33-30S-33W

*******TIGHT HOLE*******

Drill Stem Test Information for ACO-1
Hugoton Energy Corporation
Homsher #5-33
Sec. 33-30S-33W, Haskell County, KS
API #15-081-20886

DST 1
Test Interval: 4122' - 4158'

Times: 30-60-45-90

First Open: From surface to 1-1/2" weak blow.

Second Open: Bottom of bucket in 34 minutes - fair blow.

Recovery
1120' GIP
35' Drilling Mud
30' Oil Cut Mud

Pressures
IHP 2008
IFP 40-50
ISIP 344
FFP 80-90
FSIP 587
FHP 1967

DST 2
Test Interval: 4567' - 4606'

Times: 30-60-45-90

First Open: Strong blow - GTS 28 minutes.

Recovery
315' Sltly Oil Cut Gas Mud
530' Salt Water

Pressures
IHP 2315
IFP 111-182
ISIP 1057
FFP 264-376
FSIP 1047
FHP 2275

DST 3
Test Interval: 4628' - 4670'

Times: 30-60-45-90

First Open: Fair blow built to bottom in 10 minutes.

Second Open: Strong blow - bottom of bucket in 5 minutes.

Recovery
1175' GIP
10' Drilling Mud
205' Hvy Oil & Gas Cut Muddy Water
80' Slght Emulsion Gas Cut Muddy Water

Pressures
IHP 2377
IFP 107-107
ISIP 1218
FFP 138-138
FSIP 1218
FHP 2361

DST 4
Test Interval: 4977' - 5012'

Times: 30-60-45-90

First Open: Strong blow - GTS in 15 minutes.

Recovery
70' Drilling Mud

Pressures
IHP 2440
IFP 76-76
ISIP 1390
FFP 76-76
FSIP 1390
FHP 2424

DST 5
Test Interval: 5448' - 5479'

Times: 30-60-45-90

First Open: Strong blow - bottom of bucket in 2 minutes.

Second Open: Strong blow - GTS in 8 minutes.

Recovery
30' Slightly Oil Gas Cut Mud
235' Slightly Mud Cut Gassy Oil

Pressures
IHP 2600
IFP 50-50
ISIP 1323
FFP 60-60
FSIP 1323
FHP 2518

DST 6
Test Interval: 5584' - 5629'

Times: 30-60-30-60

First Open: Very weak blow built to 1".

Second Open: No blow - flushed tool - very weak surface blow throughout.

Recovery
120' Drilling Mud with Oil Spots

Pressures
IHP 2600
IFP 50-50
ISIP 1426
FFP 60-60
FSIP 1375
FHP 2518

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name HOMSHER 5-33 Test No. 1 Date 11/26/94

Company HUGOTON ENERGY CORP Zone LANSING "A"

Address 301 N. MAIN, SUITE 1900, WICHITA, KS 67202 Elevation 2948

Co. Rep./Geo. JOHN CHRISTENSON Cont. MURFIN #20 Est. Ft. of Pay 4

Location: Sec. 33 Twp. 30S Rge. 33W Co. HASKELL State KS

Interval Tested 4122-4158 Drill Pipe Size 4.5" XH

Anchor Length 36 Wt. Pipe I.D. - 2.7 Ft. Run

Top Packer Depth 4117 Drill Collar – 2.25 Ft. Run 177

Bottom Packer Depth 4122 Mud Wt. 9.0 lb/Gal.

Total Depth 4158 Viscosity 42 Filtrate 12.4

Tool Open @ 3:55AM Initial Blow FROM SURFACE TO 1-1/2" WEAK BLOW. INITIAL SHUT IN NO RETURN BLOW.

Final Blow BOTTOM OF BUCKET IN 34 MINUTES - FAIR BLOW

Recovery - Total Feet 65 Flush Tool? NO

Rec. 1120 Feet of GAS IN PIPE

Rec. 35 Feet of DRILLING MUD. 100% MUD.

Rec. 30 Feet of OIL CUT MUD. 3% OIL; 97% MUD.

Rec. Feet of SPOT OF OIL ON TOP OF TOOL.

Rec. Feet of

BH 115 °F Gravity °API @ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides 1,900 ppm System

