TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name URBAN #4 Test No. 1 Date 10/17/92

Company AFG ENERGY, INC. Zone TOPEKA

Address P.O. BOX 606 RUSSELL KANSAS 67665-0605 Elevation 1996

Co. Rep./Geo. STEVE PARKER Cont. EMPHASIS RIG #8 Est. Ft. of Pay

Location: Sec. 10 Twp. 16S Rge. 17W Co. RUSH State KS

Interval Tested 2993-3043

Anchor Length 50

Top Packer Depth 2988

Bottom Packer Depth 2993

Total Depth 3043

Drill Pipe Size 4.5" XH

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

Drill Collar – 2.25 Ft. Run

Mud Wt. 8.9 lb/Gal.

Viscosity 40 Filtrate N/A

Tool Open @ 6:53 AM Initial Blow SLID TOOL 12 ft TO BOTTOM-3" BLOW BUILDING

TOOL SLID DURING OPENING/NO INITIAL SHUT IN

Final Blow 1/4" BLOW BUILDING TO 2"

Recovery - Total Feet 65 Flush Tool? NO

Rec. 65 Feet of THIN MUD WITH OIL SPECKS IN TOOL

Rec. Feet of

Rec. Feet of

Rec. Feet of

Rec. Feet of

BHT 98 °F Gravity °API @ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides ppm System

(A) Initial Hydrostatic Mud 1501.3 PSI AK1 Recorder No. 22150 Range 3925

(B) First Initial Flow Pressure 65.7 PSI @ (depth) 3027 w / Clock No. 30401

(C) First Final Flow Pressure 65.7 PSI AK1 Recorder No. 24174 Range 3050

(D) Initial Shut-in Pressure INVALID PSI @ (depth) 3042 w / Clock No. 27501

(E) Second Initial Flow Pressure 75.2 PSI AK1 Recorder No. Range

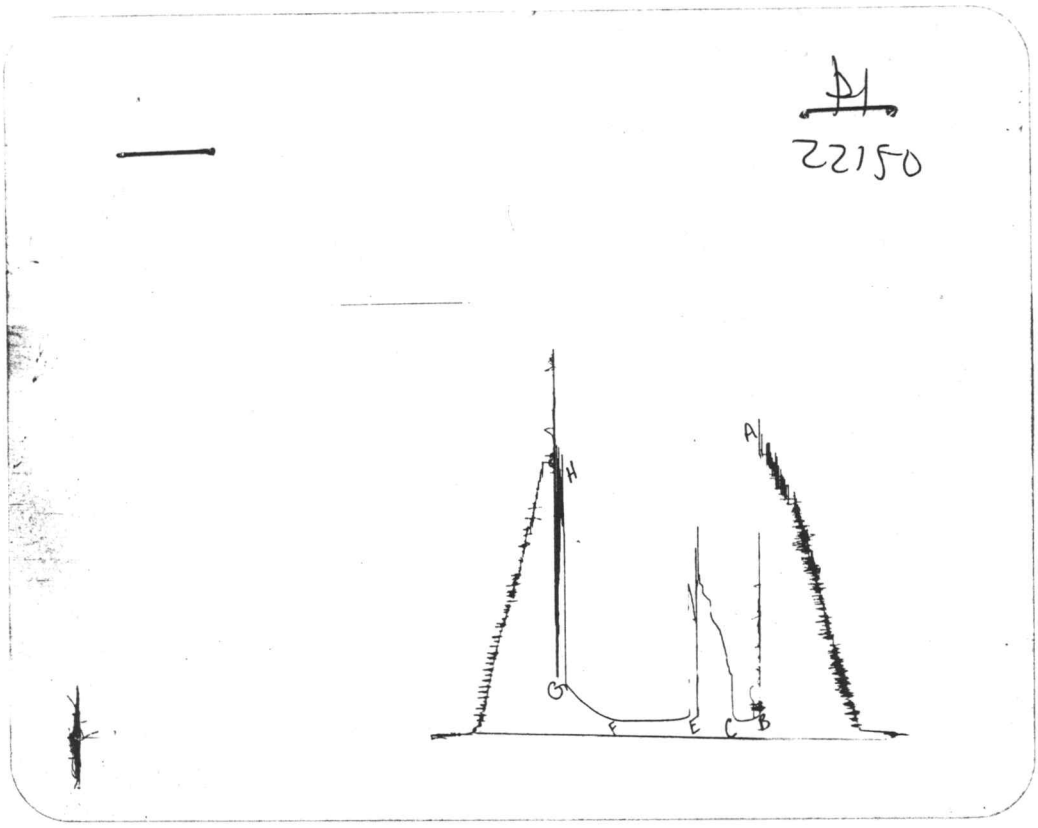
(F) Second Final Flow Pressure 83.4 PSI @ (depth) w / Clock No.

