TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name McINTYRE #2 Test No. 1 Date 5/23/94

Company AFG ENERGY, INC. Zone TOPEKA

Address P.O. BOX 458 HAYS KANSAS 67601 Elevation 2051

Co. Rep./Geo. ED GLASSMAN Cont. DUKE DRLG RIG #4 Est. Ft. of Pay

Location: Sec. 32 Twp. 17S Rge. 16W Co. RUSH State KS

Interval Tested 3002-3070 Drill Pipe Size 4.5" XH

Anchor Length 68 Wt. Pipe I.D. - 2.7 Ft. Run

Top Packer Depth 2997 Drill Collar – 2.25 Ft. Run

Bottom Packer Depth 3002 Mud Wt. 8.8 lb/Gal.

Total Depth 3070 Viscosity 41 Filtrate 12

Tool Open @ 2:15 AM Initial Blow STRONG BLOW-BOTTOM OF BUCKET IN 5 MINUTES

Final Blow VERY STRONG BLOW - BOTTOM OF BUCKET IN 5 TO 10 SECONDS

Recovery - Total Feet 35 Flush Tool? YES

Rec. 35 Feet of DRILLING MUD

Rec. Feet of

Rec. Feet of

Rec. Feet of

Rec. Feet of

BHT 100 °F Gravity °API @ °F Corrected Gravity °API

RW @ °F Chlorides 5000 ppm Recovery Chlorides 5000 ppm System

(A) Initial Hydrostatic Mud 1419.7 PSI AK1 Recorder No. 13788 Range 4650

(B) First Initial Flow Pressure 55.8 PSI @ (depth) 3067 w / Clock No. 22993

(C) First Final Flow Pressure 55.8 PSI AK1 Recorder No. 10248 Range 4400

(D) Initial Shut-in Pressure 722.3 PSI @ (depth) 3032 w / Clock No. 30410

(E) Second Initial Flow Pressure 58.1 PSI AK1 Recorder No. Range

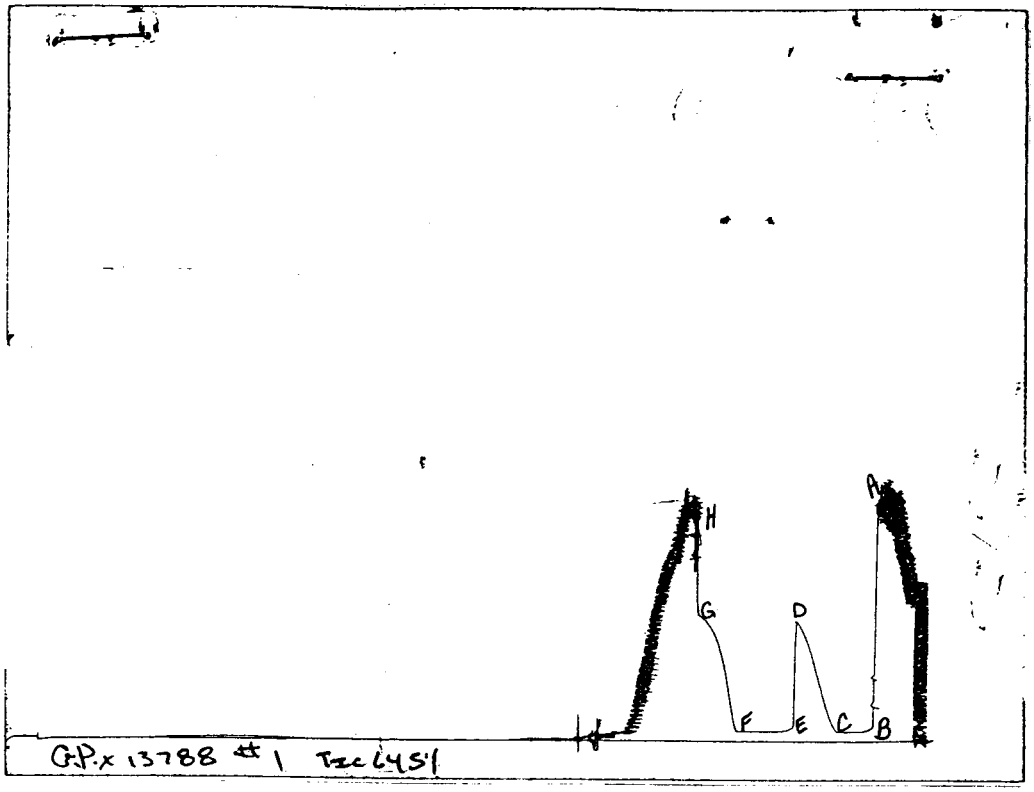
(F) Second Final Flow Pressure 62.7 PSI @ (depth) w / Clock No.

(G) Final Shut-in Pressure 761.5 PSI Initial Opening 30 Final Flow 45

(H) Final Hydrostatic Mud 1405.9 PSI Initial Shut-in 30 Final Shut-in 30

Our Representative GARYPEVOTEAUX

CHART PAGE



This is an actual photograph of recorder chart #13788

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1420	1419.7
(B) FIRST INITIAL FLOW PRESSURE	46	55.8
(C) FIRST FINAL FLOW PRESSURE	46	55.8
(D) INITIAL CLOSED-IN PRESSURE	712	722.3
(E) SECOND INITIAL FLOW PRESSURE	47	58.1
(F) SECOND FINAL FLOW PRESSURE	51	62.7
(G) FINAL CLOSED-IN PRESSURE	747	761.5
(H) FINAL HYDROSTATIC MUD	1385	1405.9

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No. 6451

Well Name & No. McINTYRE #2 Test No. 1 Date 5-23-94

Company AFG ENERGY INC. Zone Tested TOPEKA

Address P.O. BOX 458 HAYS KS. 67601-0458 Elevation 2051 K.B.

Co. Rep./Geo. ED GLASSMAN Cont. DUKE DRLG. #4 Est. Ft. of Pay

Location: Sec. 32 Twp. 17S Rge. 16W Co. RUSH State KS.

No. of Copies 5 Distribution Sheet ____ Yes ____ No Turnkey ____ Yes ____ No ____ Evaluation

Interval Tested 3002 - 3070' Drill Pipe Size 4½" X.H.

Anchor Length 68' Top Choke — 1" ✓ Bottom Choke — ¼" ✓

Top Packer Depth 2997' Hole Size — 7⅞" ✓ Rubber Size — 6¾" ✓

Bottom Packer Depth 3002' Wt. Pipe I.D. — 2.7 Ft. Run NONE

Total Depth 3070' Drill Collar — 2.25 Ft. Run NONE

Mud Wt. 8.8 lb/gal. Viscosity 41 Filtrate 12.0 cc.

