

TRILOBITE TESTING L.L.C.

OPERATOR : American Warrior Inc.

DATE 07-11-000

WELL NAME: Gillet #2

KB 1951.00 ft TICKET NO: 12870 DST #1

LOCATION : 34-32s-19w Comanche co KS

GR 1938.00 ft FORMATION: Pawnee/Ft.Scott

INTERVAL : 4965.00 To 5025.00 ft

TD 5025.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	10248	10248	2342			PF Fr. 1820 to 1850 hr
SI 60	Range(Psi)	4400.0	4400.0	4995.0	0.0	0.0	IS Fr. 1850 to 1950 hr
SF 45	Clock(hrs)	12 hr	12 hr	batt.			SF Fr. 1950 to 2035 hr
FS 90	Depth(ft)	5022.0	5022.0	4974.0	0.0	0.0	FS Fr. 2035 to 2205 hr

	Field	1	2	3	4	
A. Init Hydro	2459.0	2469.0	2439.0	0.0	0.0	T STARTED 1609 hr
B. First Flow	89.0	88.0	66.0	0.0	0.0	T ON BOTM 1815 hr
B1. Final Flow	98.0	95.0	82.0	0.0	0.0	T OPEN 1820 hr
C. In Shut-in	1743.0	1745.0	1738.0	0.0	0.0	T PULLED 2206 hr
D. Init Flow	89.0	92.0	71.0	0.0	0.0	T OUT 0030 hr
E. Final Flow	94.0	97.0	83.0	0.0	0.0	
F. Fl Shut-in	1716.0	1718.0	1718.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2371.0	2421.0	2322.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	O	O	I	T		Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 98000.00 lbs
						Initial Str Wt 74000.00 lbs
						Unseated Str Wt 76000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 240.00 ft
						D.P. Length 4718.00 ft

RECOVERY

Tot Fluid 210.00 ft of 210.00 ft in DC and 0.00 ft in DP
 0.00 ft of Gas in all fluid free pipe.
 210.00 ft of Drilling mud
 0.00 ft of 100% mud
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of Rw n.c. ohms @ degrees F.
 0.00 ft of EST.FT. of PAY-----7

SALINITY 9000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:

Strong blow. Gas to surface in 9 minutes. (see gas volume report)

Initial Shut-In:

No blow.

Final Flow:

Strong blow. (see gas volume report)

Final Shut-In:

Weak blow.

SAMPLES: Gas sample

SENT TO:Caraway/Liberal

MUD DATA-----

Mud Type	Chemical
Weight	9.20 lb/c
Vis.	46.00 S/L
W.L.	11.20 in3
F.C.	0.20 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	133.00 F
Hole Condition	good
% Porosity	12.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00 N
Cushion Type	None
Reversed Out N	
Tool Chased N	
Tester	Gary Pevoteaux
Co. Rep.	Al Downing
Contr.	Duke Drlg.
Rig #	7
Unit #	
Pump T.	LCM 0 #/bl

Test Successful: Y

GAS RECOVERY

COMPANY: American Warrior Inc.

DATE: 07-11-000

WELL NAME: Gillet #2

KB Elev: 1951.00 ft TICKET #12870 DST #1

WELL LOCATION: 34-32s-19w Comanche co KS

GR Elev: 1938.00 ft FORMATION: Pawnee/Ft.Scott

INTERVAL Fr.: 4965.00 To 5025.00 T.D.: 5025.00 ft TEST TYPE: CONVENTIONAL

GAS RECOVERY MEASURED WITH Adjusting Choke

***** GAS RATES FOR FLOW #1

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
10	0.50	5	0	123000.0
20	0.50	7	0	135000.0
30	0.50	10	0	154000.0

***** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
10	0.50	18	0	204000.0
20	0.50	14	0	179000.0
30	0.50	13	0	173000.0
40	0.50	13	0	173000.0

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Gillet #2

LOCATION : 34-32s-19w Comanche co KS

TICKET No. 12870 D.S.T. No. 1 DATE 07-11-000

TOTAL TOOL TO BOTTOM OF TOP PACKERS 27

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 30

TOTAL TOOL 57

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single 1 Total 30

TOTAL ASSEMBLY 87

D.C. ABOVE TOOLS.Stands4 Single Total 240

D.P. ABOVE TOOLS.Stands76 Single Total 4718

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5045

TOTAL DEPTH 5025

TOTAL DRILL PIPE ABOVE K.B. 20

REMARKS:

Comments:

FLUID SAMPLER DATA (not run)

GAS-----		cubic ft
OIL-----		ML.
MUD-----		ML.
WATER-----		ML.
OTHER-----		
PRESSURE-----		PSI
Rw -----	ohms @	deg. F.
CHLORIDES-----		ppm.
GRAVITY-----		deg.API

P.O. SUB	
C.O. SUB @ top of tool	4938
S.I. TOOL Sterling	4944
HMV Sterling	4949
JARS bowen	4954
SAFETY JOINT bowen	4956
PACKER Top	4960
PACKER Btm.	4965
DEPTH 1 ft.	4965 4966
ANCHOR	
3'perfs & sub to	4969
Alpine rec. @ 4974	
1 jt. pipe to	4999
21' perfs & sub to	5020
AK-1 rec. @	5022
BULLNOSE 5 ft. perforated	5025
T.D.	