(G) Final Shut-in Pressure 277.9 PSI Initial Opening 45 Final Flow 45

(H) Final Hydrostatic Mud 1433.7 PSI Initial Shut-in - Final Shut-in 45

Our Representative PAUL SIMPSON

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1499	1501.3
(B) FIRST INITIAL FLOW PRESSURE	67	65.7
(C) FIRST FINAL FLOW PRESSURE	67	65.7
(D) INITIAL CLOSED-IN PRESSURE	INVALID	INVALID
(E) SECOND INITIAL FLOW PRESSURE	74	75.2
(F) SECOND FINAL FLOW PRESSURE	82	83.4
(G) FINAL CLOSED-IN PRESSURE	278	277.9
(H) FINAL HYDROSTATIC MUD	1439	1433.7

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No. 5225

Well Name & No. Urban #4 Test No. 1 Date 10-17-92

Company AFG Energy Inc Zone Tested Topeka

Address PO Box 605 Russell Ks Elevation 1996 KB

Co. Rep./Geo. Steve Parker Cont. Emphasis #8 Est. Ft. of Pay

Location: Sec. 10 Twp. 16s Rge. 17 w Co. Rush State Ks

No. of Copies ?3 Distribution Sheet ____ Yes ____ No Turnkey ____ Yes ____ No ____ Evaluation

Interval Tested 2993 -3043 Drill Pipe Size 4½ XH

Anchor Length 50 Top Choke — 1" ____ Bottom Choke — ¾" ____

Top Packer Depth 2988 Hole Size — 7⅞" ____ Rubber Size — 6¾" ____

Bottom Packer Depth 2993 Wt. Pipe I.D. — 2.7 Ft. Run ____

Total Depth 3043 Drill Collar — 2.25 Ft. Run ____

Mud Wt. 8.9 lb / gal. Viscosity 40 Filtrate ____

Tool Open @ 6:53AM Initial Blow slid tool 12' to bottom - 3" blow building to tool slid during opening - 30 in 1st shut-in

Final Blow 4" blow building to 2"

Recovery — Total Feet 65 Feet of Gas in Pipe ____ Flush Tool? ____

Rec. 65	Feet Of thin mud/w oil specks	%gas	%oil	%water	%mud
Rec. ____	Feet Of in tool	%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 98 °F Gravity ____ °API @ ____ °F Corrected Gravity ____ °API

RW ____ @ ____ °F Chlorides ____ ppm Recovery Chlorides ____ ppm System

(A) Initial Hydrostatic Mud	1494 PSI	AK1 Recorder No. 22150	Range 3925
(B) First Initial Flow Pressure	67 PSI	@ (depth) 3027	w/Clock No. 30401
(C) First Final Flow Pressure	67 PSI	AK1 Recorder No. 24174	Range 3050
(D) Initial Shut-In Pressure	invalid PSI	@ (depth) 3042	w/Clock No. 27501
(E) Second Initial Flow Pressure	74 PSI	AK1 Recorder No. ____	Range ____
(F) Second Final Flow Pressure	82 PSI	@ (depth) ____	w/Clock No. ____
(G) Final Shut-In Pressure	278 PSI	Initial Opening 45	Test ____
(H) Final Hydrostatic Mud	1439 PSI	Initial Shut-In 45	Jars ____
		Final Flow 45	Safety Joint ____
		Final Shut-In 45	Straddle ____
			Circ. Sub ____
			Sampler ____
			Extra Packer ____
			Other ____
			TOTAL PRICE $ 550.00

Approved By [signature]

Our Representative Paul Simpson

Printcraft Printers - Hays, KS

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name URBAN #4 Test No. 2 Date 10/18/92

Company AFG ENERGY, INC. Zone LKC-"A-B"

Address P.O. BOX 606 RUSSELL KANSAS 67665-0605 Elevation 1996

Co. Rep./Geo. STEVE PARKER Cont. EMPHASIS RIG #8 Est. Ft. of Pay

Location: Sec. 10 Twp. 16S Rge. 17W Co. RUSH State KS

Interval Tested 3272-3325 Drill Pipe Size 4.5" XH

Anchor Length 35 Wt. Pipe I.D. - 2.7 Ft. Run

Top Packer Depth 3267 Drill Collar – 2.25 Ft. Run

Bottom Packer Depth 3272 Mud Wt. 9 lb/Gal.

Total Depth 3325 Viscosity 48 Filtrate 10

Tool Open @ 1:06 PM Initial Blow WEAK-1/4" BLOW BUILDING TO 1 1/4"

Final Blow NO BLOW

Recovery - Total Feet 10 Flush Tool? NO

Rec. 10 Feet of MUD WITH OIL SPOTS

Rec. Feet of

Rec. Feet of

Rec. Feet of

Rec. Feet of

BHT 101 °F Gravity °API @ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides ppm System

