



WESTERN TESTING CO., INC. FORMATION TESTING

TICKET No 1861

P. O. BOX 1599 PHONE (316) 262-5861
WICHITA, KANSAS 67201

Elevation 1529 G.L. Formation Krider Eff. Pay _____ Ft.

District Pratt Date 9-9-83 Customer Order No. _____

COMPANY NAME Atlica Gas Venture Corp Inc.

ADDRESS 123 N. Main Atlica KS 67009

LEASE AND WELL NO. Johnson #1 COUNTY Kingman STATE KS Sec. 18 Twp. 30S Rge. 8W

Mail Invoice To Same Co. Name #1 Johnson Address _____ No. Copies Requested Reg

Mail Charts To Same Address _____ No. Copies Requested Reg

Formation Test No. 1 Interval Tested From 1380 ft. to 1420 ft. Total Depth 1420 ft.

Packer Depth 1375 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Packer Depth 1380 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 1410 ft. Recorder Number 13402 Cap. 4025

Bottom Recorder Depth (Outside) 1413 ft. Recorder Number 1559 Cap. 4200

Below Saddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____

Drilling Contractor Gabbert + Jones #6 Drill Collar Length 450 I. D. 2.2 in.

Mud Type Gel Viscosity 40 Weight Pipe Length _____ I. D. _____ in.

Weight 9.3 Water Loss N/A cc. Drill Pipe Length 910 I. D. 3.8 in.

Chlorides N/A P.P.M. Test Tool Length 30 ft. Tool Size 5 1/2 OD in.

Jars: Make _____ Serial Number _____ Anchor Length 40 ft. Size 5 1/2 OD in.

Did Well Flow? NO Reversed Out NO Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 FH in.

Blow: Weak Building to Strong I.F. - Strong FF GTS 20 min -

See Gas Flow Report

Recovered 125 ft. of Gassy Muddy Water Chlorides 52,000 ppm

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Chlorides _____ P.P.M. Sample Jars used _____ Remarks: _____

Time On Location 11:30 A.M. Time Pick Up Tool 1:30 A.M. Time Off Location 7:00 A.M.

Time Set Packer(s) 2:25 A.M. Time Started Off Bottom 5:10 A.M. Maximum Temperature 98°

Initial Hydrostatic Pressure _____ (A) 709 P.S.I.

Initial Flow Period _____ Minutes 30 (B) 59 P.S.I. to (C) 59 P.S.I.

Initial Closed In Period _____ Minutes 45 (D) 364 P.S.I.

Final Flow Period _____ Minutes 45 (E) 78 P.S.I. to (F) 88 P.S.I.

Final Closed In Period _____ Minutes 45 (G) 374 P.S.I.

Final Hydrostatic Pressure _____ (H) 689 P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to 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, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By Eldon J. Scherling
Signature of Customer or his authorized representative

Western Representative [Signature]

FIELD INVOICE

Open Hole Test \$ 550
Misrun \$ _____
Straddle Test \$ _____
Jars \$ _____
Selective Zone \$ _____
Safety Joint \$ _____
Standby \$ _____
Evaluation \$ _____
Extra Packer \$ _____
Circ. Sub. \$ _____
Mileage \$ _____
Fluid Sampler \$ _____
Extra Charts \$ _____
Insurance \$ _____
Telecopier \$ _____
TOTAL \$ 550.00



Nº 2896

GAS FLOW REPORT

Date 9-9-83 Ticket 1861 Company Offices Gas Venture
Well Name and No. Johnson #1 Dst No. 1 Interval Tested 1380-1420
County Kingman State KS Sec. 18 Twp. 30S Rg. 8W

Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	Size of Orifice	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	Description of Flow
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PRE FLOW

[illegible]Inches of
Water

SECOND FLOW

6TS 20 min

25	6	}			4, 120	cfpd
30	6				4, 120	cfpd
35	7				4, 450	
40	7				4, 450	
45	7				4, 450	

OK

GAS BOTTLE

Serial No. _____ Date Bottle Filled _____ Date to be Invoiced _____

Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Western Testing Co., Inc. within thirty (30) days free of charge, or be invoiced in the amount of \$75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1½% per month, equal to 18% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME _____

