

Gilbert-Stewart Operating  
DDK #9

22-20s-12w  
15-009-25088

**Superior Testers Enterprises L.L.C.**  
P.O. Box 138, Great Bend, Kansas 67530  
(800) 792-6902

Company Gilbert-Stewart Operating LLC  
Address 1801 Broadway #450 Denver CO 80202  
Lease & # DDK #9 Sec. 22 Twp 20s Rng 12w  
Date 8-26-2007 County Barton Elevation 1825 G.L. 1833 K.B.  
Drilling Contractor Southwind Drilling Ry #3  
Drill Pipe Length 3118 I.D. of Drill Pipe 3.8 Tool Joint Size 4 1/2 XH  
Drill Collar Length \_\_\_\_\_ I.D. of Drill Collars 2.25 Tool Joint Size 4 1/2 XH  
Mud Weight 9.1 Viscosity 59 Filtrate 8.8 Chlorides-Pits 5200 DST \_\_\_\_\_  
Top Packer Depth 3139 Bottom Packer Depth 3144 Number of Packers 2  
Tested From 3144 to 3190 Total Depth 3190 Anchor Length 46  
Test # 1 Formation Tested Leasy Hole Size 7 7/8

Initial Blow Strong Blow Bottom of Bucket in 2min Blow back on the 1st Shut-in Bottom Bucket  
Final Blow Strong Blow Bottom of Bucket in 1min Blow back on the 2nd Shut-in Bottom Bucket

Initial Hydrostatic 1558 P.S.I. Final Hydrostatic 1490 P.S.I. Maximum Temp. 104 F

Initial Opening 124 P.S.I. to 93 P.S.I. from 4:00 pm to 4:30 pm 30 minutes  
Initial Shut-in 950 P.S.I. from 4:30 pm to 5:30 pm 60 minutes  
Final Opening 120 P.S.I. to 242 P.S.I. from 5:30 pm to 6:30 pm 60 minutes  
Final Shut-in 941 P.S.I. from 6:30 pm to 8:00 pm 90 minutes

Feet	Recovery Description	% Gas	% Oil	% Mud	% Water
<u>2848</u>	<u>Gas in pipe</u>	<u>100</u>			
<u>120</u>	<u>Slightly Gassy oil cut mud</u>	<u>48</u>	<u>50</u>	<u>10</u>	
<u>150</u>	<u>Slightly Gassy oil cut mud</u>	<u>45</u>	<u>45</u>	<u>10</u>	

Total Feet Recovered 270 oil cut mud Recovery Chlorides \_\_\_\_\_ Rw. \_\_\_\_\_ ohms @ \_\_\_\_\_ Degrees  
Gravity of oil 42 Corrected Gas to Surface in 15 minutes into the 1st packer  
Max. Gas Gauged 53.9 MCF/day See Gas Flow Report Was a gas sample taken yes  
Comments Slid 7 joint ~~to~~ Bottom 29 feet, gas to surface 15min in first  
open

Extra Equipment-Jars yes Safety Joint yes Circulating Sub \_\_\_\_\_ Straddle \_\_\_\_\_  
Electronic Recorder No. 3088 Depth 3186 Extra Packer (3rd) \_\_\_\_\_ Hook Wall \_\_\_\_\_  
Bottom Recorder No. 47441 Depth 3187 Extra Packer (4th) \_\_\_\_\_ Sampler \_\_\_\_\_  
Tool Operator \_\_\_\_\_ Approved By \_\_\_\_\_

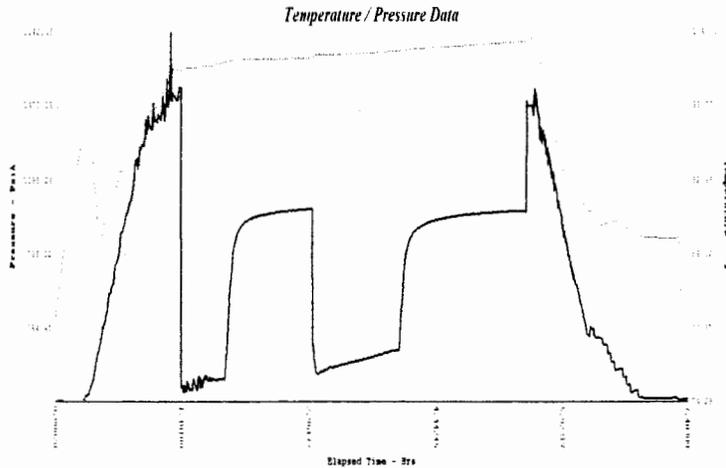
Ticket No. 15093

**SUPERIOR TESTERS ENTERPRISES L.L.C. 22-205-12w**

(800)792-6902

**DRILL STEM TEST REPORT**

GREAT BEND, KANSAS 67530



<b>1</b>	Initial Hydrostatic Pressure	1558
<b>2</b>	Initial Flow Pressure	64
<b>3</b>	Final Initial Flow Pressure	93
<b>4</b>	Initial Shut-In Pressure	950
<b>5</b>	Initial Final Flow Pressure	120
<b>6</b>	Final Flow Pressure	242
<b>7</b>	Final Shut-In Pressure	941
<b>8</b>	Final Hydrostatic Pressure	1490

Maximum Temperature 104

**GENERAL INFORMATION**

COMPANY NAME .....	GILBERT-STEWART OPERATING L.L.C
TEST DATE .....	8/26/07
SECTION-TOWN-RANGE .....	22-205-12W
STATE .....	KANSAS
COUNTY .....	BARTON
ELEVATION GROUND LEVEL .....	
COMPANY REPRESENTATIVE .....	
LEASE AND WELL NUMBER .....	DDK #9
FORMATION TESTED .....	LANSING
DRILL STEM TEST NUMBER .....	1
REPORT NUMBER .....	####
ELEVATION KELLY BUSHINGS .....	1833
TESTING ENGINEER .....	JARED SCHECK

**TOOL SETTING INFORMATION**

TEST INTERVAL (From) .....	3144	TOP PACKER DEPTH .....	3139
TEST INTERVAL (to) .....	3190	BOTTOM PACKER DEPTH .....	3144
ANCHOR LENGTH .....	46	NUMBER OF PACKERS .....	2
TOTAL DEPTH (ft) .....	3190	PACKER SIZE .....	6 3/4
		HOLE SIZE .....	7 7/8

**FLOW TIMES**

<i>INITIAL OPEN</i>	<i>FINAL OPEN</i>		
TOOL OPEN (from) .....	4:00P	TOOL OPEN (from) .....	5:30
TOOL OPEN (to) .....	4:30	TOOL OPEN (to) .....	6:30
DURATION (min.) .....	30	DURATION (min.) .....	60
<i>INITIAL SHUT-IN</i>	<i>FINAL SHUT-IN</i>		
TOOL CLOSED (from) .....	4:30	TOOL CLOSED (from) .....	6:30
TOOL CLOSED (to) .....	5:30	TOOL CLOSED (to) .....	8:00P
DURATION (min.) .....	60	DURATION (min.) .....	90

