

Carter Family Trust 1-3
15-15922473-0000

3-18s-9w
SE SW SE

330 FSL 1800 FEL

Superior Testers Enterprises, Inc.

R.R. 3, Box 295B, Great Bend, Kansas 67530

(316) 792-6902

Date 10-24-05 Location 3-18-9 Elevation 1735 County Rice

Company Samuel Gary + Associates, Inc Number of Copies 5

Charts Mailed to 11670 Broadway, Suite 3300 Denver, CO 80202

Drilling Contractor Tom Ferdal

Length Drill Pipe 3188 I.D. Drill Pipe 3.8 Tool Joint Size 4 1/2 XH

Length Weight Pipe _____ I.D. Weight Pipe _____ Tool Joint Size _____

Length Drill Collars _____ I.D. Drill Collars _____ Tool Joint Size _____

Top Packer Depth 3189 Bottom Packer Depth 3194 Number of Packers 2 Packer Size 6 3/4

TESTED FROM 3194 TO 3228 ANCHOR LENGTH 34 TOTAL DEPTH 3228 Hole Size 7 7/8

LEASE & WELL NO. Carter Family Trust 1-3 FORMATION TESTED Penner Sand TEST NO. 1

Mud Weight 9.2 Viscosity 53 Water Loss 8.8 Chlorides - Pits 8-100 D.S.T. _____

Maximum Temp. 106 °F Initial Hydrostatic Pressure (A) 1609 P.S.I. Final Hydrostatic Pressure (H) 1570 P.S.I.

Tool Open I.F.P. from 3:00 p.m. to 3:20 p.m. 20 min

from [B] <u>41</u> P.S.I. to [C] <u>42</u> P.S.I.
[D] <u>713</u> P.S.I.
from [E] <u>42</u> P.S.I. to [F] <u>50</u> P.S.I.
[G] <u>Co24</u> P.S.I.

Tool Closed I.C.I.P. from 3:20 p.m. to 4:20 p.m. 60 min

Tool Open F.F.P. from 4:20 p.m. to 5:35 p.m. 75 min

Tool Closed F.C.I.P. from 5:35 p.m. to 7:35 p.m. 120 min

Initial Blow Weak Blow 1 1/2 inches into Bucket in 20 min

Final Blow Weak Blow 2 inches into Bucket in 75

Total Feet Recovered 15 feet mud Gravity of Oil _____ Corrected

15 Feet of mud % Gas _____ % Oil _____ % Mud _____ % Water _____

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Remarks _____

Extra Equipment - Jars yes Safety Joint yes Extra Packer _____ Straddle _____ Hook Wall _____

Top Recorder No. 4023 Clock No. Electronic Depth 3224 Cir. Sub _____ Sampler _____

Bottom Recorder No. 3228 Clock No. 47447 Depth 3225 Insurance _____

Price of Job _____

Tool Operator Paul Schell

Approved By _____
NO 14677

Superior Testers Enterprises, Inc. shall not be liable for damage 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, 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.

3-18-9w

SUPERIOR TESTERS ENTERPRISES INC.

DRILL STEM TEST REPORT

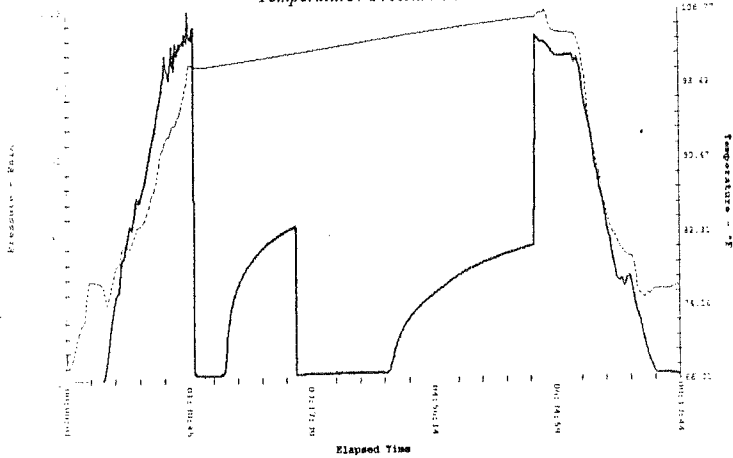
GREAT BEND, KANSAS 67530

(800)792-6902

Company: SAMUEL GARY & ASSOCIATES INC
0-24-05 SEC. 3 TWP. 18 RGE. 9

Lease & Well No. CARTER FAMILY TRUST 1-3 Test #: 1 Date:

Temperature / Pressure Data



1	Initial Hydrostatic Pressure	1609
2	Initial Flow Pressure	41
3	Final Initial Flow Pressure	42
4	Initial Shut-In Pressure	713
5	Initial Final Flow Pressure	42
6	Final Flow Pressure	50
7	Final Shut-In Pressure	624
8	Final Hydrostatic Pressure	1570
	Maximum Temperature	106

GENERAL INFORMATION

COMPANY NAME SAMUEL GARY & ASSOCIATES INC

TEST DATE 10/24/05

SECTION-TOWN-RANGE 3-18S-9

STATE KANSAS

COUNTY RICE

ELEVATION GROUND LEVEL 1735

COMPANY REPRESENTATIVE TOM FERTAL

LEASE AND WELL NUMBER CARTER FAMILY TRUST

FORMATION TESTED

DRILL STEM TEST NUMBER 1

REPORT NUMBER 14677

ELEVATION KELLY BUSHINGS

TESTING ENGINEER JARED SCHECK

TOOL SETTING INFORMATION

TEST INTERVAL (From) 3194

TEST INTERVAL (to) 3228

ANCHOR LENGTH 34

TOTAL DEPTH (ft) 3228

TOP PACKER DEPTH 3189

BOTTOM PACKER DEPTH 3194

NUMBER OF PACKERS 2

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

TOOL OPEN (from) 3:00P

INITIAL OPEN

TOOL OPEN (to) 3:20P

DURATION (min.) 20

TOOL OPEN (from) 4:20P

FINAL OPEN

TOOL OPEN (to) 5:35P

DURATION (min.) 75

TOOL CLOSED (from) 3:20P

INITIAL SHUT-IN

TOOL CLOSED (to) 4:20P

DURATION (min.) 60

TOOL CLOSED (from) 5:35P

FINAL SHUT-IN

TOOL CLOSED (to) 7:35P

DURATION (min.) 120

INITIAL FLOW

WEAK BLOW 1 INCH INTO BUCKET IN 20 MIN

FINAL FLOW

WEAK BLOW 2 1/2 INCH INTO BUCKET IN 75 MIN

FEET OF	RECOVERY	%	%	%	%
Recovery	DESCRIPTION	GAS	OIL	MUD	WATER
1) 15	mud				
2)					
3)					
4)					
5)					
6)					

SUPERIOR TESTERS ENTERPRISES INC.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (800)792-6902

GENERAL INFORMATION

COMPANY NAME SAMUEL GARY & ASSOCIATES INC
TEST DATE 10/24/05
SECTION-TOWN-RANGE 3-18S-9
STATE KANSAS
COUNTY RICE
ELEVATION GROUND LEVEL 1735
COMPANY REPRESENTATIVE TOM FERTAL
LEASE AND WELL NUMBER CARTER FAMILY TRUST 1-3
FORMATION TESTED
DRILL STEM TEST NUMBER 1
REPORT NUMBER 14677
ELEVATION KELLY BUSHINGS
TESTING ENGINEER JARED SCHECK