Tool Open @ 2:15 A.M. Initial Blow Strong blows. (Return of bucket in 5 mins.)

Final Blow Very strong blows. (Return of bucket in 5-10 secs.)

Recovery — Total Feet 35 Feet of Gas in Pipe ____ Flush Tool? No

Rec. 35 Feet Of	Drlg. Mud.	%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 100 °F Gravity N.A. °API @ — °F Corrected Gravity N.A. °API

RW N.A. @ — °F Chlorides 5,000 ppm Recovery Chlorides 5,000 ppm System

(A) Initial Hydrostatic Mud	1420 PSI	AK1 Recorder No.	13788	Range	4650
(B) First Initial Flow Pressure	46 PSI	@ (depth)	3067'	w/Clock No.	22993
(C) First Final Flow Pressure	46 PSI	AK1 Recorder No.	10248	Range	4400
(D) Initial Shut-In Pressure	712 PSI	@ (depth)	3032'	w/Clock No.	30410
(E) Second Initial Flow Pressure	47 PSI	AK1 Recorder No.	—	Range	—
(F) Second Final Flow Pressure	51 PSI	@ (depth)	—	w/Clock No.	—
(G) Final Shut-In Pressure	747 PSI	Initial Opening	30	Test	✓
(H) Final Hydrostatic Mud	1385 PSI	Initial Shut-In	30	Jars	
		Final Flow	45	Safety Joint	
		Final Shut-In	30	Straddle	
				Circ. Sub	
				Sampler	
				Extra Packer	
				Other	
				TOTAL PRICE $	✓ 600.00

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 E Glassman

Our Representative Jerry Putnam

Printcraft Printers - Hays, KS

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name McINTYRE #2 Test No. 2 Date 5/23/94

Company AFG ENERGY, INC. Zone TOR-"A-B-C"

Address P.O. BOX 458 HAYS KANSAS 67601 Elevation 2051

Co. Rep./Geo. ED GLASSMAN Cont. DUKE DRLG RIG #4 Est. Ft. of Pay

Location: Sec. 32 Twp. 17S Rge. 16W Co. RUSH State KS

Interval Tested 3250-3335 Drill Pipe Size 4.5" XH

Anchor Length 85 Wt. Pipe I.D. - 2.7 Ft. Run

Top Packer Depth 3245 Drill Collar – 2.25 Ft. Run

Bottom Packer Depth 3250 Mud Wt. 8.9 lb/Gal.

Total Depth 3335 Viscosity 45 Filtrate 11.2

Tool Open @ 9:55 PM Initial Blow STRONG-BOTTOM OF BUCKET IN 4 MINUTES

Final Blow STRONG-BOTTOM OF BUCKET IN 10 SECONDS- GAS TO SURFACE

Recovery - Total Feet 30 Flush Tool? NO

Rec. Feet of GAS TO SURFACE

Rec. 30 Feet of GASSY MUD- 20% GAS / 80% MUD

Rec. Feet of

Rec. Feet of

Rec. Feet of

BHT 104 °F Gravity °API @ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides 5000 ppm System

(A) Initial Hydrostatic Mud 1665.9 PSI AK1 Recorder No. 13754 Range 4000

(B) First Initial Flow Pressure 47.2 PSI @ (depth) 3254 w / Clock No. 27501

(C) First Final Flow Pressure 47.2 PSI AK1 Recorder No. 7437 Range 4200

(D) Initial Shut-in Pressure 427.1 PSI @ (depth) 3331 w / Clock No. 27567

(E) Second Initial Flow Pressure 49.2 PSI AK1 Recorder No. Range

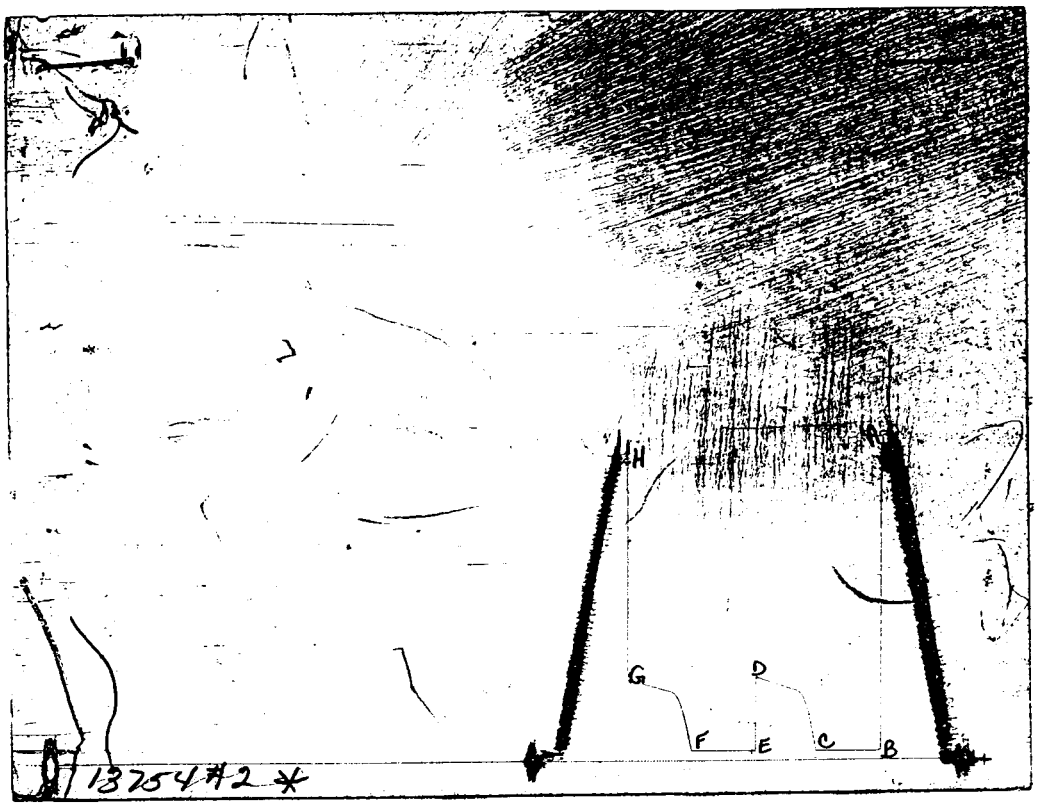
(F) Second Final Flow Pressure 50.1 PSI @ (depth) w / Clock No.