**INITIAL FLOW**      STRONG BLOW BOTTOM OF BUCKET IN 2 MIN  
BLOW BACK BOTTOM OF BUCKET

**FINAL FLOW**      STRONG BLOW BOTTOM OF BUCKET IN 1 MIN  
BLOW BACK BOTTOM OF BUCKET

Company: GILBERT-STEWART OPERATING L.L.C      Lease & Well No. DDK #9      Test #: 1      Date: 8-26-07      SEC. 22  
 TWP. 20      RGE. 12      NE SE SW SW      450 FSL      1150 FSL      API # 15-609-25088-0000

**SUPERIOR TESTERS ENTERPRISES L.L.C.**

**DRILL STEM TEST REPORT**

**GREAT BEND ,KANSAS 67530 (800)792-6902**

**GENERAL INFORMATION**

COMPANY NAME ..... **GILBERT-STEWART OPERATING L.L.C**  
TEST DATE ..... **8/26/07** LEASE AND WELL NUMBER ..... **DDK #9**  
SECTION-TOWN-RANGE ..... **22-20S-12W** FORMATION TESTED ..... **LANSING**  
STATE ..... **KANSAS** DRILL STEM TEST NUMBER ..... **1**  
COUNTY ..... **BARTON** REPORT NUMBER ..... **15093**  
ELEVATION GROUND LEVEL ..... **1825** ELEVATION KELLY BUSHINGS ..... **1833**  
COMPANY REPRESENTATIVE ..... **ADAM KENNEDY** TESTING ENGINEER ..... **JARED SCHECK**

**EXTRA EQUIPMENT**

JARS ..... **YES** EXTRA PACKER (3RD) ..... **NO**  
SAFETY JOINT ..... **YES** EXTRA PACKER (4TH) ..... **NO**  
ELECTRONIC RECORDER ..... **YES** STRADDLE ..... **NO**  
CIRCULATING SUB ..... **NO** HOOK WALL ..... **NO**  
SAMPLER ..... **NO**  
**30 MILES ROUND TRIP FROM GREAT BEND**  
TOP RECORDER DEPTH ..... **3186** BOTTOM RECORDER DEPTH ..... **3187**  
RECORDER NUMBER ..... **91986** RECORDER NUMBER ..... **5463**

**WELL INFORMATION**

DRILLING CONTRACTOR ..... **SOUTHWIND RILLING RIG #3**  
DRILL PIPE LENGTH ..... **3118** DRILL COLLAR LENGTH .....  
DRILL PIPE I.D. .... **3.8** DRILL COLLAR I.D. .... **2.25**  
TOOL JOINT SIZE ..... **4 1/2 X.H.** TOOL JOINT SIZE ..... **4 1/2 X.H.**

**COMMENTS**

**SUPERIOR TESTERS ENTERPRISES L.L.C.**

GREAT BEND, KANSAS

**GAS FLOW RATE**

(800) 792-6902

#

<b>STATE</b> ..... KANSAS	<b>Test Date</b> ..... 1/0/1900
<b>COUNTY</b> ..... BARTON	<b>Sec Town Range</b> ..... 22-20S-12W
<b>FIELD</b> .....	<b>Report Number</b> ..... 15093

**Initial Flow**

Comments	Time (hh:mm:ss)	Period dt (min)	Inches H2O Office Tester	PSI on Office Tester	PSI on Pitot Tube	Choke Size (in)	Gas Rate (MCF/Day)
OPEN TOOL	4:15	15	60			1/2	48.600
4:00P	4:25	10	60			1/2	48.600
GAS TO SURFACE 15 MIN							
GAS TO SURFACE							

**Final Flow**

Comments	Time (hh:mm:ss)	Period dt (min)	Inches H2O Office Tester	PSI on Office Tester	PSI on Pitot Tube	Choke Size (in)	Gas Rate (MCF/Day)
TOOL OPEN	5:40	10	74			1/2	53.900
5:30	5:50	10	62			1/2	49.400
	6:00	10	36			1/2	37.600
	6:10	10	36			1/2	37.600
	6:20	10	24			1/2	30.700
	6:30	10	22			1/2	29.400
GAS SAMPLE WAS TAKEN							

**Was there a gas sample taken**



# Temperature / Pressure Data



GILBERT STEWART OPERATING L.L.C    DDK #9    22-20-12W    8-26-07    DST #1



# SUPERIOR TESTERS ENTERPRISES L.L.C.

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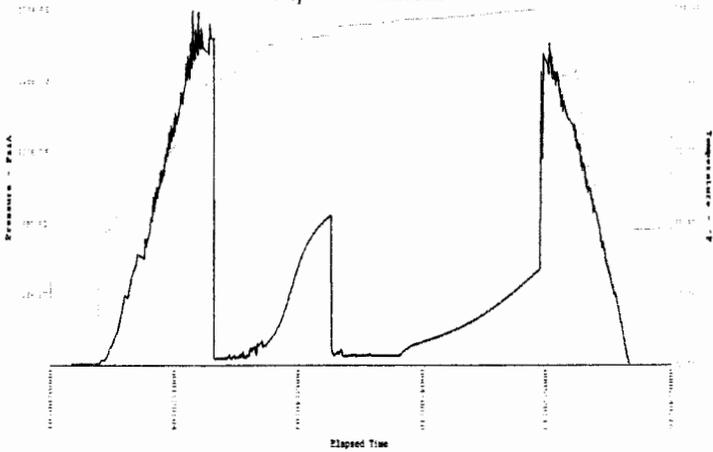
## DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

Company: GILBERT STEWART OPERATING L.L.C  
 TWP. 20 RGE. 12

Lease & Well No. DDK #9 Test #: 2 Date: 8-27-07 SEC. 22

*Temperature / Pressure Data*



1	Initial Hydrostatic Pressure	1593
2	Initial Flow Pressure	22
3	Final Initial Flow Pressure	32
4	Initial Shut-In Pressure	722
5	Initial Final Flow Pressure	36
6	Final Flow Pressure	37
7	Final Shut-In Pressure	459
8	Final Hydrostatic Pressure	1509

Maximum Temperature 104

**GENERAL INFORMATION**

COMPANY NAME .....	GILBERT STEWART OPERATING L.L.C	
TEST DATE .....	8/27/07	LEASE AND WELL NUMBER .....
SECTION-TOWN-RANGE .....	22-20-12W	DDK #9
STATE .....	KANSAS	FORMATION TESTED .....
COUNTY .....	BARTON	LANSING
ELEVATION GROUND LEVEL .....		DRILL STEM TEST NUMBER .....
COMPANY REPRESENTATIVE .....		2
		REPORT NUMBER .....
		####
		ELEVATION KELLY BUSHINGS .....
		1833
		TESTING ENGINEER .....
		JARED SCHECK

**TOOL SETTING INFORMATION**

TEST INTERVAL (From) .....	3190	TOP PACKER DEPTH .....	3185
TEST INTERVAL (to) .....	3230	BOTTOM PACKER DEPTH .....	3190
ANCHOR LENGTH .....	40	NUMBER OF PACKERS .....	2
TOTAL DEPTH (ft) .....	3230	PACKER SIZE .....	6 3/4
		HOLE SIZE .....	7 7/8

