TRILOBITE TESTING COMPANY, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name SMITH G-2 Test No. 2 Date 3/19/92

Company AMERICAN ENERGIES CORP Zone Tested LANSING

Address 155 N MARKET #710 WICHITA KS Elevation 2972 K.B.

Co. Rep./Geo. HAL BROWN Cont. CHIEF Est. Ft. of Pay

Location: Sec. 27 Twp. 17S Rge. 33W Co. SCOTT State KS

Interval Tested 3985-4005

Anchor Length 20

Top Packer Depth 3980

Bottom Packer Depth 3985

Total Depth 4005

Drill Pipe Size 4.5 XH

Wt. Pipe I.D. - 2.7 Ft. Run

Drill Collar — 2.25 Ft. Run

Mud Wt. 8.8 lb / gal. Viscosity 44 Filtrate 9.6

Tool Open @ 10:03 PM Initial Blow GOOD BLOW OFF BOTTOM IN 27 MINUTES

Final Blow OFF BOTTOM IN 35 MINUTES

Recovery — Total Feet 330 Flush Tool? NO

Rec. 330 Feet of SLTLY MUD CUT WATER-95%WTR/5%MUD

Rec. Feet of

Rec. Feet of

Rec. Feet of

Rec. Feet of

BHT 116 °F Gravity °API @ °F Corrected Gravity °API

RW 0.19 @ 65 °F Chlorides 40000 ppm Recovery Chlorides 5000 ppm System

(A) Initial Hydrostatic Mud 1941.2 PSI AK1 Recorder No. 13308 Range 4700

(B) First Initial Flow Pressure 49.7 PSI @ (depth) 3987 w/Clock No. 31154

(C) First Final Flow Pressure 65.3 PSI AK1 Recorder No. 10248 Range 4400

(D) Initial Shut-in Pressure 954.8 PSI @ (depth 4000 w/Clock No. 27573

(E) Second Initial Flow Pressure 73.6 PSI AK1 Recorder No. Range

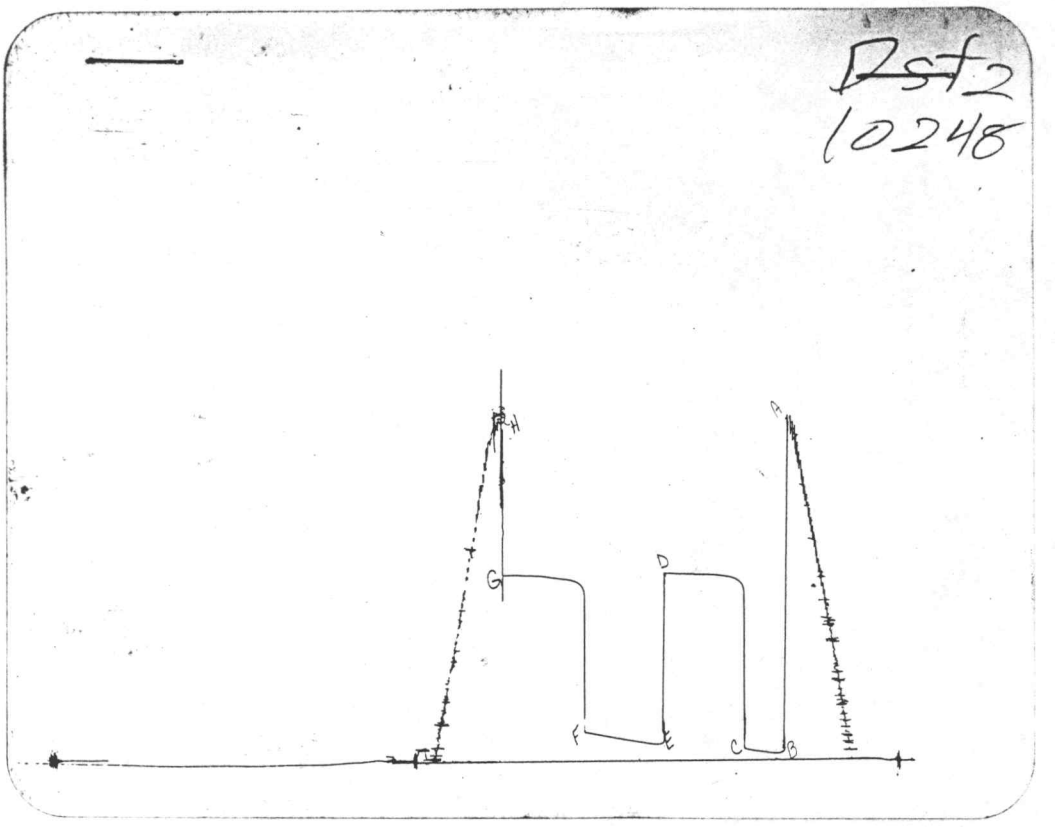
(F) Second Final Flow Pressure 144.7 PSI @ (depth) w/Clock No.

(G) Final Shut-in Pressure 954.8 PSI Initial Opening 30 Final Flow 60

(H) Final Hydrostatic Mud 1705.8 PSI Initial Shut-in 60 Final Shut-in 60

Our Representative MARK HERSKOWITZ TOTAL PRICE $ 800

Printcraft Printers - Hays, KS



This is an actual photograph of recorder chart

POINT	PRESSURE FIELD READING	PRESSURE OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1936	1941.2
(B) FIRST INITIAL FLOW PRESSURE	45	49.7
(C) FIRST FINAL FLOW PRESSURE	60	65.3
(D) INITIAL CLOSED-IN PRESSURE	950	954.8
(E) SECOND INITIAL FLOW PRESSURE	70	73.6
(F) SECOND FINAL FLOW PRESSURE	140	144.7
(G) FINAL CLOSED-IN PRESSURE	950	954.8
(H) FINAL HYDROSTATIC MUD	1700	1705.8

TRILOBITE TESTING COMPANY L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

№ 4497

Well Name & No. Smith G-2 Test No. 2 Date 3-19-92

Company AMERICAN ENERGIES CORP Zone Tested LAN

Address 155 N MARKET SUITE 710 Wichita Elevation 2972 KB

Co. Rep./Geo. Hal BROWN Cont. CHIEF Est. Ft. of Pay

Location: Sec. 27 Twp. 19S Rge. 33W Co. Scott State KS

No. of Copies Distribution Sheet Yes No Turnkey Yes No Evaluation

Interval Tested 3985 4005 Drill Pipe Size 4 1/2 X H

Anchor Length 20 Top Choke — 1" Bottom Choke — ¾"

Top Packer Depth 3980 Hole Size — 7 7/8" Rubber Size — 6 3/4"

Bottom Packer Depth 3985 Wt. Pipe I.D. — 2.7 Ft. Run —

Total Depth 4005 Drill Collar — 2.25 Ft. Run —

Mud Wt. 8.8 lb / gal Viscosity 44 Filtrate 9.6

Tool Open @ 10:03 PM Initial Blow Good Blow OFF Bottom 27 Min

Final Blow OFF BOTTOM IN 35 MIN

Recovery — Total Feet 330 Feet of Gas in Pipe Flush Tool? —

Rec. 330	Feet Of SLY MUD WATER	%gas	%oil 95	%water 5	%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 116 °F Gravity °API @ °F Corrected Gravity °API