EXTRA EQUIPMENT

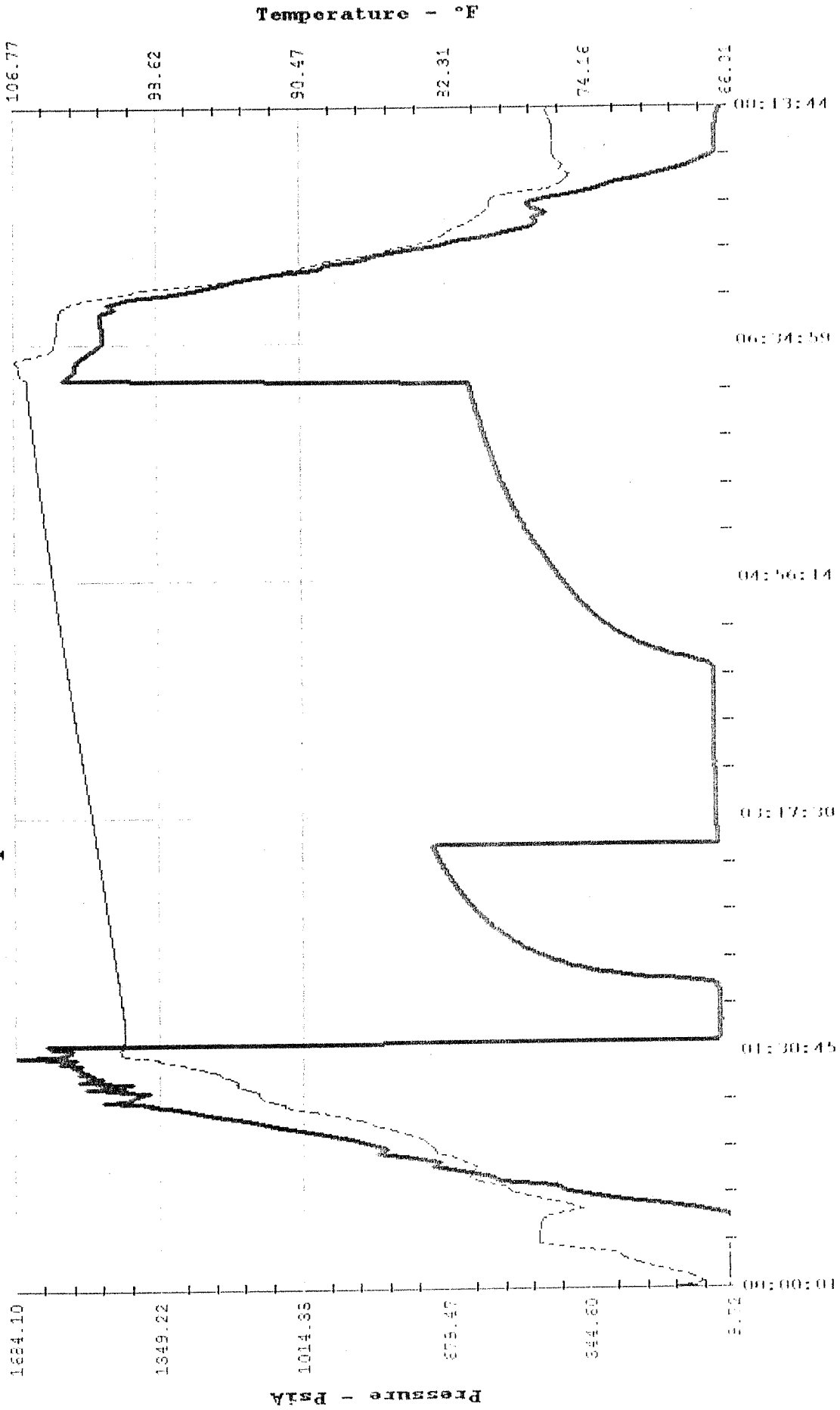
JARS YES
SAFETY JOINT YES
ELECTRONIC RECORDER YES
CIRCULATING SUB NO
66 MILES ROUND TRIP FROM GREAT BEND
TOP RECORDER DEPTH 3224
RECORDER NUMBER 91981
EXTRA PACKER (3RD) NO
EXTRA PACKER (4TH) NO
STRADDLE NO
HOOK WALL NO
SAMPLER NO
BOTTOM RECORDER DEPTH 3225
RECORDER NUMBER 5463