TEST HISTORY

12870 DST#1 GILLET #2 AMERICAN WARRIOR INC.

Flag Points
t(Min.) P(PSig)

A:	0.00	2438.60
B:	0.00	66.29
C:	28.00	81.74
D:	59.00	1737.97
E:	0.00	71.16
F:	42.50	83.14
G:	91.00	1717.83
Q:	0.00	2332.09

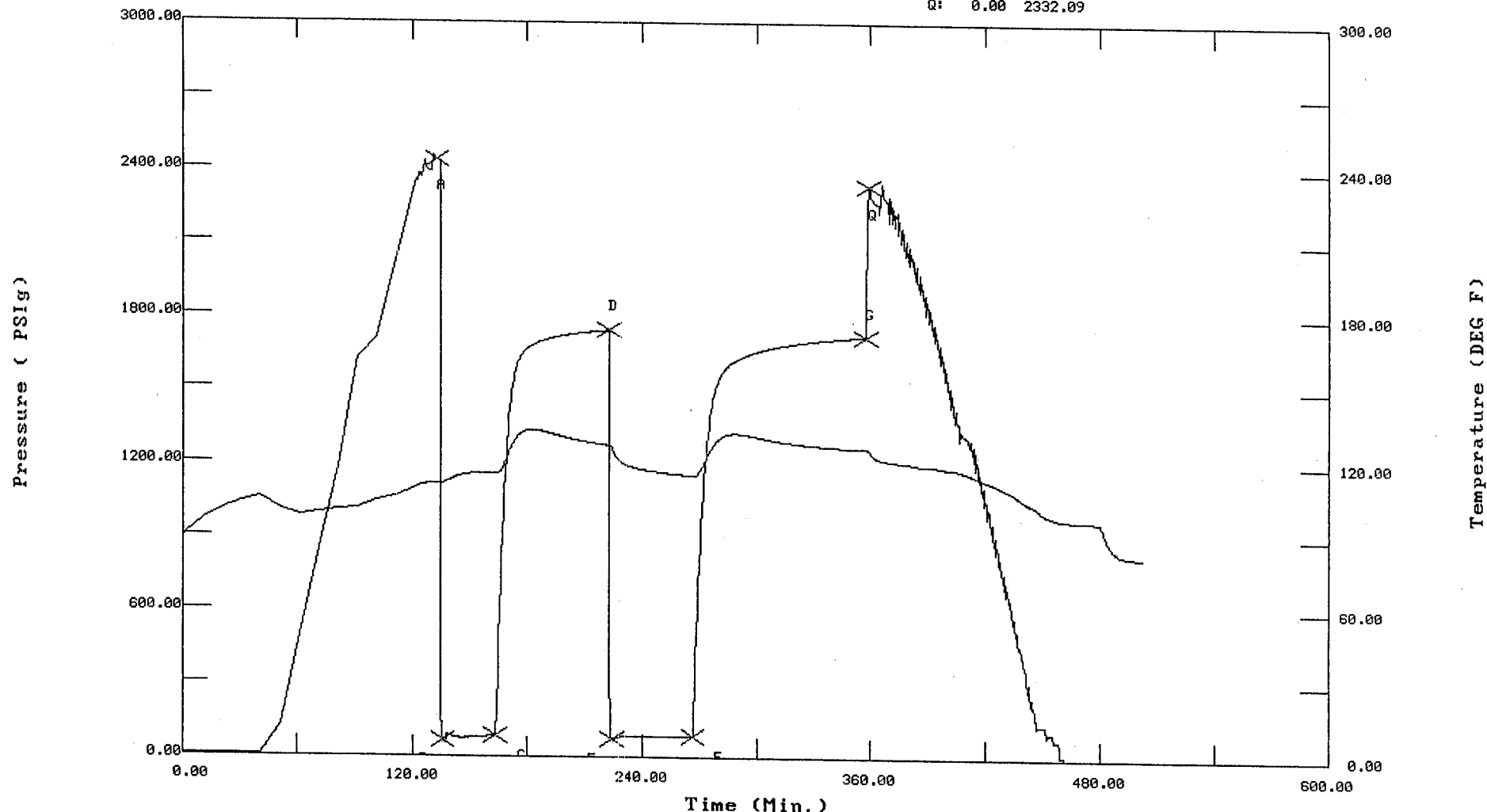
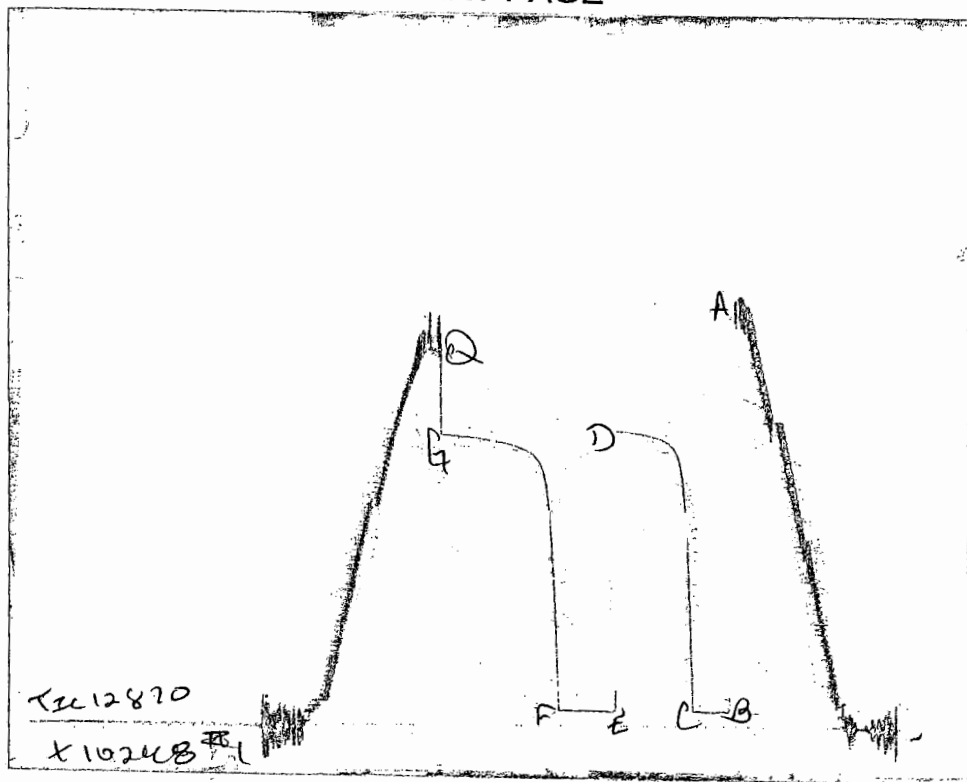