RW 0.19 @ 65 °F Chlorides 40,000 ppm Recovery Chlorides 5000 ppm System

(A) Initial Hydrostatic Mud	1936 PSI	AK1 Recorder No.	13308	Range	4700
(B) First Initial Flow Pressure	45 PSI	@ (depth)	3987	w/Clock No.	31154
(C) First Final Flow Pressure	60 PSI	AK1 Recorder No.	10248	Range	4400
(D) Initial Shut-In Pressure	950 PSI	@ (depth)	4000	w/Clock No.	27573
(E) Second Initial Flow Pressure	70 PSI	AK1 Recorder No.		Range	
(F) Second Final Flow Pressure	140 PSI	@ (depth)		w/Clock No.	
(G) Final Shut-In Pressure	950 PSI	Initial Opening	30	Test ✓	550.00
(H) Final Hydrostatic Mud	1700 PSI	Initial Shut-In	60	Jars ✓	200.00
		Final Flow	60	Safety Joint ✓	50.00
		Final Shut-In	60	Straddle	
				Circ. Sub ✓	NC
				Sampler	
				Extra Packer	
				Other	
				TOTAL PRICE $	800.00

TRILOBITE TESTING COMPANY 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 SUBSTAINED, 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 Hal Brown

Our Representative Mack Kershner

Printcraft Printers - Hays, KS

TRILOBITE TESTING COMPANY ,L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name SMITH G-2 Test No. 3 Date 3/20/92

Company AMERICAN ENERGIES CORP Zone Tested DRUM

Address 155 N MARKET #710 WICHITA KS Elevation 2972 K.B.

Co. Rep./Geo. HAL BROWN Cont. CHIEF Est. Ft. of Pay 4

Location: Sec. 27 Twp. 17S Rge. 33W Co. SCOTT State KS

Interval Tested 4090-4114 Drill Pipe Size 4.5 XH

Anchor Length 24 Wt. Pipe I.D. - 2.7 Ft. Run

Top Packer Depth 4085-4090 Drill Collar — 2.25 Ft. Run

Bottom Packer Depth 4114

Total Depth 4133

Mud Wt. 8.9 lb / gal. Viscosity 44 Filtrate 13.2

Tool Open @ 4:51 PM Initial Blow GOOD BLOW OFF BOTTOM IN 4 MINUTES

Final Blow OFF BOTTOM IN 30 SECONDS

Recovery — Total Feet 1333 Flush Tool? NO

Rec. 186 Feet of GAS IN PIPE

Rec. 263 Feet of SLTLY GASSY OIL-1%GAS/99%OIL

Rec. 1070 Feet of SLTLY OIL & MUD CUT WATER-1%OIL/97%WATER/2%MUD

Rec. Feet of

Rec. Feet of

BHT 119 °F Gravity 27 °API @ 80 °F Corrected Gravity 25 °API

RW 0.13 @ 70 °F Chlorides 52000 ppm Recovery Chlorides 6000 ppm System

(A) Initial Hydrostatic Mud 2030.6 PSI Ak1 Recorder No. 13308 Range 4700

(B) First Initial Flow Pressure 59.8 PSI @ (depth) 4100 w/Clock No. 8376

(C) First Final Flow Pressure 250.1 PSI AK1 Recorder No. 10248 Range 4400

(D) Initial Shut-in Pressure 1099.8 PSI @ (depth 4095 w/Clock No. 27573

(E) Second Initial Flow Pressure 296.3 PSI AK1 Recorder No. 2023 Range 4000

(F) Second Final Flow Pressure 588.7 PSI @ (depth) 4128 w/Clock No. 25828

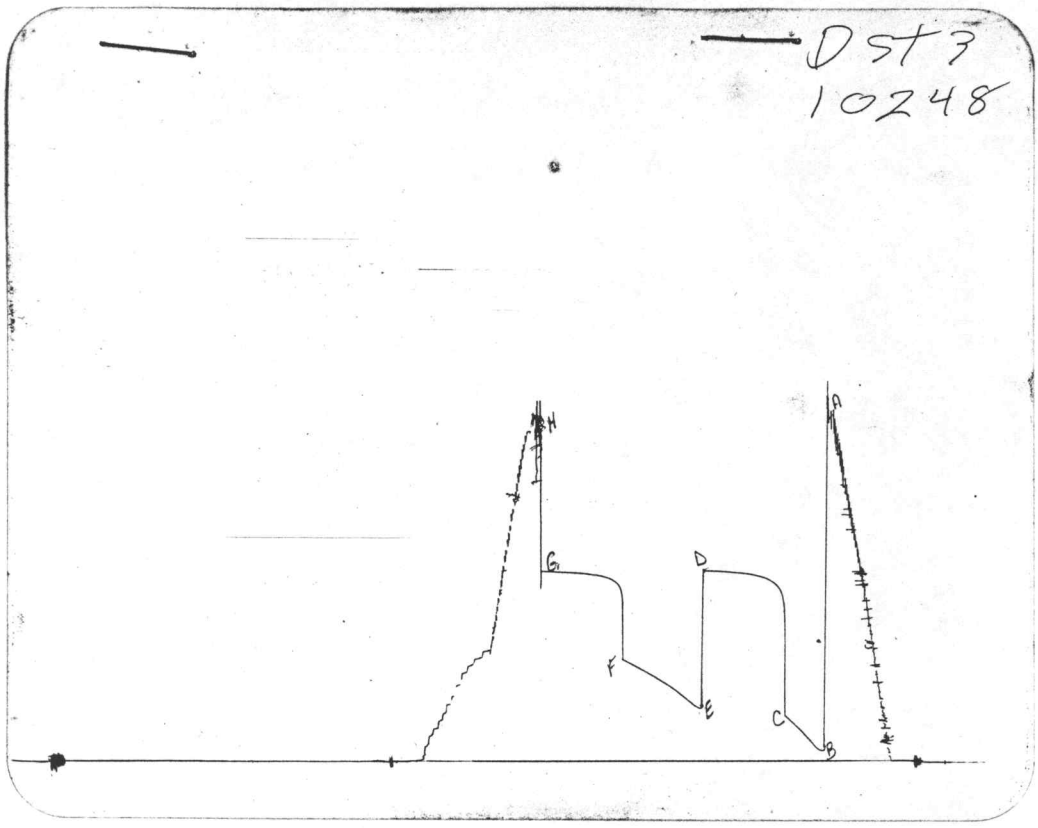
(G) Final Shut-in Pressure 1099.8 PSI Initial Opening 30 Final Flow 60