(A) Initial Hydrostatic Mud 1622.3 PSI AK1 Recorder No. 22150 Range 3925

(B) First Initial Flow Pressure 40.8 PSI @ (depth) 3317 w / Clock No. 27573

(C) First Final Flow Pressure 45.6 PSI AK1 Recorder No. 24174 Range 3050

(D) Initial Shut-in Pressure 555.8 PSI @ (depth) 3324 w / Clock No. 30401

(E) Second Initial Flow Pressure 45.6 PSI AK1 Recorder No. Range

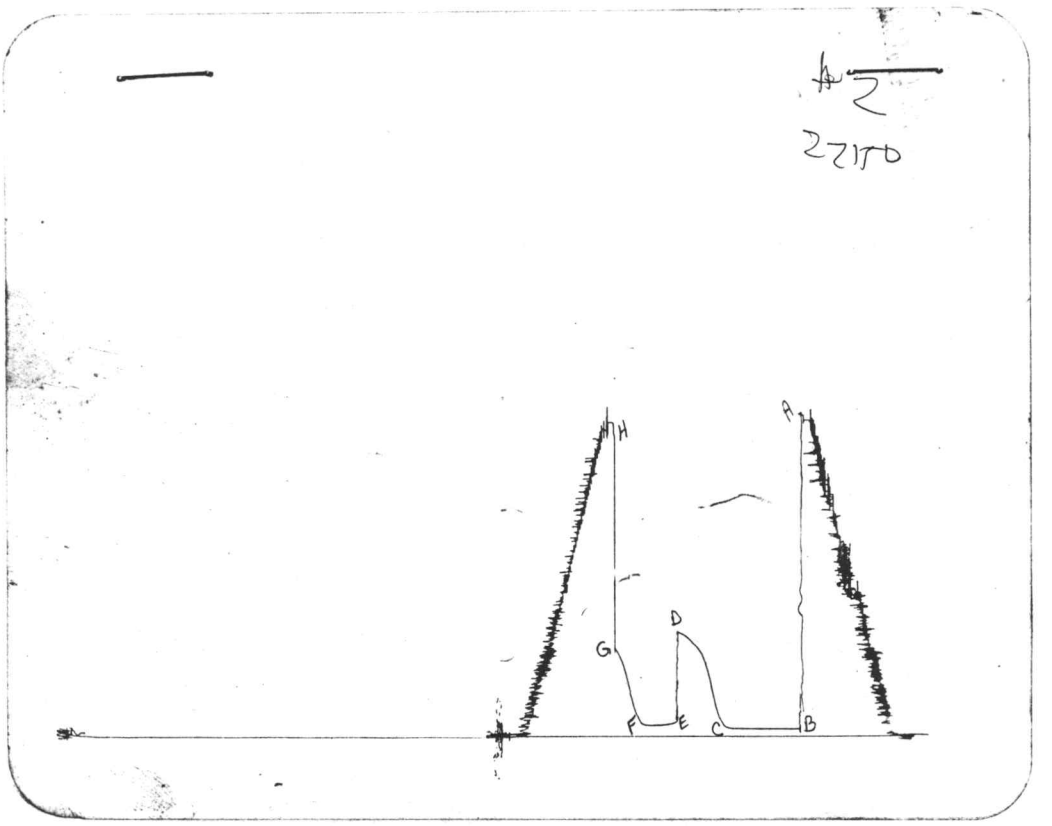
(F) Second Final Flow Pressure 45.6 PSI @ (depth) w / Clock No.

(G) Final Shut-in Pressure 466.7 PSI Initial Opening 45 Final Flow 15

(H) Final Hydrostatic Mud 1567.2 PSI Initial Shut-in 45 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	1621	1622.3
(B) FIRST INITIAL FLOW PRESSURE	37	40.8
(C) FIRST FINAL FLOW PRESSURE	44	45.6
(D) INITIAL CLOSED-IN PRESSURE	553	555.8
(E) SECOND INITIAL FLOW PRESSURE	44	45.6
(F) SECOND FINAL FLOW PRESSURE	44	45.6
(G) FINAL CLOSED-IN PRESSURE	461	466.7
(H) FINAL HYDROSTATIC MUD	1568	1567.2

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

№ 5526

Well Name & No. Urban #4 Test No. 2 Date 10-18-92

Company AFG Energy Inc Zone Tested LKC 'A-B'

Address _____ Elevation 1996 KB

Co. Rep./Geo. Steve Parker Cont. Emphasis # 8 Est. Ft. of Pay _____

Location: Sec. 10 Twp. 16s Rge. 17w Co. Rush State Ks

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

Interval Tested 3272-3325 Drill Pipe Size 4½ XH

Anchor Length 53 Top Choke — 1" _____ Bottom Choke — ¾" _____

Top Packer Depth 3267 Hole Size — 7⅞" _____ Rubber Size — 6¾" _____

Bottom Packer Depth 3272 Wt. Pipe I.D. — 2.7 Ft. Run _____

Total Depth 3325 Drill Collar — 2.25 Ft. Run _____

Mud Wt. 9.0 lb / gal. Viscosity 48 Filtrate 10%

Tool Open @ 1:06 PM Initial Blow weak - ¼" blow building to 1¼"

Final Blow no blow

Recovery — Total Feet 10 Feet of Gas in Pipe _____ Flush Tool? _____

Rec. 10	Feet Of mud w/ oil spots	%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 101 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