CHART PAGE



This is a photocopy of the actual AK-1 recorder chart

**TRILOBITE
TESTING L.L.C.**

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

GAS VOLUME REPORT

American Warrior Inc.

Gillet #2

OPERATOR

WELL NAME AND NO.

DST NO.

Initial Open

Final Open

[illegible]

Remarks:

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Nº 12870

Well Name & No.	<u>Gillett #2</u>	Test No.	<u>1</u>	Date	<u>7-11-2000</u>
Company	<u>American Warrior Inc.</u>	Zone Tested	<u>Panhandle / Ft. Scott</u>		
Address	<u>P.O. Box 399, Garden City, KS 67846</u>	Elevation	<u>1951</u>	KB	<u>1938GL</u>
Co. Rep / Geo.	<u>Al Downing</u>	Cont.	<u>Duke Dwyer #7</u>	Est. Ft. of Pay	<u>7</u> Por. <u> </u> %
Location: Sec.	<u>34</u>	Twp.	<u>32S</u>	Rge.	<u>19W</u> Co. <u>Comanche</u> State <u>KS</u>
No. of Copies	<u>5</u>	Distribution Sheet (Y, N)	<u>N</u>	Turnkey (Y, N)	<u> </u> Evaluation (Y, N) <u> </u>

Interval Tested	<u>4965 - 5025'</u>	Initial Str Wt./Lbs.	<u>74,000</u>	Unseated Str Wt./Lbs.	<u>76,000</u>
Anchor Length	<u>60'</u>	Wt. Set Lbs.	<u>20,000</u>	Wt. Pulled Loose/Lbs.	<u>98,000</u>
Top Packer Depth	<u>4960'</u>	Tool Weight	<u>2100#</u>		
Bottom Packer Depth	<u>4965'</u>	Hole Size — 7 7/8"	<u>✓</u>	Rubber Size — 6 3/4"	<u>✓</u>
Total Depth	<u>5025'</u>	Wt. Pipe Run	<u>None</u>	Drill Collar Run	<u>240'</u>
Mud Wt.	<u>9.2 LCM</u>	Vis.	<u>46</u>	WL	<u>11.2cc</u>
Blow Description	<u>IF: Strong blow. ATS in 9 mins. (see gas volume report) IST: No blow.</u>				
	<u>FF: Strong blow. (see gas volume report)</u>				
	<u>FSI: Weak blow.</u>				