(G) Final Shut-in Pressure 414.3 PSI Initial Opening 45 Final Flow 45

(H) Final Hydrostatic Mud 1632.9 PSI Initial Shut-in 45 Final Shut-in 45

Our Representative DAN BANGLE

CHART PAGE



This is an actual photograph of recorder chart #13754

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1716	1665.9
(B) FIRST INITIAL FLOW PRESSURE	49	47.2
(C) FIRST FINAL FLOW PRESSURE	49	47.2
(D) INITIAL CLOSED-IN PRESSURE	423	427.1
(E) SECOND INITIAL FLOW PRESSURE	49	49.2
(F) SECOND FINAL FLOW PRESSURE	49	50.1
(G) FINAL CLOSED-IN PRESSURE	423	414.3
(H) FINAL HYDROSTATIC MUD	1636	1632.9

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

№ 7117

Well Name & No. McIntyre #2 Test No. 2 Date 5-23-94

Company AFG Energy, Inc. Zone Tested Toronto A-B-C

Address Box 458, Hays, Ks. 67601 Elevation 2051 K.B.

Co. Rep./Geo. Ed Glassman Cont. Duke #4 Est. Ft. of Pay

Location: Sec. 32 Twp. 17 Rge. 16 Co. Rush State Ks.

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

Interval Tested 3250 - 3335 Drill Pipe Size 4.5 XH

Anchor Length 85 Top Choke — 1" Bottom Choke — ¾"

Top Packer Depth 3245 Hole Size — 7⅞" Rubber Size — 6¾"

Bottom Packer Depth 3250 Wt. Pipe I.D. — 2.7 Ft. Run

Total Depth 3335 Drill Collar — 2.25 Ft. Run

Mud Wt. 8.9 lb/gal. Viscosity 45 Filtrate 11.2

Tool Open @ 9:55 p.m. Initial Blow Strong - B.O.B in 4 min.

Final Blow Strong - B.O.B. in 10 sec. GTS on FSI

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

Rec. 30 Feet Of Gsy mud 20 %gas %oil %water 80 %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 104 °F Gravity °API @ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides 5,000 ppm System

(A) Initial Hydrostatic Mud 1716 PSI AK1 Recorder No. 13754 Range 4000

(B) First Initial Flow Pressure 49 PSI @ (depth) 3254 w/Clock No. 27501

(C) First Final Flow Pressure 49 PSI AK1 Recorder No. 7437 Range 4200

(D) Initial Shut-In Pressure 423 PSI @ (depth) 3331 w/Clock No. 27567

(E) Second Initial Flow Pressure 49 PSI AK1 Recorder No. Range

(F) Second Final Flow Pressure 49 PSI @ (depth) w/Clock No.

(G) Final Shut-In Pressure 423 PSI Initial Opening 45 Test 600.00

(H) Final Hydrostatic Mud 1636 PSI Initial Shut-In 45 Jars

Final Flow 45 Safety Joint

Final Shut-In 45 Straddle

Circ. Sub

Sampler

Extra Packer

Other

TOTAL PRICE $ 600.00

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Approved By Ed Glassman

Our Representative Dan Bangle

Printcraft Printers - Hays, KS

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name McINTYRE #2 Test No. 3 Date 5/24/94

Company AFG ENERGY, INC. Zone LKC

Address P.O. BOX 458 HAYS KANSAS 67601 Elevation 2051

Co. Rep./Geo. ED GLASSMAN Cont. DUKE DRLG RIG #4 Est. Ft. of Pay

Location: Sec. 32 Twp. 17S Rge. 16W Co. RUSH State KS

Interval Tested 3341-3400 Drill Pipe Size 4.5" XH

Anchor Length 59 Wt. Pipe I.D. - 2.7 Ft. Run

Top Packer Depth 3336 Drill Collar – 2.25 Ft. Run

Bottom Packer Depth 3341 Mud Wt. 9.2 lb/Gal.

Total Depth 3400 Viscosity 45 Filtrate 9.6

Tool Open @ 11:25 AM Initial Blow WEAK-DIED IN 25 MINUTES

Final Blow WEAK-FLUSHED TOOL-WEAK BLOW-DIED IN 20 MINUTES

Recovery - Total Feet 15 Flush Tool? YES

Rec. 15 Feet of DRILLING MUD

Rec. Feet of

Rec. Feet of

Rec. Feet of

Rec. Feet of

BHT 108 °F Gravity °API @ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides 9000 ppm System

(A) Initial Hydrostatic Mud 1703.9 PSI AK1 Recorder No. 13754 Range 4000

(B) First Initial Flow Pressure 37.4 PSI @ (depth) 3345 w / Clock No. 27501

(C) First Final Flow Pressure 39.3 PSI AK1 Recorder No. 7437 Range 4200

(D) Initial Shut-in Pressure 727.2 PSI @ (depth) 3396 w / Clock No. 27567

(E) Second Initial Flow Pressure 42.3 PSI AK1 Recorder No. Range

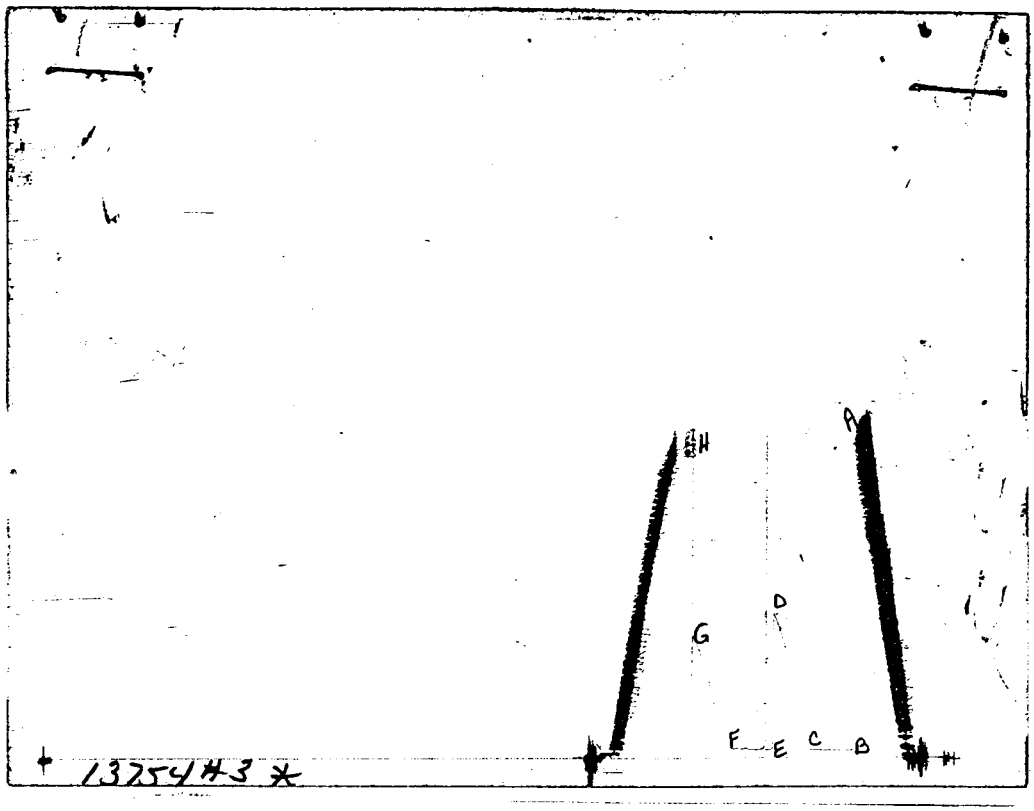
(F) Second Final Flow Pressure 42.3 PSI @ (depth) w / Clock No.

