

Company Attica Gas Ventures Corporation, Inc. Lease & Well No. #1 Attica Hospital #3
Elevation 1450 Ground Level Formation Douglas Effective Pay -- Ft. Ticket No. 16032
Date 8/ 16 /82 Sec. 24 Twp. 32S Range 9W County Harper State Kansas
Test Approved by Eldon J. Schierling Western Representative Vernon Wondra
Formation Test No. 1 Interval Tested from 3406 ft. to 3459 ft. Total Depth 3459 ft.
Packer Depth 3401 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
Packer Depth 3406 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 3410 ft. Recorder Number 10266 Cap. 4775
Bottom Recorder Depth (Outside) 3413 ft. Recorder Number 6074 Cap. 5100
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor Gabbert-Jones Drlg. Rig #6 Drill Collar Length 402 I. D. 2 1/4 in.
Mud Type chemical Viscosity 46 Weight Pipe Length - I. D. - in.
Weight 9.4 Water Loss 11.6 cc. Drill Pipe Length 2983 I. D. 3.8 in.
Chlorides 17,000 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 OD in.
Jars: Make - Serial Number - Anchor Length 53 ft. Size 5 1/2 OD + 32' D.C.
Did Well Flow? Yes 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: Gas to surface in two minutes. See attached sheet for gas measurements.

Recovered 190 ft. of gas cut watery mud (Chlorides 41,000 ppm)

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 3:45 AM P.M. Time Started Off Bottom 5:45 AM P.M. Maximum Temperature 110°
Initial Hydrostatic Pressure 1619 P.S.I. (A)
Initial Flow Period 30 Minutes (B) 440 P.S.I. to (C) 858 P.S.I.
Initial Closed In Period 45 Minutes (D) 1408 P.S.I.
Final Flow Period 15 Minutes (E) 877 P.S.I. to (F) 929 P.S.I.
Final Closed In Period 30 Minutes (G) 1428 P.S.I.
Final Hydrostatic Pressure 1588 P.S.I. (H)

GAS FLOW REPORT

Date 8/16/82 Ticket 16032 Company Attica Gas Ventures Corporation, Inc.
 Well Name and No. #1 Attica Hospital #3 Dst No. 1 Interval Tested 3406'-3459'
 County Harper State Kansas Sec. 24 Twp. 32S Rg. 9W

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
Gas to surface in two minutes.			PRE FLOW		
10 min.		16 lbs.	2" open flow		2,930,000 CFPD
20 min.		25 lbs.	2" open flow		3,780,000 CFPD
28 min.		26 lbs.	2" open flow		3,880,000 CFPD

Water to surface at second opening. **SECOND FLOW**

GAS BOTTLE

Serial No. ----- Date Bottle Filled --- Date to be Invoiced 8/16/82

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 Attica Gas Ventures Corp., Inc.

Authorized by Eldon J. Schierling

WESTERN TESTING CO., INC.

Pressure Data

Date 8/16/82 Test Ticket No. 16032

Recorder No. 10266 Capacity 4775 Location 3410 Ft.

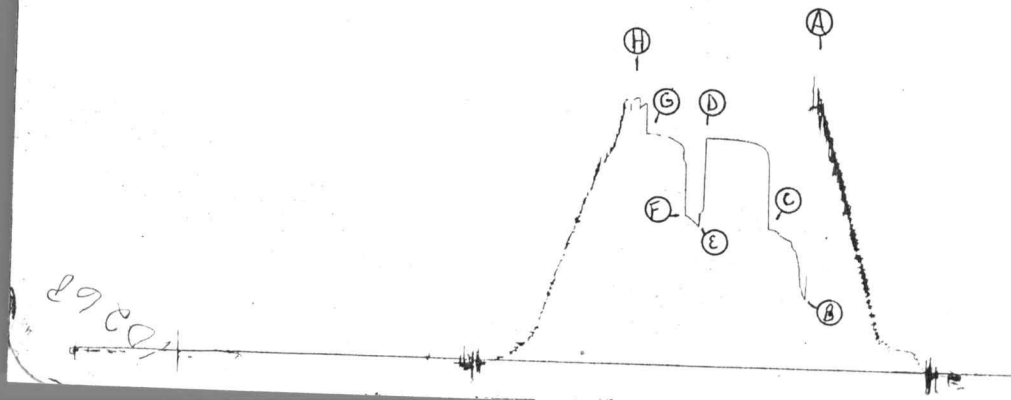
Clock No. -- Elevation 1460 Ground Level Well Temperature 110 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1619</u> P.S.I.	<u>3:45P</u>	<u>M</u>
B First Initial Flow Pressure	<u>440</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>858</u> P.S.I.	<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>1408</u> P.S.I.	<u>15</u> Mins.	<u>15</u> Mins.
E Second Initial Flow Pressure	<u>877</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>929</u> P.S.I.		
G Final Closed-in Pressure	<u>1428</u> P.S.I.		
H Final Hydrostatic Mud	<u>1588</u> P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>15</u> Inc.		Breakdown: <u>3</u> Inc.		Breakdown: <u>10</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>440</u>	<u>0</u>	<u>858</u>	<u>0</u>	<u>877</u>	<u>0</u>	<u>929</u>
P 2 <u>5</u>	<u>623</u>	<u>3</u>	<u>1360</u>	<u>5</u>	<u>877</u>	<u>3</u>	<u>1363</u>
P 3 <u>10</u>	<u>739</u>	<u>6</u>	<u>1375</u>	<u>10</u>	<u>915</u>	<u>6</u>	<u>1379</u>
P 4 <u>15</u>	<u>799</u>	<u>9</u>	<u>1384</u>	<u>15</u>	<u>929</u>	<u>9</u>	<u>1395</u>
P 5 <u>20</u>	<u>822</u>	<u>12</u>	<u>1389</u>			<u>12</u>	<u>1405</u>
P 6 <u>25</u>	<u>854</u>	<u>15</u>	<u>1393</u>			<u>15</u>	<u>1414</u>
P 7 <u>30</u>	<u>858</u>	<u>18</u>	<u>1396</u>			<u>18</u>	<u>1417</u>
P 8		<u>21</u>	<u>1398</u>			<u>21</u>	<u>1420</u>
P 9		<u>24</u>	<u>1400</u>			<u>24</u>	<u>1423</u>
P10		<u>27</u>	<u>1402</u>			<u>27</u>	<u>1426</u>
P11		<u>30</u>	<u>1404</u>			<u>30</u>	<u>1428</u>
P12		<u>33</u>	<u>1405</u>				
P13		<u>36</u>	<u>1406</u>				
P14		<u>39</u>	<u>1407</u>				
P15		<u>42</u>	<u>1408</u>				
P16		<u>45</u>	<u>1408</u>				
P17							
P18							
P19							
P20							

TKT # 16032
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WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET

No. 16032

P. O. BOX 1599

PHONE (316) 262-5861

WICHITA, KANSAS 67201

Elevation 1460 GL. Formation Douglas Eff. Pay - Ft.