Recovery — Total Feet	<u>210</u>	GIP	<u>yes</u>	Ft. in DC	<u>210</u>	Ft. in DP	<u>0</u>
Rec.	<u>210</u>	Feet Of	<u>Dwg. Mud.</u>	%gas	%oil	%water	%mud
Rec.		Feet Of		%gas	%oil	%water	%mud
Rec.		Feet Of		%gas	%oil	%water	%mud
Rec.		Feet Of		%gas	%oil	%water	%mud
Rec.		Feet Of		%gas	%oil	%water	%mud
BHT	<u>133</u>	°F Gravity	<u>N/A</u>	°API D@	<u> </u>	°F Corrected Gravity	<u>N/A</u>
RW	<u>N.C. @</u>	°F Chlorides	<u>9,000</u>	ppm Recovery	<u> </u>	Chlorides	<u>9,000</u> ppm System

(A) Initial Hydrostatic Mud	<u>AK-1 2459</u>	<u>Alpine 2439</u>	PSI	Recorder No.	<u>2342</u>	T-On Location	<u>1440</u>
(B) First Initial Flow Pressure	<u>89</u>	<u>66</u>	PSI	(depth)	<u>4974'</u>	T-Started	<u>1609</u>
(C) First Final Flow Pressure	<u>98</u>	<u>82</u>	PSI	Recorder No.	<u>10248</u>	T-Open	<u>1820</u>
(D) Initial Shut-In Pressure	<u>1743</u>	<u>1738</u>	PSI	(depth)	<u>5022'</u>	T-Pulled	<u>2206</u>
(E) Second Initial Flow Pressure	<u>89</u>	<u>71</u>	PSI	Recorder No.	<u> </u>	T-Out	<u>0030</u>
(F) Second Final Flow Pressure	<u>94</u>	<u>83</u>	PSI	(depth)	<u> </u>	T-Off Location	<u>0115</u>
(G) Final Shut-in Pressure	<u>1716</u>	<u>1718</u>	PSI	Initial Opening	<u>30</u>	Test	<u>✓ 800⁰⁰</u>
(Q) Final Hydrostatic Mud	<u>2371</u>	<u>2332</u>	PSI	Initial Shut-in	<u>60</u>	Jars	<u>✓ 200⁰⁰</u>
				Final Flow	<u>45</u>	Safety Joint	<u>✓ 50⁰⁰</u>
				Final Shut-in	<u>90</u>	Straddle	<u> </u>
					<u>4</u>	Circ. Sub	<u> </u>
					<u>1</u>	Sampler	<u> </u>

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By

Our Representative

Extra Packer
Elec. Rec. ✓ 150⁰⁰
Mileage
Other
TOTAL PRICE \$ ✓ 1200⁰⁰

TRILOBITE TESTING L.L.C.

OPERATOR : American Warrior Inc.

DATE 07-12-000

WELL NAME: Gillet #2

KB 1951.00 ft

TICKET NO: 12871 DST #2

LOCATION : 34-32s-19w Comanche co KS

GR 1938.00 ft

FORMATION: Mississippi

INTERVAL : 5052.00 To 5170.00 ft

TD 5170.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	10248	10248	2342			PF Fr. 2120 to 2150 hr
SI 60	Range(Psi)	4400.0	4400.0	4995.0	0.0	0.0	IS Fr. 2150 to 2250 hr
SF 30	Clock(hrs)	12 hr	12 hr	batt.			SF Fr. 2250 to 2320 hr
FS 60	Depth(ft)	5167.0	5167.0	5060.0	0.0	0.0	FS Fr. 2320 to 0020 hr

	Field	1	2	3	4	
A. Init Hydro	2492.0	2447.0	2429.0	0.0	0.0	T STARTED 1845 hr
B. First Flow	123.0	141.0	119.0	0.0	0.0	T ON BOTM 2115 hr
B1. Final Flow	112.0	129.0	91.0	0.0	0.0	T OPEN 2120 hr
C. In Shut-in	1139.0	1135.0	1112.0	0.0	0.0	T PULLED 0020 hr
D. Init Flow	110.0	100.0	64.0	0.0	0.0	T OUT 0245 hr
E. Final Flow	116.0	119.0	76.0	0.0	0.0	
F. Fl Shut-in	968.0	964.0	937.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2437.0	2384.0	2382.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	O	O	I	T		Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 133000.00 lbs
						Initial Str Wt 80000.00 lbs
						Unseated Str Wt 80000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 300.00 ft
						D.P. Length 4746.00 ft