(A) Initial Hydrostatic Mud 1960.0 PSI AK1 Recorder No. 10332 Range 4050

(B) First Initial Flow Pressure 32.4 PSI @ (depth) 4127 w / Clock No. 25828

(C) First Final Flow Pressure 46.6 PSI AK1 Recorder No. 11086 Range 4350

(D) Initial Shut-in Pressure 322.9 PSI @ (depth) 4152 w / Clock No. 25114

(E) Second Initial Flow Pressure 58.7 PSI AK1 Recorder No. Range

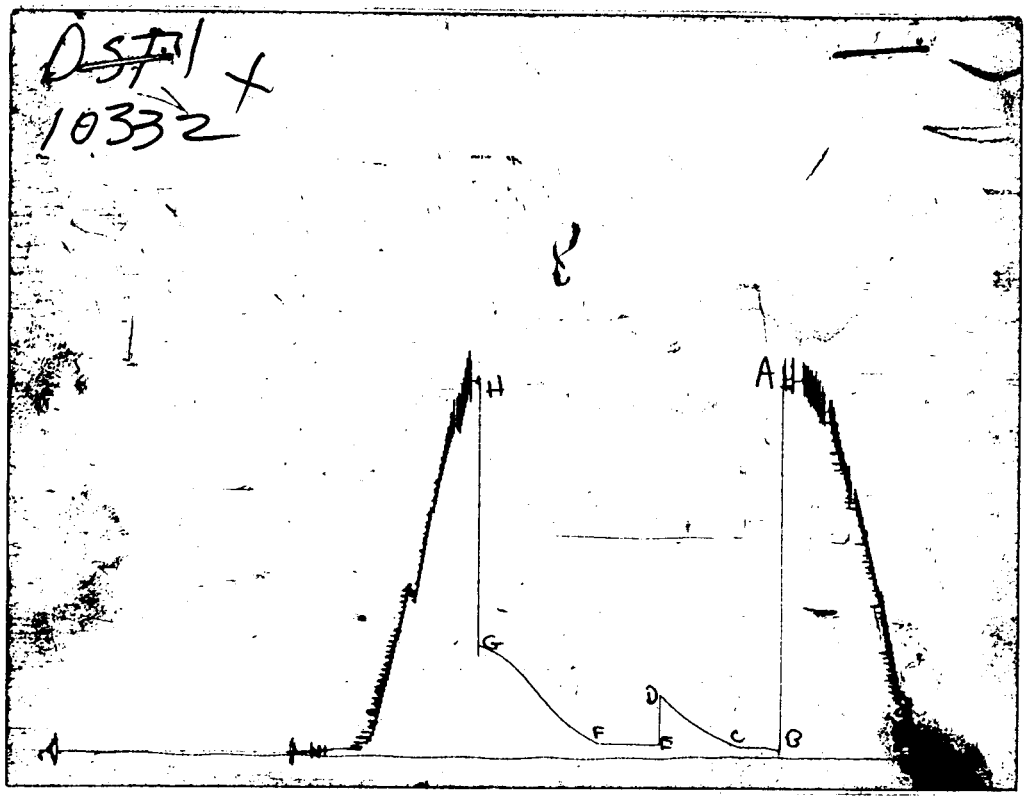
(F) Second Final Flow Pressure 62.8 PSI @ (depth) w / Clock No.

(G) Final Shut-in Pressure 584.3 PSI Initial Opening 30 Final Flow 45

(H) Final Hydrostatic Mud 1974.2 PSI Initial Shut-in 60 Final Shut-in 90

Our Representative GARY SPEER

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2008	1960
(B) FIRST INITIAL FLOW PRESSURE	40	32.4
(C) FIRST FINAL FLOW PRESSURE	50	46.6
(D) INITIAL CLOSED-IN PRESSURE	344	322.9
(E) SECOND INITIAL FLOW PRESSURE	80	58.7
(F) SECOND FINAL FLOW PRESSURE	90	62.8
(G) FINAL CLOSED-IN PRESSURE	587	584.3
(H) FINAL HYDROSTATIC MUD	1967	1974

TRILOBITE TESTING, L.L.C.

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Drill-Stem Test Data

Well Name HOMSHER 5-33 Test No. 2 Date 11/28/94

Company HUGOTON ENERGY CORP Zone KC 'A'

Address 301 N. MAIN, SUITE 1900, WICHITA, KS 67202 Elevation 2948

Co. Rep./Geo. JOHN CHRISTENSON Cont. MURFIN #20 Est. Ft. of Pay 20

Location: Sec. 33 Twp. 30S Rge. 33W Co. HASKELL State KS

Interval Tested 4567-4606 Drill Pipe Size 4.5" XH

Anchor Length 39 Wt. Pipe I.D. - 2.7 Ft. Run

Top Packer Depth 4562 Drill Collar – 2.25 Ft. Run 177

Bottom Packer Depth 4567 Mud Wt. 9.1 lb/Gal.