District Great Bend Date 8-16-82 Customer Order No. -

COMPANY NAME Attica Gas Venture Corp. Inc.

ADDRESS 123 North Main, Attica, Kansas 67009

LEASE AND WELL NO. Attica Hospital #3 COUNTY Harper STATE Kansas Sec. 24 Twp. 32 Rge. 94

Mail Invoice To Same as above #1 Attica Hospital #3 No. Copies Requested 5

Co. Name Address

Mail Charts To Same as above No. Copies Requested 5

Address

Formation Test No. 1 Interval Tested From 3406 ft. to 3459 ft. Total Depth 3459 ft.

Packer Depth 3401 ft. Size 6 7/8 in. Packer Depth - ft. Size - in.

Packer Depth 3406 ft. Size 6 7/8 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3410 ft. Recorder Number 10266 Cap. 4775

Bottom Recorder Depth (Outside) 3413 ft. Recorder Number 6074 Cap. 5100

Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Gabbert-Jones Rig #6 Drill Collar Length 402 I. D. 2 1/4 in.

Mud Type Chemical Viscosity 46 Weight Pipe Length - I. D. - in.

Weight 9.4 Water Loss 11.6 cc. Drill Pipe Length 2983 I. D. 3.8 in.

Chlorides 17,000 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 in.

Jars: Make - Serial Number - Anchor Length 53 ft. Size 5 1/2 in.

Did Well Flow? Yes Reversed Out No Surface Choke Size 7/8 in. Bottom Choke Size 7/8 in.

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

Blow: Gas to surface in 2 min (See "gas sheet" attached sheet for gas measurements)

Recovered 190 ft. of Gas cut watery mud (Chlorides 41,000 ppm)

Recovered - ft. of

Recovered - ft. of

Recovered - ft. of

Recovered - ft. of

Remarks:

Time On Location 12:30 A.M. Time Pick Up Tool - A.M. Time Off Location - A.M.

Time Set Packer(s) 3:45 A.M. Time Started Off Bottom 5:45 A.M. Maximum Temperature 110

Initial Hydrostatic Pressure (A) 1614 P.S.I.

Initial Flow Period Minutes 30 (B) 428 P.S.I. to (C) 855 P.S.I.

Initial Closed In Period Minutes 45 (D) 1400 P.S.I.

Final Flow Period Minutes 15 (E) 867 P.S.I. to (F) 926 P.S.I.

Final Closed In Period Minutes 30 (G) 1424 P.S.I.

Final Hydrostatic Pressure (H) 1578 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. G. Scherling
Signature of Customer or his authorized representative

Western Representative Verner Wondra

FIELD INVOICE

Open Hole Test	\$ 600.00
Misrun	\$
Straddle Test	\$
Jars	\$
Selective Zone	\$
Safety Joint	\$
Standby	\$
Evaluation	\$
Extra Packer	\$
Circ. Sub.	\$
Mileage	\$
Fluid Sampler	\$
Extra Charts	\$



WICHITA, KANSAS 67201

Nº 2854

GAS FLOW REPORT

Date 8-16-82 Ticket 16032 Company Attica Gas' Venture Corp. Inc.
Well Name and No. Attica Hospital #3 Dst No. 1 Interval Tested 3406-3459
County Harper State Kansas Sec. 24 Twp. 32 Rg. 9

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 2 min.			PRE FLOW	
10min	16#	2" open flow	—	OK 2,930,000 CFPD
20min	25#	2" open flow	—	OK 3,780,000 CFPD
28min	26#	2" open flow	—	OK 3,880,000 CFPD

SECOND FLOW

Water to surface at 2nd opening.

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

WESTERN TESTING CO., INC.

Pressure Data

Date 8-16 Recorder No. 10266 Capacity 4775 Location 3410 Ft
 Clock No. --- Elevation 1460 Well Temperature 110 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1619</u> P.S.I.	<u>3:45</u> P	
B First Initial Flow Pressure	<u>440</u> P.S.I.		
C First Final Flow Pressure	<u>858</u> P.S.I.		
D Initial Closed-in Pressure	<u>1408</u> P.S.I.		
E Second Initial Flow Pressure	<u>877</u> P.S.I.		
F Second Final Flow Pressure	<u>929</u> P.S.I.		
G Final Closed-in Pressure	<u>1428</u> P.S.I.		
H Final Hydrostatic Mud	<u>1588</u> P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>15</u> Inc.		Breakdown: <u>3</u> Inc.		Breakdown: <u>10</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	<u>440</u>	0	<u>858</u>	0	<u>877</u>	0	<u>929</u>
P 2 5	<u>623</u>	3	<u>1360</u>	5	<u>877</u>	3	<u>1363</u>
P 3 10	<u>739</u>	6	<u>1375</u>	10	<u>915</u>	6	<u>1379</u>
P 4 15	<u>799</u>	9	<u>1384</u>	15	<u>929</u>	9	<u>1395</u>
P 5 20	<u>822</u>	12	<u>1389</u>	20		12	<u>1405</u>
P 6 25	<u>854</u>	15	<u>1393</u>	25		15	<u>1414</u>
P 7 30	<u>858</u>	18	<u>1396</u>	30		18	<u>1417</u>
P 8 35		21	<u>1398</u>	35		21	<u>1420</u>
P 9 40		24	<u>1400</u>	40		24	<u>1423</u>
P10 45		27	<u>1402</u>	45		27	<u>1426</u>
P11 50		30	<u>1404</u>	50		30	<u>1428</u>
P12 55		33	<u>1405</u>	55		33	
P13 60		36	<u>1406</u>	60		36	
P14		39	<u>1407</u>	65		39	
P15		42	<u>1408</u>	70		42	
P16		45	<u>1408</u>	75		45	
P17		48		80		48	
P18		51		85		51	
P19		54		90		54	
P20		57				57	
		60				60	

Company Attica Gas Ventures Corporation, Inc. Lease & Well No. #1 Attica Hospital #3
Elevation 1450 Ground Level Formation Stalnaker Effective Pay -- Ft. Ticket No. 16033
Date 8/ 17 /82 Sec. 24 Twp. 32S Range 9W County Harper State Kansas
Test Approved by Eldon J. Schierling Western Representative Vernon Wondra

Formation Test No. 2 Interval Tested from 3692 ft. to 3720 ft. Total Depth 3720 ft.