WELL INFORMATION

DRILLING CONTRACTOR PETROMARK DRILLING RIG 2
DRILL PIPE LENGTH 3168
DRILL PIPE I.D. 3.8
TOOL JOINT SIZE 4 1/2 X.H.
WEIGHT PIPE LENGTH
WEIGHT PIPE I.D. 2.25
TOOL JOINT SIZE 4 1/2 X.H.
DRILL COLLAR LENGTH
DRILL COLLAR I.D. 2.25
TOOL JOINT SIZE 4 1/2 X.H.
MUD WEIGHT #GAL 9.2
VISCOSITY 53
WATER LOSS 8.8
CHLORIDES-PITS 8,000
CHLORIDES-DST

COMMENTS

Temperature / Pressure Data



SAMUEL GARY & ASSOCIATES INC CARTER FAMILY TRUST 1-3 3-18S-9 10-24-05

Superior Testers Enterprises, Inc.

R.R. 3, Box 295B, Great Bend, Kansas 67530

(316) 792-6902

Date 10-25-05 Location 3-18-9 Elevation 1735 County Rice

Company Samuel Gary + Associates Number of Copies 5

Charts Mailed to 1670 Broadway Suite 3300 Denver CO 80202

Drilling Contractor Tom Ferial

Length Drill Pipe 3196 I.D. Drill Pipe 3.8 Tool Joint Size 4 1/2 XH

Length Weight Pipe _____ I.D. Weight Pipe _____ Tool Joint Size _____

Length Drill Collars _____ I.D. Drill Collars _____ Tool Joint Size _____

Top Packer Depth 3217 Bottom Packer Depth 3222 Number of Packers 2 Packer Size 6 3/4

TESTED FROM 3222 TO 3250 ANCHOR LENGTH 28 TOTAL DEPTH 3250 Hole Size 7 7/8

EASE & WELL NO. Carter Family 1-3 FORMATION TESTED Arbuckle TEST NO. 2

Mud Weight 9.2 Viscosity 53 Water Loss 8.8 Chlorides - Pits 8000 D.S.T. _____

Maximum Temp. _____ °F Initial Hydrostatic Pressure (A) _____ P.S.I. Final Hydrostatic Pressure (H) _____ P.S.I.

Tool Open I.F.P. from _____ m to _____ m _____ min

Tool Closed I.C.I.P. from _____ m to _____ m _____ min

Tool Open F.F.P. from _____ m to _____ m _____ min

Tool Closed F.C.I.P. from _____ m to _____ m _____ min

Initial Blow _____

Final Blow _____

Total Feet Recovered 180 feet mud Gravity of Oil _____ Corrected

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

Remarks _____

Extra Equipment - Jars yes Safety Joint yes Extra Packer _____ Straddle _____ Hook Wall _____

Top Recorder No. 4023 Clock No. Electronic Depth 3246 Cir. Sub _____ Sampler _____

Bottom Recorder No. 3088 Clock No. 97441 Depth 3249 Insurance _____

Price of Job _____

Tool Operator Paul Schultz

Approved By _____

No 14678

from [B] _____ P.S.I. to [C] _____ P.S.I.
[D] _____ P.S.I.
from [E] _____ P.S.I. to [F] _____ P.S.I.
[G] _____ P.S.I.

Packer Failed

Superior Testers Enterprises, Inc. shall not be liable for damage 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, 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.

SUPERIOR TESTERS ENTERPRISES INC.