Total Depth 4606 Viscosity 47 Filtrate 9.2

Tool Open @ 7:25 Initial Blow STRONG BLOW - GAS TO SURFACE IN 28 MINUTES

Final Blow SEE GAS VOLUME REPORT

Recovery - Total Feet 845 Flush Tool? NO

Rec. 315 Feet of SLTLY OIL CUT GAS MUD 20%GAS/10%OIL/60%MUD/10%EMULSION

Rec. 530 Feet of SALT WATER

Rec. Feet of

Rec. Feet of

Rec. Feet of

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

RW 0.17 @ 56 °F Chlorides 100000 ppm Recovery Chlorides 1400 ppm System

(A) Initial Hydrostatic Mud 2269.2 PSI AK1 Recorder No. 10333 Range 4050

(B) First Initial Flow Pressure 116.9 PSI @ (depth) 4570 w / Clock No. 26192

(C) First Final Flow Pressure 204.3 PSI AK1 Recorder No. 13255 Range 6300

(D) Initial Shut-in Pressure 1058.4 PSI @ (depth) 4603 w / Clock No. 16067

(E) Second Initial Flow Pressure 272.4 PSI AK1 Recorder No. Range

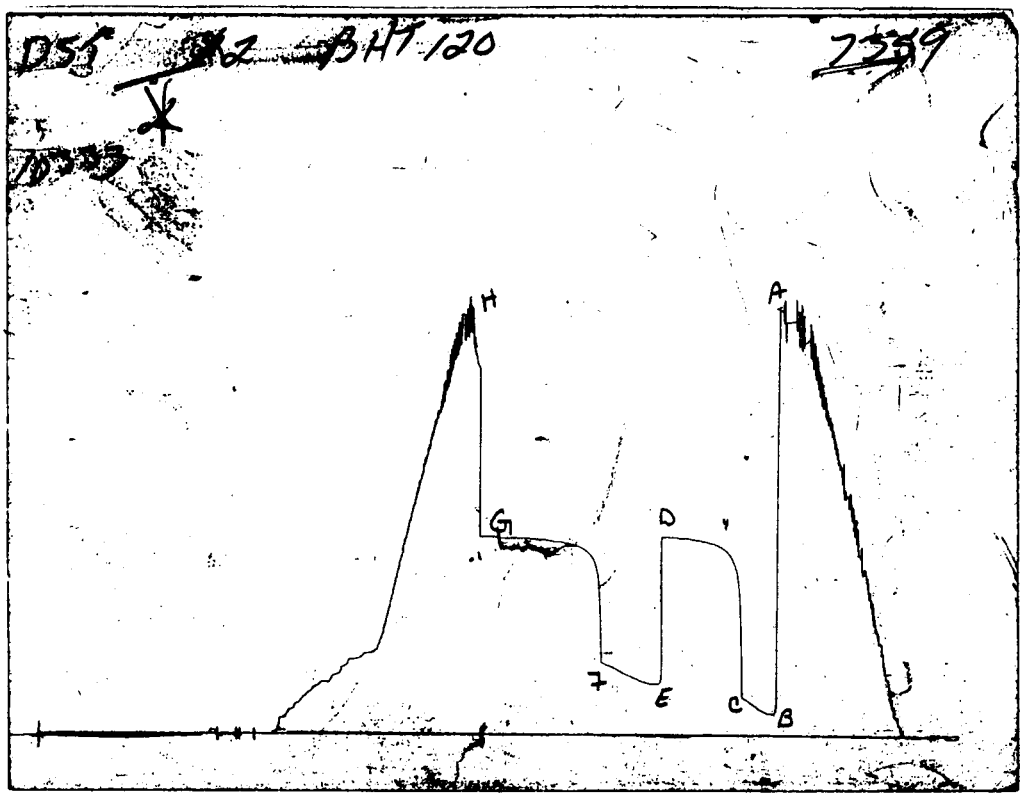
(F) Second Final Flow Pressure 386.2 PSI @ (depth) w / Clock No.

(G) Final Shut-in Pressure 1055.3 PSI Initial Opening 30 Final Flow 45

(H) Final Hydrostatic Mud 2134.6 PSI Initial Shut-in 60 Final Shut-in 90

Our Representative ROBERT COLLINS

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2315	2269
(B) FIRST INITIAL FLOW PRESSURE	111	116.9
(C) FIRST FINAL FLOW PRESSURE	182	204.3
(D) INITIAL CLOSED-IN PRESSURE	1057	1058
(E) SECOND INITIAL FLOW PRESSURE	264	272.4
(F) SECOND FINAL FLOW PRESSURE	376	386.2
(G) FINAL CLOSED-IN PRESSURE	1047	1055
(H) FINAL HYDROSTATIC MUD	2275	2135

GAS VOLUME REPORT

HUGOTON ENERGY CORP

HOMSHER 5-33 DST # 2

MIN	IN WATER/PSIG	ORIFICE	MCF/D	MIN	IN WATER/PSIG	ORIFICE	MCF/D
				10	6	0.25	4.12
				20	16	0.375	14.2
				30	16	0.375	14.2
				40	10	0.375	11.3
				50	16	0.375	14.2

Remarks: GAS TO SURFACE IN 28 MINUTES ON INITIAL OPEN / GAS WILL BURN

NATURAL GAS ANALYSIS REPORT

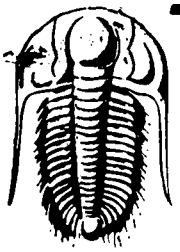
Sampled by:
Trilobite Testing, L.L.C.
Hays, Kansas
Scott City, Kansas
Phone: 800-728-5369
Fax: 913-625-5620

Analyzed by:
Caraway Analytical, L.L.C.
728 North Roosevelt
Liberal, Kansas 67901
Phone: 316-624-5389
Fax: 316-626-7108

Lab Number:	940617	Analyzed:	12/01/94
Sample From:	Homsher #5-33 DST 2	Pressure:	
Producer:	Hugoton Energy Corp	Temperature:	
Date:		Location:	33-30S-33W
Time:		County:	Haskell
Sampler:		State:	Kansas
Source:		Formation:	K. City "A"

		Mole %	GPM
Helium	He:	0.733	0.000
Oxygen	O2:		
Nitrogen	N2:	19.349	0.000
Carbon Dioxide	CO2:	2.281	0.000
Methane	C1:	62.096	0.000
Ethane	C2:	7.058	1.888
Propane	C3:	3.692	1.017
Iso Butane	iC4:	1.240	0.406
Normal Butane	nC4:	1.798	0.567
Iso Pentane	iC5:	0.708	0.259
Normal Pentane	nC5:	0.715	0.259
Hexanes Plus	C6+:	0.330	0.144
	TOTAL:	100.000	4.540
	Z Fact:	0.9972	
	SP.GR.:	0.8056	
	BTU (SAT):	1005.2 @ 14.73 psia	
	BTU (DRY):	1023.0 @ 14.73 psia	
	OCTANE RATING:	95.5	

COMMENTS: Helium content calculated based on Nitrogen



TRILOBITE TESTING L.L.C.

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

GAS VOLUME REPORT

Hugoton (OPERATOR) — Hamsher 5-33 (WELL NAME AND NO.) — 2 (DST NO.)

Min.	Ins. of Water PSIG	Orifice Size	MCF/D	Min.	Ins. of Water PSIG	Orifice Size	MCF/D
				10	6	4/4	4.12
				20	16	3/8	14.2
				30	16	"	14.2
				40	10	"	11.3
				45	16	"	14.2

Remarks: G/S in 28 min on initial open
Gas will burn

101 NCR

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name HOMSHER 5-33 Test No. 3 Date

Company HUGOTON ENERGY CORP Zone KC 'B'

Address 301 N. MAIN, SUITE 1900, WICHITA, KS 67202 Elevation 2948

Co. Rep./Geo. JOHN CHRISTENSON Cont. MURFIN #20 Est. Ft. of Pay 15

Location: Sec. 33 Twp. 30S Rge. 33W Co. HASKELL State KS

Interval Tested 4628-4670 Drill Pipe Size 4.5" XH

Anchor Length 42 Wt. Pipe I.D. - 2.7 Ft. Run

Top Packer Depth 4623 Drill Collar – 2.25 Ft. Run 148

Bottom Packer Depth 4628 Mud Wt. 9.0 lb/Gal.