(G) Final Shut-in Pressure 618.5 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 1652.9 PSI Initial Shut-in 30 Final Shut-in 30

Our Representative DAN BANGLE

CHART PAGE



This is an actual photograph of recorder chart #13754

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1776	1703.9
(B) FIRST INITIAL FLOW PRESSURE	39	37.4
(C) FIRST FINAL FLOW PRESSURE	39	39.3
(D) INITIAL CLOSED-IN PRESSURE	739	727.2
(E) SECOND INITIAL FLOW PRESSURE	39	42.3
(F) SECOND FINAL FLOW PRESSURE	49	42.3
(G) FINAL CLOSED-IN PRESSURE	620	618.5
(H) FINAL HYDROSTATIC MUD	1686	1652.9

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No. 7118

Well Name & No. McIntyre #2 Test No. 3 Date 5-24-94

Company AFG Energy, Inc Zone Tested

Address Elevation 2051 K.B.

Co. Rep./Geo. Ed Glassman Cont. Duke #4 Est. Ft. of Pay

Location: Sec. 32 Twp. 17 Rge. 16 Co. Rush State Ks.

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

Interval Tested 3341-3400 Drill Pipe Size 4.5 XH

Anchor Length 59 Top Choke — 1" Bottom Choke — ¾"

Top Packer Depth 3336 Hole Size — 7⅞" Rubber Size — 6¾"

Bottom Packer Depth 3341 Wt. Pipe I.D. — 2.7 Ft. Run

Total Depth 3400 Drill Collar — 2.25 Ft. Run

Mud Wt. 9.2 lb / gal. Viscosity 45 Filtrate 9.6

Tool Open @ 11:25 a.m. Initial Blow Weak - Died in 25 min.

Final Blow Weak - flushed Tool - Weak blow - Died in 20 min.

Recovery — Total Feet 15 Feet of Gas in Pipe Flush Tool? ✓

Rec. 15	Feet Of D.M.	%gas	%oil	%water 100	%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 108 °F Gravity °API @ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides 9,000 ppm System

(A) Initial Hydrostatic Mud	1776 PSI	AK1 Recorder No.	13754	Range	4000
(B) First Initial Flow Pressure	39 PSI	@ (depth)	3345	w/Clock No.	27501
(C) First Final Flow Pressure	39 PSI	AK1 Recorder No.	7437	Range	4200
(D) Initial Shut-In Pressure	739 PSI	@ (depth)	3396	w/Clock No.	27567
(E) Second Initial Flow Pressure	39 PSI	AK1 Recorder No.		Range	
(F) Second Final Flow Pressure	49 PSI	@ (depth)		w/Clock No.	
(G) Final Shut-In Pressure	620 PSI	Initial Opening	30	Test	600-00
(H) Final Hydrostatic Mud	1686 PSI	Initial Shut-In	30	Jars	
		Final Flow	30	Safety Joint	
		Final Shut-In	30	Straddle	
				Circ. Sub	
				Sampler	
				Extra Packer	
				Other	
				TOTAL PRICE $	600-00

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 Dan Rousseau

Printcraft Printers - Hays, KS

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name McINTYRE #2 Test No. 4 Date 5/25/94

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

Address P.O. BOX 458 HAYS KANSAS 67601 Elevation 2051

Co. Rep./Geo. ED GLASSMAN Cont. DUKE DRLG RIG #4 Est. Ft. of Pay

Location: Sec. 32 Twp. 17S Rge. 16W Co. RUSH State KS

Interval Tested 3445-3525 Drill Pipe Size 4.5" XH

Anchor Length 80 Wt. Pipe I.D. - 2.7 Ft. Run

Top Packer Depth 3440 Drill Collar – 2.25 Ft. Run

Bottom Packer Depth 3445 Mud Wt. 8.9 lb/Gal.

Total Depth 3525 Viscosity 48 Filtrate 8.8

Tool Open @ 4:03 AM Initial Blow STRONG-BOTTOM OF BUCKET IN 4 MINUTES

Final Blow STRONG-BOTTOM OF BUCKET AS SOON AS TOOL OPENED-
GAS TO SURFACE IN 5 MIN ON FINAL FLOW-SAMPLE TAKEN-GAUGED

Recovery - Total Feet 45 Flush Tool? NO

Rec. Feet of GAS TO SURFACE

Rec. 45 Feet of DRILLING MUD

Rec. Feet of

Rec. Feet of

Rec. Feet of

BHT 110 °F Gravity °API @ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides 8000 ppm System