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

(A) Initial Hydrostatic Mud	1621 PSI	AK1 Recorder No.	22150	Range	3925
(B) First Initial Flow Pressure	37 PSI	@ (depth)	3317	w/Clock No.	27573
(C) First Final Flow Pressure	44 PSI	AK1 Recorder No.	24174	Range	3050
(D) Initial Shut-In Pressure	553 PSI	@ (depth)	3324	w/Clock No.	30401
(E) Second Initial Flow Pressure	44 PSI	AK1 Recorder No.	_____	Range	_____
(F) Second Final Flow Pressure	44 PSI	@ (depth)	_____	w/Clock No.	_____
(G) Final Shut-In Pressure	461 PSI	Initial Opening	45	Test	_____
(H) Final Hydrostatic Mud	1568 PSI	Initial Shut-In	45	Jars	_____
		Final Flow	15	Safety Joint	_____
		Final Shut-In	30	Straddle	_____
				Circ. Sub	_____
				Sampler	_____
				Extra Packer	_____
				Other	_____
				TOTAL PRICE $	_____

Approved By _____

Our Representative Paul Simpson

Printcraft Printers - Hays, KS

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name URBAN #4 Test No. 3 Date 10/19/92

Company AFG ENERGY, INC. Zone LKC

Address P.O. BOX 606 RUSSELL KANSAS 67665-0605 Elevation 1996

Co. Rep./Geo. STEVE PARKER Cont. EMPHASIS RIG #8 Est. Ft. of Pay

Location: Sec. 10 Twp. 16S Rge. 17W Co. RUSH State KS

Interval Tested 3326-3376 Drill Pipe Size 4.5" XH

Anchor Length 50 Wt. Pipe I.D. - 2.7 Ft. Run

Top Packer Depth 3321 Drill Collar – 2.25 Ft. Run

Bottom Packer Depth 3326 Mud Wt. 9.1 lb/Gal.

Total Depth 3376 Viscosity 50 Filtrate 10

Tool Open @ 3:33 AM Initial Blow WEAK SURFACE BLOW THROUGHOUT

Final Blow NO BLOW

Recovery - Total Feet 3 Flush Tool? NO

Rec. 3 Feet of MUD WITH OIL SPOTS IN TOOL

Rec. Feet of

Rec. Feet of

Rec. Feet of

Rec. Feet of

BHT 103 °F Gravity °API @ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides ppm System

(A) Initial Hydrostatic Mud 1660.9 PSI AK1 Recorder No. 22150 Range 3925

(B) First Initial Flow Pressure 33.2 PSI @ (depth) 3360 w / Clock No. 30401

(C) First Final Flow Pressure 33.2 PSI AK1 Recorder No. 24174 Range 3050

(D) Initial Shut-in Pressure 341.5 PSI @ (depth) 3375 w / Clock No. 27501

(E) Second Initial Flow Pressure 33.2 PSI AK1 Recorder No. Range

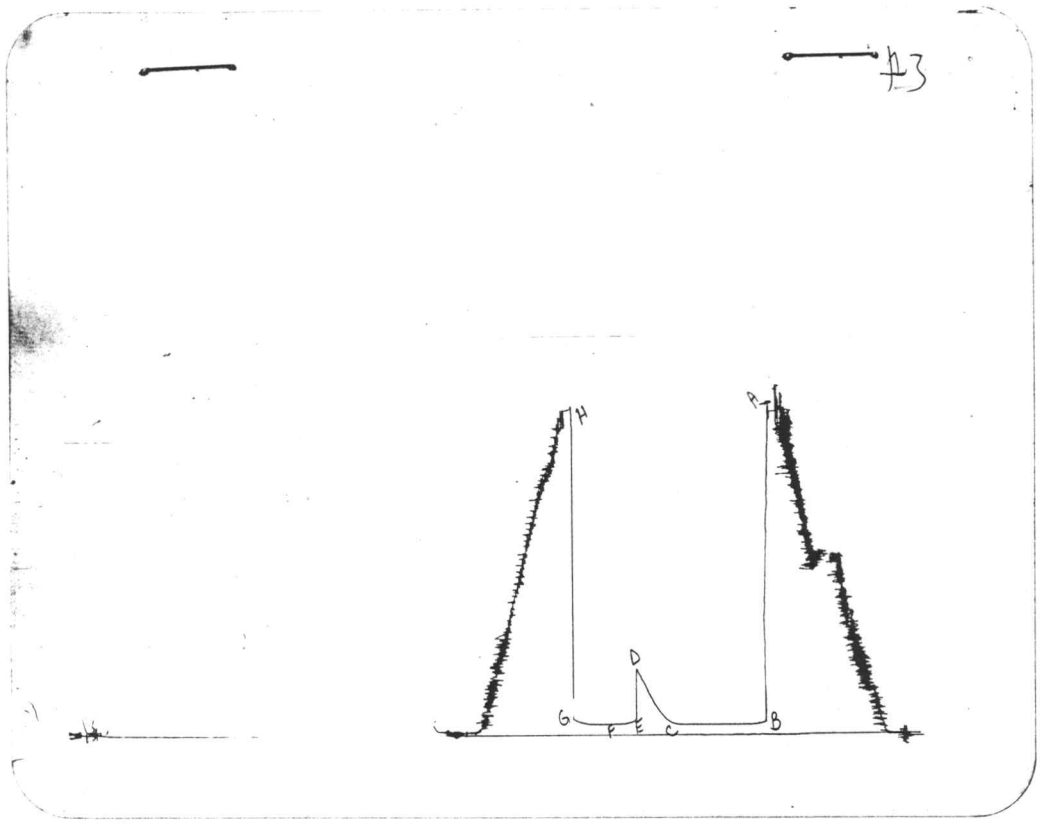
(F) Second Final Flow Pressure 33.2 PSI @ (depth) w / Clock No.