RECOVERY

Tot Fluid	210.00 ft of	210.00 ft in DC and	0.00 ft in DP
0.00	ft of Gas in all fluid free pipe.		
210.00	ft of Drilling mud		
0.00	ft of		
0.00	ft of		
0.00	ft of		
0.00	ft of		
0.00	ft of Rw n.c. ohms @	degrees F.	
0.00	ft of EST.FT. of PAY-----	18	
SALINITY	9000.00 P.P.M.	A.P.I. Gravity	0.00

MUD DATA-----

Mud Type	Chemical
Weight	9.20 lb/c
Vis.	53.00 S/L
W.L.	11.20 in3
F.C.	0.20 in
Mud Drop N	

Amt. of fill	0.00 ft
Btm. H. Temp.	130.00 F
Hole Condition	good
% Porosity	12.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00 N
Cushion Type	None
Reversed Out N	
Tool Chased N	

Tester	Gary Pevoteaux
Co. Rep.	Ron Nelson
Contr.	Duke Drlg.
Rig #	7
Unit #	
Pump T.	LCM 2 #/bl

BLOW DESCRIPTION

Initial Flow:
 Strong blow. Gas to surface in 6 minutes. (see gas volume report)

Initial Shut-In:
 No blow.

Final Flow:
 Strong blow. (see gas volume report)

Final Shut-In:
 No blow.

SAMPLES: Gas sample

SENT TO:Caraway/Liberal

Test Successful: Y

GAS RECOVERY

COMPANY: American Warrior Inc.

DATE: 07-12-000

WELL NAME: Gillet #2

KB Elev: 1951.00 ft TICKET #12871 DST #2

WELL LOCATION: 34-32s-19w Comanche co KS GR Elev: 1938.00 ft FORMATION: Mississippi

INTERVAL Fr.: 5052.00 To 5170.00 T.D.: 5170.00 ft TEST TYPE: CONVENTIONAL

GAS RECOVERY MEASURED WITH Adjusting Choke

***** GAS RATES FOR FLOW #1

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
10	0.50	9	0	148000.0
20	0.50	5	0	122000.0
30	0.50	3	0	110000.0

***** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
5	0.50	9	0	148000.0
10	0.50	3	0	110000.0
20	0.50	1	0	97600.0
30	0.50	0	0	79000.0

[illegible]

GAS-----		cubic ft
OIL-----		ML.
MUD-----		ML.
WATER-----		ML.
OTHER-----		
PRESSURE-----		PSI
Rw -----	ohms @	deg. F.
CHLORIDES-----		ppm.
GRAVITY-----		deg.API

TEST HISTORY

12871 DST#2 GILLET #2 AMERICAN WARRIOR INC.

Flag Points

t(Min.) P(PSig)

A:	0.00	2429.03
B:	0.00	119.00
C:	24.50	91.12
D:	60.50	1111.95
E:	0.00	64.28
F:	28.00	76.37
G:	61.00	936.71
Q:	0.00	2382.11