Total Depth 4670 Viscosity 58 Filtrate 9.4

Tool Open @ 2:40PM Initial Blow FAIR BLOW BUILT TO BOTTOM IN 10 MINITES

Final Blow STRONG BLOW - BOTTOM OF BUCKET IN 5 MINUTES

FSI: VERY WEAK BLOW BACK

Recovery - Total Feet 295 Flush Tool? NO

Rec. 1175 Feet of GAS IN PIPE

Rec. 10 Feet of DRILLING MUD. 100% MUD.

Rec. 205 Feet of HVY OIL & GAS CUT MUDDY WATER 30%G/20%O/10%W/20%M/20%E

Rec. 80 Feet of SLGHT EMULSION GAS CUT MUDDY WATER 10%G/65%W/20%M/5%EM

Rec. Feet of

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

RW 0.115 @ 92 °F Chlorides 75000 ppm Recovery Chlorides 2300 ppm System

(A) Initial Hydrostatic Mud 2366.4 PSI AK1 Recorder No. 10333 Range 4050

(B) First Initial Flow Pressure 71.1 PSI @ (depth) 4631 w / Clock No. 26192

(C) First Final Flow Pressure 71.1 PSI AK1 Recorder No. 13255 Range 6300

(D) Initial Shut-in Pressure 1238.7 PSI @ (depth) 4667 w / Clock No. 16067

(E) Second Initial Flow Pressure 106.7 PSI AK1 Recorder No. Range

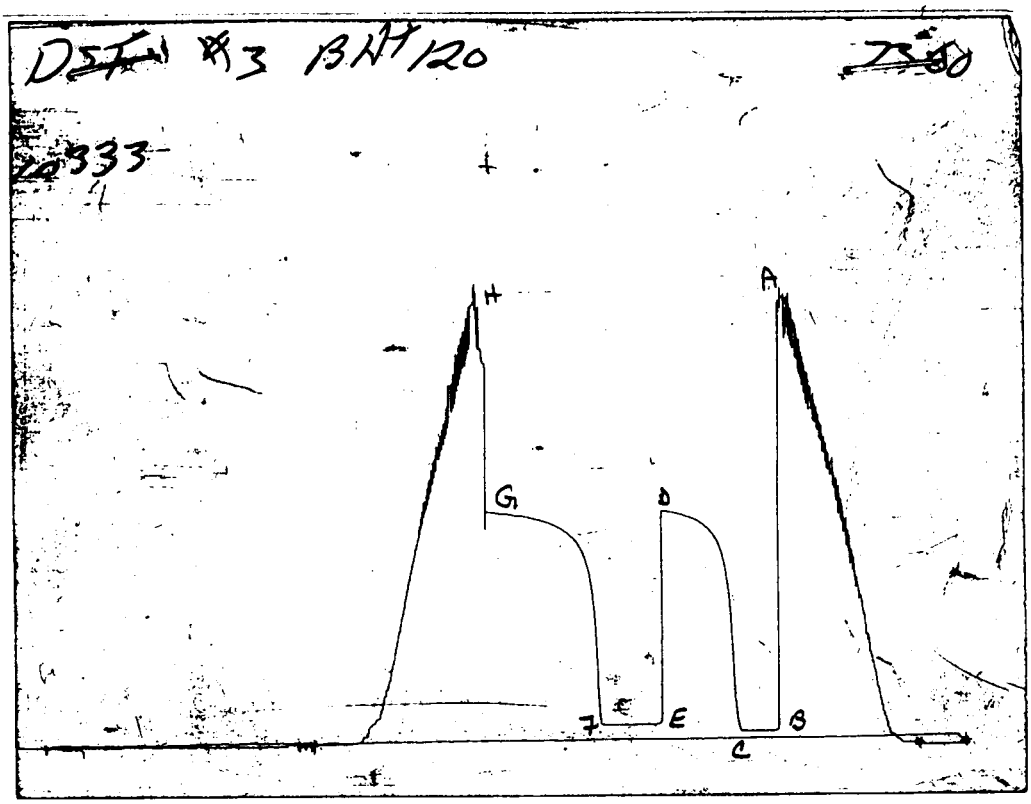
(F) Second Final Flow Pressure 106.7 PSI @ (depth) w / Clock No.

(G) Final Shut-in Pressure 1235.6 PSI Initial Opening 30 Final Flow 45

(H) Final Hydrostatic Mud 2348.2 PSI Initial Shut-in 60 Final Shut-in 90

Our Representative ROBERT COLLINS

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2377	2366
(B) FIRST INITIAL FLOW PRESSURE	107	71.1
(C) FIRST FINAL FLOW PRESSURE	107	71.1
(D) INITIAL CLOSED-IN PRESSURE	1218	1239
(E) SECOND INITIAL FLOW PRESSURE	138	106.7
(F) SECOND FINAL FLOW PRESSURE	138	106.7
(G) FINAL CLOSED-IN PRESSURE	1218	1236
(H) FINAL HYDROSTATIC MUD	2361	2348

NATURAL GAS ANALYSIS REPORT

Sampled by:
Trilobite Testing, L.L.C.
Hays, Kansas
Scott City, Kansas
Phone: 800-728-5369
Fax: 913-625-5629

Analyzed by:
Caraway Analytical, L.L.C.
728 North Roosevelt
Liberal, Kansas 67901
Phone: 316-624-5389
Fax: 316-626-7108

Lab Number:	940618	Analyzed:	12/01/94
Sample From:	Homsher #5-33 DST 3	Pressure:	
Producer:	Hugoton Energy Corp	Temperature:	
Date:		Location:	33-30S-33W
Time:		County:	Haskell
Sampler:		State:	Kansas
Source:		Formation:	K. City "B"