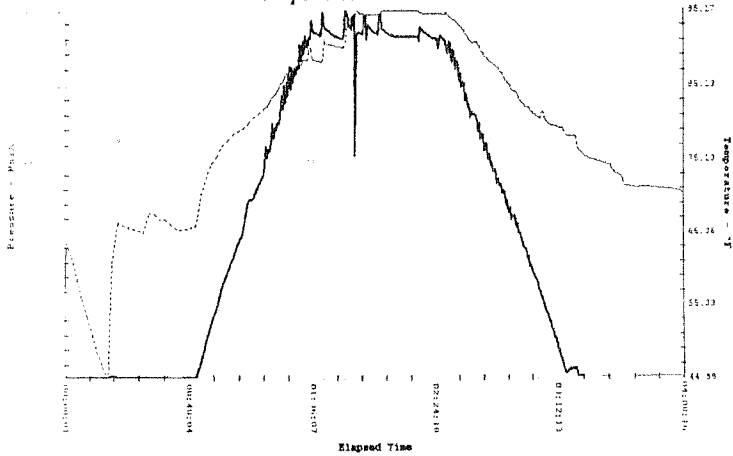
DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

(800)792-6902

Company: SAMUEL GARY & ASSOCIATES INC
 SEC. 3 TWP. 18 RGE. 9
 Lease & Well No. CARTER FAMILY 1-3
 Test #: 2 Date: 10-25-05

Temperature / Pressure Data



- 1 Initial Hydrostatic Pressure
- 2 Initial Flow Pressure
- 3 Final Initial Flow Pressure
- 4 Initial Shut-In Pressure
- 5 Initial Final Flow Pressure
- 6 Final Flow Pressure
- 7 Final Shut-In Pressure
- 8 Final Hydrostatic Pressure

Maximum Temperature

GENERAL INFORMATION

COMPANY NAME SAUEL GARY & ASSOCIATES INC

TEST DATE 10/25/05

LEASE AND WELL NUMBER CARTER FAIMLY 1-3

SECTION-TOWN-RANGE 3-18W-9

FORMATION TESTED ARBUCKLE

STATE KANSAS

DRILL STEM TEST NUMBER 2

COUNTY RICE

REPORT NUMBER 14678

ELEVATION GROUND LEVEL 1735

ELEVATION KELLY BUSHINGS 1740

COMPANY REPRESENTATIVE TOM FERTAL

TESTING ENGINEER GENE BUDIG

TOOL SETTING INFORMATION

TEST INTERVAL (From) 3222

TOP PACKER DEPTH 3217

TEST INTERVAL (to) 3250

BOTTOM PACKER DEPTH 3222

ANCHOR LENGTH 28

NUMBER OF PACKERS 2

TOTAL DEPTH (ft) 3250

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

TOOL OPEN (from)

TOOL OPEN (from)

INITIAL OPEN TOOL OPEN (to)

FINAL OPEN TOOL OPEN (to)

DURATION (min.)

DURATION (min.)

TOOL CLOSED (from)

TOOL CLOSED (from)

INITIAL SHUT-IN TOOL CLOSED (to)

FINAL SHUT-IN TOOL CLOSED (to)

DURATION (min.)

