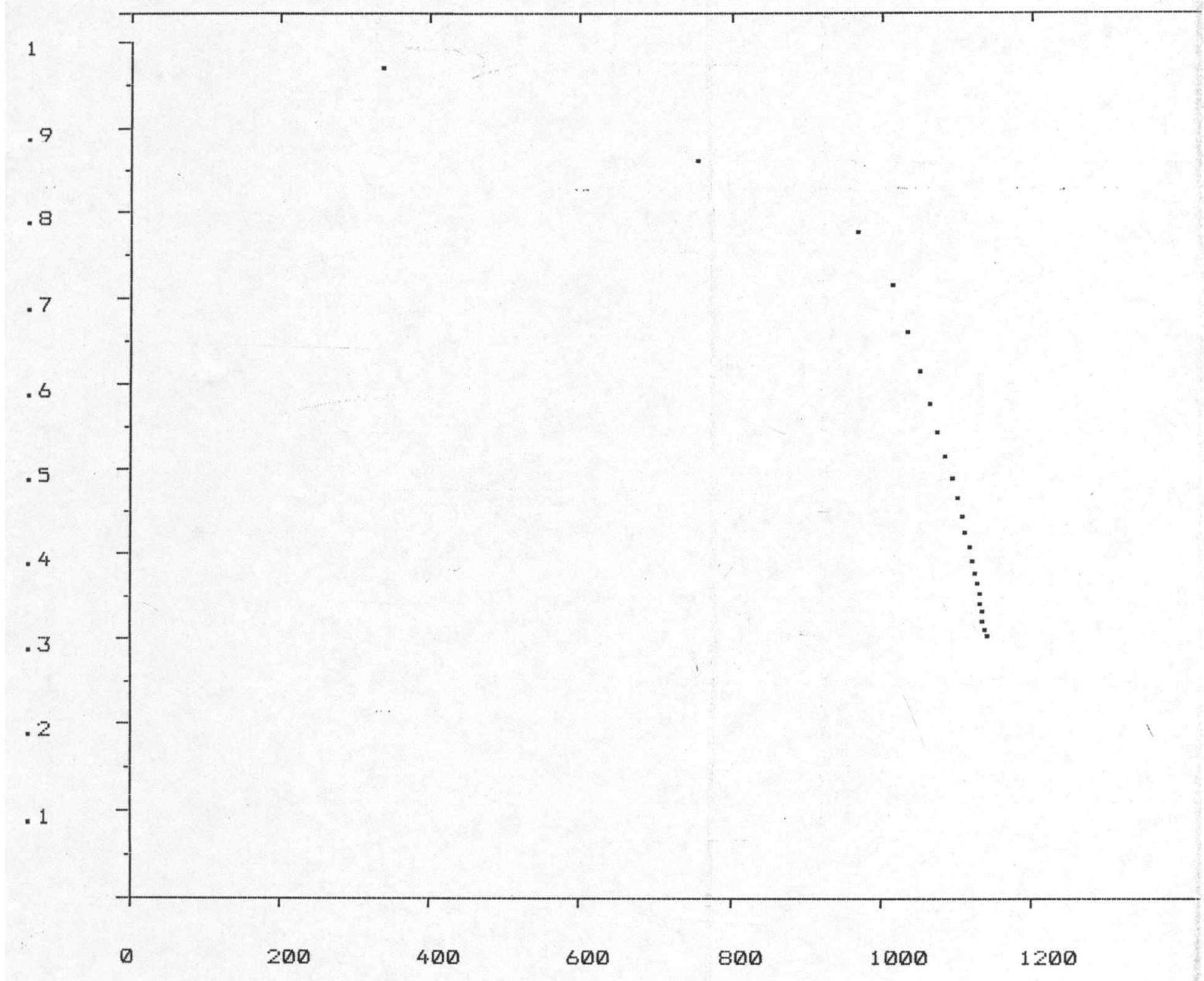


STATIC PRESSURE 1246.35
SLOPE 555.227
POINTS USED 14

From
Log's

DST#1
FINAL SHUT-IN
HORNER PLOT
PRESSURE

LOG(T+MIN/MIN)



STATIC PRESSURE 1221.77
SLOPE 270.038
POINTS USED 20

TRILOBITE TESTING COMPANY

P. O. Box 362 • Hays, Kansas 67601

TEST TICKET

No 939

7 copies

Well Name & No. Davis "G" #1 Test No. 1 Date 11/10/87
 Company American Energies Corp Zone Tested Marmaton
 Address 155 N Market #710 Wichita Ks 67202 Elevation 2980
 Co. Rep./Geo. Bill Hart Cont. Warrior #2 Est. Ft. of Pay 6-3
 Location: Sec. 10 Twp. 26s Rge. 34w Co. Finney State Ks