**FLOW TIMES**

<i>INITIAL OPEN</i>	<i>FINAL OPEN</i>
TOOL OPEN (from) .....	7:46A
TOOL OPEN (to) .....	8:16
DURATION (min.) .....	30
<i>INITIAL SHUT-IN</i>	<i>FINAL SHUT-IN</i>
TOOL CLOSED (from) .....	8:16
TOOL CLOSED (to) .....	9:01
DURATION (min.) .....	45
TOOL OPEN (from) .....	9:01
TOOL OPEN (to) .....	9:46
DURATION (min.) .....	45
TOOL CLOSED (from) .....	9:46
TOOL CLOSED (to) .....	11:16
DURATION (min.) .....	90

**INITIAL FLOW**

WEAK BUT BUILDING BLOW BUILT 2 INCH INTO BUCKET IN 30 MIN  
NO BLOW BACK

**FINAL FLOW**

WEAK BUT BUILDING BLOW BUILT 4 INCH IN 45 MIN  
NO BLOW BACK

# SUPERIOR TESTERS ENTERPRISES L.L.C.

## DRILL STEM TEST REPORT

GREAT BEND ,KANSAS 67530 (800)792-6902

### GENERAL INFORMATION

COMPANY NAME .....	GILBERT STEWART OPERATING L.L.C	LEASE AND WELL NUMBER .....	DDK #9
TEST DATE .....	8/27/07	FORMATION TESTED .....	LANSING
SECTION-TOWN-RANGE .....	22-20-12W	DRILL STEM TEST NUMBER .....	2
STATE .....	KANSAS	REPORT NUMBER .....	15094
COUNTY .....	BARTON	ELEVATION KELLY BUSHINGS .....	1833
ELEVATION GROUND LEVEL .....	1825	TESTING ENGINEER .....	JARED SCHECK
COMPANY REPRESENTATIVE .....	ADAM KENNEDY		

### EXTRA EQUIPMENT

JARS .....	YES	EXTRA PACKER (3RD) .....	NO
SAFETY JOINT .....	YES	EXTRA PACKER (4TH) .....	NO
ELECTRONIC RECORDER .....	YES	STRADDLE .....	NO
CIRCULATING SUB .....	NO	HOOK WALL .....	NO
		SAMPLER .....	NO
	<b>30 MILES ROUND TRIP FROM</b>	<b>GREAT BEND</b>	
TOP RECORDER DEPTH .....	3226	BOTTOM RECORDER DEPTH .....	3227
RECORDER NUMBER .....	91986	RECORDER NUMBER .....	5463

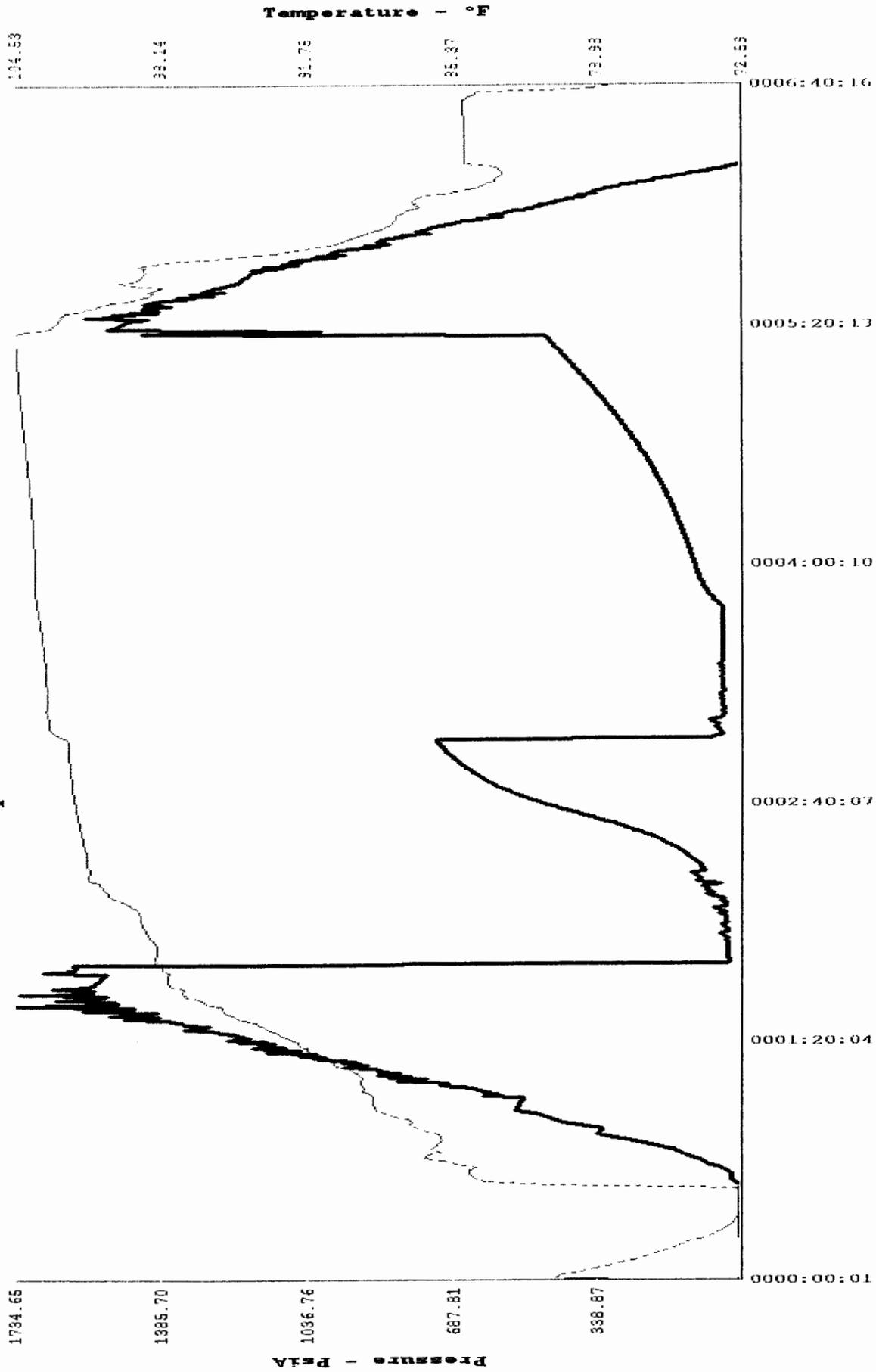
### WELL INFORMATION

DRILLING CONTRACTOR .....	SOUTHWIND DRILLING RIG #3		
DRILL PIPE LENGTH .....	3164	DRILL COLLAR LENGTH .....	
DRILL PIPE I.D. ....	3.8	DRILL COLLAR I.D. ....	2.25
TOOL JOINT SIZE .....	4 1/2 X.H.	TOOL JOINT SIZE .....	4 1/2 X.H.