(H) Final Hydrostatic Mud 1784.5 PSI Initial Shut-in 60 Final Shut-in 60

Our Representative MARK HERSKOWITZ TOTAL PRICE $ 1200

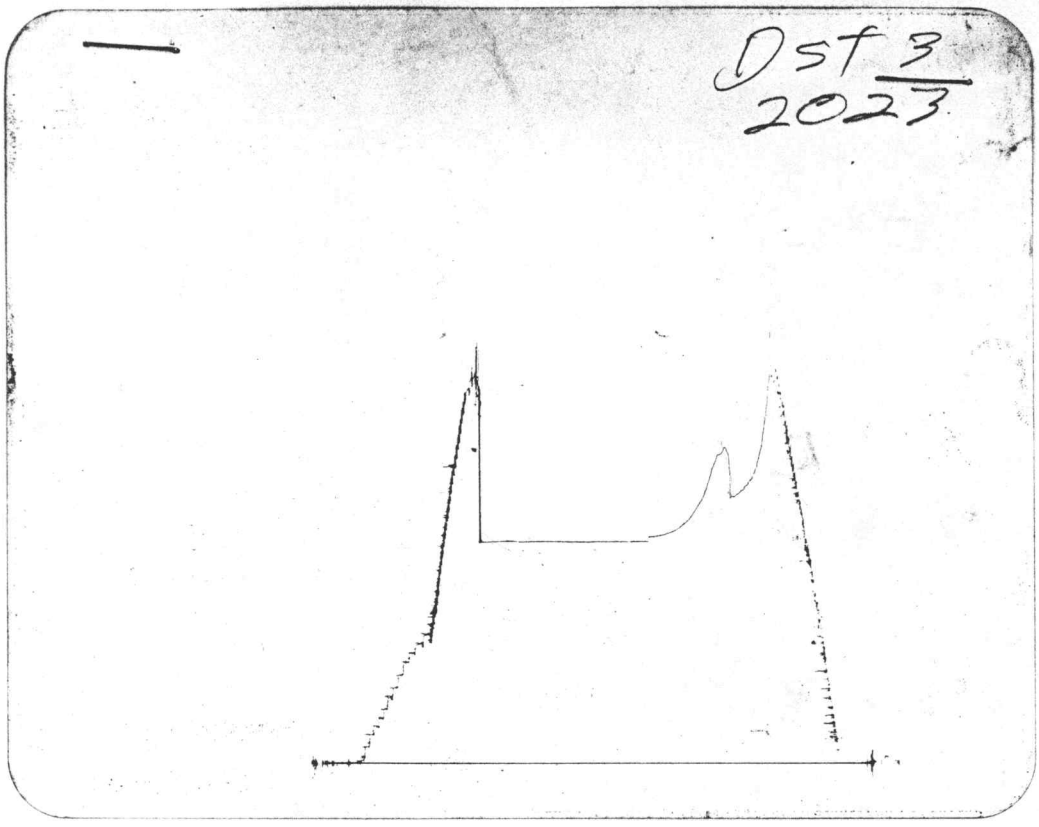
Printcraft Printers - Hays, KS

DST 3
10248



This is an actual photograph of recorder chart

POINT	PRESSURE	FIELD READING	OFFICE READING
(A)	INITIAL HYDROSTATIC MUD	2024	2030.6
(B)	FIRST INITIAL FLOW PRESSURE	56	59.8
(C)	FIRST FINAL FLOW PRESSURE	247	250.1
(D)	INITIAL CLOSED-IN PRESSURE	1095	1099.8
(E)	SECOND INITIAL FLOW PRESSURE	292	296.3
(F)	SECOND FINAL FLOW PRESSURE	584	588.7
(G)	FINAL CLOSED-IN PRESSURE	1095	1099.8
(H)	FINAL HYDROSTATIC MUD	1780	1784.5



This is an actual photograph of recorder chart

POINT	PRESSURE	
	FIELD READING	OFFICE READING

(A) INITIAL HYDROSTATIC MUD

(B) FIRST INITIAL FLOW PRESSURE

(C) FIRST FINAL FLOW PRESSURE

(D) INITIAL CLOSED-IN PRESSURE

(E) SECOND INITIAL FLOW PRESSURE

(F) SECOND FINAL FLOW PRESSURE

(G) FINAL CLOSED-IN PRESSURE

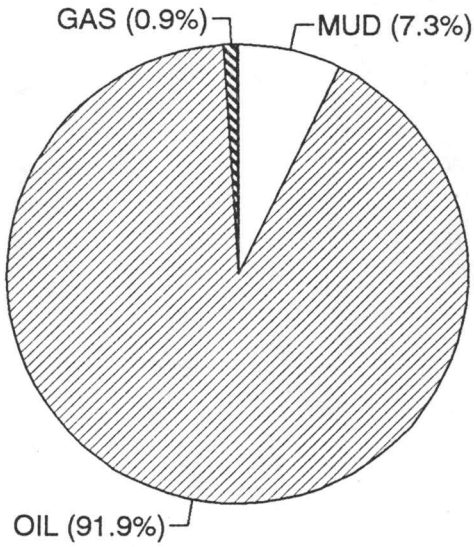
(H) FINAL HYDROSTATIC MUD

CALCULATED RECOVERY ANALYSIS DRILL PIPE

DST # 3 TICKET 4498

SAMPLE	TOTAL	GAS			OIL		WATER		MUD
#	FEET	%	FEET	%	FEET	%	FEET	%	FEET
1	263	1	2.63	99	260.37	0	0	0	0
2	1070	0	0	1	10.7	97	1037.9	2	21.4
3			0		0		0		0
4			0		0		0		0
5			0		0		0		0
TOTAL	1333	0.1972993	2.63	20.3	271.07	77.861965	1037.9	1.61	21.4

			HRS	BBL/DAY
BBL OIL=	3.8546154	*	1.5	61.674
BBL WATER=	14.758938	*		236.14
BBL MUD=	0.304308			
BBL GAS	0.0373986			



TRILOBITE TESTING COMPANY L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

№ 4498

Well Name & No. Smith G 2 Test No. 3 Date 3-20-92

Company AMERICAN ENERGIES Zone Tested DRUM

Address 155 N. MARKET SUITE 710 Wichita Elevation 2972

Co. Rep./Geo. Hal BROWN cont. CHIEF Est. Ft. of Pay 4

Location: Sec. 27 Twp. 19S Rge. 33W Co. Scott State KS

No. of Copies _____ Distribution Sheet _____ Yes _____ No Turnkey _____ Yes _____ No _____ Evaluation

Interval Tested 4090 - 4114 Drill Pipe Size 4½ XH

Anchor Length 24 Top Choke — 1" _____ Bottom Choke — ¾" _____

Top Packer Depth 4085 - 4090 Hole Size — 7⅞" _____ Rubber Size — 6¾" _____

Bottom Packer Depth 4114 Wt. Pipe I.D. — 2.7 Ft. Run _____

Total Depth 4133 Drill Collar — 2.25 Ft. Run _____

Mud Wt. 8.9 LCM TR. lb/gal. Viscosity 44 Filtrate 13.2

Tool Open @ 4:51 PM Initial Blow Good Blow OFF Bottom 4 MIN

Final Blow OFF BOTTOM IN 6 MIN 30 SEC

Recovery — Total Feet ~~340~~ 133 Feet of Gas in Pipe 186 Flush Tool? _____

Rec. 263	Feet Of	GAS CUT	1	%gas 99	%oil	%water	%mud
Rec. 1070	Feet Of	SLI WATERY		%gas 1	%oil 97	%water	2 %mud
Rec. _____	Feet Of	_____		%gas	%oil	%water	%mud
Rec. _____	Feet Of	_____		%gas	%oil	%water	%mud
Rec. _____	Feet Of	_____		%gas	%oil	%water	%mud