Interval Tested 4355 - 4386 Drill Pipe Size 4 1/2 X #
 Anchor Length 31 Top Choke — 1" _____
 Top Packer Depth 4350 Bottom Choke — 3/4" _____
 Bottom Packer Depth 4355 Hole Size — 7 7/8" _____
 Total Depth 4386 Rubber Size — 6 3/4" _____
 Wt. Pipe I.D. — 2.7 _____ Ft. Run _____
 Drill Collar — 2.25 _____ Ft. Run _____
 Mud Wt. 9.4 lb./gal. Viscosity 44 Filtrate 10
 Tool Open @ 5:44 P.M. Initial Blow 1/2" blow building to 3"
 Final Blow 1/2" blow building to 3 1/2"

Recovery — Total Feet 75 Flush Tool? _____
 Rec. 20 Feet of 6 HP
 Rec. 60 Feet of 0.8 WCM 20% oil 20% H₂O 60% mud
 Rec. 15 Feet of sl oil spotted mud
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____

BHT 124 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
 RW .318 @ 70 °F Chlorides 2,500 ppm Recovery Chlorides 9,000 ppm System

(A) Initial Hydrostatic Mud 2233 PSI AK1 Recorder No. 13851 Range 4000
 (B) First Initial Flow Pressure 31 PSI @ (depth) 4385 w/Clock No. 25810
 (C) First Final Flow Pressure 31 PSI AK1 Recorder No. 13851 Range 4425
 (D) Initial Shut-In Pressure 1141 PSI @ (depth) 4380 w/Clock No. 25811
 (E) Second Initial Flow Pressure 42 PSI Initial Opening 30
 (F) Second Final Flow Pressure 52 PSI Initial Shut-In 60
 (G) Final Shut-In Pressure 1131 PSI Final Flow 45
 (H) Final Hydrostatic Mud 2183 PSI Final Shut-In 75

Approved by [Signature] Test \$ 400
 Our Representative [Signature] Extra Equip 7.05 \$ 50
 Extra Equip 78 \$ _____
 TOTAL PRICE \$ 450

TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name & No.	Davis 'G' #1	Test No.	2	Date	11-11-87
Company	American Energies Corp.	Zone Tested	Pawnee - Fort Scott		
Address	155 N. Market #710	Wichita, Ks.	67202	Elevation	2980
Co. Rep./Geo.	Bill Hart	Cont.	Warrior #2	Est. Ft. of Pay	
Location: Sec.	10	Twp.	21s	Rge.	34w
co.	Finney	state	Ks.		

Interval Tested	4422 - 4472	Drill Pipe Size	4 1/2" XH
Anchor Length	50	Top Choke - 1"	
Top Packer Depth	4417	Bottom Choke - 3/4"	
Bottom Packer Depth	4422	Hole Size - 7 7/8"	
Total Depth	4472	Rubber Size - 6 3/4"	
Wt. Pipe I.D. - 2.7		Ft. Run	
Drill Collar - 2.25		Ft. Run	
Mud Wt.	9.3	lb./gal.	Viscosity 48
			Filtrate 10
Tool Open @	2:21 p.m.	Initial Blow	weak 1/2" blow decreasing to weak surface blow