		Mole %	GPM
Helium	He:	3.385	0.000
Oxygen	O2:		
Nitrogen	N2:	89.328	0.000
Carbon Dioxide	CO2:	0.205	0.000
Methane	C1:	4.573	0.000
Ethane	C2:	0.834	0.223
Propane	C3:	0.786	0.217
Iso Butane	iC4:	0.138	0.045
Normal Butane	nC4:	0.309	0.097
Iso Pentane	iC5:	0.091	0.033
Normal Pentane	nC5:	0.097	0.035
Hexanes Plus	C6+:	0.254	0.111
	TOTAL:	100.000	0.761
	Z Fact:	0.9996	
	SP.GR.:	0.9400	
	BTU (SAT):	114.1 @ 14.73 psia	
	BTU (DRY):	116.2 @ 14.73 psia	
	OCTANE RATING:	8.2	

COMMENTS: Helium content calculated based on Nitrogen
Sample entered under vacuum

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name HOMSHER 5-33 Test No. 4 Date

Company HUGOTON ENERGY CORP Zone CHEROKEE

Address 301 N. MAIN, SUITE 1900, WICHITA, KS 67202 Elevation 2948

Co. Rep./Geo. JOHN CHRISTENSON Cont. MURFIN #20 Est. Ft. of Pay 4

Location: Sec. 33 Twp. 30S Rge. 33W Co. HASKELL State KS

Interval Tested 4977-5012 Drill Pipe Size 4.5" XH

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

Top Packer Depth 4972 Drill Collar – 2.25 Ft. Run 177

Bottom Packer Depth 4977 Mud Wt. 9.0 lb/Gal.

Total Depth 5012 Viscosity 43 Filtrate 8.0

Tool Open @ 5:20AM Initial Blow STONG BLOW GAS TO SURFACE IN 15 MINUTES.

Final Blow SEE GAS VOLUME REPORT.

0

Recovery - Total Feet 70 Flush Tool? NO

Rec. 70 Feet of DRILLING MUD. 100% MUD.

Rec. Feet of

Rec. Feet of 0

Rec. Feet of 0

Rec. Feet of

BHT 125 °F Gravity °API @ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides 2100 ppm System

(A) Initial Hydrostatic Mud 2369.5 PSI AK1 Recorder No. 10333 Range 4050

(B) First Initial Flow Pressure 103.1 PSI @ (depth) 4980 w / Clock No. 26192

(C) First Final Flow Pressure 66.2 PSI AK1 Recorder No. 13255 Range 6300

(D) Initial Shut-in Pressure 1395.3 PSI @ (depth) 5009 w / Clock No. 16067

(E) Second Initial Flow Pressure 87.7 PSI AK1 Recorder No. Range

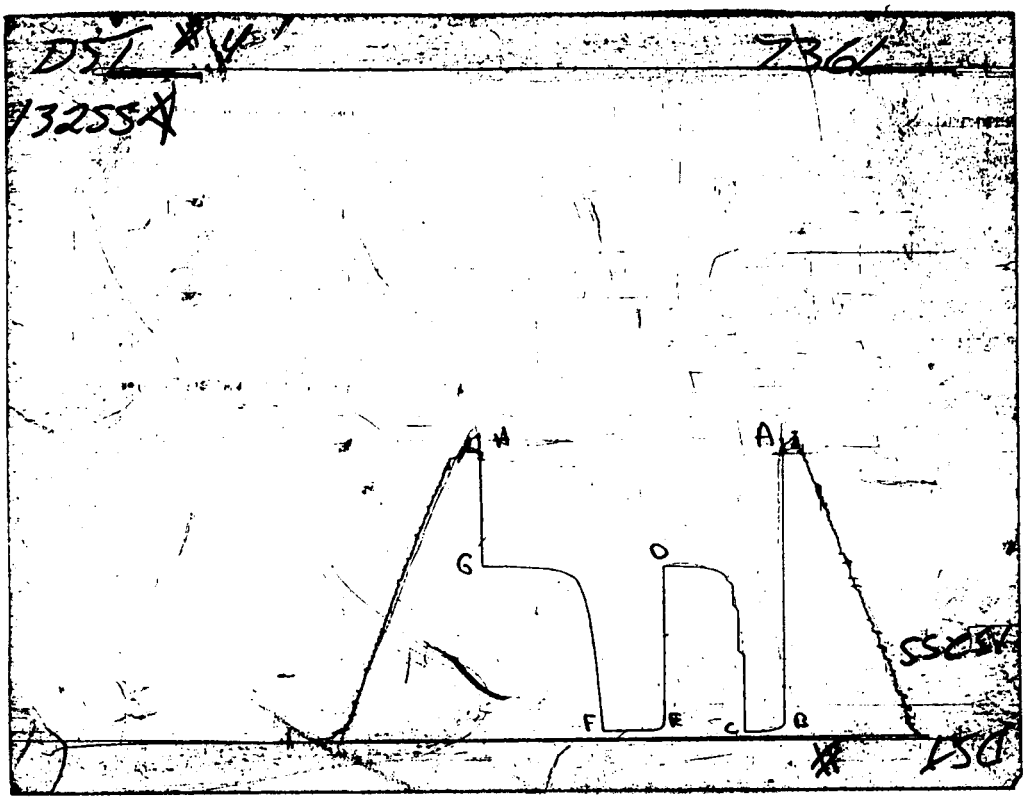
(F) Second Final Flow Pressure 78.5 PSI @ (depth) w / Clock No.