BHT 119 °F Gravity 27 °API @ 80 °F Corrected Gravity 25 °API

RW 0.13 @ 70 °F Chlorides 52,000 ppm Recovery Chlorides 6000 ppm System

(A) Initial Hydrostatic Mud	2024	PSI	AK1 Recorder No.	13308	Range	4700	
(B) First Initial Flow Pressure	56	PSI	@ (depth)	4100	w/Clock No.	8376	
(C) First Final Flow Pressure	247	PSI	AK1 Recorder No.	1024	Range	4400	
(D) Initial Shut-In Pressure	1095	PSI	@ (depth)	4095	w/Clock No.	27573	
(E) Second Initial Flow Pressure	292	PSI	AK1 Recorder No.	2023	Range	4000	
(F) Second Final Flow Pressure	584	PSI	@ (depth)	4128	w/Clock No.	25828	
(G) Final Shut-In Pressure	1095	PSI	Initial Opening	30	Test ✓	550.00	
(H) Final Hydrostatic Mud	1780	PSI	Initial Shut-In	60	Jars ✓	200.00	
			Final Flow	60	Safety Joint ✓	50.00	
			Final Shut-In	60	Straddle ✓	250.00	
					Circ. Sub ✓	NC	
					Sampler		
					Extra Packer ✓	150.00	
					Other		
					TOTAL PRICE $	200.00	

TRILOBITE TESTING COMPANY 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 SUBSTAINED, 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 Hal Brown

Our Representative Mark Fleischer

Printcraft Printers - Hays, KS

TRILOBITE TESTING COMPANY, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name SMITH G-2 Test No. 4 Date 3/21/92

Company AMERICAN ENERGIES CORP Zone Tested DENNIS

Address 155 N MARKET #710 WICHITA KS Elevation 2972 K.B.

Co. Rep./Geo. HAL BROWN Cont. CHIEF Est. Ft. of Pay

Location: Sec. 27 Twp. 17S Rge. 33W Co. SCOTT State KS

Interval Tested 4150-4180 Drill Pipe Size 4.5 XH

Anchor Length 30 Wt. Pipe I.D. - 2.7 Ft. Run

Top Packer Depth 4145 Drill Collar — 2.25 Ft. Run

Bottom Packer Depth 4150

Total Depth 4180

Mud Wt. 8.8 lb / gal. Viscosity 51 Filtrate 13.2

Tool Open @ 8:02 AM Initial Blow GOOD BLOW OFF BOTTOM IN 5 MINUTES

Final Blow OFF BOTTOM IN 6 MINUTES

Recovery — Total Feet 1450 Flush Tool? NO

Rec. 1450 Feet of SALT WATER

Rec. Feet of

Rec. Feet of

Rec. Feet of

Rec. Feet of

BHT 120 °F Gravity °API @ °F Corrected Gravity °API

RW 0.13 @ 70 °F Chlorides 48000 ppm Recovery Chlorides 6000 ppm System

(A) Initial Hydrostatic Mud 2133.4 PSI Ak1 Recorder No. 13308 Range 4700

(B) First Initial Flow Pressure 77.8 PSI @ (depth) 4152 w/Clock No. 25828

(C) First Final Flow Pressure 290.6 PSI AK1 Recorder No. 10248 Range 4400

(D) Initial Shut-in Pressure 1106.5 PSI @ (depth 4175 w/Clock No. 27573

(E) Second Initial Flow Pressure 339.7 PSI AK1 Recorder No. Range

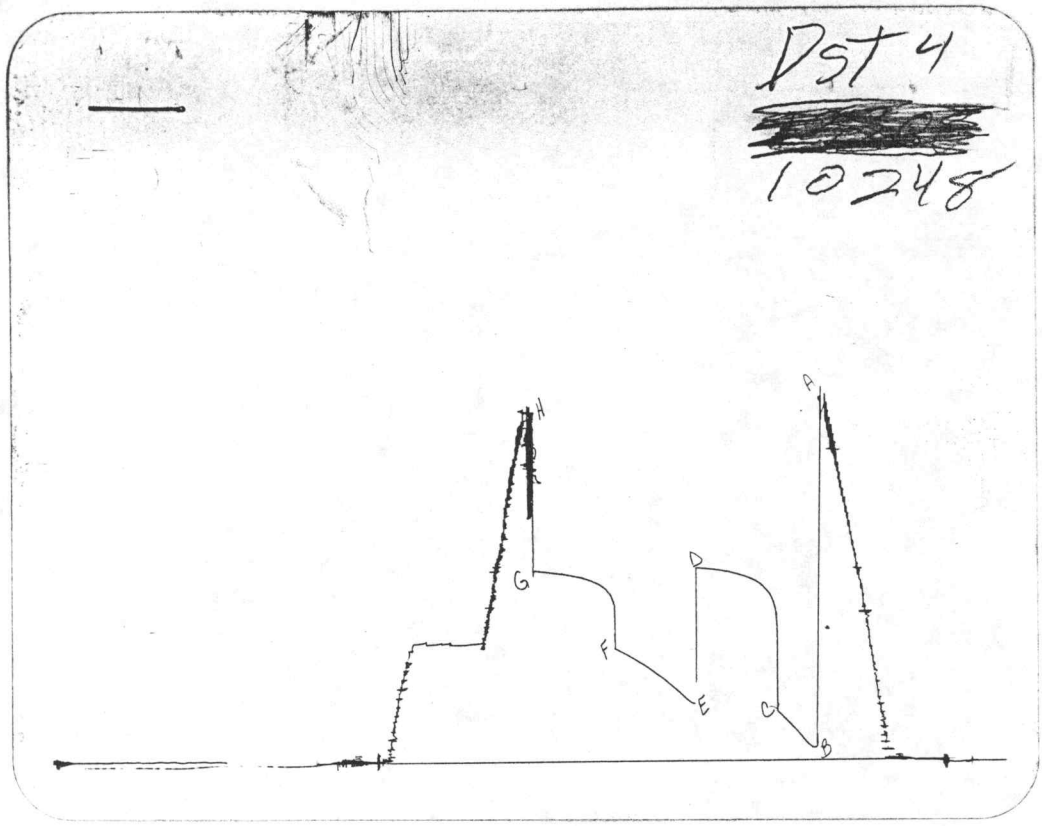
(F) Second Final Flow Pressure 644.2 PSI @ (depth) w/Clock No.

(G) Final Shut-in Pressure 1080.9 PSI Initial Opening 30 Final Flow 60

(H) Final Hydrostatic Mud 2111.7 PSI Initial Shut-in 60 Final Shut-in 60

Our Representative MARK HERSKOWITZ TOTAL PRICE $ 835

Printcraft Printers - Hays, KS



This is an actual photograph of recorder chart

POINT	PRESSURE	
	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2128	2133.4
(B) FIRST INITIAL FLOW PRESSURE	72	77.8
(C) FIRST FINAL FLOW PRESSURE	288	290.6
(D) INITIAL CLOSED-IN PRESSURE	1099	1106.5
(E) SECOND INITIAL FLOW PRESSURE	335	339.7
(F) SECOND FINAL FLOW PRESSURE	642	644.2
(G) FINAL CLOSED-IN PRESSURE	1076	1080.9
(H) FINAL HYDROSTATIC MUD	2104	2111.7

TRILOBITE TESTING COMPANY L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

№ 4499

Well Name & No. SMITH G-2 Test No. 4 Date 3-21-92

Company AMERICAN ENERGIES Zone Tested DENNIS

Address 155 N. MARKET SUITE 710 Wichita Elevation 2972 KB

Co. Rep./Geo. Hal BROWN Cont. CHIEF Est. Ft. of Pay

Location: Sec. 27 Twp. 19S Rge. 33W Co. SCOTT State KS

No. of Copies Distribution Sheet Yes No Turnkey Yes No Evaluation

Interval Tested 4150 - 4180 Drill Pipe Size 4½ XH

Anchor Length 30 Top Choke — 1" Bottom Choke — ¾"