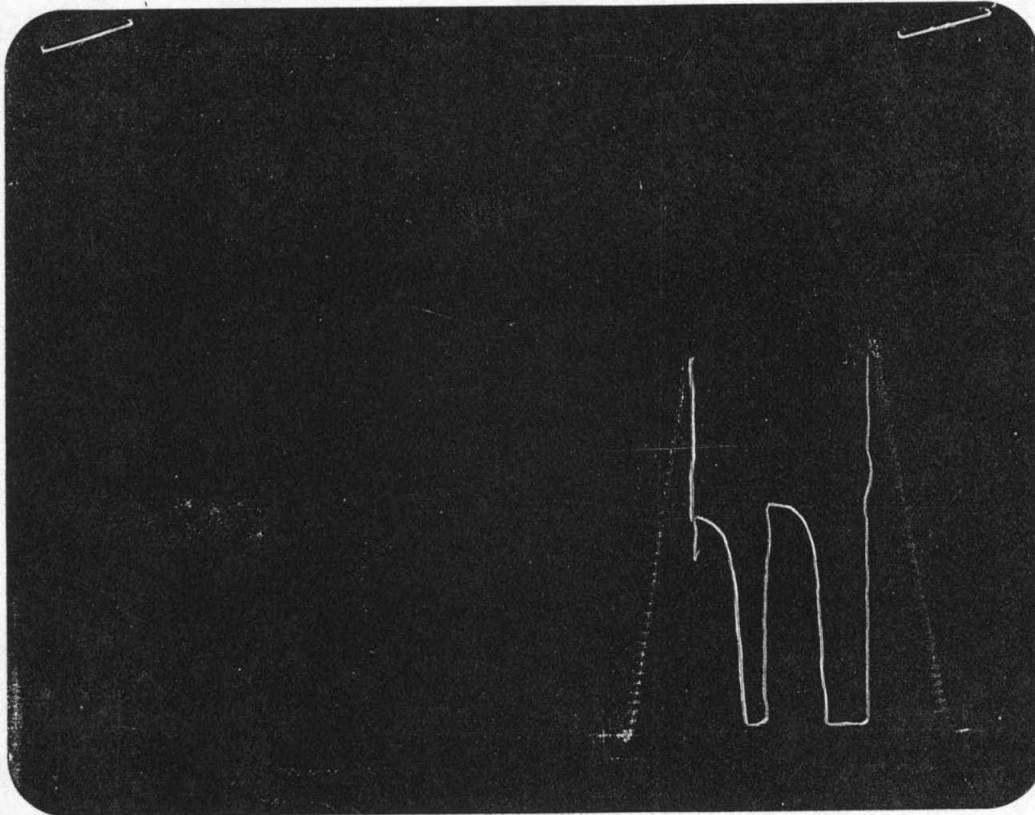
Final Blow no blow flush tool

Recovery - Total Feet	15	Flush Tool?	2nd. open
Rec.	15	Feet of	mud with specks of oil in tool
Rec.		Feet of	
Rec.		Feet of	
Rec.		Feet of	
Rec.		Feet of	

BHT	126	°F	Gravity		°API @		°F	Corrected Gravity		°API		
RW		@		°F	Chlorides		ppm	Recovery	Chlorides		ppm	System

(A) Initial Hydrostatic Mud	2290.7	PSI	AK1 Recorder No.	13339	Range	4000
(B) First Initial Flow Pressure	45.7	PSI	@ (depth)	4471	w/Clock No.	27585
(C) First Final Flow Pressure	45.7	PSI	AK1 Recorder No.	13851	Range	4425
(D) Initial Shut-in Pressure	1230.1	PSI	@ (depth)	4466	w/Clock No.	25810
(E) Second Initial Flow Pressure	59.1	PSI	Initial Opening	20		
(F) Second Final Flow Pressure	59.1	PSI	Initial Shut-In	30		
(G) Final Shut-In Pressure	1031.5	PSI	Final Flow	15		
(H) Final Hydrostatic Mud	2226.8	PSI	Final Shut-In	30		

Our Representative Paul Simpson TOTAL PRICE \$ 450.00



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud.....	2291	2290.7	PSI
(B) First Initial Flow Pressure.....	44	45.7	PSI
(C) First Final Flow Pressure.....	44	45.7	PSI
(D) Initial Closed-in Pressure.....	1228	1230.1	PSI
(E) Second Initial Flow Pressure.....	56	59.1	PSI
(F) Second Final Flow Pressure.....	56	59.1	PSI
(G) Final Closed-in Pressure.....	1029	1031.5	PSI
(H) Final Hydrostatic Mud.....	2225	2226.8	PSI

TRILOBITE TESTING COMPANY

P. O. Box 362 • Hays, Kansas 67601

TEST TICKET

№ 940

Well Name & No. Drum #1 Test No. 2 Date 11/11/57
Company American Energies Corp Zone Tested Payson - St Scott
Address 155 N Market #710 Wichita Ks 67202 Elevation 2980
Co. Rep./Geo. Bill Hart Cont. Waller #2 Est. Ft. of Pay _____
Location: Sec. 10 Twp. 21s Rge. 34w Co. Finn State Ks

Interval Tested 4422-4472 Drill Pipe Size 4 1/2 YH
Anchor Length 50 Top Choke — 1"
Top Packer Depth 4417 Bottom Choke — 3/4"
Bottom Packer Depth 4422 Hole Size — 7/8"
Total Depth 4472 Rubber Size — 6 3/4"
Wt. Pipe I.D. — 2.7 Ft. Run _____
Drill Collar — 2.25 Ft. Run _____
Mud Wt. 12.1 lb./gal. Viscosity 118 Filtrate 10
Tool Open @ 2:21 PM Initial Blow weak 1/2" blow decreasing to weak
surface blow
Final Blow no blow - stuck tool -

Recovery — Total Feet 15 Flush Tool? 2:21 PM
Rec. 15 Feet of mud w/ specks of oil in tool
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 126° °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides _____ ppm System
(A) Initial Hydrostatic Mud 2291 PSI AK1 Recorder No. 13339 Range 4000
(B) First Initial Flow Pressure 441 PSI @ (depth) 4171 w/Clock No. 27585
(C) First Final Flow Pressure 444 PSI AK1 Recorder No. 13851 Range 4425
(D) Initial Shut-In Pressure 1228 PSI @ (depth) 4466 w/Clock No. 25810
(E) Second Initial Flow Pressure 56 PSI Initial Opening 20
(F) Second Final Flow Pressure 56 PSI Initial Shut-In 30
(G) Final Shut-In Pressure 1029 PSI Final Flow 15
(H) Final Hydrostatic Mud 2225 PSI Final Shut-In 30

Approved by Bill Hart Test \$ 400
Our Representative Paul Simpson Extra Equip 100 \$ 50
Extra Equip' \$ _____
TOTAL PRICE \$ 450