### COMMENTS



# Temperature / Pressure Data



# Superior Testers Enterprises L.L.C.

P.O. Box 138, Great Bend, Kansas 67530

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Company Gilbert-Stewart Operating LLC  
 Address 1801 Broadway #450 Denver Co 80202  
 Lease & # DDK #9 Sec. 22 Twp 20 Rng 12  
 Date 8-28-2007 County Barton Elevation 1825 G.L. 1833 K.B.  
 Drilling Contractor Southwind Drilling #3  
 Drill Pipe Length 3254 I.D. of Drill Pipe 3.8 Tool Joint Size 4 1/2 XH  
 Drill Collar Length \_\_\_\_\_ I.D. of Drill Collars 2.25 Tool Joint Size 4 1/2 XH  
 Mud Weight 9.0 Viscosity 68 Filtrate 9.6 Chlorides-Pits 8500 DST \_\_\_\_\_  
 Top Packer Depth 3275 Bottom Packer Depth 3280 Number of Packers 2  
 Tested From 3280 to 3335 Total Depth 3335 Anchor Length 55  
 Test # 3 Formation Tested Lansing HFS Hole Size 7 7/8  
 Initial Blow Strong Blow Bottom of Bucket 1min

Blow back on the 1st Shut-in Bottom Bucket

Final Blow Strong Blow Bottom of Bucket in 1min Gas to Surface  
 style="text-align: right;">Blow back on the 2nd Shut-in Bottom Bucket

Initial Hydrostatic 1658 P.S.I. Final Hydrostatic 1575 P.S.I. Maximum Temp. 104 F

Initial Opening <u>211</u> P.S.I. to <u>254</u> P.S.I.	from <u>3:02</u> AM to <u>3:17</u> AM	<u>15</u> minutes
Initial Shut-in <u>917</u> P.S.I.	from <u>3:17</u> AM to <u>3:47</u> AM	<u>30</u> minutes
Final Opening <u>318</u> P.S.I. to <u>575</u> P.S.I.	from <u>3:47</u> AM to <u>4:47</u> AM	<u>60</u> minutes
Final Shut-in <u>879</u> P.S.I.	from <u>4:47</u> AM to <u>6:17</u> AM	<u>90</u> minutes

Feet	Recovery Description	% Gas	% Oil	% Mud	% Water
<u>2340</u>	<u>Clean Gassy oil</u>		<u>100</u>		
<u>120</u>	<u>Slightly Gassy oil cut mud</u>	<u>15</u>	<u>30</u>	<u>55</u>	

Total Feet Recovered 2460 Recovery Chlorides \_\_\_\_\_ Rw. \_\_\_\_\_ ohms @ \_\_\_\_\_ Degrees  
 Gravity of oil 39 Corrected Gas to Surface in 2 minutes into the 2nd open  
 Max. Gas Gauged 6.89 MCF/day See Gas Flow Report Was a gas sample taken yes  
 Comments Gas to Surface 2nd Open

Extra Equipment-Jars yes Safety Joint yes Circulating Sub \_\_\_\_\_ Straddle \_\_\_\_\_  
 Electronic Recorder No. 3088 Depth 3331 Extra Packer (3rd) \_\_\_\_\_ Hook Wall \_\_\_\_\_  
 Bottom Recorder No. 47441 Depth 3332 Extra Packer (4th) \_\_\_\_\_ Sampler \_\_\_\_\_  
 Tool Operator [Signature] Approved By \_\_\_\_\_

**Ticket No. 15095**

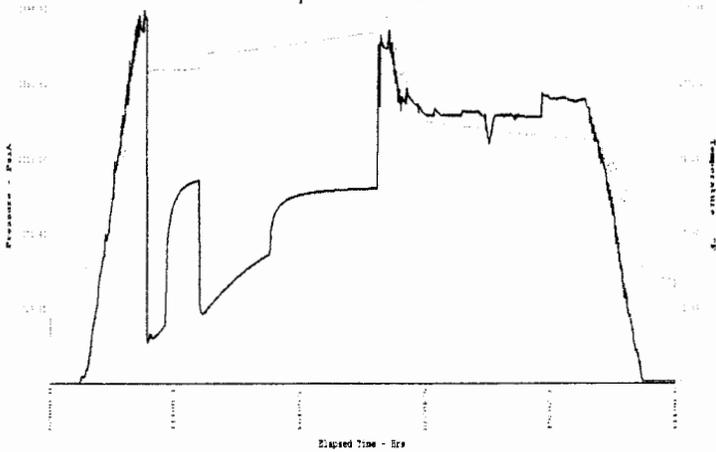
# SUPERIOR TESTERS ENTERPRISES L.L.C.

(800)792-6902

## DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

*Temperature / Pressure Data*



1	Initial Hydrostatic Pressure	1658
2	Initial Flow Pressure	211
3	Final Initial Flow Pressure	254
4	Initial Shut-In Pressure	917
5	Initial Final Flow Pressure	318
6	Final Flow Pressure	575
7	Final Shut-In Pressure	879
8	Final Hydrostatic Pressure	1575

Maximum Temperature      104

### GENERAL INFORMATION

COMPANY NAME ..... GILBERT STEWART OPERATING L.L.C	
TEST DATE ..... 8/28/07	LEASE AND WELL NUMBER ..... DDK #9
SECTION-TOWN-RANGE ..... 22-20-12W	FORMATION TESTED ..... LANSING H,I,J
STATE ..... KANSAS	DRILL STEM TEST NUMBER ..... 3
COUNTY ..... BARTON	REPORT NUMBER ..... 15095
ELEVATION GROUND LEVEL .....	ELEVATION KELLY BUSHINGS ..... 1833
COMPANY REPRESENTATIVE .....	TESTING ENGINEER ..... JARED SCHECK

### TOOL SETTING INFORMATION

TEST INTERVAL (From) ..... 3280	TOP PACKER DEPTH ..... 3275
TEST INTERVAL (to) ..... 3335	BOTTOM PACKER DEPTH ..... 3280
ANCHOR LENGTH ..... 55	NUMBER OF PACKERS ..... 2
TOTAL DEPTH (ft) ..... 3335	PACKER SIZE ..... 6 3/4
	HOLE SIZE ..... 7 7/8

### FLOW TIMES

<i>INITIAL OPEN</i>		<i>FINAL OPEN</i>	
TOOL OPEN (from) ..... 3:02A		TOOL OPEN (from) ..... 3:47	
TOOL OPEN (to) ..... 3:17		TOOL OPEN (to) ..... 4:47	
DURATION (min.) ..... 15		DURATION (min.) ..... 60	
<i>INITIAL SHUT-IN</i>		<i>FINAL SHUT-IN</i>	
TOOL CLOSED (from) ..... 3:17		TOOL CLOSED (from) ..... 4:47	
TOOL CLOSED (to) ..... 3:47		TOOL CLOSED (to) ..... 6:17	
DURATION (min.) ..... 30		DURATION (min.) ..... 90	

**INITIAL FLOW      STRONG BLOW BOTTOM OF BUCKET IN 1 MIN**  
**BLOW BACK BOTTOM OF BUCKET**

**FINAL FLOW      STRONG BLOW BOTTOM OF BUCKET 1 MIN**  
**BLOW BACK BOTTOM OF BUCKET**

Company: GILBERT STEWART OPERATING L.L.C      Lease & Well No. DDK #3      Test #: 3      Date: 8-28-07      SEC. 22  
 TWP. 20      RGE. 12