Top Packer Depth 4145 Hole Size — 7⅞" Rubber Size — 6¾"

Bottom Packer Depth 4150 Wt. Pipe I.D. — 2.7 Ft. Run —

Total Depth 4180 Drill Collar — 2.25 Ft. Run —

Mud Wt. 8.8 lb / gal. Viscosity 51 Filtrate 13.2

Tool Open @ 8:02 AM Initial Blow Good Blow OFF Bottom 5 MIN

Final Blow OFF Bottom 6 MIN

Recovery — Total Feet 1450 Feet of Gas in Pipe — Flush Tool? —

Rec. 1450	Feet Of	S. WATER	%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 120 °F Gravity °API @ °F Corrected Gravity °API

RW 0.13 @ 70 °F Chlorides 48000 ppm Recovery Chlorides 6000 ppm System

(A) Initial Hydrostatic Mud	2128 PSI	AK1 Recorder No.	13308	Range	4700
(B) First Initial Flow Pressure	72 PSI	@ (depth)	4152	w/Clock No.	25828
(C) First Final Flow Pressure	288 PSI	AK1 Recorder No.	10248	Range	4400
(D) Initial Shut-In Pressure	1094 PSI	@ (depth)	4175	w/Clock No.	27573
(E) Second Initial Flow Pressure	335 PSI	AK1 Recorder No.		Range	
(F) Second Final Flow Pressure	642 PSI	@ (depth)		w/Clock No.	
(G) Final Shut-In Pressure	1076 PSI	Initial Opening	30	Test	✓
(H) Final Hydrostatic Mud	2104 PSI	Initial Shut-In	60	Jars	✓
		Final Flow	60	Safety Joint	✓
		Final Shut-In	60	Straddle	
				Circ. Sub	✓ 35
				Sampler	
				Extra Packer	
				Other	
				TOTAL PRICE $	

Approved By Hal Brown

Our Representative Mark Herschberger

Printcraft Printers - Hays, KS

TRILOBITE TESTING COMPANY, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name SMITH G-2 Test No. 5 Date 3/22/92

Company AMERICAN ENERGIES CORP Zone Tested MARMATON

Address 155 N MARKET #710 WICHITA KS Elevation 2972 K.B.

Co. Rep./Geo. HAL BROWN Cont. CHIEF Est. Ft. of Pay 7

Location: Sec. 27 Twp. 17S Rge. 33W Co. SCOTT State KS

Interval Tested 4302-4320 Drill Pipe Size 4.5 XH

Anchor Length 18 Wt. Pipe I.D. - 2.7 Ft. Run

Top Packer Depth 4307 Drill Collar — 2.25 Ft. Run

Bottom Packer Depth 4302

Total Depth 4320

Mud Wt. 8.8 lb / gal. Viscosity 53 Filtrate 10.4

Tool Open @ 10:15 AM Initial Blow WEAK SURFACE BLOW TO 1.5" IN 30 MINUTES

Final Blow OFF BOTTOM OF BUCKET IN 1 MINUTE 30 SECONDS

Recovery — Total Feet 2308 Flush Tool? NO

Rec. 373 Feet of GAS IN PIPE

Rec. 2308 Feet of CLEAN GASSY OIL-2%GAS/98%OIL

Rec. _____ Feet of _____

Rec. _____ Feet of _____

Rec. _____ Feet of _____

BHT 123 °F Gravity 29 °API @ 70 °F Corrected Gravity 28 °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 6000 ppm System

(A) Initial Hydrostatic Mud 2172.2 PSI Ak1 Recorder No. 13308 Range 4700

(B) First Initial Flow Pressure 31.5 PSI @ (depth) 4304 w/Clock No. 25828

(C) First Final Flow Pressure 20.2 PSI AK1 Recorder No. 10248 Range 4400

(D) Initial Shut-in Pressure 904.4 PSI @ (depth 4315 w/Clock No. 27573

(E) Second Initial Flow Pressure 31.5 PSI AK1 Recorder No. _____ Range _____

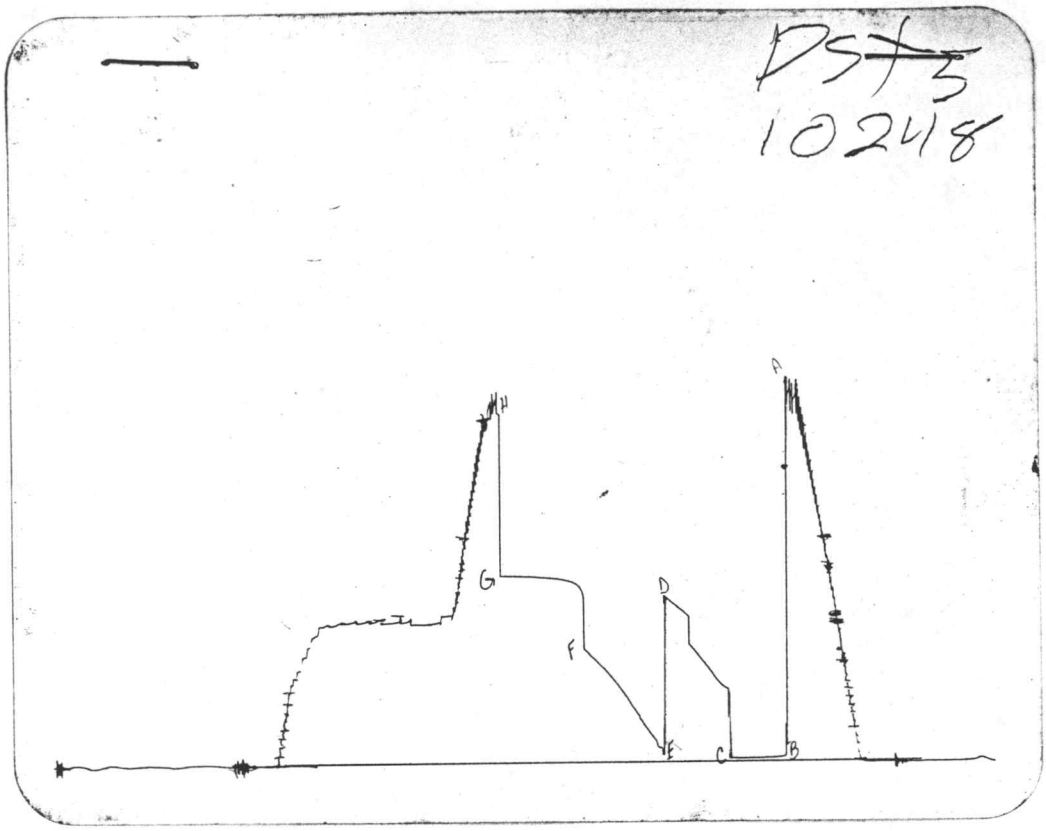
(F) Second Final Flow Pressure 642.2 PSI @ (depth) _____ w/Clock No. _____