Packer Depth 3687 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Packer Depth 3692 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3709 ft. Recorder Number 10266 Cap. 4775

Bottom Recorder Depth (Outside) 3712 ft. Recorder Number 6074 Cap. 5100

Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Gabbert-Jones Drlg. Rig #6 Drill Collar Length 402 I. D. 2 1/4 in.

Mud Type chemical Viscosity 52 Weight Pipe Length - I. D. - in.

Weight 9.4 Water Loss 12 cc. Drill Pipe Length 3269 I. D. 3.8 in.

Chlorides 15,000 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 OD in.

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

Did Well Flow? Yes 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: Gas to surface in five minutes. See attached sheet for gas measurements.

Recovered 20 ft. of mud

Recovered - ft. of -

Recovered - ft. of -

Recovered - ft. of -

Recovered - ft. of -

Remarks: -

Time Set Packer(s) 3:05 A.M. P.M. Time Started Off Bottom 5:35 A.M. P.M. Maximum Temperature 109°

Initial Hydrostatic Pressure (A) 1857 P.S.I.

Initial Flow Period Minutes 30 (B) 83 P.S.I. to (C) 88 P.S.I.

Initial Closed In Period Minutes 42 (D) 1381 P.S.I.

Final Flow Period Minutes 30 (E) 74 P.S.I. to (F) 76 P.S.I.

Final Closed In Period Minutes 42 (G) 1390 P.S.I.

Final Hydrostatic Pressure (H) 1821 P.S.I.

GAS FLOW REPORT

Date 8/17/82 Ticket 16033 Company Attica Gas Venture Corporation, Inc.
 Well Name and No. #1 Attica Hospital #3 Dst No. 2 Interval Tested 3692'-3720'
 County Harper State Kansas Sec. 24 Twp. 32S Rg. 9W

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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Gas to surface in five minutes. PRE FLOW

10 min.	17" of water	1¼" orifice	181,000 CFPD		
20 min.	24" of water	1¼" orifice	215,000 CFPD		
25 min.	26" of water	1¼" orifice	224,000 CFPD		

SECOND FLOW

10 min.	36" of water	1¼" orifice	264,000 CFPD		
20 min.	38" of water	1¼" orifice	271,000 CFPD		
30 min.	40" of water	1¼" orifice	278,000 CFPD		

GAS BOTTLE

Serial No. --- Date Bottle Filled --- Date to be Invoiced 8/17/82

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 Attica Gas Ventures Corporation, Inc.

Authorized by Eldon J. Schierling

WESTERN TESTING CO., INC.

Pressure Data

Date 8/17/82 Test Ticket No. 16033
 Recorder No. 10266 Capacity 4775 Location 3709 Ft.
 Clock No. -- Elevation 1460 Ground Level Well Temperature 109 °F

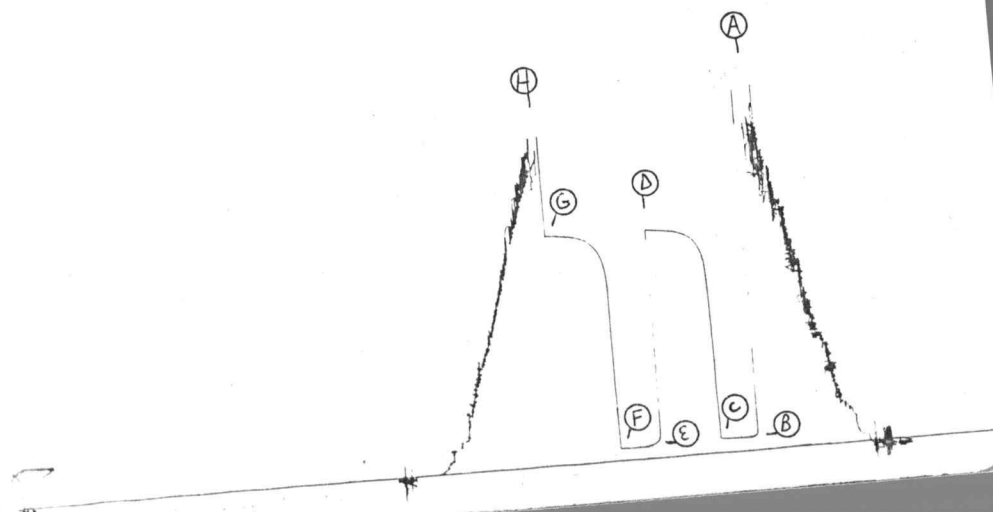
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1857</u> P.S.I.	Open Tool	<u>3:05P</u>	<u>M</u>
B First Initial Flow Pressure	<u>83</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>88</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins.	<u>42</u> Mins.
D Initial Closed-in Pressure	<u>1381</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>74</u> P.S.I.	Final Closed-in Pressure	<u>45</u> Mins.	<u>42</u> Mins.
F Second Final Flow Pressure	<u>76</u> P.S.I.			
G Final Closed-in Pressure	<u>1390</u> P.S.I.			
H Final Hydrostatic Mud	<u>1821</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>14</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>14</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>83</u>	<u>0</u>	<u>88</u>	<u>0</u>	<u>74</u>	<u>0</u>	<u>76</u>
P 2 <u>5</u>	<u>83</u>	<u>3</u>	<u>1231</u>	<u>5</u>	<u>74</u>	<u>3</u>	<u>1216</u>
P 3 <u>10</u>	<u>83</u>	<u>6</u>	<u>1279</u>	<u>10</u>	<u>74</u>	<u>6</u>	<u>1275</u>
P 4 <u>15</u>	<u>83</u>	<u>9</u>	<u>1310</u>	<u>15</u>	<u>74</u>	<u>9</u>	<u>1307</u>
P 5 <u>20</u>	<u>84</u>	<u>12</u>	<u>1331</u>	<u>20</u>	<u>74</u>	<u>12</u>	<u>1329</u>
P 6 <u>25</u>	<u>86</u>	<u>15</u>	<u>1344</u>	<u>25</u>	<u>75</u>	<u>15</u>	<u>1350</u>
P 7 <u>30</u>	<u>88</u>	<u>18</u>	<u>1352</u>	<u>30</u>	<u>76</u>	<u>18</u>	<u>1360</u>
P 8		<u>21</u>	<u>1360</u>			<u>21</u>	<u>1369</u>
P 9		<u>24</u>	<u>1364</u>			<u>24</u>	<u>1373</u>
P10		<u>27</u>	<u>1367</u>			<u>27</u>	<u>1377</u>
P11		<u>30</u>	<u>1370</u>			<u>30</u>	<u>1381</u>
P12		<u>33</u>	<u>1373</u>			<u>33</u>	<u>1384</u>
P13		<u>36</u>	<u>1376</u>			<u>36</u>	<u>1386</u>
P14		<u>39</u>	<u>1379</u>			<u>39</u>	<u>1388</u>
P15		<u>42</u>	<u>1381</u>			<u>42</u>	<u>1390</u>
P16							
P17							
P18							
P19							
P20							

TKT # 16033

II





WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No. 16033

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

Elevation 1460 G.L. Formation Stalmaker Eff. Pay — Ft.