Authorized by _____

DATE: 9/ 9/83

GAUGE SN #13402

WELL # 1

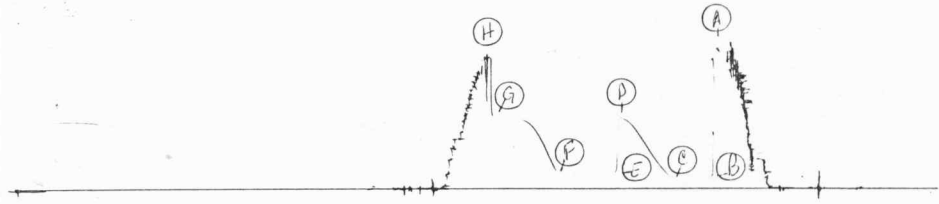
TEST # 1

READING NUMBER	TIME MIN	PRESSURE PSI
1	0.000	46.77 ^B
2	5.141	46.77
3	10.210	46.77
4	15.379	46.77
5	20.246	46.77
6	25.200	46.77
7	30.269	46.77
8	0.000	46.77 ^C
9	3.125	52.58
10	6.120	67.45
11	9.029	93.34
12	12.154	117.56
13	15.221	150.65
14	18.403	183.43
15	21.326	213.36
16	24.322	247.92
17	27.331	275.69
18	30.470	304.64
19	33.494	328.76
20	36.418	343.53
21	39.384	352.88
22	42.437	361.06 ^D
23	0.000	73.75 ^E
24	5.213	73.75
25	10.138	73.75
26	15.178	73.75
27	20.246	73.75
28	25.214	73.75
29	30.341	73.75
30	35.410	73.85
31	40.536	73.85
32	45.346	77.88
33	0.000	77.88 ^F
34	3.010	119.53
35	6.221	178.21
36	9.216	219.08
37	11.966	248.81
38	15.134	284.95
39	18.389	318.13
40	21.442	332.99
41	24.235	344.32
42	27.389	348.75
43	30.312	356.13
44	33.480	356.23
45	36.360	356.92
46	39.341	358.50
47	42.566	361.55
48	45.403	361.55 ^G
49	0.000	683.98 ^H
50	0.000	697.44 ^A

DST #1

TKT # 1861

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WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 9/9/83
CUSTOMER: ATTICA GAS VENTURE CORP. INC.
WELL: 1 TEST: 1
ELEVATION (KB): 1534 FORMATION: KRIDER
SECTION: 18 TOWNSHIP: 30S
RANGE: 7W COUNTY: KINGMAN STATE: KANSAS
GAUGE SN #13402 RANGE: 4025 CLOCK: 12

TICKET #1861
LEASE: JOHNSON
GEOLOGIST: E. SCHIERLING

INTERVAL TEST FROM: 1380 FT TO: 1420 FT TOTAL DEPTH: 1420 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 1375 FT SIZE: 6 3/4 IN PACKER DEPTH: 1380 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: GABBERT & JONES #6
MUD TYPE: GEL VISCOSITY: 40
WEIGHT: 9.3 WATER LOSS (CC):
CHLORIDES (P.P.M.):
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 450 FT I.D.: 2.2 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 910 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 20 FT TOOL SIZE: 5 1/2 O.D. IN
ANCHOR LENGTH: 40 FT SIZE: 5 1/2 O.D. IN
SURFACE CHOKE SIZE: 3/4 IN BOTTOM CHOKE SIZE: 3/4 IN
MAIN HOLE SIZE: 7 7/8 IN TOOL JOINT SIZE: 4 1/2 F.H. IN

BLOW: INITIAL FLOW PERIOD - WEAK
BUILDING TO STRONG. FINAL FLOW
PERIOD - STRONG. GAS TO SURFACE
20 MINUTES. SEE GAS FLOW REPORT.

RECOVERED: 125	FT	OF: GASSY MUDDY WATER
RECOVERED:	FT	OF: CHLORIDES 52000 P.P.M.
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:

REMARKS:

TIME SET PACKER(S): 2:25 A.M.

TIME STARTED OFF BOTTOM: 5:10 A.M.