(G) Final Shut-in Pressure 1071.1 PSI Initial Opening 30 Final Flow 60

(H) Final Hydrostatic Mud 2077.7 PSI Initial Shut-in 60 Final Shut-in 60

Our Representative MARK HERSKOWITZ TOTAL PRICE $ 835

Printcraft Printers - Hays, KS



This is an actual photograph of recorder chart

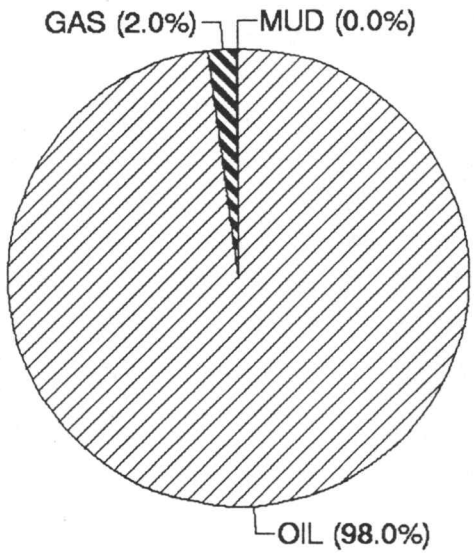
POINT	PRESSURE	
	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2135	2172.2
(B) FIRST INITIAL FLOW PRESSURE	33	31.5
(C) FIRST FINAL FLOW PRESSURE	22	20.2
(D) INITIAL CLOSED-IN PRESSURE	902	904.4
(E) SECOND INITIAL FLOW PRESSURE	67	31.5
(F) SECOND FINAL FLOW PRESSURE	651	642.2
(G) FINAL CLOSED-IN PRESSURE	1084	1071.1
(H) FINAL HYDROSTATIC MUD	2068	2077.7

CALCULATED RECOVERY ANALYSIS DRILL PIPE

DST # 5 TICKET 4500

SAMPLE	TOTAL	GAS	OIL			WATER		MUD	
#	FEET	%	FEET	%	FEET	%	FEET	%	FEET
1	2308	2	46.16	98	2261.8	0	0	0	0
2			0		0		0		0
3			0		0		0		0
4			0		0		0		0
5			0		0		0		0
TOTAL	2308	2	46.16	98	2261.8	0	0	0	0

			HRS	BBL/DAY
BBL OIL =	32.163365	*	1.5	514.61
BBL WATER =	0	*		0
BBL MUD =	0			
BBL GAS	0.6563952			



SMITH G-2 DST #5
INITIAL SHUTIN

30 FLOW TIME

Slope -----
P *
psi/cycle
psi

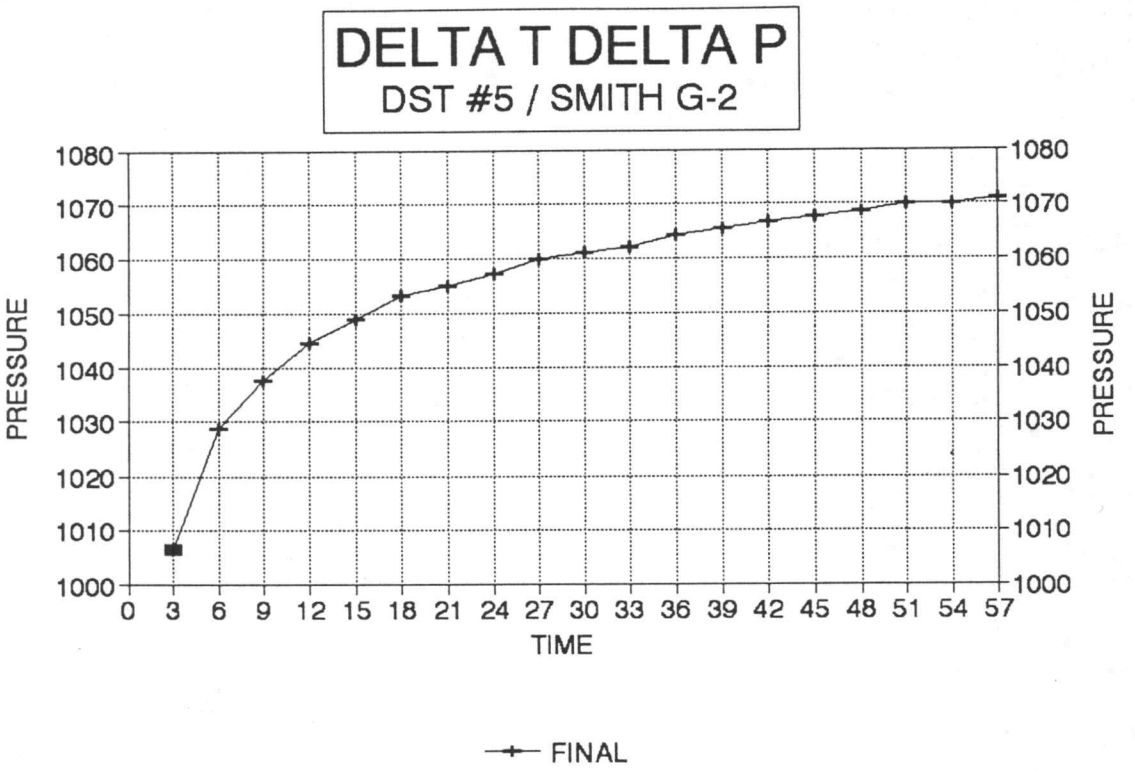
	TIME(MIN)	Pws (psi)	Horn T	Log Horn T	<> PRESSURE
	3	20.2	11	1.041	20.2
	6	20.2	6	0.778	0.0
	9	20.2	4	0.637	0.0
	12	20.2	4	0.544	0.0
	15	20.2	3	0.477	0.0
	18	427.9	3	0.426	407.7
	21	441.4	2	0.385	13.5
	24	461.7	2	0.352	20.3
	27	493.2	2	0.325	31.5
	30	326.6	2	0.301	-166.6
	33	557.7	2	0.281	231.1
	36	586.6	2	0.263	28.9
	39	613.3	2	0.248	26.7
	42	640.0	2	0.234	26.7
	45	664.4	2	0.222	24.4
	48	840.0	2	0.211	175.6
X	51	864.0	2	0.201	24.0
	54	884.4	2	0.192	20.4
X	57	904.4	2	0.184	20.0