(G) Final Shut-in Pressure 91.6 PSI Initial Opening 45 Final Flow 15

(H) Final Hydrostatic Mud 1629.7 PSI Initial Shut-in 45 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	1658	1660.9
(B) FIRST INITIAL FLOW PRESSURE	30	33.2
(C) FIRST FINAL FLOW PRESSURE	30	33.2
(D) INITIAL CLOSED-IN PRESSURE	339	341.5
(E) SECOND INITIAL FLOW PRESSURE	30	33.2
(F) SECOND FINAL FLOW PRESSURE	30	33.2
(G) FINAL CLOSED-IN PRESSURE	89	91.6
(H) FINAL HYDROSTATIC MUD	1628	1629.7

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

№ 5527

Well Name & No. Urban #4 Test No. 3 Date 10-19-92

Company AFG Energy Inc Zone Tested LKC

Address _____ Elevation _____

Co. Rep./Geo. Steve Parker Cont. Emphasis #8 Est. Ft. of Pay _____

Location: Sec. 10 Twp. 16s Rge. 17w Co. Rush State Ks

No. of Copies 3 Distribution Sheet _____ Yes _____ No Turnkey _____ Yes _____ No _____ Evaluation

Interval Tested 3326 - 3376 Drill Pipe Size 4½ XH

Anchor Length 50 Top Choke — 1" _____ Bottom Choke — ¾" _____

Top Packer Depth 3321 Hole Size — 7⅞" _____ Rubber Size — 6¾" _____

Bottom Packer Depth 3326 Wt. Pipe I.D. — 2.7 Ft. Run _____

Total Depth 3376 Drill Collar — 2.25 Ft. Run _____

Mud Wt. 9.1 lb / gal. Viscosity 50 Filtrate 10 %

Tool Open @ 3:33 AM Initial Blow weak surface blow throughout

Final Blow no blow

Recovery — Total Feet 3 Feet of Gas in Pipe _____ Flush Tool? _____

Rec. 3	Feet Of mud - oil spots in tool	%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 103 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

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

(A) Initial Hydrostatic Mud	1658 PSI	AK1 Recorder No. 22150	Range 3925
(B) First Initial Flow Pressure	30 PSI	@ (depth) 3360	w/Clock No. 30401
(C) First Final Flow Pressure	30 PSI	AK1 Recorder No. 24174	Range 3050
(D) Initial Shut-In Pressure	339 PSI	@ (depth) 3375	w/Clock No. 27501
(E) Second Initial Flow Pressure	30 PSI	AK1 Recorder No. _____	Range _____
(F) Second Final Flow Pressure	30 PSI	@ (depth) _____	w/Clock No. _____
(G) Final Shut-In Pressure	89 PSI	Initial Opening 45	Test _____
(H) Final Hydrostatic Mud	1628 PSI	Initial Shut-In 45	Jars _____
		Final Flow 15	Safety Joint _____
		Final Shut-In 30	Straddle _____
			Circ. Sub _____
			Sampler _____
			Extra Packer _____
			Other _____
			TOTAL PRICE $ _____

Approved By Steve D. Parker

Our Representative Paul Simpson

Printcraft Printers - Hays, KS

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name URBAN #4 Test No. 4 Date 10/19/92

Company AFG ENERGY, INC. Zone LKC-"H-K"

Address P.O. BOX 606 RUSSELL KANSAS 67665-0605 Elevation 1996

Co. Rep./Geo. STEVE PARKER Cont. EMPHASIS RIG #8 Est. Ft. of Pay

Location: Sec. 10 Twp. 16S Rge. 17W Co. RUSH State KS

Interval Tested 3410-3505 Drill Pipe Size 4.5" XH

Anchor Length 95 Wt. Pipe I.D. - 2.7 Ft. Run

Top Packer Depth 3405 Drill Collar – 2.25 Ft. Run

Bottom Packer Depth 3410 Mud Wt. 9.2 lb/Gal.