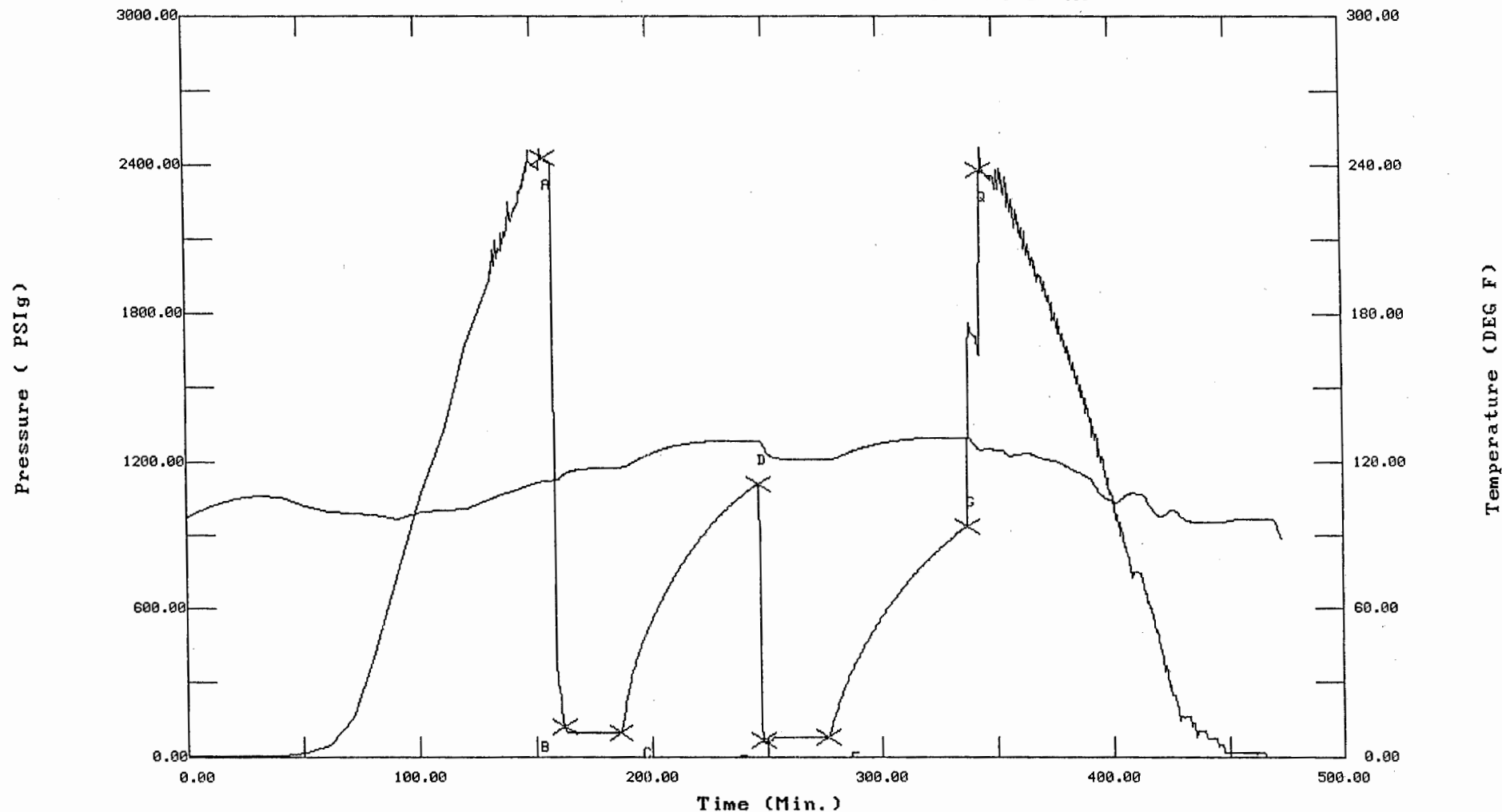
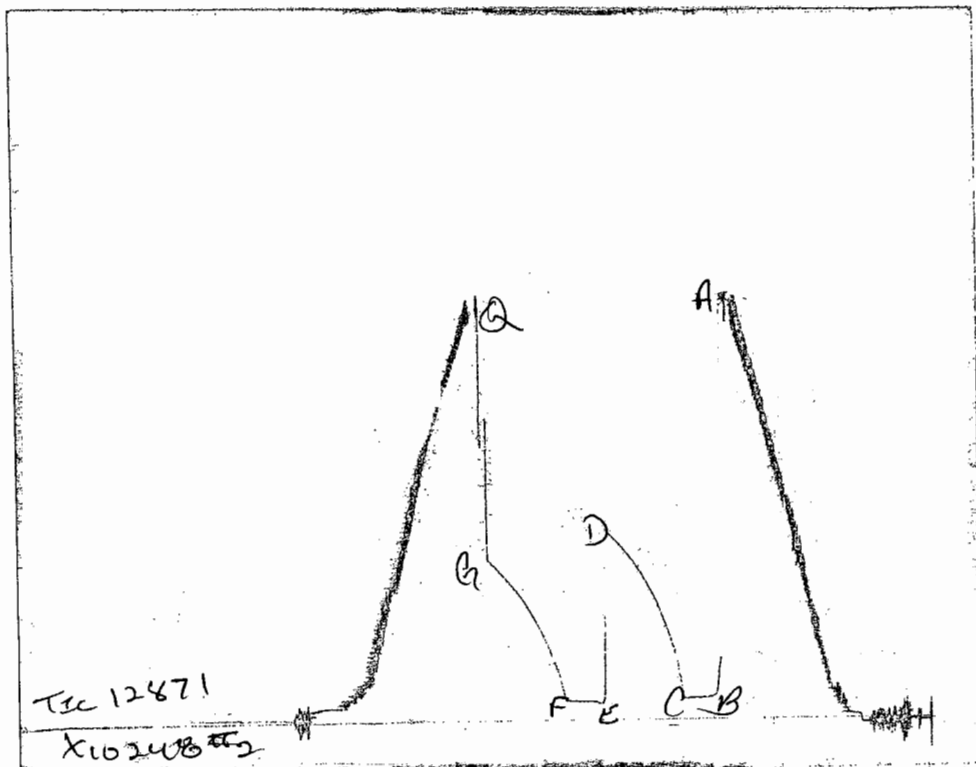


CHART PAGE



This is a photocopy of the actual AK-1 recorder chart



GAS VOLUME REPORT

American Warrior Inc

Crime Report
Gillett # 2

OPERATOR

WELL NAME AND NO.