District Great Bend Date 8-17-82 Customer Order No. —

COMPANY NAME Attica Gas Venture Corp. Inc.

ADDRESS 123 North Main, Attica, Kansas 67003

LEASE AND WELL NO. Attica Hospital #3 COUNTY Harper STATE Kansas Sec. 24 Twp. 32 Rge. 9W

Mail Invoice To Same as above #1 ATTICA HOSPITAL #3 No. Copies Requested 5

Co. Name Same as above Address Same as above

Mail Charts To Same as above No. Copies Requested 5

Formation Test No. 2 Interval Tested From 3692 ft. to 3720 ft. Total Depth 3720 ft.

Packer Depth 3687 ft. Size 6 7/8 in. Packer Depth — ft. Size — in.

Packer Depth 3692 ft. Size 6 7/8 in. Packer Depth — ft. Size — in.

Depth of Selective Zone Set —

Top Recorder Depth (Inside) 3709 ft. Recorder Number 10266 Cap. 4775

Bottom Recorder Depth (Outside) 3712 ft. Recorder Number 6074 Cap. 5100

Below Straddle Recorder Depth — ft. Recorder Number — Cap. —

Drilling Contractor Gabbert-Jones Rig #6 Drill Collar Length 402 I. D. 2 1/4 in.

Mud Type Chemical Viscosity 52 Weight Pipe Length — I. D. — in.

Weight 9.4 Water Loss 12 cc. Drill Pipe Length 3269 I. D. 3.8 in.

Chlorides 15,000 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 in.

Jars: Make — Serial Number — Anchor Length 28 ft. Size 5 1/2 in.

Did Well Flow? Yes Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/8 in.

Blow: Gas to surface in 5 min. (See "Gas sheet.") Main Hole Size 7 1/8 in. Tool Joint Size 4 1/2 FH in.

Recovered 20 ft. of Mud

Recovered — ft. of —

Recovered — ft. of —

Recovered — ft. of —

Remarks: —

RECEIVED
AUG 19 1982

Time On Location 12:15 A.M. Time Pick Up Tool — P.M. Time Off Location — A.M.

Time Set Packer(s) 3:05 P.M. Time Started Off Bottom 5:35 P.M. Maximum Temperature 109

Initial Hydrostatic Pressure — (A) 1852 P.S.I.

Initial Flow Period 30 Minutes (B) 83 P.S.I. to (C) 83 P.S.I.

Initial Closed In Period 45 Minutes (D) 1376 P.S.I.

Final Flow Period 30 Minutes (E) 83 P.S.I. to (F) 71 P.S.I.

Final Closed In Period 45 Minutes (G) 1376 P.S.I.

Final Hydrostatic Pressure — (H) 1852 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. Glen J. Schelling
Signature of Customer or his authorized representative

Western Representative Vernon Wondra

FIELD INVOICE

Open Hole Test \$ 600.00
Misrun \$ —
Straddle Test \$ —
Jars \$ —
Selective Zone \$ —
Safety Joint \$ —
Standby \$ —
Evaluation \$ —
Extra Packer \$ —
Circ. Sub. \$ —
Mileage \$ —
Fluid Sampler \$ —



GAS FLOW REPORT

Nº 2855

Date 8-17-82 Ticket 16033 Company Attica Gas Venture Corp. Inc.
 Well Name and No. Attica Hospital #3 Dst No. 2 Interval Tested 3692-3720
 County Harper State Kansas Sec. 24 Twp. 32 Rg. 9

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 5 min.					
10 min	19 H ₂ O	1 1/4"			181,000 CFPD
20 min	24 H ₂ O	"			215,000 CFPD
25 min	26 H ₂ O	"			224,000 CFPD

SECOND FLOW					
10 min	36 H ₂ O	1 1/4"			264,000 CFPD
20 min	38 H ₂ O	"			271,000 CFPD
30 min	40 H ₂ O	"			278,000 CFPD

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 _____

WESTERN TESTING CO., INC.

Pressure Data

Date 8-17 Recorder No. 10266 Capacity 4775 Test Ticket No. 16033
 Clock No. --- Elevation 1460 Location 3709 Ft. Well Temperature 109 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1857</u> P.S.I.	<u>3:05</u> P	<u>M</u>
B First Initial Flow Pressure	<u>83</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>88</u> P.S.I.	<u>45</u> Mins.	<u>42</u> Mins.
D Initial Closed-in Pressure	<u>1381</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>74</u> P.S.I.	<u>45</u> Mins.	<u>42</u> Mins.
F Second Final Flow Pressure	<u>76</u> P.S.I.		
G Final Closed-in Pressure	<u>1390</u> P.S.I.		
H Final Hydrostatic Mud	<u>1821</u> P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>14</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>14</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>83</u>	<u>0</u>	<u>88</u>	<u>0</u>	<u>74</u>	<u>0</u>	<u>76</u>
P 2 <u>5</u>	<u>5</u>	<u>3</u>	<u>1231</u>	<u>5</u>	<u>5</u>	<u>3</u>	<u>1216</u>
P 3 <u>10</u>	<u>5</u>	<u>6</u>	<u>1279</u>	<u>10</u>	<u>5</u>	<u>6</u>	<u>1275</u>
P 4 <u>15</u>	<u>83</u>	<u>9</u>	<u>1310</u>	<u>15</u>	<u>5</u>	<u>9</u>	<u>1307</u>
P 5 <u>20</u>	<u>84</u>	<u>12</u>	<u>1331</u>	<u>20</u>	<u>74</u>	<u>12</u>	<u>1329</u>
P 6 <u>25</u>	<u>86</u>	<u>15</u>	<u>1344</u>	<u>25</u>	<u>75</u>	<u>15</u>	<u>1350</u>
P 7 <u>30</u>	<u>88</u>	<u>18</u>	<u>1352</u>	<u>30</u>	<u>76</u>	<u>18</u>	<u>1360</u>
P 8 <u>35</u>		<u>21</u>	<u>1360</u>	<u>35</u>		<u>21</u>	<u>1369</u>
P 9 <u>40</u>		<u>24</u>	<u>1364</u>	<u>40</u>		<u>24</u>	<u>1373</u>
P10 <u>45</u>		<u>27</u>	<u>1367</u>	<u>45</u>		<u>27</u>	<u>1377</u>
P11 <u>50</u>		<u>30</u>	<u>1370</u>	<u>50</u>		<u>30</u>	<u>1381</u>
P12 <u>55</u>		<u>33</u>	<u>1373</u>	<u>55</u>		<u>33</u>	<u>1384</u>
P13 <u>60</u>		<u>36</u>	<u>1376</u>	<u>60</u>		<u>36</u>	<u>1386</u>
P14		<u>39</u>	<u>1379</u>	<u>65</u>		<u>39</u>	<u>1388</u>
P15		<u>42</u>	<u>1381</u>	<u>70</u>		<u>42</u>	<u>1390</u>
P16		<u>45</u>		<u>75</u>		<u>45</u>	
P17		<u>48</u>		<u>80</u>		<u>48</u>	
P18		<u>51</u>		<u>85</u>		<u>51</u>	
P19		<u>54</u>		<u>90</u>		<u>54</u>	
P20		<u>57</u>				<u>57</u>	
		<u>60</u>				<u>60</u>	