**SUPERIOR TESTERS ENTERPRISES L.L.C.**

**DRILL STEM TEST REPORT**

GREAT BEND ,KANSAS 67530 (800)792-6902

**GENERAL INFORMATION**

COMPANY NAME .....	GILBERT STEWART OPERATING L.L.C	LEASE AND WELL NUMBER .....	DDK #9
TEST DATE .....	8/28/07	FORMATION TESTED .....	LANSING H,I,J
SECTION-TOWN-RANGE .....	22-20-12W	DRILL STEM TEST NUMBER .....	3
STATE .....	KANSAS	REPORT NUMBER .....	15095
COUNTY .....	BARTON	ELEVATION KELLY BUSHINGS .....	1833
ELEVATION GROUND LEVEL .....	1825	TESTING ENGINEER .....	JARED SCHECK
COMPANY REPRESENTATIVE .....	ADAM KENNEDY		

**EXTRA EQUIPMENT**

JARS .....	YES	EXTRA PACKER (3RD) .....	NO
SAFETY JOINT .....	YES	EXTRA PACKER (4TH) .....	NO
ELECTRONIC RECORDER .....	YES	STRADDLE .....	NO
CIRCULATING SUB .....	YES	HOOK WALL .....	NO
		SAMPLER .....	NO
	<b>30 MILES ROUND TRIP FROM</b>	<b>GREAT BEND</b>	
TOP RECORDER DEPTH .....	3331	BOTTOM RECORDER DEPTH .....	3332
RECORDER NUMBER .....	91986	RECORDER NUMBER .....	5463

**WELL INFORMATION**

DRILLING CONTRACTOR .....	SOUTHWIND DRILLING RIG #3		
DRILL PIPE LENGTH .....	3254	DRILL COLLAR LENGTH .....	
DRILL PIPE I.D. ....	3.8	DRILL COLLAR I.D. ....	2.25
TOOL JOINT SIZE .....	4 1/2 X.H.	TOOL JOINT SIZE .....	4 1/2 X.H.

**COMMENTS**



**SUPERIOR TESTERS ENTERPRISES L.L.C.**

GREAT BEND, KANSAS

**GAS FLOW RATE**

(800) 792-6902

#

<b>STATE</b> .....	KANSAS	<b>Test Date</b> .....	1/0/1900
<b>COUNTY</b> .....	BARTON	<b>Sec Town Range</b> .....	22-20-12W
<b>FIELD</b> .....		<b>Report Number</b> .....	15095

**Initial Flow**

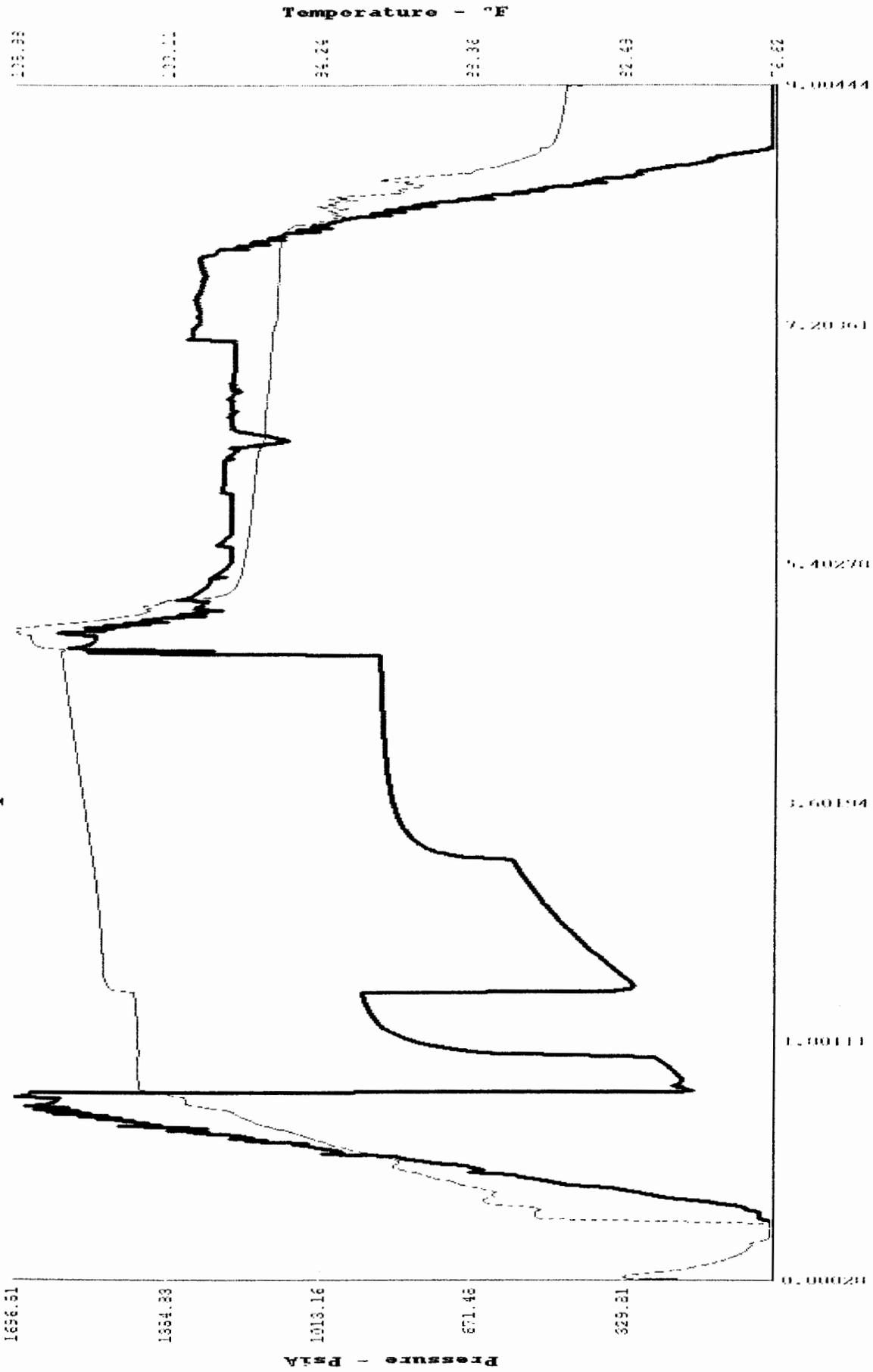
Comments	Time (hh:mm:ss)	Period dt (min)	Inches H2O Orifice Tester	PSI on Orifice Tester	PSI on Pitot Tube	Choke Size (in)	Gas Rate (MCF/Day)
OPEN TOOL 3:02							

**Final Flow**

Comments	Time (hh:mm:ss)	Period dt (min)	Inches H2O Orifice Tester	PSI on Orifice Tester	PSI on Pitot Tube	Choke Size (in)	Gas Rate (MCF/Day)
OPEN TOOL	3:47	10	28			1/4	8.900
3:47	3:57	10	28			1/4	8.900
GAS TO SURFACE	4:07	10	20			1/4	7.570
	4:17	10	19			1/4	7.320
	4:27	10	18			1/4	7.120
	4:37	10	12			1/4	5.860
	4:47	10	12			1/4	5.860
<b>GAS SAMPLE WAS TAKEN</b>							