DST NO.

Initial Open

Final Open

Min.	Inch. of Water PSIG	Orifice Size	MCF/D
L	~~~~~	3/4"	GTS
10	9 PSI	1/2"	148
20	5 PSI	1/2"	122
30	3 PSI	1/2"	110

Min.	Inch. of Water PSIG	Orifice Size	MCF/D
S	9 PSI	1/2"	148
10	3 PSI	1/2"	110
20	1 PSI	1/2"	97.6
30	.5 PSI	1/2"	99.0

Remarks:

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Nº 12871

Well Name & No.	<u>Gillett #2</u>	Test No.	<u>2</u>	Date	<u>7-12-2000</u>
Company	<u>American Warrior Inc.</u>	Zone Tested	<u>Miss.</u>		
Address	<u>P.O. Box 399, Garden City, KS 67846</u>	Elevation	<u>1951</u>	KB	<u>1938</u>
Co. Rep / Geo.	<u>Ron Nelson</u>	Cont.	<u>Duke Drlg. #7</u>	Est. Ft. of Pay	<u>18</u> Por. <u> </u> %
Location: Sec.	<u>34</u>	Twp.	<u>32 S</u>	Rge.	<u>19 W</u>
				Co.	<u>Comanche</u> State <u>KS</u>
No. of Copies	<u>5</u>	Distribution Sheet (Y, N)	<u>N</u>	Turnkey (Y, N)	<u> </u>
				Evaluation (Y, N)	<u> </u>

Interval Tested	<u>5052 - 5170'</u>	Initial Str Wt./Lbs.	<u>80,000</u>	Unseated Str Wt./Lbs.	<u>80,000</u>
Anchor Length	<u>118'</u>	Wt. Set Lbs.	<u>20,000</u>	Wt. Pulled Loose/Lbs.	<u>133,000</u>
Top Packer Depth	<u>5047'</u>	Tool Weight	<u>2100 #</u>		
Bottom Packer Depth	<u>5052'</u>	Hole Size — 7 7/8"	<u>✓</u>	Rubber Size — 6 3/4"	<u>✓</u>
Total Depth	<u>5170'</u>	Wt. Pipe Run	<u>None</u>	Drill Collar Run	<u>300'</u>
Mud Wt.	<u>9.2</u> LCM <u>2#</u> Vis. <u>S3</u> WL <u>11.2 cc.</u>	Drill Pipe Size	<u>4 1/2" X.H.</u>	Ft. Run	<u>4746'</u>
Blow Description	<u>IF: Strong blow. GTS in 6 mins. (see gas volume report) ISI: No blow.</u>				
	<u>FF: Strong blow. (see gas volume report) FSI: No blow.</u>				

Recovery — Total Feet	<u>210</u>	GIP	<u>yes</u>	Ft. in DC	<u>210</u>	Ft. in DP	<u> </u>
Rec.	<u>210</u>	Feet Of	<u>Drlg. Mud.</u>	%gas	%oil	%water	%mud
Rec.		Feet Of		%gas	%oil	%water	%mud
Rec.		Feet Of		%gas	%oil	%water	%mud
Rec.		Feet Of		%gas	%oil	%water	%mud
Rec.		Feet Of		%gas	%oil	%water	%mud
BHT	<u>130</u>	°F Gravity	<u>N/A</u>	°API D@	<u> </u>	°F Corrected Gravity	<u>N/A</u>
RW	<u>N.C.</u>	@	<u> </u>	°F Chlorides	<u>9,000</u>	ppm Recovery	<u>9,000</u>
				Chlorides	<u>9,000</u>	ppm System	<u> </u>