Company Attic Gas Vanture Corporation Lease & Well No. #1 Attica Hospital #3
Elevation 1465 Kelly Bushing Mississippi Effective Pay -- Ft. Ticket No. 16115
Date 8/20/82 Sec. 24 Twp. 32S Range 9W Country Harper State Kansas
Test Approved by Eldon J. Schierling Western Representative Rod Tritt

Formation Test No. 3 Interval Tested from 4416 ft. to 4435 ft. Total Depth 4435 ft.

Packer Depth 4411 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 4416 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4423 ft. Recorder Number 2606 Cap. 4150

Bottom Recorder Depth (Outside) 4426 ft. Recorder Number 4332 Cap. 4200

Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Gabbert- Jones Drlg. Rig #6 Drill Collar Length 402 I. D. - in.

Mud Type chemical Viscosity 46 Weight Pipe Length - I. D. - in.

Weight 9.5 Water Loss 13.2 cc. Drill Pipe Length 3986 I. D. 3.8 in.

Chlorides 14,000 P.P.M. Test Tool Length 28 ft. Tool Size 5 1/2 OD

Jars: Make WTC Serial Number 409 Anchor Length 19 ft. Size 5 1/2 OD

Did Well Flow? No Reversed Out --- 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: Strong blow on both the initial and final flow periods. Would not maintain two inch line.

Recovered 2500 ft. of gas in pipe

Recovered 180 ft. of heavy oil and gas cut watery mud

Recovered 240 ft. of oil and gas cut muddy water

Recovered 240 ft. of gassy water Chlorides 113,000 ppm

Recovered - ft. of -

Remarks: MISRUN

Time Set Packer(s) 8:10 A.M. ~~P.M.~~ = Time Started Off Bottom 10:40 A.M. ~~P.M.~~ = Maximum Temperature 132°
Initial Hydrostatic Pressure (A) 2221 P.S.I.
Initial Flow Period Minutes 25 (B) 97 P.S.I. to (C) 133 P.S.I.
Initial Closed In Period Minutes 45 (D) 1577 * P.S.I.
Final Flow Period Minutes 30 (E) 224 P.S.I. to (F) 226 P.S.I.
Final Closed In Period Minutes 45 (G) 311 * P.S.I.
Final Hydrostatic Pressure (H) 2221 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 8/20/82 Test Ticket No. 16115
 Recorder No. 2606 Capacity 4150 Location 4423 Ft.
 Clock No. -- Elevation 1465 Kelly Bushing Well Temperature 132 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2221	P.S.I.	8:10A	M
B First Initial Flow Pressure	97	P.S.I.	30	Mins. 25 Mins.
C First Final Flow Pressure	133	P.S.I.	45	Mins. 45 Mins.
D Initial Closed-in Pressure	1577 *	P.S.I.	30	Mins. 30 Mins.
E Second Initial Flow Pressure	224	P.S.I.	45	Mins. 45 Mins.
F Second Final Flow Pressure	226	P.S.I.		
G Final Closed-in Pressure	311 *	P.S.I.		
H Final Hydrostatic Mud	2221	P.S.I.		

* PRESSURES QUESTIONABLE DUE TO O-RING
 CUT OUT IN THE SHUT-IN TOOL, DURING
 SHUT-IN.

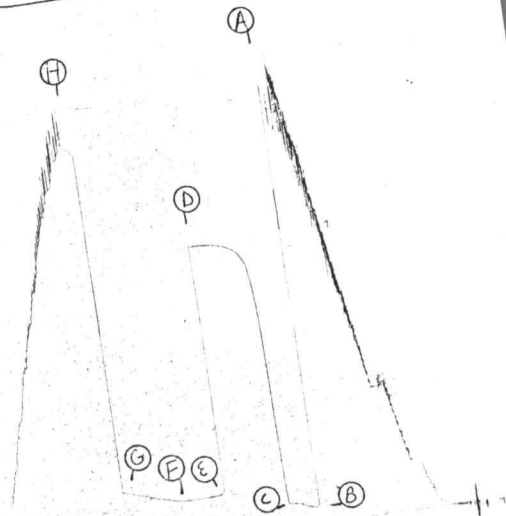
PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>5</u> Inc.		Breakdown: <u>15</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>15</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>97</u>	<u>0</u>	<u>133</u>	<u>0</u>	<u>224</u>	<u>0</u>	<u>226</u>
P 2 <u>5</u>	<u>99</u>	<u>3</u>	<u>1226*</u>	<u>5</u>	<u>224</u>	<u>3</u>	<u>228 *</u>
P 3 <u>10</u>	<u>112</u>	<u>6</u>	<u>1442*</u>	<u>10</u>	<u>224</u>	<u>6</u>	<u>233 *</u>
P 4 <u>15</u>	<u>125</u>	<u>9</u>	<u>1490*</u>	<u>15</u>	<u>224</u>	<u>9</u>	<u>238 *</u>
P 5 <u>20</u>	<u>131</u>	<u>12</u>	<u>1516*</u>	<u>20</u>	<u>224</u>	<u>12</u>	<u>244 *</u>
P 6 <u>25</u>	<u>133</u>	<u>15</u>	<u>1532*</u>	<u>25</u>	<u>224</u>	<u>15</u>	<u>250 *</u>
P 7 _____		<u>18</u>	<u>1544*</u>	<u>30</u>	<u>226</u>	<u>18</u>	<u>256 *</u>
P 8 _____		<u>21</u>	<u>1554*</u>			<u>21</u>	<u>262 *</u>
P 9 _____		<u>24</u>	<u>1561*</u>			<u>24</u>	<u>268 *</u>
P10 _____		<u>27</u>	<u>1566*</u>			<u>27</u>	<u>278 *</u>
P11 _____		<u>30</u>	<u>1570*</u>			<u>30</u>	<u>285 *</u>
P12 _____		<u>33</u>	<u>1572*</u>			<u>33</u>	<u>291 *</u>
P13 _____		<u>36</u>	<u>1574*</u>			<u>36</u>	<u>296 *</u>
P14 _____		<u>39</u>	<u>1575*</u>			<u>39</u>	<u>305 *</u>
P15 _____		<u>42</u>	<u>1576*</u>			<u>42</u>	<u>309 *</u>
P16 _____		<u>45</u>	<u>1577*</u>			<u>45</u>	<u>311 *</u>
P17 _____							
P18 _____							
P19 _____							
P20 _____							

2606 DSR #1

TKT # 16115

I





WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No 16115

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

Elevation 1465 LB Formation MISS Eff. Pay Ft.