(A) Initial Hydrostatic Mud 1875.9 PSI AK1 Recorder No. 13754 Range 4000

(B) First Initial Flow Pressure 52.1 PSI @ (depth) 3449 w / Clock No. 27501

(C) First Final Flow Pressure 58.1 PSI AK1 Recorder No. 7437 Range 4200

(D) Initial Shut-in Pressure 969.3 PSI @ (depth) 3521 w / Clock No. 27567

(E) Second Initial Flow Pressure 68.9 PSI AK1 Recorder No. Range

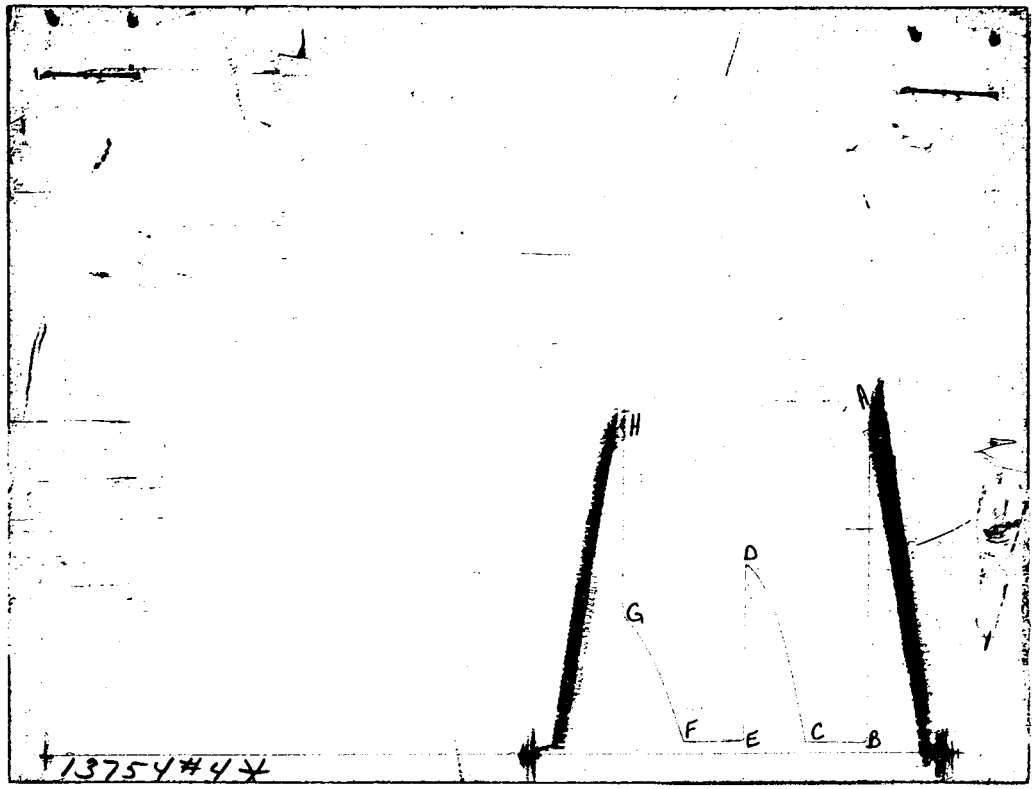
(F) Second Final Flow Pressure 64.9 PSI @ (depth) w / Clock No.

(G) Final Shut-in Pressure 715.4 PSI Initial Opening 45 Final Flow 45

(H) Final Hydrostatic Mud 1730.9 PSI Initial Shut-in 45 Final Shut-in 45

Our Representative DAN BANGLE

CHART PAGE



This is an actual photograph of recorder chart #13754

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1906	1875.9
(B) FIRST INITIAL FLOW PRESSURE	68	52.1
(C) FIRST FINAL FLOW PRESSURE	68	58.1
(D) INITIAL CLOSED-IN PRESSURE	976	969.3
(E) SECOND INITIAL FLOW PRESSURE	78	68.9
(F) SECOND FINAL FLOW PRESSURE	78	64.9
(G) FINAL CLOSED-IN PRESSURE	719	715.4
(H) FINAL HYDROSTATIC MUD	1746	1730.9

McINTYRE #2 DST #4
INITIAL SHUTIN

45 INITIAL FLOW TIME

SLOPE P* PSI/CYCLE PSI

TIME(MIN)	Pws (psi)	Log Horn T	<> PRESSURE	Horn T
3	152.5	1.204	152.5	16
6	250.9	0.929	98.4	9
9	360.2	0.778	109.3	6
12	452.7	0.677	92.5	5
15	536.5	0.602	83.8	4
18	613.6	0.544	77.1	4
21	680.8	0.497	67.2	3
24	739.1	0.459	58.3	3
27	788.5	0.426	49.4	3
30	832.0	0.398	43.5	3
33	870.5	0.374	38.5	2
36	901.1	0.352	30.6	2
39	930.8	0.333	29.7	2
42	952.5	0.316	21.7	2
45	969.3	0.301	16.8	2

McINTYRE #2 DST #4
SHUTIN

90 TOTAL FLOW TIME

SLOPE P* PSI/CYCLE PSI

TIME(MIN)	Pws (psi)	Log Horn T	<> PRESSURE	Horn T
3	121.1	1.491	121.1	31
6	179.1	1.204	58.0	16
9	236.2	1.041	57.1	11
12	292.3	0.929	56.1	9
15	345.4	0.845	53.1	7
18	394.6	0.778	49.2	6
21	439.9	0.723	45.3	5
24	484.2	0.677	44.3	5
27	521.7	0.637	37.5	4
30	559.2	0.602	37.5	4
33	591.8	0.571	32.6	4
36	622.5	0.544	30.7	4
39	648.2	0.520	25.7	3
42	675.8	0.497	27.6	3
45	699.5	0.477	23.7	3
48	715.4	0.459	15.9	3

INITIAL FLOW

RECORDER 13754 DST # 4

TIME(MIN)	PRESSURE	<> PRESSURE
0	52.1	52.1
3	52.1	0.0
6	53.1	1.0
9	53.1	0.0
12	54.1	1.0
15	54.1	0.0
18	54.1	0.0
21	55.1	1.0
24	55.1	0.0
27	55.1	0.0
30	56.1	1.0
33	56.1	0.0
36	57.1	1.0
39	57.1	0.0
42	58.1	1.0
45	58.1	0.0

FINAL FLOW

RECORDER 13754 DST # 4

TIME(MIN)	PRESSURE	<> PRESSURE
0	68.9	68.9
3	65.9	-3.0
6	64.9	-1.0
9	64.9	0.0
12	64.9	0.0
15	64.9	0.0
18	64.9	0.0
21	64.9	0.0
24	64.9	0.0
27	64.9	0.0
30	64.9	0.0
33	64.9	0.0
36	64.9	0.0
39	64.9	0.0
42	64.9	0.0
45	64.9	0.0

GAS VOLUME REPORT

AFG ENERGY, INC.

McINTYRE #2 DST # 4

MIN	PSIG	ORIFICE	MCF/D	MIN	PSIG	ORIFICE	MCF/D
				0		0.25	
				5	10	0.25	5.32
				10	10	0.25	5.32
				15	10	0.25	5.32
				20	10	0.25	5.32
				25	10	0.25	5.32
				30	10	0.25	5.32
				35	10	0.25	5.32
				40	10	0.25	5.32
				45	10	0.25	5.32

Remarks: GAS TO SURFACE 5 MINUTES INTO FINAL FLOW -GAS SAMPLE TAKEN

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

№ 7119

Well Name & No. McIntyre #2 Test No. 4 Date 5-25-94

Company AFG Energy, Inc Zone Tested H-I-J-K L.KC.

Address _____ Elevation 2051 K.B

Co. Rep./Geo. Ed Glassman Cont. Duke #4 Est. Ft. of Pay _____

Location: Sec. 32 Twp. 17 Rge. 16 Co. Rush State Ks

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

Interval Tested 3445 - 3525 Drill Pipe Size 4.5 XH

Anchor Length 80 Top Choke — 1" _____ Bottom Choke — ¾" _____

Top Packer Depth 3440 Hole Size — 7⅞" _____ Rubber Size — 6¾" _____

Bottom Packer Depth 3445 Wt. Pipe I.D. — 2.7 Ft. Run _____

Total Depth 3525 Drill Collar — 2.25 Ft. Run _____

Mud Wt. 8.9 lb/gal. Viscosity 48 Filtrate 8.8

Tool Open @ 4:03 a.m. Initial Blow STrong - B.O.B. in 4min.