**Was there a gas sample taken**

# Temperature / Pressure Data



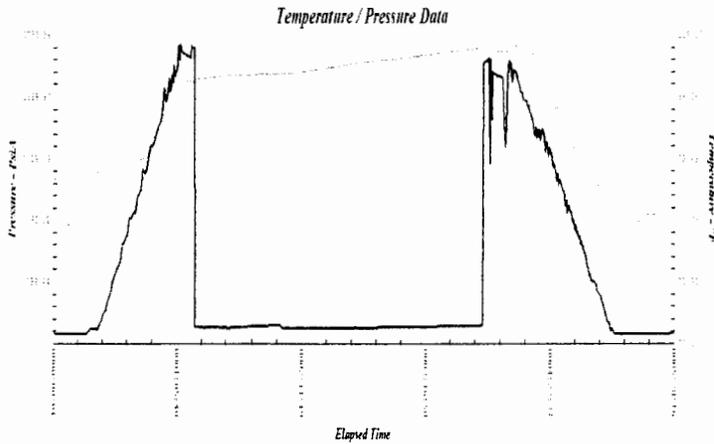


# SUPERIOR TESTERS ENTERPRISES L.L.C.

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## DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530



1	Initial Hydrostatic Pressure	1679
2	Initial Flow Pressure	28
3	Final Initial Flow Pressure	28
4	Initial Shut-In Pressure	42
5	Initial Final Flow Pressure	27
6	Final Flow Pressure	27
7	Final Shut-In Pressure	39
8	Final Hydrostatic Pressure	1579

Maximum Temperature 104

### GENERAL INFORMATION

COMPANY NAME ..... GILBERT STEWART OPERATING L.L.C	
TEST DATE ..... 8/28/07	LEASE AND WELL NUMBER ..... DDK #9
SECTION-TOWN-RANGE ..... 22-20-12W	FORMATION TESTED ..... LANSING K,L
STATE ..... KANSAS	DRILL STEM TEST NUMBER ..... 4
COUNTY ..... BARTON	REPORT NUMBER ..... 15096
ELEVATION GROUND LEVEL ..... 1825	ELEVATION KELLY BUSHINGS ..... 1833
COMPANY REPRESENTATIVE ..... ADAM KENNEDY	TESTING ENGINEER ..... JARED SCHECK

### TOOL SETTING INFORMATION

TEST INTERVAL (From) ..... 3336	TOP PACKER DEPTH ..... 3331
TEST INTERVAL (to) ..... 3383	BOTTOM PACKER DEPTH ..... 3336
ANCHOR LENGTH ..... 47	NUMBER OF PACKERS ..... 2
TOTAL DEPTH (ft) ..... 3383	PACKER SIZE ..... 6 3/4
	HOLE SIZE ..... 7 7/8

### FLOW TIMES

<i>INITIAL OPEN</i>	<i>FINAL OPEN</i>
TOOL OPEN (from) ..... 9:21P	TOOL OPEN (from) ..... 10:06
TOOL OPEN (to) ..... 9:36	TOOL OPEN (to) ..... 10:51
DURATION (min.) ..... 15	DURATION (min.) ..... 45
<i>INITIAL SHUT-IN</i>	<i>FINAL SHUT-IN</i>
TOOL CLOSED (from) ..... 9:36	TOOL CLOSED (from) ..... 10:51
TOOL CLOSED (to) ..... 10:06	TOOL CLOSED (to) ..... 11:51
DURATION (min.) ..... 30	DURATION (min.) ..... 60

**INITIAL FLOW**      WEAK SUFACE BLOW STAYED 1/2 INCH  
NO BLOW BACK

**FINAL FLOW**      SURGE BLOW DIED  
NO BLOW BACK

Company: GILBERT STEWART OPERATING L.L.C      Lease & Well No. DDK #9      Test #: 4      Date: 8-28-07      SEC. 22  
 TWP. 20      RGE. 12

**SUPERIOR TESTERS ENTERPRISES L.L.C.**

**DRILL STEM TEST REPORT**

GREAT BEND ,KANSAS 67530 (800)792-6902

**GENERAL INFORMATION**

COMPANY NAME .....	GILBERT STEWART OPERATING L.L.C	LEASE AND WELL NUMBER .....	DDK #9
TEST DATE .....	8/28/07	FORMATION TESTED .....	LANSING K,L
SECTION-TOWN-RANGE .....	22-20-12W	DRILL STEM TEST NUMBER .....	4
STATE .....	KANSAS	REPORT NUMBER .....	15096
COUNTY .....	BARTON	ELEVATION KELLY BUSHINGS .....	1833
ELEVATION GROUND LEVEL .....	1825	TESTING ENGINEER .....	JARED SCHECK
COMPANY REPRESENTATIVE .....	ADAM KENNEDY		

**EXTRA EQUIPMENT**

JARS .....	YES	EXTRA PACKER (3RD) .....	NO
SAFETY JOINT .....	YES	EXTRA PACKER (4TH) .....	NO
ELECTRONIC RECORDER .....	YES	STRADDLE .....	NO
CIRCULATING SUB .....	NO	HOOK WALL .....	NO
		SAMPLER .....	NO
	<b>30 MILES ROUND TRIP FROM</b>	<b>GREAT BEND</b>	
TOP RECORDER DEPTH .....	3379	BOTTOM RECORDER DEPTH .....	3380
RECORDER NUMBER .....	4023	RECORDER NUMBER .....	3088