District PRATT Date 8-20-82 Customer Order No.

COMPANY NAME Attica Gas Venture Corporation

ADDRESS 123 N. Main Attica Ks. 67009

LEASE AND WELL NO. 3 Hospital COUNTY HARPER STATE Kansas Sec. 24 Twp 32S Rge. 7W

Mail Invoice To #1 Attica Hospital #3 Co. Name Address No. Copies Requested 10

Mail Charts To Same Address No. Copies Requested 10

Formation Test No. 3 Interval Tested From 4416 ft. to 4435 ft. Total Depth 4435 ft.

Packer Depth 4411 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 4416 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4423 ft. Recorder Number 2606 Cap. 4150

Bottom Recorder Depth (Outside) 4426 ft. Recorder Number 4332 Cap. 4200

Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Gabbert & Jones Rig 6 Drill Collar Length 402 I. D. - in.

Mud Type Clay-Starch Viscosity 46 Weight Pipe Length - I. D. - in.

Weight 9.5 Water Loss 13.2 cc. Drill Pipe Length 3984 I. D. 3.8 in.

Chlorides 14,000 P.P.M. Test Tool Length 28 ft. Tool Size 5/200 in.

Jars: Make WTC Serial Number 409 Anchor Length 19 ft. Size 5/200 in.

Did Well Flow? NO Reversed Out 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 in.

Blow: Strong blow on both the initial & final flow periods would not maintain 2" line

Recovered 2500 ft. of gas in pipe

Recovered 180 ft. of Heavy oil & gas with water mud

Recovered 240 ft. of oil & gas with muddy water

Recovered 240 ft. of sandy water 115,000 P.P.M.

Remarks:

Time On Location 5:00 A.M. Time Pick Up Tool 7:00 A.M. Time Off Location 1:30 P.M.

Time Set Packer(s) 8:10 A.M. Time Started Off Bottom 10:40 A.M. Maximum Temperature 132°F

Initial Hydrostatic Pressure (A) 2397 P.S.I.

Initial Flow Period Minutes 30 (B) 104 P.S.I. to (C) 135 P.S.I.

Initial Closed In Period Minutes 45 (D) 1558 P.S.I.

Final Flow Period Minutes 30 (E) 208 P.S.I. to (F) 208 P.S.I.

Final Closed In Period Minutes 45 (G) 312 P.S.I.

Final Hydrostatic Pressure (H) 2292 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. Scherling Signature of Customer or his authorized representative

Western Representative Ted Lott Thank you

FIELD INVOICE

Open Hole Test \$400.00
Mud Logging \$300.00
Straddle Test \$65.00
Jars \$
Selective Zone \$
Safety Joint \$
Standby \$
Evaluation \$
Extra Packer \$
Circ. Sub. \$
Mileage \$
Fluid Sampler \$

WESTERN TESTING CO., INC.

Pressure Data

Date 8-20 Recorder No. 2606 Capacity 4150 Test Ticket No. 16115
 Clock No. --- Elevation 1465 KB Location 4423 Ft. Well Temperature 132 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2221</u> P.S.I.	<u>8:10 A</u> M	
B First Initial Flow Pressure	<u>97</u> P.S.I.	<u>30</u> Mins.	<u>25</u> Mins.
C First Final Flow Pressure	<u>133</u> P.S.I.	<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>1577 *</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>224</u> P.S.I.	<u>45</u> Mins.	<u>45</u> Mins.
F Second Final Flow Pressure	<u>226</u> P.S.I.		
G Final Closed-in Pressure	<u>311 *</u> P.S.I.		
H Final Hydrostatic Mud	<u>2221</u> P.S.I.		

* Pressures questionable due to 0-Ring cut out in the shut-in tool, during shut-ins.

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>5</u> Inc.		Breakdown: <u>15</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>15</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>97</u>	<u>0</u>	<u>133</u>	<u>0</u>	<u>224</u>	<u>0</u>	<u>226</u>
P 2 <u>5</u>	<u>99</u>	<u>3</u>	<u>1226 *</u>	<u>5</u>		<u>3</u>	<u>228 *</u>
P 3 <u>10</u>	<u>112</u>	<u>6</u>	<u>1442 *</u>	<u>10</u>		<u>6</u>	<u>233 *</u>
P 4 <u>15</u>	<u>125</u>	<u>9</u>	<u>1490 *</u>	<u>15</u>		<u>9</u>	<u>238 *</u>
P 5 <u>20</u>	<u>131</u>	<u>12</u>	<u>1516 *</u>	<u>20</u>		<u>12</u>	<u>244 *</u>
P 6 <u>25</u>	<u>133</u>	<u>15</u>	<u>1532 *</u>	<u>25</u>	<u>224</u>	<u>15</u>	<u>250 *</u>
P 7 <u>30</u>		<u>18</u>	<u>1544 *</u>	<u>30</u>	<u>226</u>	<u>18</u>	<u>256 *</u>
P 8 <u>35</u>		<u>21</u>	<u>1554 *</u>	<u>35</u>		<u>21</u>	<u>262 *</u>
P 9 <u>40</u>		<u>24</u>	<u>1561 *</u>	<u>40</u>		<u>24</u>	<u>268 *</u>
P10 <u>45</u>		<u>27</u>	<u>1566 *</u>	<u>45</u>		<u>27</u>	<u>278 *</u>
P11 <u>50</u>		<u>30</u>	<u>1570 *</u>	<u>50</u>		<u>30</u>	<u>285 *</u>
P12 <u>55</u>		<u>33</u>	<u>1572 *</u>	<u>55</u>		<u>33</u>	<u>291 *</u>
P13 <u>60</u>		<u>36</u>	<u>1574 *</u>	<u>60</u>		<u>36</u>	<u>296 *</u>
P14		<u>39</u>	<u>1575 *</u>	<u>65</u>		<u>39</u>	<u>305 *</u>
P15		<u>42</u>	<u>1576 *</u>	<u>70</u>		<u>42</u>	<u>309 *</u>
P16		<u>45</u>	<u>1577 *</u>	<u>75</u>		<u>45</u>	<u>311 *</u>
P17		<u>48</u>		<u>80</u>		<u>48</u>	
P18		<u>51</u>		<u>85</u>		<u>51</u>	
P19		<u>54</u>		<u>90</u>		<u>54</u>	
P20		<u>57</u>				<u>57</u>	
		<u>60</u>				<u>60</u>	