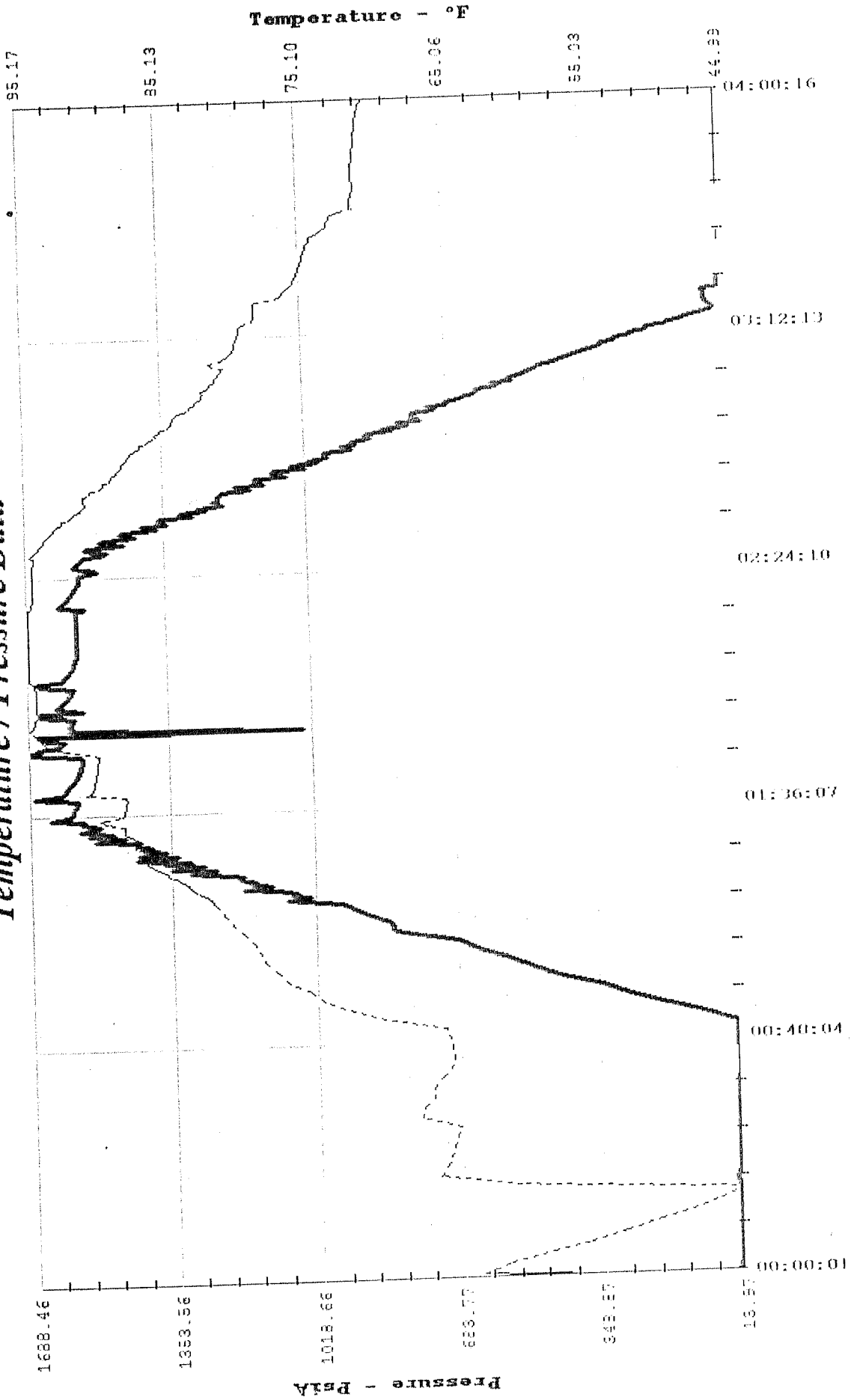
DURATION (min.)

INITIAL FLOW

FINAL FLOW

FEET OF	RECOVERY	RECOVERY DESCRIPTION	%	%	%	%
Recovery			GAS	OIL	MUD	WATER
1) 360		mud				
2)						
3)						
4)						
5)						
6)						

Temperature / Pressure Data



10-25-05

3-18W-9

CARTER FAMILY 1-3

SAMUEL GARY & ASSOCIATES INC

Superior Testers Enterprises, Inc.

R.R. 3, Box 295B, Great Bend, Kansas 67530
(316) 792-6902

Date 10-25-05 Location 3-18-9 Elevation 1735 County Rice
 Company Samuel Gary & Associates Inc Number of Copies 5
 Charts Mailed to 1670 Broadway Suite 3300 Denver CO 80202
 Drilling Contractor Tom Fertal
 Length Drill Pipe 3147 I.D. Drill Pipe 3-8 Tool Joint Size 4 1/2 XH
 Length Weight Pipe _____ I.D. Weight Pipe _____ Tool Joint Size _____
 Length Drill Collars _____ I.D. Drill Collars _____ Tool Joint Size _____
 Top Packer Depth 3168 Bottom Packer Depth 3173 Number of Packers 2 Packer Size 6 3/4
 TESTED FROM 3173 TO 3250 ANCHOR LENGTH 77 TOTAL DEPTH 3250 Hole Size 7 7/8
 LEASE & WELL NO. Carter family 1-3 FORMATION TESTED Arbuckle TEST NO. 3
 Mud Weight 9.2 Viscosity 55 Water Loss 8.8 Chlorides - Pits 8,000 D.S.T. 15,000
 Maximum Temp. 110 °F Initial Hydrostatic Pressure (A) 1667 P.S.I. Final Hydrostatic Pressure (H) 1203 P.S.I.