Total Depth 3505 Viscosity 46 Filtrate 10

Tool Open @ 7:48 PM Initial Blow WEAK 1/4" BLOW BUILDING TO 2.5"

Final Blow 2.5" BLOW BUILDING TO 3.5

Recovery - Total Feet 30 Flush Tool? NO

Rec. 90 Feet of GAS IN PIPE

Rec. 30 Feet of OIL STAINED MUD-3%OIL/97%MUD

Rec. Feet of

Rec. Feet of

Rec. Feet of

BHT 105 °F Gravity °API @ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides ppm System

(A) Initial Hydrostatic Mud 1764.3 PSI AK1 Recorder No. 22150 Range 3925

(B) First Initial Flow Pressure 65.7 PSI @ (depth) 3476 w / Clock No. 27573

(C) First Final Flow Pressure 65.7 PSI AK1 Recorder No. 24174 Range 3050

(D) Initial Shut-in Pressure 220.4 PSI @ (depth) 3504 w / Clock No. 27501

(E) Second Initial Flow Pressure 75.2 PSI AK1 Recorder No. Range

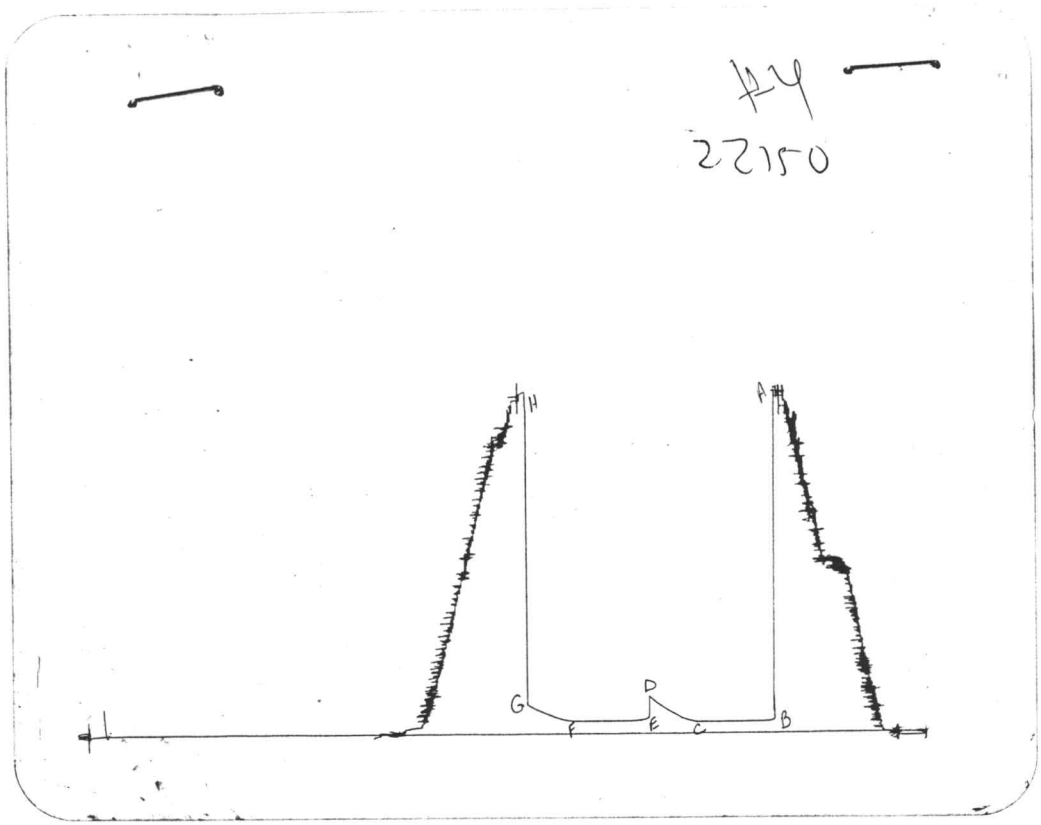
(F) Second Final Flow Pressure 75.2 PSI @ (depth) w / Clock No.

(G) Final Shut-in Pressure 177.8 PSI Initial Opening 45 Final Flow 45

(H) Final Hydrostatic Mud 1722.5 PSI Initial Shut-in 45 Final Shut-in 45

Our Representative PAUL SIMPSON

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1765	1764.3
(B) FIRST INITIAL FLOW PRESSURE	67	65.7
(C) FIRST FINAL FLOW PRESSURE	67	65.7
(D) INITIAL CLOSED-IN PRESSURE	217	220.4
(E) SECOND INITIAL FLOW PRESSURE	74	75.2
(F) SECOND FINAL FLOW PRESSURE	74	75.2
(G) FINAL CLOSED-IN PRESSURE	172	177.8
(H) FINAL HYDROSTATIC MUD	1728	1722.5

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No. 5528

Well Name & No. Urban #4 Test No. 4 Date 10-19-92

Company AFG Energy Inc Zone Tested LKC 'H-K'

Address _____ Elevation 1996 KB

Co. Rep./Geo. Steve Parke Cont. Emphasis #8 Est. Ft. of Pay _____

Location: Sec. 10 Twp. 16s Rge. 17w Co. Rush State Ks

No. of Copies 3 Distribution Sheet _____ Yes _____ No Turnkey _____ Yes _____ No _____ Evaluation