(A) Initial Hydrostatic Mud	<u>2492</u>	AK-1	<u>2429</u>	Alpine	<u>also</u>	PSI Recorder No.	<u>2342</u>	T-On Location	<u>1820</u>
(B) First Initial Flow Pressure	<u>123</u>		<u>119</u>			PSI (depth)	<u>5060'</u>	T-Started	<u>1845</u>
(C) First Final Flow Pressure	<u>112</u>		<u>91</u>			PSI Recorder No.	<u>10248</u>	T-Open	<u>2120</u>
(D) Initial Shut-In Pressure	<u>1139</u>		<u>1112</u>			PSI (depth)	<u>5167'</u>	T-Pulled	<u>0020</u>
(E) Second Initial Flow Pressure	<u>110</u>		<u>64</u>			PSI Recorder No.	<u> </u>	T-Out	<u>0245</u>
(F) Second Final Flow Pressure	<u>116</u>		<u>76</u>			PSI (depth)	<u> </u>	T-Off Location	<u>0330</u>
(G) Final Shut-in Pressure	<u>968</u>		<u>937</u>			PSI Initial Opening	<u>30</u>	Test	<u>✓ 800°</u>
(Q) Final Hydrostatic Mud	<u>2437</u>		<u>2382</u>			PSI Initial Shut-in	<u>60</u>	Jars	<u>✓ 200°</u>
						Final Flow	<u>30</u>	Safety Joint	<u>✓ 50°</u>
						Final Shut-in	<u>60</u>	Straddle	<u> </u>
							<u> </u>	Circ. Sub	<u> </u>
							<u> </u>	Sampler	<u> </u>

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Approved By

Our Representative

Gary Parathany

Extra Packer
Elec. Rec. ✓ 150°
Mileage
Other

TOTAL PRICE \$ ✓ 1200.00

Well Name Cillot
DST Number 1
Recorder Number 10248

A:	<u>2.239</u>	<u>2469</u>
B:	<u>.077</u>	<u>88</u>
C:	<u>.084</u>	<u>95</u>
D:	<u>1.581</u>	<u>1745</u>
E:	<u>.081</u>	<u>92</u>
F:	<u>.085</u>	<u>97</u>
G:	<u>1.556</u>	<u>1718</u>
Q:	<u>2.196</u>	<u>2421</u>

Well Name Gilbert

DST Number 2

Recorder Number 10298

A: 2.219 2447

B: .124 141

C: .114 129

D: 1.023 1135

E: .088 100

F: .105 119

G: .866 964

Q: 2.162 2384

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, Inc
P. O. Box 2137
Liberal, Kansas 67905
Phone: 316-624-5389
Fax: 316-626-7108

Lab Number: 20003871**Analyzed: 07/17/00**

Sample From: Gillet #2 DST 1

Pressure:

Producer: American Warrior, Inc.

Temperature:

Date: Location: 34-32-19

Time:

County: Comanche

Sampler:

State: Kansas

Source:

Formation: Pawnee/

-----Ft. Scott

	Mole %	GPM
Helium	He: 0.123	0.000
Hydrogen	H2: 0.008	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 3.372	0.000
Carbon Dioxide	CO2: 0.005	0.000
Methane	C1: 87.361	0.000
Ethane	C2: 4.007	1.072
Propane	C3: 2.498	0.688
Iso Butane	iC4: 0.336	0.110
Normal Butane	nC4: 1.057	0.333
Iso Pentane	iC5: 0.268	0.098
Normal Pentane	nC5: 0.327	0.118
Hexanes Plus	C6+: 0.638	0.278

TOTAL: 100.000 2.698

Z Fact: 0.9974

SP.GR.: 0.6617

BTU (SAT): 1104.1 @ 14.73 psia

BTU (DRY): 1123.6 @ 14.73 psia

OCTANE RATING: 121.9

COMMENTS:

0.000

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, Inc
P. O. Box 2137
Liberal, Kansas 67905
Phone: 316-624-5389
Fax: 316-626-7108

Lab Number: 20003872**Analyzed: 07/17/00**

Sample From: Gillet #2 DST 2

Pressure:

Producer: American Warrior, Inc.

Temperature:

Date: Location: 34-32-19

Time:

County: Comanche

Sampler:

State: Kansas

Source:

Formation: Miss

	Mole %	GPM
Helium	He: 0.081	0.000
Hydrogen	H2: 0.030	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 1.080	0.000
Carbon Dioxide	CO2: 0.133	0.000
Methane	C1: 93.720	0.000
Ethane	C2: 2.833	0.758
Propane	C3: 0.996	0.274
Iso Butane	iC4: 0.154	0.050
Normal Butane	nC4: 0.317	0.100
Iso Pentane	iC5: 0.109	0.040
Normal Pentane	nC5: 0.118	0.043
Hexanes Plus	C6+: 0.429	0.187

TOTAL: 100.000 1.452

Z Fact: 0.9977

SP.GR.: 0.6068

BTU (SAT): 1054.5 @ 14.73 psia

BTU (DRY): 1073.2 @ 14.73 psia

OCTANE RATING: 126.4

COMMENTS:

0.000