Tool Open I.F.P. from 12:48 a.m. to 1:03 p.m. 15 min
 Tool Closed I.C.I.P. from 1:03 p.m. to 1:48 p.m. 45 min
 Tool Open F.F.P. from 1:48 p.m. to 2:33 p.m. 45 min
 Tool Closed F.C.I.P. from 2:33 p.m. to 3:48 p.m. 75 min

from [B] 83 P.S.I. to [C] 121 P.S.I.
 [D] 792 P.S.I.
 from [E] 131 P.S.I. to [F] 201 P.S.I.
 [G] 742 P.S.I.

Initial Blow Strong Blow Bottom Bracket in 12 min
 Final Blow Strong Blow Bottom of Bracket in 15 min

Feet of	Material	% Gas	% Oil	% Mud	% Water
<u>65</u>	<u>Mud cut oil</u>	<u>5</u>	<u>15</u>	<u>80</u>	<u>0</u>
<u>60</u>	<u>Mud cut gas</u>	<u>20</u>	<u>10</u>	<u>60</u>	<u>10</u>
<u>120</u>	<u>Mud cut water</u>	<u>8</u>	<u>2</u>	<u>45</u>	<u>45</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

Remarks _____

Extra Equipment - Jars yes Safety Joint yes Extra Packer _____ Straddle _____ Hook Wall _____

Top Recorder No. 4023 Clock No. Electronic Depth 3246 Ctr. Sub _____ Sampler _____
 Bottom Recorder No. 3088 Clock No. 47441 Depth 3246 Insurance _____

Price of Job _____
 Tool Operator [Signature]
 Approved By [Signature]
 NO 14679

Superior Testers Enterprises, Inc. shall not be liable for damage 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, 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.

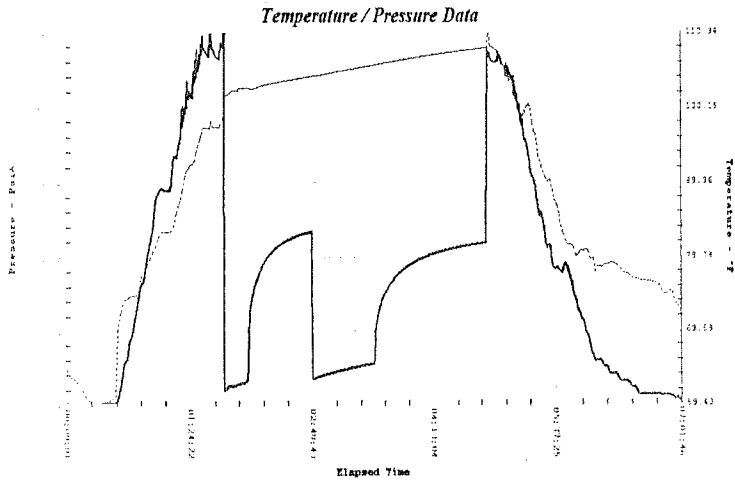
SUPERIOR TESTERS ENTERPRISES INC.