Final Blow STrong - B.O.B as soon as tool opened - GTS in 5 min of FF - Sample Taken - Gauged

Recovery — Total Feet 45 Feet of Gas in Pipe GTS Flush Tool? _____

Rec. 45 Feet Of D.M. %gas %oil %water 100 %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 110 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 8,000 ppm System

(A) Initial Hydrostatic Mud	1806 PSI	AK1 Recorder No.	13754	Range	4000
(B) First Initial Flow Pressure	68 PSI	@ (depth)	3449	w/Clock No.	27501
(C) First Final Flow Pressure	68 PSI	AK1 Recorder No.	7437	Range	4200
(D) Initial Shut-In Pressure	976 PSI	@ (depth)	3521	w/Clock No.	27567
(E) Second Initial Flow Pressure	78 PSI	AK1 Recorder No.		Range	
(F) Second Final Flow Pressure	78 PSI	@ (depth)		w/Clock No.	
(G) Final Shut-In Pressure	719 PSI	Initial Opening	45	Test	
(H) Final Hydrostatic Mud	1746 PSI	Initial Shut-In	45	Jars	
		Final Flow	45	Safety Joint	
		Final Shut-In	45	Straddle	
				Circ. Sub	
				Sampler	
				Extra Packer	
				Other	
				TOTAL PRICE $	

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 Ed Glassman

Our Representative Dan Sample

Printcraft Printers - Hays KS

TRILOBITE TESTING

P.O. Box 362 • Hays, Kansas 67601 • (913) 625-4778

GAS VOLUME REPORT

AFG Energy, Inc (OPERATOR) | McIntyre #2 (WELL NAME AND NO.) | 4 (DST NO.)

Min.	Ins. of Water PSIG	Orifice Size	MCF/D	Min.	Ins. of Water PSIG	Orifice Size	MCF/D
				0		1/4"	
				5	10	"	5.32
				10	10	"	5.32
				15	10	"	5.32
				20	10	"	5.32
				25	10	"	5.32
				30	10	"	5.32
				35	10	"	5.32
				40	10	"	5.32
				45	10	"	5.32

Remarks: GTS 5 min into FF Sample Taken

AFG.

WELL NAME McIntyre DST # 4 RECORDER # 13754

INIT. HYD. MUD. 1.890 1875.9 FINAL HYD. MUD 1.745 1730.9

INITIAL FLOW MINUTES 45 INTERVAL		INITIAL SHUTIN MINUTES 45 INTERVAL			FINAL FLOW MINUTES 45 INTERVAL		FINAL SHUTIN MINUTES 45 INTERVAL	
.053	52.1	—	—	1	.070	68.9	—	—
"		.155		2	.067	65.9	.123	
.054		.255		3	.066	64.9	.182	
.054		366		4			.240	
.055		.460		5			.297	
.055		.545		6	.066		.351	
.055		.623		7			.401	
.056		.691		8			.447	
.056		.750		9			492	
.056		.800		10			530	
.057		.844		11	.066		.568	
.057		.883		12			601	
.058		914		13			632	
.058		944		14			658	
.059		966		15			686	
.059	58.1	983	969.3	16	.0666	64.9	710	
				17			~~736~~	~~715.4~~
				18			726	715.4
				19				
				20				
				21				
				22				
				23				
				24				
				25				
				26				
				27				

1	0.053	52.16472
2	0.053	52.16472
3	0.054	53.14968
4	0.054	53.14968
5	0.055	54.13467
6	0.055	54.13467
7	0.055	54.13467
8	0.056	55.11968
9	0.056	55.11968
10	0.056	55.11968
11	0.057	56.10472
12	0.057	56.10472
13	0.058	57.08979
14	0.058	57.08979
15	0.059	58.07488
16	0.059	58.07488

1	0.155	152.5611
2	0.255	250.9861
3	0.366	360.2376
4	0.46	452.7578
5	0.545	536.5664
6	0.623	613.6281
7	0.691	680.8233
8	0.75	739.121
9	0.8	788.54
10	0.844	832.0098
11	0.883	870.5485
12	0.914	901.1821
13	0.944	930.8252
14	0.966	952.5661
15	0.983	969.3674

1	0.123	121.067
2	0.182	179.1346
3	0.24	236.2216
4	0.297	292.3271
5	0.351	345.4746
6	0.401	394.6843
7	0.447	439.9619
8	0.492	484.2555
9	0.53	521.7516
10	0.568	559.2876
11	0.601	591.8976
12	0.632	622.5191
13	0.658	648.2085
14	0.686	675.881
15	0.71	699.5988

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name McINTYRE #2 Test No. 5 Date 5/25/94

Company AFG ENERGY, INC. Zone BASAL SAND

Address P.O. BOX 458 HAYS KANSAS 67601 Elevation 2051

Co. Rep./Geo. ED GLASSMAN Cont. DUKE DRLG RIG #4 Est. Ft. of Pay

Location: Sec. 32 Twp. 17S Rge. 16W Co. RUSH State KS

Interval Tested 3532-3555 Drill Pipe Size 4.5" XH

Anchor Length 23 Wt. Pipe I.D. - 2.7 Ft. Run

Top Packer Depth 3527 Drill Collar – 2.25 Ft. Run

Bottom Packer Depth 3532 Mud Wt. 8.8 lb/Gal.

Total Depth 3555 Viscosity 48 Filtrate 9.6

Tool Open @ 4:40 PM Initial Blow WEAK - BUILDING TO 6" FAIR BLOW

Final Blow STRONG-BOTTOM OF BUCKET IN 5 MINUTES

Recovery - Total Feet 15 Flush Tool? NO

Rec. 372 Feet of GAS IN PIPE

Rec. 15 Feet of DRILLING MUD

Rec. Feet of

Rec. Feet of

Rec. Feet of

BHT 111 °F Gravity °API @ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides 8000 ppm System