WELL TEMPERATURE: 98 °F

INITIAL HYDROSTATIC PRESSURE:

INITIAL FLOW PERIOD MIN: 30

INITIAL CLOSED IN PERIOD MIN: 42

FINAL FLOW PERIOD MIN: 45

FINAL CLOSED IN PERIOD MIN: 45

FINAL HYDROSTATIC PRESSURE

(A) 697	PSI	
(B) 47	PSI TO (C) 47	PSI
(D) 361	PSI	
(E) 74	PSI TO (F) 78	PSI
(G) 362	PSI	
(H) 684	PSI	

WESTERN TESTING CO. INC.
GAS FLOW REPORT

DATE: 9/9/83
CUSTOMER: ATTICA GAS VENTURE CORP. INC.
WELL: 1
ELEVATION (KB): 1534
SECTION: 18
RANGE: 7W
GAUGE SN #13402

TEST: 1
FORMATION: KRIDER
TOWNSHIP: 30S
COUNTY: KINGMAN
RANGE: 4025

TICKET #1861
LEASE: JOHNSON
GEOLOGIST: E. SCHIERLING
STATE: KANSAS
CLOCK: 12

TIME GAUGE (MIN)	TESTER TYPE	ORIFICE SIZE	PRESSURE (PSI)	FLOW DESCRIPTION
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PRE FLOW

SECOND FLOW

20	MERLA			GAS TO SURFACE
25		1/4	6"WTR	4120 CFPD
30		1/4	6"WTR	4120 CFPD
35		1/4	7"WTR	4450 CFPD
40		1/4	7"WTR	4450 CFPD
45		1/4	7"WTR	4450 CFPD

GAS BOTTLE SN #:
DATE BOTTLE FILLED:
DATE TO BE INVOICED: 9/9/83



P. O. BOX 1599 PHONE (316) 262-5861
WICHITA, KANSAS 67201

WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET N^o 2122

Elevation 1534 K.B. Formation Mississippian Eff. Pay Ft.

District St. Bend Date 9-14-83 Customer Order No.

COMPANY NAME Attica Gas Ventures Corporation, Inc.

ADDRESS 123 N. Main Attica, Ks. 67009

LEASE AND WELL NO. Johnson #1, COUNTY Kingman STATE Ks Sec. 18 Twp. 30^s Rge. 7^w

Mail Invoice To SAME #1 JOHNSON No. Copies Requested 5

Co. Name SAME Address No. Copies Requested 5

Mail Charts To SAME Address No. Copies Requested 5

Formation Test No. 1 Interval Tested From 34184 ft. to 4194 ft. Total Depth 4194 ft.

Packer Depth 4184 ft. Size 6 7/8 in. Packer Depth ft. Size in.

Packer Depth 4179 ft. Size 6 7/8 in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4186 ft. Recorder Number 10980 Cap. 4200

Bottom Recorder Depth (Outside) 4190 ft. Recorder Number 13551 Cap. 4150

Below Saddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor Gilbert Jones Drill Collar Length 463 I. D. 2.2 in.

Mud Type GOMIX-IMP. Viscosity 48 Weight Pipe Length I. D. in.

Weight 9.2 Water Loss 8.4 cc. Drill Pipe Length 3693 I. D. 3.8 in.

Chlorides 8,000 P.P.M. Test Tool Length 27 ft. Tool Size 3 1/2 in.

Jars: Make BAKER Serial Number 417 Anchor Length 10 ft. Size 5 1/2 in.

Did Well Flow? YES Reversed Out Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 3 1/2 in.

Blow: IF - Fair Blow-building to a Strong Blow in 2 minutes G.T.S. IN 27 min. 15,400 C.F.G.P.D.
FF - Strong Blow 31,900 C.F.G.P.D.

Recovered 120 ft. of GAS CUT MUD

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Chlorides P.P.M. Sample Jars used 1 Remarks: STAYED ON LOC. AFTER DST #1.

Time On Location 12:35 A.M. Time Pick Up Tool 4:05 A.M. Time Off Location A.M.

Time Set Packer(s) 6:15 P.M. Time Started Off Bottom 8:45 A.M. Maximum Temperature 113°

Initial Hydrostatic Pressure (A) 2050 P.S.I.

Initial Flow Period Minutes 30 (B) 53 P.S.I. to (C) 53 P.S.I.

Initial Closed In Period Minutes 45 (D) 579 P.S.I.

Final Flow Period Minutes 30 (E) 64 P.S.I. to (F) 64 P.S.I.