(G) Final Shut-in Pressure 1409.4 PSI Initial Opening 30 Final Flow 45

(H) Final Hydrostatic Mud 2345.9 PSI Initial Shut-in 60 Final Shut-in 90

Our Representative ROBERT COLLINS

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2440	2369.5
(B) FIRST INITIAL FLOW PRESSURE	76	103.1
(C) FIRST FINAL FLOW PRESSURE	76	66.2
(D) INITIAL CLOSED-IN PRESSURE	1390	1395.3
(E) SECOND INITIAL FLOW PRESSURE	76	87.7
(F) SECOND FINAL FLOW PRESSURE	76	78.5
(G) FINAL CLOSED-IN PRESSURE	1390	1409.4
(H) FINAL HYDROSTATIC MUD	2424	2345.9

GAS VOLUME REPORT

HUGOTON ENERGY CORP

HOMSHER 5-33

DST # 4

MIN	~~IN WATER~~/PSIG	ORIFICE	MCF/D
15	1.5	0.25	11.02
20	1.5	0.25	11.02
25	3	0.25	15.7
30	5.5	0.25	21.8

MIN	~~IN WATER~~/PSIG	ORIFICE	MCF/D
10	10	44	30.8
20	12	44	34
30	13	44	35.9
40	13	44	35.9
45	13	44	35.9

Remarks: GAS TO SURFACE IN 15 MINUTES. GAS WILL BURN.

NATURAL GAS ANALYSIS REPORT

Sampled by:
Trilobite Testing, L.L.C.
Hays, Kansas
Scott City, Kansas
Phone: 800-728-5369
Fax: 913-625-5620

Analyzed by:
Caraway Analytical, L.L.C.
728 North Roosevelt
Liberal, Kansas 67901
Phone: 316-624-5389
Fax: 316-626-7108

Lab Number:	940619	Analyzed:	12/01/94
Sample From:	Homsher #5-33 DST 4	Pressure:	
Producer:	Hugoton Energy Corp	Temperature:	
Date:		Location:	33-30S-33W
Time:		County:	Haskell
Sampler:		State:	Kansas
Source:		Formation:	Cherokee

		Mole %	GPM
Helium	He:	3.544	0.000
Oxygen	O2:		
Nitrogen	N2:	93.522	0.000
Carbon Dioxide	CO2:	0.186	0.000
Methane	C1:	1.896	0.000
Ethane	C2:	0.271	0.072
Propane	C3:	0.211	0.058
Iso Butane	iC4:	0.040	0.013
Normal Butane	nC4:	0.090	0.028
Iso Pentane	iC5:	0.029	0.011
Normal Pentane	nC5:	0.034	0.012
Hexanes Plus	C6+:	0.177	0.077
	TOTAL:	100.000	0.272
	Z Fact:	0.9997	
	SP.GR.:	0.9390	
	BTU (SAT):	44.4	@ 14.73 psia
	BTU (DRY):	45.2	@ 14.73 psia
	OCTANE RATING:	3.1	

COMMENTS: Helium content calculated based on Nitrogen

TRILOBITE TESTING L.L.C.

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

GAS VOLUME REPORT

Hogaton (OPERATOR) | Hamsher 5-33 (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
15	1.5	1/4	11.02	10	10	4	30.8
20	1.5	1/4	11.02	20	12	|	34.0
35	3	1/4	15.7	30	13	|	35.9
30	5.5	1/4	21.8	40	13	|	35.9
				45	13	|	35.9

Remarks: GTS in 15 min
Gas will burn

101 NCR

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name HOMSHER 5-33 Test No. 5 Date 12/3/94

Company HUGOTON ENERGY CORP Zone ST LOUIS 'B'

Address 301 N. MAIN, SUITE 1900, WICHITA, KS 67202 Elevation 2948

Co. Rep./Geo. JOHN CHRISTENSON Cont. MURFIN #20 Est. Ft. of Pay 7

Location: Sec. 33 Twp. 30S Rge. 33W Co. HASKELL State KS

Interval Tested 5448-5479 Drill Pipe Size 4.5" XH

Anchor Length 31 Wt. Pipe I.D. - 2.7 Ft. Run

Top Packer Depth 5443 Drill Collar – 2.25 Ft. Run 177

Bottom Packer Depth 5448 Mud Wt. 9.0 lb/Gal.