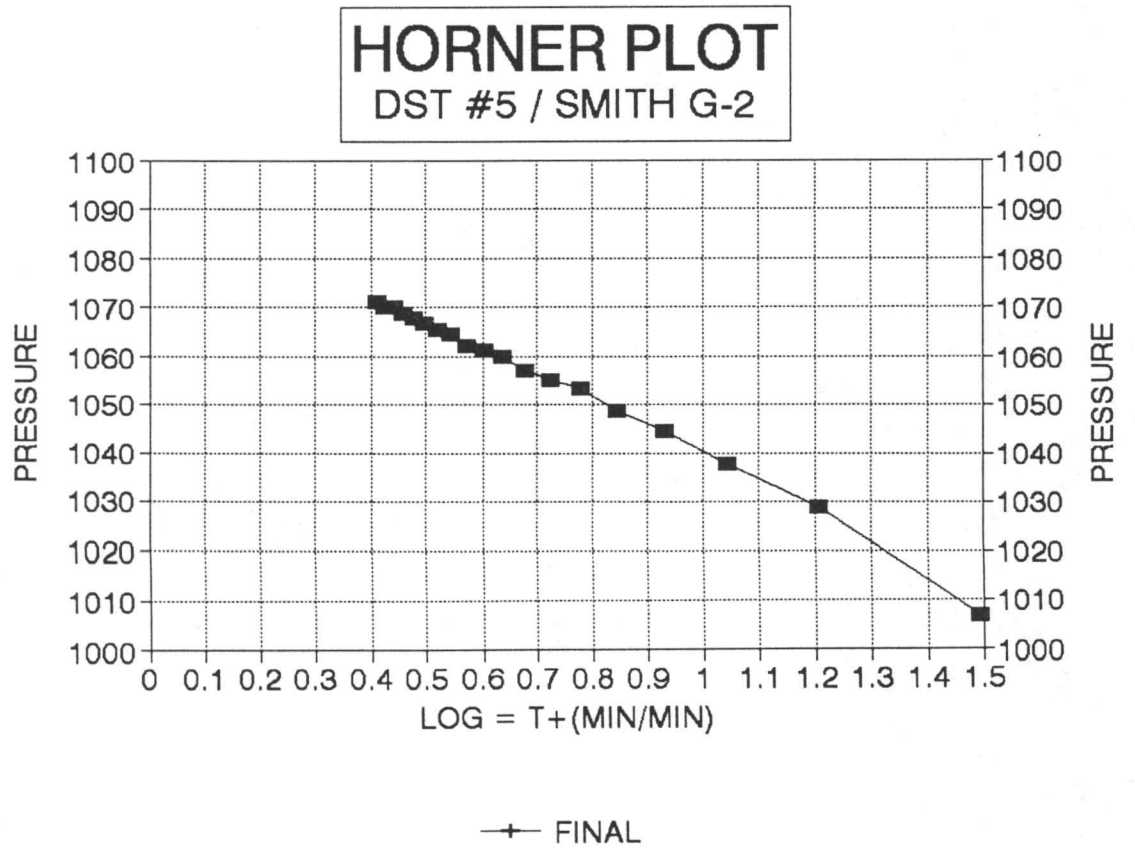
SMITH G-2 DST #5
FINAL SHUTIN

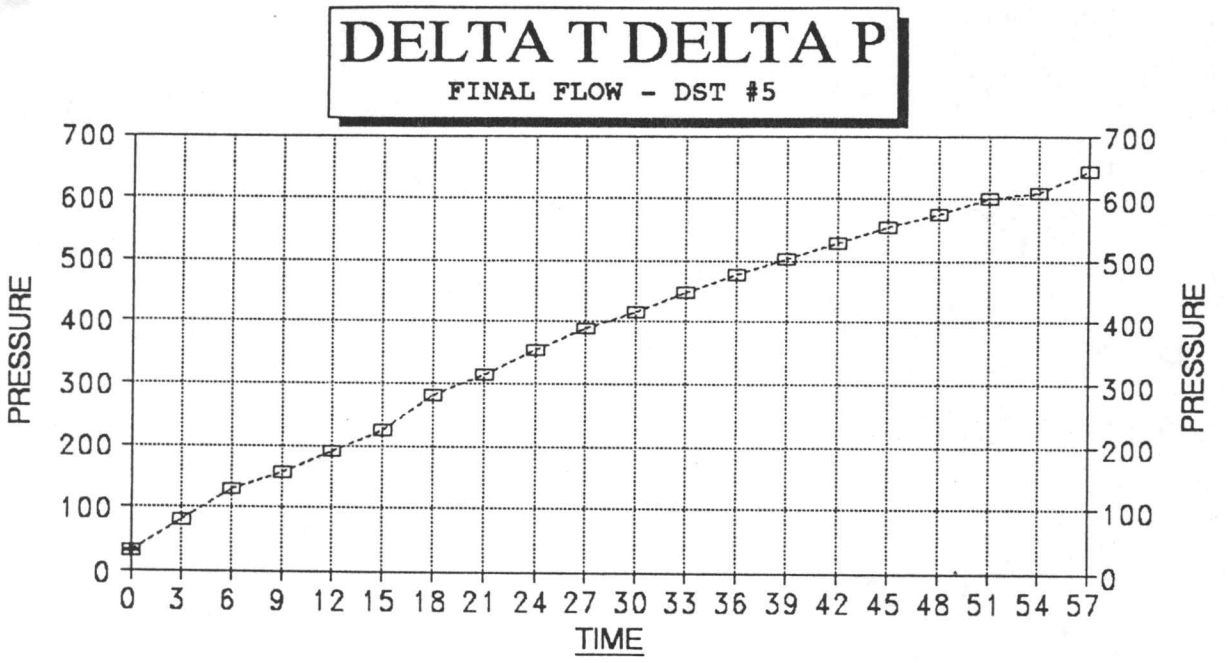
90 TOTAL FLOW TIME

Slope -51.81 psi/cycle
P * 1,092 psi

	TIME(MIN)	Pws (psi)	Horn T	Log Horn T	<> PRESSURE
	3	1006.6	31	1.491	1006.6
	6	1028.8	16	1.204	22.2
	9	1037.7	11	1.041	8.9
	12	1044.5	9	0.929	6.8
	15	1048.8	7	0.845	4.3
	18	1053.3	6	0.778	4.5
	21	1055.1	5	0.723	1.8
	24	1057.2	5	0.677	2.1
	27	1060.0	4	0.637	2.8
	30	1061.1	4	0.602	1.1
	33	1062.2	4	0.571	1.1
	36	1064.4	4	0.544	2.2
X	39	1065.5	3	0.520	1.1
	42	1066.6	3	0.497	1.1
	45	1067.7	3	0.477	1.1
	48	1068.8	3	0.459	1.1
	51	1069.9	3	0.442	1.1
	54	1070.0	3	0.426	0.1
X	57	1071.1	3	0.411	1.1


DELTA T DELTA P
DST #5 / SMITH G-2
PRESSURE
1080
1070
1060
1050
1040
1030
1020
1010
1000
0 3 6 9 12 15 18 21 24 27 30 33 36 39 42 45 48 51 54 57
TIME
FINAL


HORNER PLOT
DST #5 / SMITH G-2
PRESSURE
1100
1090
1080
1070
1060
1050
1040
1030
1020
1010
1000
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1 1.1 1.2 1.3 1.4 1.5
LOG = T+(MIN/MIN)
FINAL



FINAL FLOW

RECORDER # 10248
DST #5

DT(MIN)	PRESSURE	<> PRESSURE
0	31.5	31.5
3	81	49.5
6	130.6	49.60001
9	157.6	27
12	191.4	33.79999
15	225.2	33.8
18	281.8	56.59999
21	315.3	33.5
24	353.6	38.30002
27	389.6	36
30	416.6	27
33	448.2	31.60001
36	477.8	29.59998
39	504.4	26.60001
42	528.8	24.4
45	553.3	24.5
48	575.5	22.20001
51	600	24.5
54	608.8	8.799988
57	642.2	33.40003

TRILOBITE TESTING COMPANY, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name SMITH G-2 Test No. 6 Date 3/24/92
Company AMERICAN ENERGIES CORP Zone Tested MISSISSIPPI
Address 155 N MARKET #710 WICHITA KS Elevation 2972 K.B.
Co. Rep./Geo. HAL BROWN Cont. CHIEF Est. Ft. of Pay
Location: Sec. 27 Twp. 17S Rge. 33W Co. SCOTT State KS

Interval Tested 4618-4760 Drill Pipe Size 4.5 XH
Anchor Length 142 Wt. Pipe I.D. - 2.7 Ft. Run
Top Packer Depth 4613 Drill Collar — 2.25 Ft. Run
Bottom Packer Depth 4618
Total Depth 4760