Company Attic Gas Vanture Corporation Lease & Well No. #1 Attica Hospital #3
Elevation 1465 Kelly Bushing Simpson Sand Formation Simpson Sand Effective Pay -- Ft. Ticket No. 16116
Date 8/ 21/82 Sec. 24 Twp. 32S Range 9W County Harper State Kansas
Test Approved by Eldon J. Schierling Western Representative Rod Tritt
Formation Test No. 4 Interval Tested from 4816 ft. to 4824 ft. Total Depth 4824 ft.
Packer Depth 4811 ft. Size 6/4 in. Packer Depth - ft. Size - in.
Packer Depth 4816 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 4817 ft. Recorder Number 2606 Cap. 4150
Bottom Recorder Depth (Outside) 4820 ft. Recorder Number 4332 Cap. 4200
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor Gabbert- Jones Drlg. Rig #6 Drill Collar Length 402 I. D. 2 1/4 in.
Mud Type chemical-starch Viscosity 54 Weight Pipe Length --- I. D. --- in.
Weight 9.5 Water Loss 12.4 cc. Drill Pipe Length 4386 I. D. 3.8 in.
Chlorides 15,000 P.P.M. Test Tool Length 28 ft. Tool Size 5 1/2 OD
Jars: Make WTC Serial Number 409 Anchor Length 8 ft. Size 5 1/2 OD
Did Well Flow? No Reversed Out Yes Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 FH

Blow: Strong blow throughout test. No gas to surface

Recovered 3000 ft. of water Chlorides 84,000 ppm

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s)	<u>2:15</u>	<u>A.M.</u>	Time Started Off Bottom	<u>4:15</u>	<u>P.M.</u>	Maximum Temperature	<u>135°</u>
Initial Hydrostatic Pressure			(A)	<u>2590</u>	P.S.I.		
Initial Flow Period			Minutes	<u>30</u>	(B)	<u>753</u>	P.S.I. to (C) <u>1075</u> P.S.I.
Initial Closed In Period			Minutes	<u>30</u>	(D)	<u>1805</u>	P.S.I.
Final Flow Period			Minutes	<u>30</u>	(E)	<u>1033</u>	P.S.I. to (F) <u>1377</u> P.S.I.
Final Closed In Period			Minutes	<u>39</u>	(G)	<u>1810</u>	P.S.I.
Final Hydrostatic Pressure			(H)	<u>2475</u>	P.S.I.		

WESTERN TESTING CO., INC.

Pressure Data

Date 8/21/82 Test Ticket No. 16116
 Recorder No. 2606 Capacity 4150 Location 4817 Ft.
 Clock No. -- Elevation 1465 Kelly Bushing Well Temperature 135 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2590 P.S.I.	Open Tool	2:15A M	
B First Initial Flow Pressure	753 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	1075 P.S.I.	Initial Closed-in Pressure	30 Mins.	30 Mins.
D Initial Closed-in Pressure	1805 P.S.I.	Second Flow Pressure	30 Mins.	30 Mins.
E Second Initial Flow Pressure	1033 P.S.I.	Final Closed-in Pressure	30 Mins.	39 Mins.
F Second Final Flow Pressure	1377 P.S.I.			
G Final Closed-in Pressure	1810 P.S.I.			
H Final Hydrostatic Mud	2475 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
 Breakdown: 6 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Initial Shut-In
 Breakdown: 10 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Second Flow Pressure
 Breakdown: 6 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

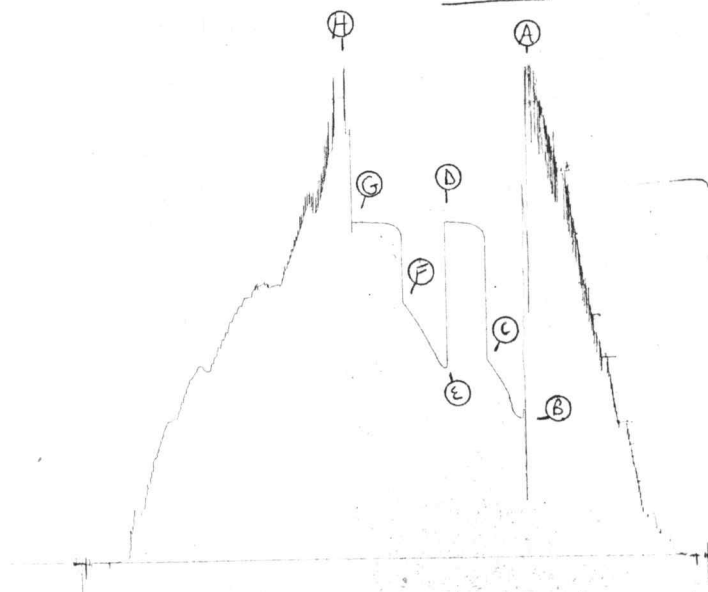
Final Shut-In
 Breakdown: 13 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>753</u>	<u>0</u>	<u>1075</u>	<u>0</u>	<u>1033</u>	<u>0</u>	<u>1377</u>
P 2 <u>5</u>	<u>753</u>	<u>3</u>	<u>1756</u>	<u>5</u>	<u>1060</u>	<u>3</u>	<u>1749</u>
P 3 <u>10</u>	<u>771</u>	<u>6</u>	<u>1773</u>	<u>10</u>	<u>1130</u>	<u>6</u>	<u>1781</u>
P 4 <u>15</u>	<u>890</u>	<u>9</u>	<u>1786</u>	<u>15</u>	<u>1197</u>	<u>9</u>	<u>1793</u>
P 5 <u>20</u>	<u>962</u>	<u>12</u>	<u>1794</u>	<u>20</u>	<u>1258</u>	<u>12</u>	<u>1799</u>
P 6 <u>25</u>	<u>1021</u>	<u>15</u>	<u>1798</u>	<u>25</u>	<u>1313</u>	<u>15</u>	<u>1802</u>
P 7 <u>30</u>	<u>1075</u>	<u>18</u>	<u>1800</u>	<u>30</u>	<u>1377</u>	<u>18</u>	<u>1804</u>
P 8		<u>21</u>	<u>1802</u>			<u>21</u>	<u>1806</u>
P 9		<u>24</u>	<u>1803</u>			<u>24</u>	<u>1807</u>
P10		<u>27</u>	<u>1804</u>			<u>27</u>	<u>1808</u>
P11		<u>30</u>	<u>1805</u>			<u>30</u>	<u>1809</u>
P12						<u>33</u>	<u>1810</u>
P13						<u>36</u>	<u>1810</u>
P14						<u>39</u>	<u>1810</u>
P15							
P16							
P17							
P18							
P19							
P20							

2606 DST#4

TRT # 16116

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

WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No 16116

Elevation 1465 NB Formation Simpson Sand Eff. Pay Ft.