Final Closed In Period Minutes 45 (G) 557 P.S.I.

Final Hydrostatic Pressure (H) 2040 P.S.I.

COMPANY TERMS

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All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By E. J. Schuchman
Signature of Customer or his authorized representative

Western Representative Dan Delaney

FIELD INVOICE

Open Hole Test \$ 595.00
Misrun \$
Straddle Test \$
Jars \$ 300.00
Selective Zone \$
Safety Joint \$ 65.00
Standby \$
Evaluation \$
Extra Packer \$
Circ. Sub. \$
Mileage \$
Fluid Sampler \$
Extra Charts \$
Insurance \$
Telecopier \$
TOTAL \$ 960.00



GAS FLOW REPORT

N^o 4560

Date 9-14-83 Ticket 2122 Company Attica Gas Venture Corp. Inc.
 Well Name and No. Johnson #1 Dst No. 2 Interval Tested 4184-4194
 County Kingman State KS Sec. 18 Twp. 30^s Rg. 7^w

Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	Size of Orifice	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	Description of Flow
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PRE FLOW					
GAS TO SURFACE IN 27 MINUTES					
28 MIN.	6 I.W.	1/2"		15,400	C.F.G.P.D.

SECOND FLOW

1 MIN.	5 I.W.	1"		57,700	C.F.G.P.D.
5 MIN.	17 I.W.	1/2"		25,800	"
10 MIN.	24 I.W.	1/2"		30,700	"
15 MIN.	26 I.W.	1/2"		31,900	"
20 MIN.	26 I.W.	1/2"		31,900	"
25 MIN.	26 I.W.	1/2"		31,900	"
29 MIN.	26 I.W.	1/2"		31,900	"

GAS BOTTLE

Serial No. _____ Date Bottle Filled _____ Date to be Invoiced _____

Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Western Testing Co., Inc. within thirty (30) days free of charge, or be invoiced in the amount of \$75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1 1/2% per month, equal to 18% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME _____

Authorized by _____

Pressure Data

9-14-83

Test Ticket No. 2122

Order No. 10980

Capacity 4200

Location 4186

Well No. 113

Elevation 1534 K.B.

Well Temperature

Int

Pressure

Time Given

Time Computed

Initial Hydrostatic Mud 2033 P.S.I.
 First Initial Flow Pressure 66 P.S.I.
 First Final Flow Pressure 66 P.S.I.
 Initial Closed-in Pressure 584 P.S.I.
 Second Initial Flow Pressure 75 P.S.I.
 Second Final Flow Pressure 75 P.S.I.
 Final Closed-in Pressure 568 P.S.I.
 Final Hydrostatic Mud 2012 P.S.I.

Open Tool

First Flow Pressure

Initial Closed-in Pressure

Second Flow Pressure

Final Closed-in Pressure

10:15 A.M.

30 Mins. 30 Mins.

45 Mins. 45 Mins.

30 Mins. 30 Mins.

45 Mins. 45 Mins.

PRESSURE BREAKDOWN

First Flow Pressure

Breakdown: 7 Inc.

of 5 mins. and a

final inc. of 0 Min.

Initial Shut-In

Breakdown: 16 Inc.

of 3 mins. and a

final inc. of 0 Min.

Second Flow Pressure

Breakdown: 7 Inc.

of 5 mins. and a

final inc. of 0 Min.

Final Shut-In

Breakdown: 16 Inc.

of 3 mins. and a

final inc. of 0 Min.

Point
ins.

Press.

Point
Minutes

Press.

Point
Minutes

Press.

Point
Minutes

Press.

1 0 66
 2 5 66
 3 10 66
 4 15 66
 5 20 66
 6 25 66
 7 30 66
 8 35
 9 40
 10 45
 11 50
 12 55
 13 60
 14
 15
 16
 17
 18
 19
 20