Total Depth 5479 Viscosity 43 Filtrate 8.6

Tool Open @ 10:10AM Initial Blow STRONG BLOW - BOTTOM OF BUCKET IN 2 MINUTES

Final Blow STRONG BLOW - GAS TO SURFACE IN 8 MINUTES

Recovery - Total Feet 265 Flush Tool? NO

Rec. 30 Feet of SLIGHTLY OIL GAS CUT MUD 10%GAS/10%OIL/80%MUD

Rec. 235 Feet of SLIGHTLY MUD CUT GASSY OIL 40%GAS/50%OIL/10%MUD

Rec. Feet of

Rec. Feet of

Rec. Feet of

BHT 130 °F Gravity 35 °API @ 70 °F Corrected Gravity 34 °API

RW @ °F Chlorides ppm Recovery Chlorides 2100 ppm System

(A) Initial Hydrostatic Mud 2606.1 PSI AK1 Recorder No. 10333 Range 4050

(B) First Initial Flow Pressure 50.8 PSI @ (depth) 5451 w / Clock No. 8698

(C) First Final Flow Pressure 50.8 PSI AK1 Recorder No. 13255 Range 6300

(D) Initial Shut-in Pressure 1327.9 PSI @ (depth) 5476 w / Clock No. 16067

(E) Second Initial Flow Pressure 70.1 PSI AK1 Recorder No. Range

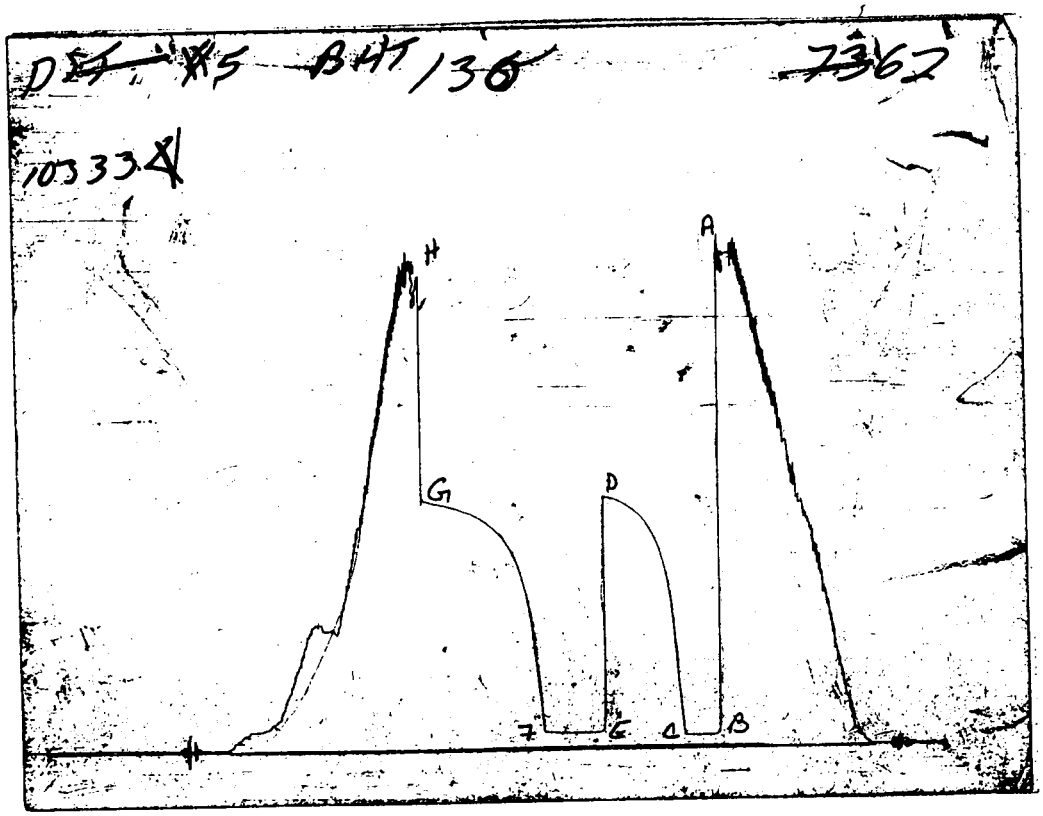
(F) Second Final Flow Pressure 74.2 PSI @ (depth) w / Clock No.

(G) Final Shut-in Pressure 1313.5 PSI Initial Opening 30 Final Flow 45

(H) Final Hydrostatic Mud 2504.3 PSI Initial Shut-in 60 Final Shut-in 90

Our Representative ROBERT COLLINS

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2600	2606.1
(B) FIRST INITIAL FLOW PRESSURE	50	50.8
(C) FIRST FINAL FLOW PRESSURE	50	50.8
(D) INITIAL CLOSED-IN PRESSURE	1323	1327.9
(E) SECOND INITIAL FLOW PRESSURE	60	70.1
(F) SECOND FINAL FLOW PRESSURE	60	74.2
(G) FINAL CLOSED-IN PRESSURE	1323	1313.5
(H) FINAL HYDROSTATIC MUD	2518	2504.3

GAS VOLUME REPORT

HUGOTON ENERGY CORP

HOMSHER 5-33 DST # 5

MIN	IN WATER/PSIG	ORIFICE	MCF/D	MIN	IN WATER/PSIG	ORIFICE	MCF/D
				10	12	0.375	12.4
				20	14	0.375	13.4
				30	10	0.375	11.3
				40	9	0.375	10.7
				45	9	0.375	10.7

Remarks: GAS TO SURFACE IN 8 MINUTES - GAS WILL BURN

NATURAL GAS ANALYSIS REPORT

Sampled by:
Trilobite Testing, L.L.C.
Hays, Kansas
Scott City, Kansas
Phone: 800-728-5369
Fax: 913-625-5620

Analyzed by:
Caraway Analytical, L.L.C.
728 North Roosevelt
Liberal, Kansas 67901
Phone: 316-624-5389
Fax: 316-626-7108

Lab Number:	940624	Analyzed:	12/04/94
Sample From:	Homsher #5-33 DST 5	Pressure:	
Producer:	Hugoton Energy Corp	Temperature:	
Date:		Location:	33-30S-33W
Time:		County:	Haskell
Sampler:		State:	Kansas
Source:		Formation:	St. Louis B

		Mole %	GPM
Helium	He:	0.467	0.000
Oxygen	O2:		
Nitrogen	N2:	12.333	0.000
Carbon Dioxide	CO2:	2.831	0.000
Methane	C1:	70.241	0.000
Ethane	C2:	7.034	1.881
Propane	C3:	2.571	0.708
Iso Butane	iC4:	1.251	0.409
Normal Butane	nC4:	1.545	0.487
Iso Pentane	iC5:	0.717	0.262
Normal Pentane	nC5:	0.730	0.264
Hexanes Plus	C6+:	0.280	0.122
	TOTAL:	100.000	4.135
	Z Fact:	0.9971	
	SP.GR.:	0.7676	
	BTU (SAT):	1048.9 @ 14.73 psia	
	BTU (DRY):	1067.5 @ 14.73 psia	
	OCTANE RATING:	104.8	

COMMENTS: Helium content calculated based on Nitrogen

Caraway Analytical, 04-Dec-94

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

GAS VOLUME REPORT

Hogsten (OPERATOR) | Hamsher 5-33 (WELL NAME AND NO.) | 5 (DST NO.)