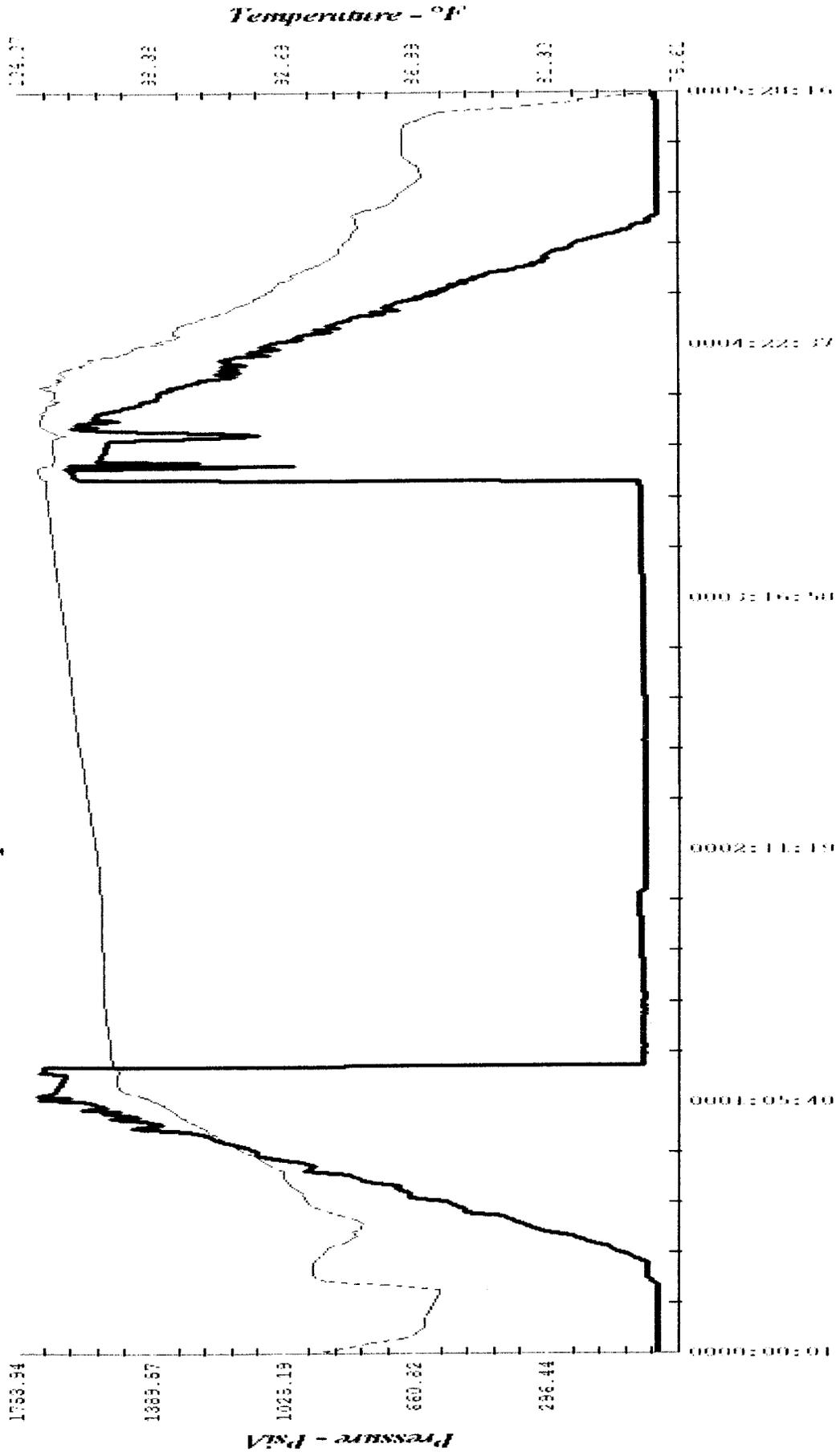
**WELL INFORMATION**

DRILLING CONTRACTOR .....	SOUTHWIND DRILLING RIG #3		
DRILL PIPE LENGTH .....	3310	DRILL COLLAR LENGTH .....	
DRILL PIPE I.D. ....	3.8	DRILL COLLAR I.D. ....	2.25
TOOL JOINT SIZE .....	4 1/2 X.H.	TOOL JOINT SIZE .....	4 1/2 X.H.
CHLORIDES-PITS .....		MUD WEIGHT #/GAL .....	
CHLORIDES-DST .....		VISCOSITY .....	
		WATER LOSS .....	

**COMMENTS**



# Temperature / Pressure Data



Tool serial number: 4023  
Test start: 08/23/2007 01:39:05

# Superior Testers Enterprises L.L.C.

P.O. Box 138, Great Bend, Kansas 67530

(800) 792-6902

Company Gilbert Stewart Operating LLC  
 Address 1801 Broadway #450 Denver CO 80202  
 Lease & # DDK # 9 Sec. 22 Twp 20 Rng 12  
 Date 8-30-2007 County Barton Elevation 1825 G.L. 1833 K.B.  
 Drilling Contractor Southwind Drilling Rig # 3  
 Drill Pipe Length 3474 I.D. of Drill Pipe 3.8 Tool Joint Size 4 1/2 X 1 1/2  
 Drill Collar Length \_\_\_\_\_ I.D. of Drill Collars 2.25 Tool Joint Size 4 1/2 X 1 1/2  
 Mud Weight 8.85 Viscosity 59 Filtrate 92 Chlorides-Pits 12,200 DST \_\_\_\_\_  
 Top Packer Depth 3435 Bottom Packer Depth 3440 Number of Packers 2  
 Tested From 3440 to 3456 Total Depth 3550 Anchor Length 16  
 Test # 5 Formation Tested Arbuckle Hole Size 7 7/8  
 Initial Blow Fair Blow Built Bottom of Bucket in 2

Blow back on the 1st Shut-in NO Blow Back

Final Blow Fair to Strong Blow Bottom of Bucket in 2 min

Blow back on the 2nd Shut-in NO Blow Back

Initial Hydrostatic 1710 P.S.I. Final Hydrostatic 1621 P.S.I. Maximum Temp. 112 F

Initial Opening <u>467</u> P.S.I. to <u>480</u> P.S.I.	from <u>5:01 AM</u> to <u>5:16 AM</u> <u>15</u> minutes
Initial Shut-in <u>843</u> P.S.I.	from <u>5:16 AM</u> to <u>5:46 AM</u> <u>30</u> minutes
Final Opening <u>474</u> P.S.I. to <u>760</u> P.S.I.	from <u>5:46 AM</u> to <u>6:46 AM</u> <u>60</u> minutes
Final Shut-in <u>887</u> P.S.I.	from <u>6:46 AM</u> to <u>7:46 AM</u> <u>60</u> minutes

Feet	Recovery Description	% Gas	% Oil	% Mud	% Water
<u>300</u>	<u>Spot oil, water cut mud</u>		<u>1</u>	<u>40</u>	<u>59</u>
<u>900</u>	<u>water cut mud</u>			<u>40</u>	<u>60</u>
<u>900</u>	<u>water cut mud</u>			<u>30</u>	<u>80</u>
	<u>Chlorides</u>				
	<u>19,000</u>				

Total Feet Recovered 2100 Recovery Chlorides 19,000 Rw. 0.0 ohms @ 0.0 Degrees

Gravity of oil \_\_\_\_\_ Corrected Gas to Surface in \_\_\_\_\_ minutes into the \_\_\_\_\_

Max. Gas Gauged \_\_\_\_\_ MCF/day See Gas Flow Report Was a gas sample taken \_\_\_\_\_

Comments \_\_\_\_\_

Extra Equipment-Jars yes Safety Joint yes Circulating Sub \_\_\_\_\_ Straddle yes

Electronic Recorder No. 3088 Depth 3455 Extra Packer (3rd) yes Hook Wall \_\_\_\_\_

Bottom Recorder No. 47441 Depth 3547 Extra Packer (4th) \_\_\_\_\_ Sampler \_\_\_\_\_

Tool Operator [Signature] Approved By \_\_\_\_\_

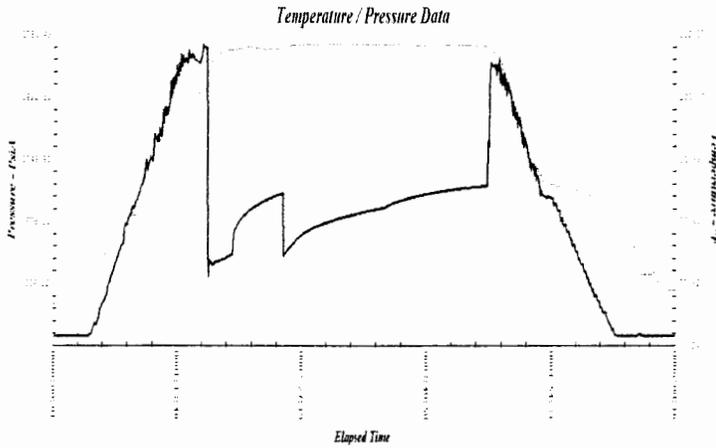
Ticket No. **15097**

# SUPERIOR TESTERS ENTERPRISES L.L.C.

1(800)792-6902

## DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530



Test Serial Number: 003  
Test Date: 08-30-07 07:00:00

<b>1</b>	Initial Hydrostatic Pressure	1710
<b>2</b>	Initial Flow Pressure	467
<b>3</b>	Final Initial Flow Pressure	480
<b>4</b>	Initial Shut-In Pressure	843
<b>5</b>	Initial Final Flow Pressure	474
<b>6</b>	Final Flow Pressure	760
<b>7</b>	Final Shut-In Pressure	887
<b>8</b>	Final Hydrostatic Pressure	1621