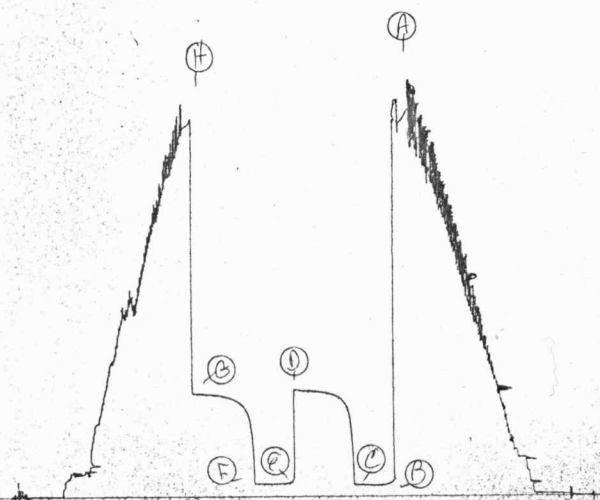
0 66
 3 377
 6 489
 9 523
 12 544
 15 557
 18 564
 21 570
 24 574
 27 576
 30 578
 33 580
 36 583
 39 583
 42 584
 45 584
 48
 51
 54
 57
 60

0 75
 5 75
 10 75
 15 75
 20 75
 25 75
 30 75
 35
 40
 45
 50
 55
 60
 65
 70
 75
 80
 85
 90

0 75
 3 377
 6 461
 9 500
 12 517
 15 529
 18 540
 21 547
 24 551
 27 557
 30 559
 33 561
 36 563
 39 565
 42 567
 45 568
 48
 51
 54
 57
 60

TRT # 2122

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WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 9/14/83
CUSTOMER: ATTICA GAS VENTURES CORP. INC.
WELL: 1 TEST: 1
ELEVATION (KB): 1534 FORMATION: MISSISSIPPI
SECTION: 18 TOWNSHIP: 30S
RANGE: 7W COUNTY: KINGMAN STATE: KANSAS
GAUGE SN #10980 RANGE: 4200 CLOCK: 12

INTERVAL TEST FROM: 4184 FT TO: 4194 FT TOTAL DEPTH: 4194 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4184 FT SIZE: 6 5/8 IN PACKER DEPTH: 4179 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: GABBERT-JONES
MUD TYPE: PREMIX-IMP VISCOSITY: 48
WEIGHT: 9.2 WATER LOSS (CC): 8.4
CHLORIDES (P.P.M.): 8000
JARS - MAKE: WTC SERIAL NUMBER: 417
DID WELL FLOW? GAS REVERSED OUT?
DRILL COLLAR LENGTH: 463 FT I.D.: 2.2 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 3693 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 27 FT TOOL SIZE: 4 1/2 O.D. IN
ANCHOR LENGTH: 10 FT SIZE: 5 1/2 O.D. IN
SURFACE CHOKE SIZE: 3/4 IN BOTTOM CHOKE SIZE: 3/4 IN
MAIN HOLE SIZE: 7 7/8 IN TOOL JOINT SIZE: 4 1/2 F.H. IN

BLOW: INITIAL FLOW PERIOD - FAIR BLOW
BUILDING TO STRONG BLOW IN 2
MINS. GAS TO SURFACE IN 27 MINS.
FINAL FLOW PERIOD - STRONG BLOW.

RECOVERED: 120 FT OF: GAS CUT MUD
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): 6:15 A.M. TIME STARTED OFF BOTTOM: 8:45 A.M.
WELL TEMPERATURE: 113 °F
INITIAL HYDROSTATIC PRESSURE: (A) 2033 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 66 PSI TO (C) 66 PSI
INITIAL CLOSED IN PERIOD MIN: 45 (D) 584 PSI
FINAL FLOW PERIOD MIN: 30 (E) 75 PSI TO (F) 75 PSI
FINAL CLOSED IN PERIOD MIN: 45 (G) 568 PSI
FINAL HYDROSTATIC PRESSURE (H) 2012 PSI

WESTERN TESTING CO. INC.
GAS FLOW REPORT

DATE: 9/14/83
CUSTOMER: ATTICA GAS VENTURES CORP. INC.
WELL: 1
ELEVATION (KB): 1534
SECTION: 18
RANGE: 7W
GAUGE SN #10980

TEST: 1
FORMATION: MISSISSIPPI
TOWNSHIP: 30S
COUNTY: KINGMAN
RANGE: 4200

TICKET #2122
LEASE: JOHNSON
GEOLOGIST: E. SCHIERLING
STATE: KANSAS
CLOCK: 12

TIME GAUGE (MIN)	TESTER TYPE	ORIFICE SIZE	PRESSURE (PSI)	FLOW DESCRIPTION
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PRE FLOW