DRILL STEM TEST REPORT

(800)792-6902

GREAT BEND, KANSAS 67530

Company: SAMUEL GARY & ASSOCIATES INC
 05 SEC. 3 TWP. 18 RGE. 9
 Lease & Well No. CARTER FAMILY 1-3
 Test #: 3 Date: 10-25-



1	Initial Hydrostatic Pressure	1667
2	Initial Flow Pressure	83
3	Final Initial Flow Pressure	121
4	Initial Shut-In Pressure	792
5	Initial Final Flow Pressure	131
6	Final Flow Pressure	201
7	Final Shut-In Pressure	742
8	Final Hydrostatic Pressure	1203

Maximum Temperature 110

GENERAL INFORMATION

COMPANY NAME SAMUEL GARY & ASSOCIATES INC

TEST DATE 10/25/05

LEASE AND WELL NUMBER CARTER FAMILY 1-3

SECTION-TOWN-RANGE 3-18W-9

FORMATION TESTED ARBUCKLE

STATE KANSAS

DRILL STEM TEST NUMBER 3

COUNTY RICE

REPORT NUMBER 14679

ELEVATION GROUND LEVEL 1735

ELEVATION KELLY BUSHINGS 1740

COMPANY REPRESENTATIVE TOM FERTAL

TESTING ENGINEER GENE BUDIG

TOOL SETTING INFORMATION

TEST INTERVAL (From) 3173

TOP PACKER DEPTH 3168

TEST INTERVAL (to) 3250

BOTTOM PACKER DEPTH 3173

ANCHOR LENGTH 77

NUMBER OF PACKERS 2

TOTAL DEPTH (ft) 3250

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

TOOL OPEN (from) 12:48A

TOOL OPEN (from) 1:48P

INITIAL OPEN TOOL OPEN (to) 1:03P

FINAL OPEN TOOL OPEN (to) 2:33P

DURATION (min.) 15

DURATION (min.) 45

TOOL CLOSED (from) 1:03P

TOOL CLOSED (from) 2:33P

INITIAL SHUT-IN TOOL CLOSED (to) 1:48P

FINAL SHUT-IN TOOL CLOSED (to) 3:48P

DURATION (min.) 45

DURATION (min.) 75

INITIAL FLOW STRONG BLOW BOTTOM OF BUCKET IN 11 MIN

FINAL FLOW STRONG BLOW BOTTOM OF BUCKET IN 15MIN

FEET OF Recovery	RECOVERY DESCRIPTION		% GAS	% OIL	% MUD	% WATER
	1) 65	MUD CUT OIL		5	15	80
2) 60	MUD CUT GAS		20	10	50	10
3) 120	MUD CUT WATER		8	2	45	45
4) 60	Gas in the Pipe					
5)						
6)						

SUPERIOR TESTERS ENTERPRISES INC.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (800)792-6902

GENERAL INFORMATION

COMPANY NAME **SAMUEL GARY & ASSOCIATES INC**
TEST DATE **10/25/05** LEASE AND WELL NUMBER **CARTER FAMILY 1-3**
SECTION-TOWN-RANGE **3-18W-9** FORMATION TESTED **ARBUCKLE**
STATE **KANSAS** DRILL STEM TEST NUMBER **3**
COUNTY **RICE** REPORT NUMBER **14679**
ELEVATION GROUND LEVEL **1735** ELEVATION KELLY BUSHINGS **1740**
COMPANY REPRESENTATIVE **TOM FERTAL** 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**
TOP RECORDER DEPTH **3246** SAMPLER **NO**
RECORDER NUMBER **91981** **66 MILES ROUND TRIP FROM GREAT BEND**
BOTTOM RECORDER DEPTH **3247**
RECORDER NUMBER **5463**

WELL INFORMATION

DRILLING CONTRACTOR **PETROMARK RIG 2**
DRILL PIPE LENGTH **3147** 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.**
WEIGHT PIPE LENGTH MUD WEIGHT #/GAL **9.2**
WEIGHT PIPE I.D. **2.25** VISCOSITY **53**
TOOL JOINT SIZE **4 1/2 X.H.** WATER LOSS **8.8**
CHLORIDES-PITS **8,000**
CHLORIDES-DST **15,000**

COMMENTS

Temperature / Pressure Data