District Rock Date 8-21-82 Customer Order No.
COMPANY NAME Attica Gas Venture Corporation
ADDRESS 123 N. Main Attica Kansas 67009
LEASE AND WELL NO 3 Attica Hospital COUNTY Happer STATE Kansas Sec. 24 Twp 32 S Rge 9 W
Mail Invoice To #1 ATTICA HOSPITAL #33 Ave No. Copies Requested Reg
Co. Name Address
Mail Charts To Same No. Copies Requested Reg
Address

Formation Test No. 4 Interval Tested From 4816 ft. to 4824 ft. Total Depth 4824 ft.
Packer Depth 4811 ft. Size 6 3/4 in. 4816 Packer Depth ft. Size in.
Packer Depth 4816 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Depth of Selective Zone Set

Top Recorder Depth (Inside) 4817 ft. Recorder Number 2606 Cap. 4150
Bottom Recorder Depth (Outside) 4820 ft. Recorder Number 4332 Cap. 4200
Below Straddle Recorder Depth ft. Recorder Number Cap.
Drilling Contractor Gabbert + Jones Rig 6 Drill Collar Length 402 I. D. 2 1/4 in.
Mud Type Cheng Starch Viscosity 54 Weight Pipe Length I. D. in.
Weight 7.5 Water Loss 12.4 cc. Drill Pipe Length 4386 I. D. 3.8 in.
Chlorides 15,000 P.P.M. Test Tool Length 28 ft. Tool Size 5 1/2 OD in.
Jars: Make WTC Serial Number 409 Anchor Length 8 ft. Size 5 1/2 OD in.
Did Well Flow? NO Reversed Out yes Surface Choke Size 3 1/4 in. Bottom Choke Size 3 1/4 in.
Main Hole Size 7 1/8 in. Tool Joint Size 4 1/2 TH in.

Blow: Strong blow through ank test - No gas to surface

Recovered 3000 ft. of water chlorides 84,000 P.P.M.
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of
Remarks:

RECEIVED
AUG 23 1982

Time On Location 10:00 A.M. Time Pick Up Tool 12:00 P.M. Time Off Location 8:30 P.M.
Time Set Packer(s) 2:15 A.M. Time Started Off Bottom 4:15 P.M. Maximum Temperature 135° F
Initial Hydrostatic Pressure 2407 P.S.I.
Initial Flow Period 30 Minutes (B) 312 P.S.I. to (C) 1039 P.S.I.
Initial Closed In Period 30 Minutes (D) 1800 P.S.I.
Final Flow Period 30 Minutes (E) 1039 P.S.I. to (F) 1381 P.S.I.
Final Closed In Period 30 Minutes (G) 1800 P.S.I.
Final Hydrostatic Pressure 2481 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. Schirley
Signature of Customer or his authorized representative

Western Representative Red Little Thank you

FIELD INVOICE

Open Hole Test 675'
Misrun \$
Straddle Test \$
Jars 300'
Selective Zone \$
Safety Joint 65'
Standby \$
Evaluation \$
Extra Packer \$
Circ. Sub. 35'
Mileage \$
Fluid Sampler \$

WESTERN TESTING CO., INC.

Pressure Data

Date: 8-21 Recorder No. 2606 Capacity 4150 Location 4817 Ft.
 Clock No. --- Elevation 1465 KB Well Temperature 135 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2590</u> P.S.I.	<u>2:15</u> A.M.	
B First Initial Flow Pressure	<u>753</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>1075</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>1805</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>1033</u> P.S.I.	<u>30</u> Mins.	<u>39</u> Mins.
F Second Final Flow Pressure	<u>1377</u> P.S.I.		
G Final Closed-in Pressure	<u>1810</u> P.S.I.		
H Final Hydrostatic Mud	<u>2475</u> P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>13</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>753</u>	<u>0</u>	<u>1075</u>	<u>0</u>	<u>1033</u>	<u>0</u>	<u>1377</u>
P 2 <u>5</u>	<u>753</u>	<u>3</u>	<u>1756</u>	<u>5</u>	<u>1060</u>	<u>3</u>	<u>1749</u>
P 3 <u>10</u>	<u>771</u>	<u>6</u>	<u>1773</u>	<u>10</u>	<u>1130</u>	<u>6</u>	<u>1781</u>
P 4 <u>15</u>	<u>890</u>	<u>9</u>	<u>1786</u>	<u>15</u>	<u>1197</u>	<u>9</u>	<u>1793</u>
P 5 <u>20</u>	<u>962</u>	<u>12</u>	<u>1794</u>	<u>20</u>	<u>1258</u>	<u>12</u>	<u>1799</u>
P 6 <u>25</u>	<u>1021</u>	<u>15</u>	<u>1798</u>	<u>25</u>	<u>1313</u>	<u>15</u>	<u>1802</u>
P 7 <u>30</u>	<u>1075</u>	<u>18</u>	<u>1800</u>	<u>30</u>	<u>1377</u>	<u>18</u>	<u>1804</u>
P 8 <u>35</u>		<u>21</u>	<u>1802</u>	<u>35</u>		<u>21</u>	<u>1806</u>
P 9 <u>40</u>		<u>24</u>	<u>1803</u>	<u>40</u>		<u>24</u>	<u>1807</u>
P10 <u>45</u>		<u>27</u>	<u>1804</u>	<u>45</u>		<u>27</u>	<u>1808</u>
P11 <u>50</u>		<u>30</u>	<u>1805</u>	<u>50</u>		<u>30</u>	<u>1809</u>
P12 <u>55</u>		<u>33</u>		<u>55</u>		<u>33</u>	<u>1810</u>
P13 <u>60</u>		<u>36</u>		<u>60</u>		<u>36</u>	<u>1810</u>
P14		<u>39</u>		<u>65</u>		<u>39</u>	<u>1810</u>
P15		<u>42</u>		<u>70</u>		<u>42</u>	
P16		<u>45</u>		<u>75</u>		<u>45</u>	
P17		<u>48</u>		<u>80</u>		<u>48</u>	
P18		<u>51</u>		<u>85</u>		<u>51</u>	
P19		<u>54</u>		<u>90</u>		<u>54</u>	
P20		<u>57</u>				<u>57</u>	
		<u>60</u>				<u>60</u>	