27				GAS TO SURFACE
28	MERLA	1/2	6"WTR	15400 CFPD

SECOND FLOW

1	MERLA	1	5"WTR	57700 CFPD
5		1/2	17"WTR	25800 CFPD
10		1/2	24"WTR	30700 CFPD
15		1/2	26"WTR	31900 CFPD
20		1/2	26"WTR	31900 CFPD
25		1/2	26"WTR	31900 CFPD
29		1/2	26"WTR	31900 CFPD

GAS BOTTLE SN #:
DATE BOTTLE FILLED:
DATE TO BE INVOICED: 9/14/83



P. O. BOX 1599 PHONE (316) 262-5861
WICHITA, KANSAS 67201

WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET

No. 2123

Elevation 1534 K.B. Formation Mississippi Eff. Pay Ft.

District St. Bend Date 9-14-83 Customer Order No.

COMPANY NAME Attica Gas Venture Corporation Inc.

ADDRESS 123 N. Main Attica, KS. 67009

LEASE AND WELL NO. Johnson #1 COUNTY Kingman STATE KS. Sec. 18 Twp 30^S Rge. 7^W

Mail Invoice To SAME #1 Johnson No. Copies Requested 5

Co. Name SAME Address No. Copies Requested 5

Mail Charts To SAME Address No. Copies Requested 5

Formation Test No. 82 Interval Tested From 4194 ft. to 4210 ft. Total Depth 4210 ft.

Packer Depth 4194 ft. Size 678 in. Packer Depth ft. Size in.

Packer Depth 4189 ft. Size 678 in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4197 ft. Recorder Number 10980 Cap. 4200

Bottom Recorder Depth (Outside) 4201 ft. Recorder Number 13551 Cap. 4150

Below Saddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor Hallbert-Jones #6 Drill Collar Length 463 I. D. 2.2 in.

Mud Type Premium Viscosity 48 Weight Pipe Length I. D. in.

Weight 9.3 Water Loss 9.6 cc. Drill Pipe Length 3704 I. D. 3.8 in.

Chlorides 9.000 P.P.M. Test Tool Length 27 ft. Tool Size 4 1/2 in.

Jars: Make Brown Serial Number 417 Anchor Length 16 ft. Size 5 1/2 in.

Did Well Flow? No Reversed Out Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Blow: F.F. - Strong Blow Gas to Surface in 13 minutes 97,300 C.F.G.P.D.

F.F. - Strong Blow 85,900 C.F.G.P.D.

Recovered 62 ft. of GAS CUT MUD

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Chlorides P.P.M. Sample Jars used 1 Remarks:

RECEIVED
SEP 19 1983

Time On Location 8:25 A.M. Time Pick Up Tool 6:15 A.M. Time Off Location A.M.

Time Set Packer(s) 8:25 P.M. Time Started Off Bottom 11:25 A.M. Maximum Temperature 115°

Initial Hydrostatic Pressure (A) 2146 P.S.I.

Initial Flow Period Minutes 30 (B) 85 P.S.I. to (C) 85 P.S.I.

Initial Closed In Period Minutes 45 (D) 568 P.S.I.

Final Flow Period Minutes 60 (E) 85 P.S.I. to (F) 85 P.S.I.

Final Closed In Period Minutes 45 (G) 493 P.S.I.

Final Hydrostatic Pressure (H) 2135 P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to 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, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By E. J. Schurle Signature of Customer or his authorized representative

Western Representative Dan Delaney

FIELD INVOICE

Open Hole Test \$ 595.00
Misrun \$
Straddle Test \$
Jars \$ 300.00
Selective Zone \$
Safety Joint \$ 65.00
Sandby \$
Evaluation \$
Extra Packer \$
Circ. Sub. \$
Mileage \$
Fluid Sampler \$
Extra Charts \$
Insurance \$
Telecopier \$
TOTAL \$ 960.00



GAS FLOW REPORT

N^o 4561

Date 9-14-83 Ticket 2123 Company Attica Gas Venture Corp. Inc
 Well Name and No. Jahson #1 Dst No. 82 Interval Tested 4194-4210
 County Kingman State KS Sec. 18 Twp. 30S Rg. 7W

Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	Size of Orifice	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	Description of Flow
PRE FLOW					
GAS TO SURFACE IN 13 MINUTES					
15 MIN.	7 I.W.	1 1/2"		184,000	C.F.G.P.D.
20 MIN.	3 I.W.	1 1/2"		121,000	"
25 MIN.	14 I.W.	1"		97,300	"
29 MIN.	14 I.W.	1"		97,300	"
					ok

SECOND FLOW

1 MIN.	14 I.W.	1"		97,300	C.F.G.P.D.
5 MIN.	19 I.W.	1"		113,000	"
10 MIN.	18 I.W.	1"		110,000	"
15 MIN.	17 I.W.	1"		106,000	"
20 MIN.	15 1/2 I.W.	1"		102,000	"
25 MIN.	14 I.W.	1"		97,300	"
30 MIN.	13 I.W.	1"		93,600	"
35 MIN.	13 I.W.	1"		93,600	"
40 MIN.	12 I.W.	1"		89,800	"
45 MIN.	12 I.W.	1"		89,800	"
50 MIN.	11 I.W.	1"		85,900	"
55 MIN.	11 I.W.	1"		85,900	"
59 MIN.	11 I.W.	1"		85,900	"
					ok

GAS BOTTLE

Serial No. _____ Date Bottle Filled _____ Date to be Invoiced _____

Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Western Testing Co., Inc. within thirty (30) days free of charge, or be invoiced in the amount of \$75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1 1/2% per month, equal to 18% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME _____

Authorized by _____

DATE: 9/14/83

GAUGE SN #10980

WELL # 1

TEST # 32

READING NUMBER	TIME MIN	PRESSURE PSI
1	0.000	88.17
2	30.312	88.17
3	0.000	88.17
4	3.096	263.20
5	6.221	427.83
6	9.533	482.53
7	12.355	501.73
8	15.149	518.46
9	18.245	518.46
10	21.398	534.55
11	24.394	538.41
12	27.432	544.20
13	30.384	544.20
14	33.350	549.56
15	36.346	552.67
16	39.427	552.67
17	42.394	556.73
18	45.418	560.36
19	0.000	82.48
20	60.653	82.48
21	0.000	82.48
22	3.197	327.87
23	6.422	383.54
24	9.446	406.06
25	12.038	422.68
26	15.264	433.95
27	18.144	434.80
28	21.211	451.86
29	24.437	456.47
30	27.389	462.80
31	30.139	462.80
32	33.523	471.59
33	36.518	474.59
34	39.413	477.81
35	42.696	485.21
36	45.490	490.79
37	0.000	2179.39
38	0.000	2134.78

B 1
C

16 ok

D
E 13
F

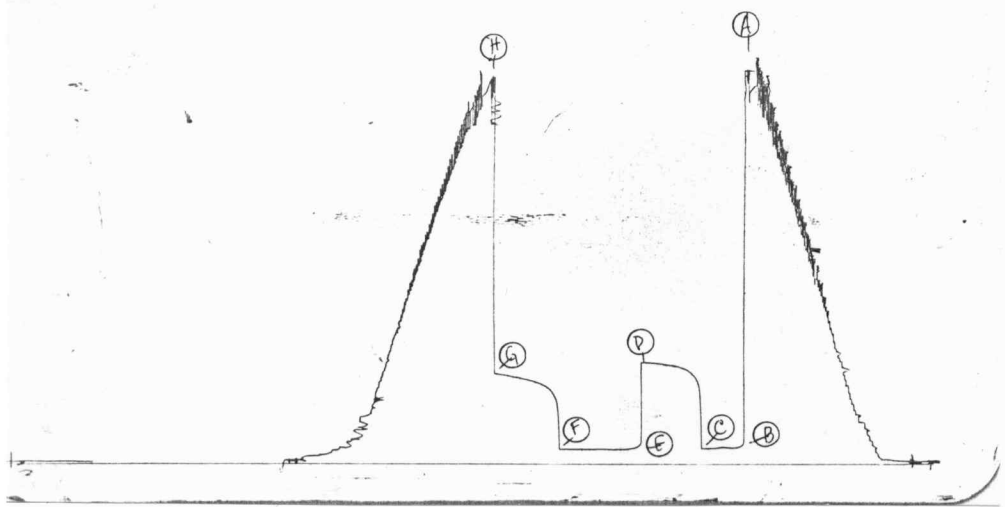
16

ok

G
A
H

TKT # 2123

I



WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 9/14/83
CUSTOMER: ATTICA GAS VENTURE CORP. INC.
WELL: 1 TEST: 2
ELEVATION (KB): 1534 FORMATION: MISSISSIPPI
SECTION: 18 TOWNSHIP: 30S
RANGE: 7W COUNTY: KINGMAN STATE: KANSAS
GAUGE SN #10980 RANGE: 4200 CLOCK: 12