Interval Tested 3410-3505 Drill Pipe Size 4½ XH

Anchor Length 95 Top Choke — 1" _____ Bottom Choke — ¾" _____

Top Packer Depth 3405 Hole Size — 7⅞" _____ Rubber Size — 6¾" _____

Bottom Packer Depth 3410 Wt. Pipe I.D. — 2.7 Ft. Run _____

Total Depth 3505 Drill Collar — 2.25 Ft. Run _____

Mud Wt. 9.2 lb / gal. Viscosity 46 Filtrate 10

Tool Open @ 7:48PM Initial Blow Weak ¼" blow building to 2½"

Final Blow 2½" blow building to 3½"

Recovery — Total Feet 30 Feet of Gas in Pipe 90 Flush Tool? _____

Rec. 30 Feet Of OSM %gas 3 %oil %water 97 %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 105 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

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

(A) Initial Hydrostatic Mud	1765 PSI	AK1 Recorder No.	22150	Range	3925
(B) First Initial Flow Pressure	67 PSI	@ (depth)	3476	w/Clock No.	27573
(C) First Final Flow Pressure	67 PSI	AK1 Recorder No.	24174	Range	3050
(D) Initial Shut-In Pressure	217 PSI	@ (depth)	3504	w/Clock No.	27501
(E) Second Initial Flow Pressure	74 PSI	AK1 Recorder No.	_____	Range	_____
(F) Second Final Flow Pressure	74 PSI	@ (depth)	_____	w/Clock No.	_____
(G) Final Shut-In Pressure	172 PSI	Initial Opening	45	Test	X
(H) Final Hydrostatic Mud	1728 PSI	Initial Shut-In	45	Jars	_____
		Final Flow	45	Safety Joint	_____
		Final Shut-In	45	Straddle	_____
				Circ. Sub	_____
				Sampler	_____
				Extra Packer	_____
				Other	_____

TRILOBITE TESTING L.L.C. 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 SUSTAINED, 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 _____

Our Representative Paul Simpson

TOTAL PRICE $ 550.00

Printcraft Printers - Hays, KS

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name URBAN #4 Test No. 5 Date 10/20/92

Company AFG ENERGY, INC. Zone ARBUCKLE

Address P.O. BOX 606 RUSSELL KANSAS 67665-0605 Elevation 1996

Co. Rep./Geo. STEVE PARKER Cont. EMPHASIS RIG #8 Est. Ft. of Pay

Location: Sec. 10 Twp. 16S Rge. 17W Co. RUSH State KS

Interval Tested 3596-3610 Drill Pipe Size 4.5" XH

Anchor Length 14 Wt. Pipe I.D. - 2.7 Ft. Run

Top Packer Depth 3591 Drill Collar – 2.25 Ft. Run

Bottom Packer Depth 3596 Mud Wt. 9.2 lb/Gal.

Total Depth 3610 Viscosity 42 Filtrate 9.6

Tool Open @ 11:17 AM Initial Blow 1" BLOW BUILDING TO BOTTOM OF BUCKET IN 20 MINUTES
NO BLOW BACK ON SHUT IN

Final Blow WEAK SURFACE BLOW BUILDING TO 8"