(A) Initial Hydrostatic Mud 1855.9 PSI AK1 Recorder No. 13754 Range 4000

(B) First Initial Flow Pressure 16.7 PSI @ (depth) 3236 w / Clock No. 27501

(C) First Final Flow Pressure 11.8 PSI AK1 Recorder No. 7437 Range 4200

(D) Initial Shut-in Pressure 224.4 PSI @ (depth) 3551 w / Clock No. 27567

(E) Second Initial Flow Pressure 12.7 PSI AK1 Recorder No. Range

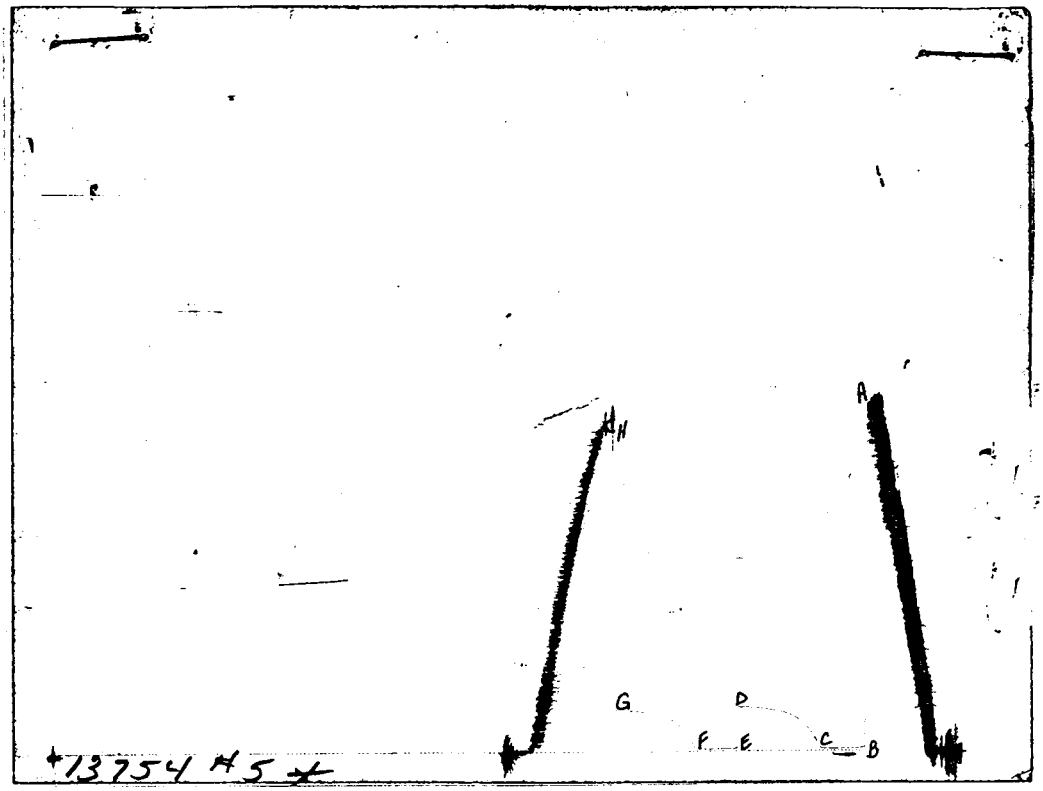
(F) Second Final Flow Pressure 12.7 PSI @ (depth) w / Clock No.

(G) Final Shut-in Pressure 214.5 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 1765.9 PSI Initial Shut-in 60 Final Shut-in 60

Our Representative DAN BANGLE

CHART PAGE



This is an actual photograph of recorder chart #13754

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1836	1855.9
(B) FIRST INITIAL FLOW PRESSURE	19	16.7
(C) FIRST FINAL FLOW PRESSURE	19	11.8
(D) INITIAL CLOSED-IN PRESSURE	216	224.4
(E) SECOND INITIAL FLOW PRESSURE	19	12.7
(F) SECOND FINAL FLOW PRESSURE	19	12.7
(G) FINAL CLOSED-IN PRESSURE	216	214.5
(H) FINAL HYDROSTATIC MUD	1776	1765.9

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No. 7120

Well Name & No. McIntyre #2 Test No. 5 Date 5-25-94

Company AFG Energy, Inc Zone Tested Basal Sd.

Address _____ Elevation 2051 K.B.

Co. Rep./Geo. Ed Glassman Cont. Duke #4 Est. Ft. of Pay _____

Location: Sec. 32 Twp. 17 Rge. 16 Co. Rush State Ks

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

Interval Tested 3532 - 3555 Drill Pipe Size 4.5 XH

Anchor Length 23 Top Choke — 1" _____ Bottom Choke — ¼" _____

Top Packer Depth 3527 Hole Size — 7⅞" _____ Rubber Size — 6¾" _____

Bottom Packer Depth 3532 Wt. Pipe I.D. — 2.7 Ft. Run _____

Total Depth 3555 Drill Collar — 2.25 Ft. Run _____

Mud Wt. 8.8 lb/gal. Viscosity 48 Filtrate 9.6

Tool Open @ 4:40 p.m. Initial Blow Weak - building to 6" fair blow

Final Blow Strong - B.O.B in 5 min.

Recovery — Total Feet 15 Feet of Gas in Pipe 372 Flush Tool? _____

Rec. 15	Feet Of D.M.	%gas	%oil	%water	100	%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 111 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 8,000 ppm System

(A) Initial Hydrostatic Mud	1836 PSI	AK1 Recorder No.	13754	Range	4000
(B) First Initial Flow Pressure	19 PSI	@ (depth)	3236	w/Clock No.	27501
(C) First Final Flow Pressure	19 PSI	AK1 Recorder No.	7437	Range	4200
(D) Initial Shut-In Pressure	216 PSI	@ (depth)	3551	w/Clock No.	27567
(E) Second Initial Flow Pressure	19 PSI	AK1 Recorder No.	_____	Range	_____
(F) Second Final Flow Pressure	19 PSI	@ (depth)	_____	w/Clock No.	_____
(G) Final Shut-In Pressure	216 PSI	Initial Opening	30	Test	_____
(H) Final Hydrostatic Mud	1776 PSI	Initial Shut-In	60	Jars	_____
		Final Flow	30	Safety Joint	_____
		Final Shut-In	60	Straddle	_____
				Circ. Sub	_____
				Sampler	_____
				Extra Packer	_____
				Other	_____
				TOTAL PRICE $	_____

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Approved By E Glassman

Our Representative Dan Banfe

Printcraft Printers - Hays, KS

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name McINTYRE #2 Test No. 6 Date 5/26/94

Company AFG ENERGY, INC. Zone BASAL SAND

Address P.O. BOX 458 HAYS KANSAS 67601 Elevation 2051

Co. Rep./Geo. ED GLASSMAN Cont. DUKE DRLG RIG #4 Est. Ft. of Pay

Location: Sec. 32 Twp. 17S Rge. 16W Co. RUSH State KS

Interval Tested 3556-3570 Drill Pipe Size 4.5" XH

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

Top Packer Depth 3551 Drill Collar – 2.25 Ft. Run

Bottom Packer Depth 3556 Mud Wt. 8.8 lb/Gal.