Min.	Ins. of Water PSIG	Orifice Size	MCF/D	Min.	Ins. of Water PSIG	Orifice Size	MCF/D
				10	12	3/8	12.4
				20	14	"	13.4
				30	10	"	11.3
				40	9	"	10.7
				45	9	"	10.7

Remarks: GTS in 8 min.
Gas w/ bar

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name HOMSHER 5-33 Test No. 6 Date 12/4/94

Company HUGOTON ENERGY CORP Zone ST LOUIS 'D'

Address 301 N. MAIN, SUITE 1900, WICHITA, KS 67202 Elevation 2948

Co. Rep./Geo. JOHN CHRISTENSON Cont. MURFIN #20 Est. Ft. of Pay 10

Location: Sec. 33 Twp. 30S Rge. 33W Co. HASKELL State KS

Interval Tested 5584-5629 Drill Pipe Size 4.5" XH

Anchor Length 45 Wt. Pipe I.D. - 2.7 Ft. Run

Top Packer Depth 5579 Drill Collar – 2.25 Ft. Run 177

Bottom Packer Depth 5584 Mud Wt. 8.9 lb/Gal.

Total Depth 5629 Viscosity 48 Filtrate 8.4

Tool Open @ 3:15PM Initial Blow VERY WEAK BLOW BUILT TO 1"

Final Blow NO BLOW - FLUSHED TOOL - VERY WEAK SURFACE BLOW THROUGH OUT

Recovery - Total Feet 120 Flush Tool? YES

Rec. 120 Feet of DRILLING MUD WITH OIL SPOTS

Rec. Feet of

Rec. Feet of

Rec. Feet of

Rec. Feet of

BHT 130 °F Gravity °API @ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides 2400 ppm System

(A) Initial Hydrostatic Mud 2628.6 PSI AK1 Recorder No. 10333 Range 4050

(B) First Initial Flow Pressure 55.9 PSI @ (depth) 5587 w / Clock No. 16067

(C) First Final Flow Pressure 55.9 PSI AK1 Recorder No. 13255 Range 6300

(D) Initial Shut-in Pressure 1442.6 PSI @ (depth) 5626 w / Clock No. 8698

(E) Second Initial Flow Pressure 65.8 PSI AK1 Recorder No. Range

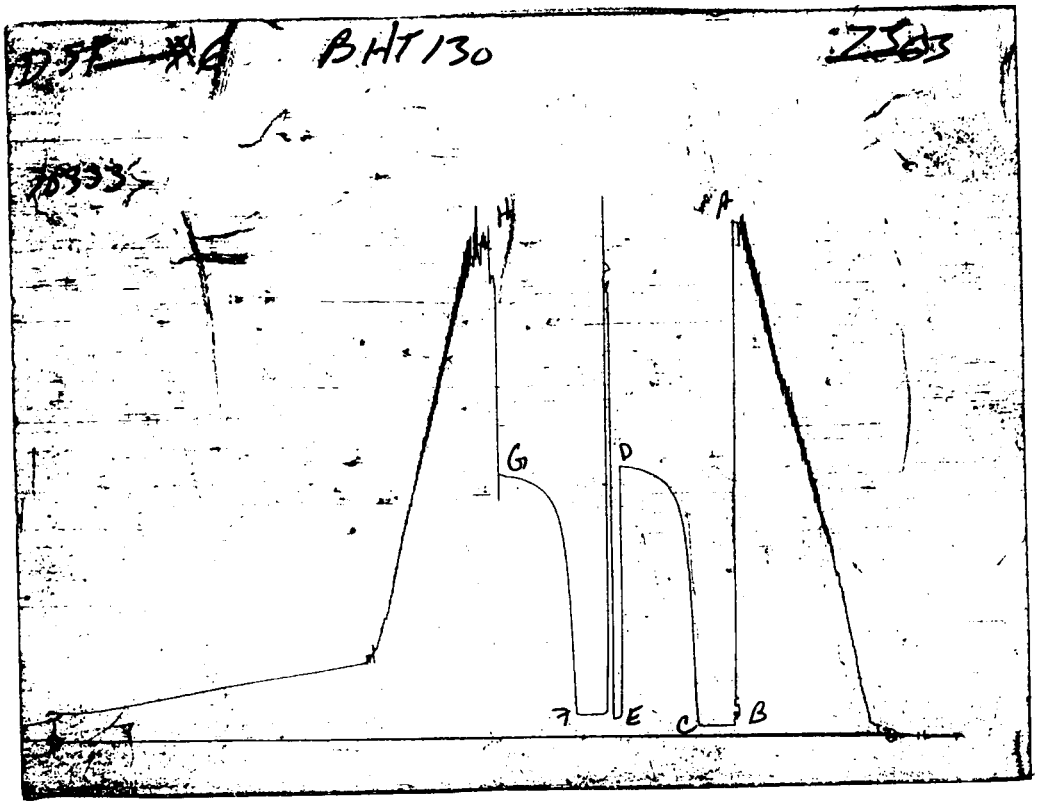
(F) Second Final Flow Pressure 65.8 PSI @ (depth) w / Clock No.

(G) Final Shut-in Pressure 1403.7 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 2526.5 PSI Initial Shut-in 60 Final Shut-in 60

Our Representative ROBERT COLLINS

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2600	2628.6
(B) FIRST INITIAL FLOW PRESSURE	50	55.9
(C) FIRST FINAL FLOW PRESSURE	50	55.9
(D) INITIAL CLOSED-IN PRESSURE	1426	1442.6
(E) SECOND INITIAL FLOW PRESSURE	60	65.8
(F) SECOND FINAL FLOW PRESSURE	60	65.8
(G) FINAL CLOSED-IN PRESSURE	1375	1403.7
(H) FINAL HYDROSTATIC MUD	2518	2526.5