Recovery - Total Feet 290 Flush Tool? NO

Rec. 290 Feet of MUDDY SALT WATER

Rec. Feet of

Rec. Feet of

Rec. Feet of

Rec. Feet of

BHT 109 °F Gravity °API @ °F Corrected Gravity °API

RW 0.38 @ 86 °F Chlorides 15000 ppm Recovery Chlorides ppm System

(A) Initial Hydrostatic Mud 1810.4 PSI AK1 Recorder No. 22150 Range 3925

(B) First Initial Flow Pressure 45.6 PSI @ (depth) 3599 w / Clock No. 30401

(C) First Final Flow Pressure 91.6 PSI AK1 Recorder No. 24174 Range 3050

(D) Initial Shut-in Pressure 1117.8 PSI @ (depth) 3609 w / Clock No. 27501

(E) Second Initial Flow Pressure 112.3 PSI AK1 Recorder No. Range

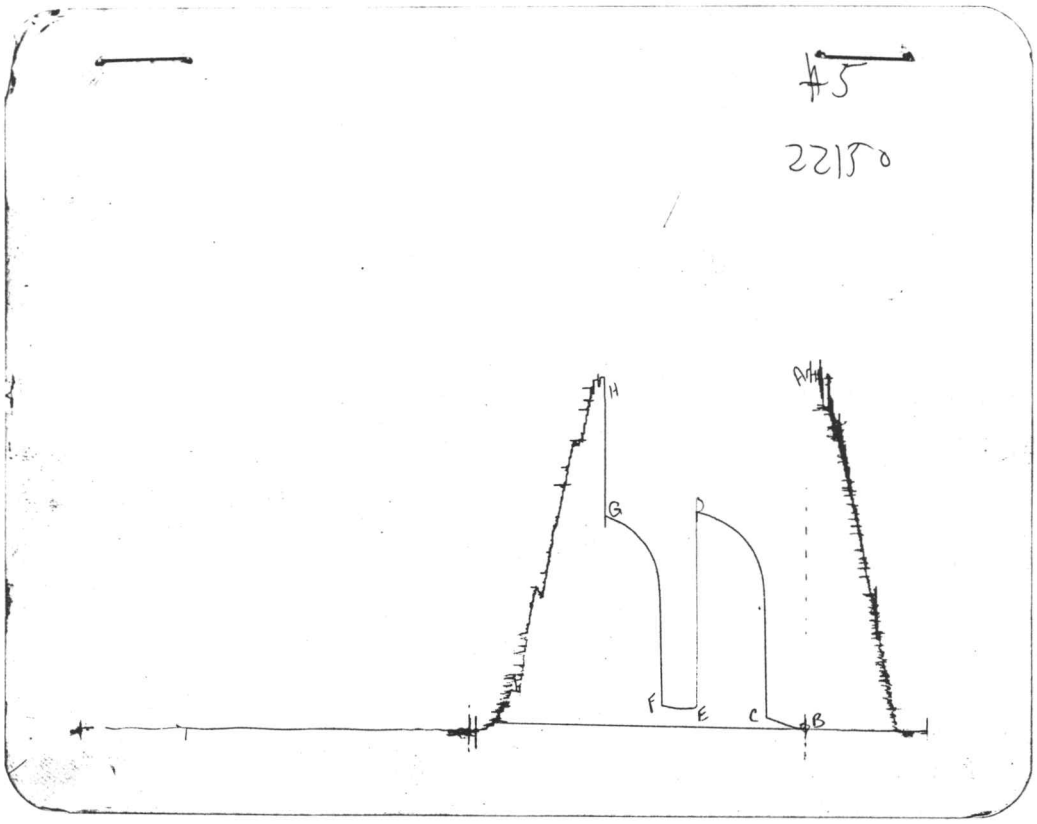
(F) Second Final Flow Pressure 151.2 PSI @ (depth) w / Clock No.

(G) Final Shut-in Pressure 1104.7 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 1796.3 PSI Initial Shut-in 45 Final Shut-in 45

Our Representative PAUL SIMPSON

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1803	1810.4
(B) FIRST INITIAL FLOW PRESSURE	44	45.6
(C) FIRST FINAL FLOW PRESSURE	89	91.6
(D) INITIAL CLOSED-IN PRESSURE	1115	1117.8
(E) SECOND INITIAL FLOW PRESSURE	111	112.3
(F) SECOND FINAL FLOW PRESSURE	149	151.2
(G) FINAL CLOSED-IN PRESSURE	1100	1104.7
(H) FINAL HYDROSTATIC MUD	1796	1796.3

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No. 5529

Well Name & No. Urban #4 Test No. 5 Date 10/20/92

Company AFG Energy Inc Zone Tested Arb

Address Elevation 1996 KB

Co. Rep./Geo. Steve Parker Cont. Emphasis #8 Est. Ft. of Pay

Location: Sec. 10 Twp. 16s Rge. 17w Co. Rush State Ks

No. of Copies 3 Distribution Sheet ____ Yes ____ No Turnkey ____ Yes X No ND Evaluation

Interval Tested 3596-3610 Drill Pipe Size 4½ XH

Anchor Length 14 Top Choke — 1" ____ Bottom Choke — ¾" ____

Top Packer Depth 3591 Hole Size — 7⅞" ____ Rubber Size — 6¾" ____

Bottom Packer Depth 3596 Wt. Pipe I.D. — 2.7 Ft. Run ____

Total Depth 3610 Drill Collar — 2.25 Ft. Run ____

Mud Wt. 9.2 lb / gal. Viscosity 42 Filtrate 9.6

Tool Open @ 11:17AM Initial Blow 1" blow building to bottom of bucket in 20 minutes (no blowback on shutin)

Final Blow weak surface blow building to 5"

Recovery — Total Feet 290 Feet of Gas in Pipe ____ Flush Tool? N

Rec. 290	Feet Of	muddy salt 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 109 °F Gravity ____ °API @ ____ °F Corrected Gravity ____ °API

RW .38 @ 86 °F Chlorides 15,000 ppm Recovery Chlorides ____ ppm System

(A) Initial Hydrostatic Mud	1803 PSI	AK1 Recorder No.	22150	Range	3925
(B) First Initial Flow Pressure	44 45.6 PSI	@ (depth)	3599	w/Clock No.	30401
(C) First Final Flow Pressure	89 91.6 PSI	AK1 Recorder No.	24174	Range	3050
(D) Initial Shut-In Pressure	1115 PSI	@ (depth)	3609	w/Clock No.	27501
(E) Second Initial Flow Pressure	111 PSI	AK1 Recorder No.	____	Range	____
(F) Second Final Flow Pressure	149 PSI	@ (depth)	____	w/Clock No.	____
(G) Final Shut-In Pressure	1100 PSI	Initial Opening	30	Test	____
(H) Final Hydrostatic Mud	1796 PSI	Initial Shut-In	45	Jars	____
		Final Flow	30	Safety Joint	____
		Final Shut-In	45	Straddle	____
				Circ. Sub	____
				Sampler	____
				Extra Packer	____
				Other	____
				TOTAL PRICE $	____

Approved By Steve Parker

Our Representative Paul Simpson

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