Total Depth 3570 Viscosity 48 Filtrate 9.6

Tool Open @ 3:30 AM Initial Blow STRONG-BOTTOM OF BUCKET IN 10 MINUTES

Final Blow WEAK-BUILDING TO 6"

Recovery - Total Feet 10 Flush Tool? NO

Rec. 310 Feet of GAS IN PIPE

Rec. 10 Feet of DRILLING MUD

Rec. Feet of

Rec. Feet of

Rec. Feet of

BHT 111 °F Gravity °API @ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides 8000 ppm System

(A) Initial Hydrostatic Mud 1850.9 PSI AK1 Recorder No. 13754 Range 4000

(B) First Initial Flow Pressure 12.7 PSI @ (depth) 3560 w / Clock No. 27501

(C) First Final Flow Pressure 12.7 PSI AK1 Recorder No. 7437 Range 4200

(D) Initial Shut-in Pressure 364.1 PSI @ (depth) 3566 w / Clock No. 27567

(E) Second Initial Flow Pressure 8.8 PSI AK1 Recorder No. Range

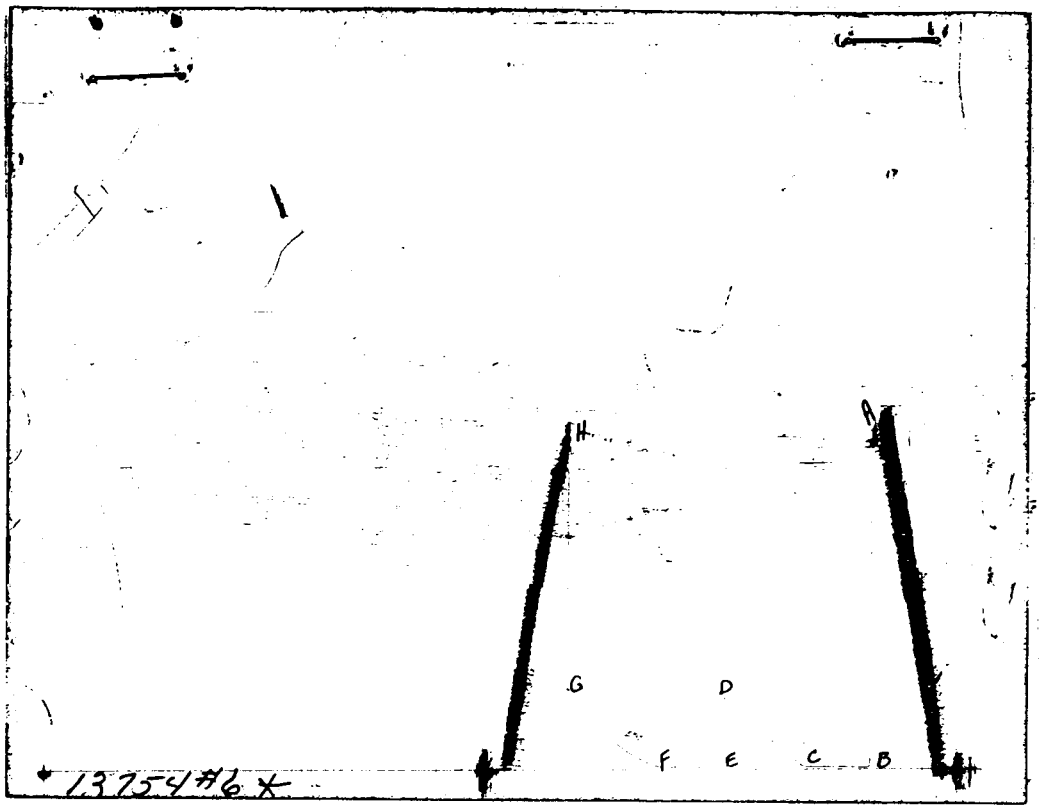
(F) Second Final Flow Pressure 10.8 PSI @ (depth) w / Clock No.

(G) Final Shut-in Pressure 413.3 PSI Initial Opening 45 Final Flow 45

(H) Final Hydrostatic Mud 1750.9 PSI Initial Shut-in 60 Final Shut-in 60

Our Representative DAN BANGLE

CHART PAGE



This is an actual photograph of recorder chart #13754

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1876	1850.9
(B) FIRST INITIAL FLOW PRESSURE	19	12.7
(C) FIRST FINAL FLOW PRESSURE	19	12.7
(D) INITIAL CLOSED-IN PRESSURE	314	364.1
(E) SECOND INITIAL FLOW PRESSURE	19	8.8
(F) SECOND FINAL FLOW PRESSURE	19	10.8
(G) FINAL CLOSED-IN PRESSURE	413	413.3
(H) FINAL HYDROSTATIC MUD	1776	1750.9

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

№ 7121

Well Name & No. McIntyre #2 Test No. 6 Date 5-26-94

Company AP & Energy, Inc Zone Tested Basal Sd

Address _____ Elevation 2051 K.B.

Co. Rep./Geo. Ed Glassman Cont. Duke #4 Est. Ft. of Pay _____

Location: Sec. 32 Twp. 17 Rge. 16 Co. Rush State Ks.

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

Interval Tested 3556 - 3570 Drill Pipe Size 4.5 XH

Anchor Length 14 Top Choke — 1" _____ Bottom Choke — ¼" _____

Top Packer Depth 3551 Hole Size — 7⅞" _____ Rubber Size — 6¾" _____

Bottom Packer Depth 3556 Wt. Pipe I.D. — 2.7 Ft. Run _____

Total Depth 3570 Drill Collar — 2.25 Ft. Run _____

Mud Wt. 8.8 lb / gal. Viscosity 48 Filtrate 9.6

Tool Open @ 3:30 a.m. Initial Blow Strong - B.O.B. in 10 min.

Final Blow Weak - building to 6"

Recovery — Total Feet 10 Feet of Gas in Pipe 310 Flush Tool? _____

Rec. 10 Feet Of D.M. %gas %oil %water 100 %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 111 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 8,000 ppm System

(A) Initial Hydrostatic Mud	1876 PSI	Ak1 Recorder No.	13754	Range	4000
(B) First Initial Flow Pressure	19 PSI	@ (depth)	3560	w/Clock No.	27501
(C) First Final Flow Pressure	19 PSI	AK1 Recorder No.	7437	Range	4200
(D) Initial Shut-In Pressure	314 PSI	@ (depth)	3566	w/Clock No.	27567
(E) Second Initial Flow Pressure	19 PSI	AK1 Recorder No.		Range	
(F) Second Final Flow Pressure	19 PSI	@ (depth)		w/Clock No.	
(G) Final Shut-In Pressure	413 PSI	Initial Opening	45	Test	
(H) Final Hydrostatic Mud	1776 PSI	Initial Shut-In	60	Jars	
		Final Flow	45	Safety Joint	
		Final Shut-In	60	Straddle	
				Circ. Sub	
				Sampler	
				Extra Packer	
				Other	
				TOTAL PRICE $	

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Approved By Ed Glassman

Our Representative Dan Rompf

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