INTERVAL TEST FROM: 4194 FT TO: 4210 FT TOTAL DEPTH: 4210 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4194 FT SIZE: 6 5/8 IN PACKER DEPTH: 4189 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: GALBERT-JONES #6
MUD TYPE: PREMIX VISCOSITY: 48
WEIGHT: 9.3 WATER LOSS (CC): 9.6
CHLORIDES (P.P.M.): 9000
JARS - MAKE: WTC SERIAL NUMBER: 417
DID WELL FLOW? GAS REVERSED OUT?
DRILL COLLAR LENGTH: 463 FT I.D.: 2.2 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 3704 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 27 FT TOOL SIZE: 4 1/2 O.D. IN
ANCHOR LENGTH: 16 FT SIZE: 5 1/2 O.D. IN
SURFACE CHOKE SIZE: 3/4 IN BOTTOM CHOKE SIZE: 3/4 IN
MAIN HOLE SIZE: 7 7/8 IN TOOL JOINT SIZE: 4 1/2 F.H. IN

BLOW: INITIAL FLOW PERIOD - STRONG
BLOW. GAS TO SURFACE IN 13 MINS.
SEE GAS FLOW REPORT.
FINAL FLOW PERIOD - STRONG BLOW.

RECOVERED: 62 FT OF: GAS CUT MUD
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): 8:25 P.M.
WELL TEMPERATURE: 115 °F
INITIAL HYDROSTATIC PRESSURE:
INITIAL FLOW PERIOD MIN: 30
INITIAL CLOSED IN PERIOD MIN: 45
FINAL FLOW PERIOD MIN: 60
FINAL CLOSED IN PERIOD MIN: 45
FINAL HYDROSTATIC PRESSURE

TIME STARTED OFF BOTTOM: 11:25 P.M.

(A) 2179 PSI
(B) 88 PSI TO (C) 88 PSI
(D) 560 PSI
(E) 82 PSI TO (F) 82 PSI
(G) 491 PSI
(H) 2135 PSI

WESTERN TESTING CO. INC.
GAS FLOW REPORT

DATE: 9/14/83
CUSTOMER: ATTICA GAS VENTURE CORP. INC.
WELL: 1
ELEVATION (KB): 1534
SECTION: 18
RANGE: 7W
GAUGE SN #10980

TEST: 2
FORMATION: MISSISSIPPI
TOWNSHIP: 30S
COUNTY: KINGMAN
RANGE: 4200

TICKET #2123
LEASE: JOHNSON
GEOLOGIST: E. SCHIERLING
STATE: KANSAS
CLOCK: 12

TIME GAUGE (MIN)	TESTER TYPE	ORIFICE SIZE	PRESSURE (PSI)	FLOW DESCRIPTION
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PRE FLOW

13				GAS TO SURFACE
15	MERLA	1 1/2	7"WTR	184000 CFPD
20		1 1/2	3"WTR	121000 CFPD
25		1	14"WTR	97300 CFPD
29		1	14"WTR	97300 CFPD

SECOND FLOW

1	MERLA	1	14"WTR	97300 CFPD
5		1	19"WTR	113000 CFPD
10		1	18"WTR	110000 CFPD
15		1	17"WTR	105000 CFPD
20		1	15.5"WTR	102000 CFPD
25		1	14"WTR	97300 CFPD
30		1	13"WTR	93600 CFPD
35		1	13"WTR	93600 CFPD
40		1	12"WTR	89800 CFPD
45		1	12"WTR	89800 CFPD
50		1	11"WTR	85900 CFPD
55		1	11"WTR	85900 CFPD
59		1	11"WTR	85900 CFPD

GAS BOTTLE SN #:
DATE BOTTLE FILLED:
DATE TO BE INVOICED: 9/14/83