Maximum Temperature      112

### GENERAL INFORMATION

COMPANY NAME ..... GILBERT STEWART OPERATING L.L.C	
TEST DATE ..... 8/30/07	LEASE AND WELL NUMBER ..... DDK #9
SECTION-TOWN-RANGE ..... 22-20-12W	FORMATION TESTED ..... ARBUCKLE
STATE ..... KANSAS	DRILL STEM TEST NUMBER ..... 5
COUNTY ..... BARTON	REPORT NUMBER ..... 15097
ELEVATION GROUND LEVEL ..... 1825	ELEVATION KELLY BUSHINGS ..... 1833
COMPANY REPRESENTATIVE ..... ADAM KENNEDY	TESTING ENGINEER ..... JARED SCHECK

### TOOL SETTING INFORMATION

TEST INTERVAL (From) ..... 3440	TOP PACKER DEPTH ..... 3435
TEST INTERVAL (to) ..... 3456	BOTTOM PACKER DEPTH ..... 3440
ANCHOR LENGTH ..... 16	NUMBER OF PACKERS ..... 3
TOTAL DEPTH (ft) ..... 3550	PACKER SIZE ..... 6 3/4
	HOLE SIZE ..... 7 7/8

### FLOW TIMES

<i>INITIAL OPEN</i>		<i>FINAL OPEN</i>	
TOOL OPEN (from) ..... 5:01A		TOOL OPEN (from) ..... 5:46	
TOOL OPEN (to) ..... 5:16		TOOL OPEN (to) ..... 6:46	
DURATION (min.) ..... 15		DURATION (min.) ..... 60	
<i>INITIAL SHUT-IN</i>		<i>FINAL SHUT-IN</i>	
TOOL CLOSED (from) ..... 5:16		TOOL CLOSED (from) ..... 6:46	
TOOL CLOSED (to) ..... 5:46		TOOL CLOSED (to) ..... 7:46	
DURATION (min.) ..... 30		DURATION (min.) ..... 60	

**INITIAL FLOW**      FAIR TO STRONG BLOW BUILT BOTTOM OF BUCKET IN 2 MIN  
NO BLOW BACK

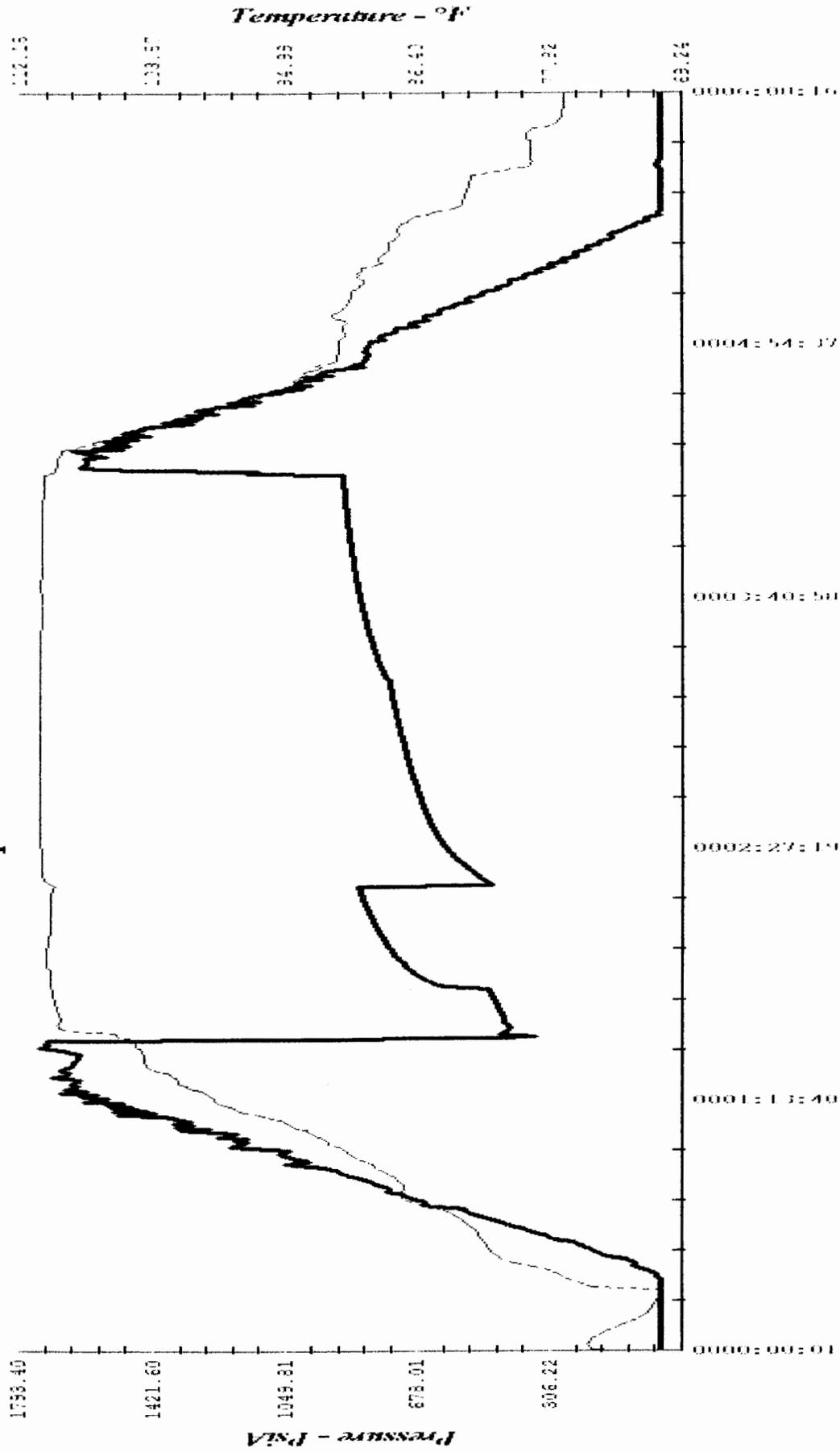
**FINAL FLOW**      FAIR TO STRONG BLOW BUILT BOTTOM OF BUCKET IN 2 MIN  
NO BLOW BACK

Company: GILBERT STEWART OPERATING L.L.C      Lease & Well No. DDK #9      Test #: 5      Date: 8-30-07      SEC. 22  
 TWP. 20      RGE. 12





# Temperature / Pressure Data



Tool serial number: 4023  
Test start: 08/30/2007 09:44:49