Mud Wt. 9.2 lb / gal. Viscosity 50 Filtrate 13.6

Tool Open @ 4:36 PM Initial Blow SURFACE BLOW FOR 14 MINUTES - NO BLOW 16

Final Blow NO BLOW-30 MINUTES

Recovery — Total Feet 30 Flush Tool? NO

Rec. 30 Feet of OIL STAINED MUD

Rec. Feet of

Rec. Feet of

Rec. Feet of

Rec. Feet of

BHT 122 °F Gravity °API @ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides 7000 ppm System

(A) Initial Hydrostatic Mud 2380.9 PSI AK1 Recorder No. 13308 Range 4700

(B) First Initial Flow Pressure 43.7 PSI @ (depth) 4620 w/Clock No. 25828

(C) First Final Flow Pressure 26.8 PSI AK1 Recorder No. 10248 Range 4400

(D) Initial Shut-in Pressure 220.4 PSI @ (depth 4755 w/Clock No. 27573

(E) Second Initial Flow Pressure 43.7 PSI AK1 Recorder No. Range

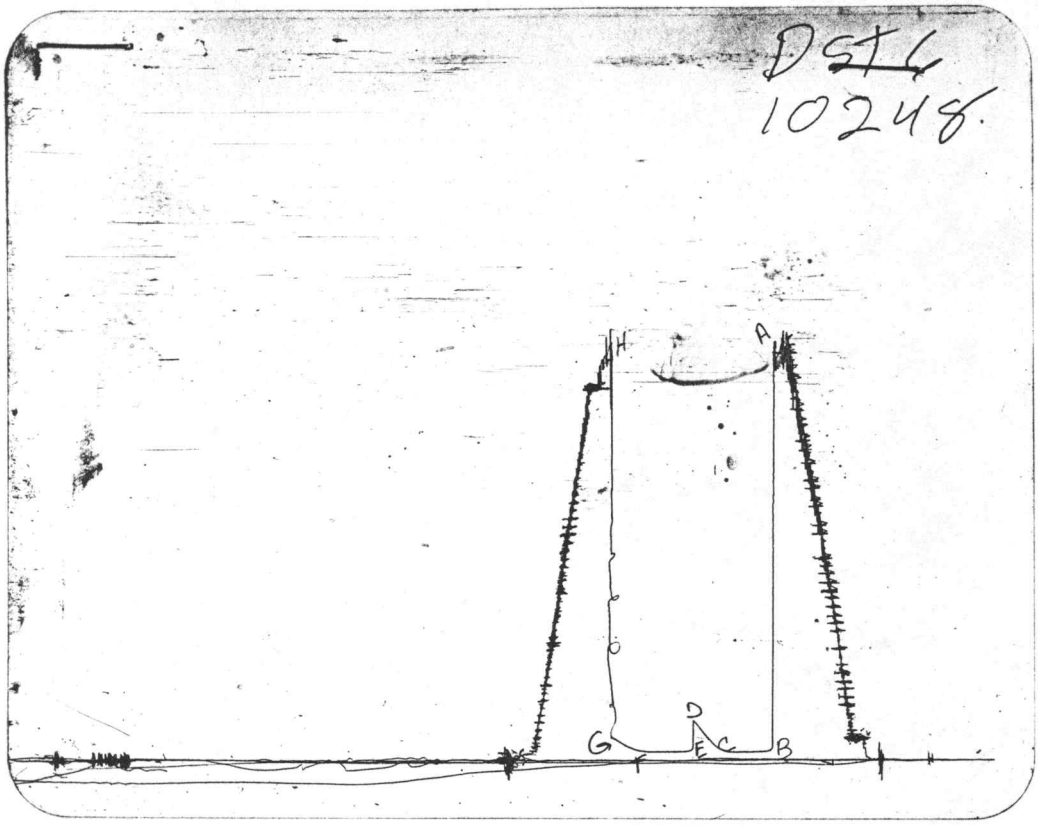
(F) Second Final Flow Pressure 26.8 PSI @ (depth) w/Clock No.

(G) Final Shut-in Pressure 113.9 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 2347.8 PSI Initial Shut-in 30 Final Shut-in 30

Our Representative MARK HERSKOWITZ TOTAL PRICE $ 800

Printcraft Printers - Hays, KS



This is an actual photograph of recorder chart

POINT	PRESSURE	
	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2377	2380.9
(B) FIRST INITIAL FLOW PRESSURE	36	43.7
(C) FIRST FINAL FLOW PRESSURE	24	26.8
(D) INITIAL CLOSED-IN PRESSURE	216	220.4
(E) SECOND INITIAL FLOW PRESSURE	36	43.7
(F) SECOND FINAL FLOW PRESSURE	24	26.8
(G) FINAL CLOSED-IN PRESSURE	109	113.9
(H) FINAL HYDROSTATIC MUD	2342	2347.8

TRILOBITE TESTING COMPANY L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

№ 4551

Well Name & No. SMITH G-2 Test No. 6 Date 3-24-92

Company AMERICAN ENERGIES Zone Tested MISS

Address 155 N. MARKET SUITE 710 WICHITA Elevation 2972 KB

Co. Rep./Geo. HAL BROWN Cont. CHIEF Est. Ft. of Pay

Location: Sec. 27 Twp. 19 Rge. 33 Co. SCOTT State KS

No. of Copies Distribution Sheet Yes No Turnkey Yes No Evaluation

Interval Tested 4618 - 4760 Drill Pipe Size 4½ XH

Anchor Length 142 Top Choke — 1" Bottom Choke — ¾"

Top Packer Depth 4613 Hole Size — 7⅞" Rubber Size — 6¾"

Bottom Packer Depth 4618 Wt. Pipe I.D. — 2.7 Ft. Run —

Total Depth 4760 Drill Collar — 2.25 Ft. Run —

Mud Wt. 9.2 PM lb/gal. Viscosity 50 Filtrate 13.6

Tool Open @ 4:36 PM Initial Blow SUR BLOW FOR 14 MIN NO BLOW IN

Final Blow NO BLOW 30 MIN

Recovery — Total Feet 30 Feet of Gas in Pipe — Flush Tool? —

Rec. 30	Feet Of OIL & MUD	%gas TR	%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 122 °F Gravity °API @ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides 11000 ppm System

(A) Initial Hydrostatic Mud	2377 PSI	AK1 Recorder No.	13308	Range	4700
(B) First Initial Flow Pressure	34 PSI	@ (depth)	4620	w/Clock No.	25828
(C) First Final Flow Pressure	24 PSI	AK1 Recorder No.	10248	Range	4400
(D) Initial Shut-In Pressure	216 PSI	@ (depth)	4755	w/Clock No.	27573
(E) Second Initial Flow Pressure	36 PSI	AK1 Recorder No.		Range	
(F) Second Final Flow Pressure	24 PSI	@ (depth)		w/Clock No.	
(G) Final Shut-In Pressure	109 PSI	Initial Opening	30	Test ✓	550.00
(H) Final Hydrostatic Mud	2342 PSI	Initial Shut-In	30	Jars ✓	200.00
		Final Flow	30	Safety Joint ✓	50.00
		Final Shut-In	30	Straddle	
				Circ. Sub ✓	NC
				Sampler	
				Extra Packer	
				Other	
				TOTAL PRICE $	800.00

Approved By Hal Brown

Our Representative Mack Hershey

Printcraft Printers - Hays, KS