

SUPERIOR TESTERS ENTERPRISES L.L.C.

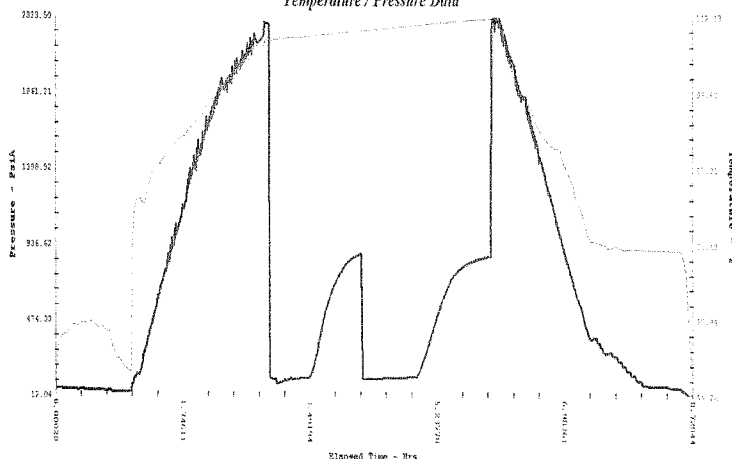
1(800)792-6902

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

Company: RITCHIE EXPLORATION, INC
TWP. 27 RGE. 23
Lease & Well No. STEELY TRUST # 3 Test #: 1 Date: 2/03/07 SEC. 17

Temperature / Pressure Data



1	Initial Hydrostatic Pressure	2288
2	Initial Flow Pressure	83
3	Final Initial Flow Pressure	123
4	Initial Shut-In Pressure	879
5	Initial Final Flow Pressure	116
6	Final Flow Pressure	128
7	Final Shut-In Pressure	865
8	Final Hydrostatic Pressure	2312

Maximum Temperature 112

GENERAL INFORMATION

COMPANY NAME RITCHIE EXPLORATION

TEST DATE 2/3/07

SECTION-TOWN-RANGE 17-27-23

STATE KANSAS

COUNTY FORD

ELEVATION GROUND LEVEL 2419

COMPANY REPRESENTATIVE MIKE ENGELBRECHT TESTING ENGINEER

LEASE AND WELL NUMBER STEELE TRUST # 3

FORMATION TESTED PAWNEE

DRILL STEM TEST NUMBER 1

REPORT NUMBER 14309

ELEVATION KELLY BUSHINGS 2429

TESTING ENGINEER DAVID NICHOLS

TOOL SETTING INFORMATION

TEST INTERVAL (From) 4738

TEST INTERVAL (to) 4768

ANCHOR LENGTH 30

TOTAL DEPTH (ft) 4768

TOP PACKER DEPTH 4733

BOTTOM PACKER DEPTH 4738

NUMBER OF PACKERS 2

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from) 6:10

TOOL OPEN (to) 6:40

DURATION (min.) 30

INITIAL SHUT-IN

TOOL CLOSED (from) 6:40

TOOL CLOSED (to) 7:25

DURATION (min.) 45

FINAL OPEN

TOOL OPEN (from) 7:25

TOOL OPEN (to) 8:10

DURATION (min.) 45

FINAL SHUT-IN

TOOL CLOSED (from) 8:10

TOOL CLOSED (to) 9:10

DURATION (min.) 60

INITIAL FLOW

FAIR BUILDING BLOW BOTTOM BUCKET IN 4 MIN

FINAL FLOW

STRONG BLOW BOTTOM BUCKET IN LESS 1 MIN

SUPERIOR TESTERS ENTERPRISES L.L.C.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (800)792-6902

GENERAL INFORMATION

COMPANY NAME	RITCHIE EXPLORATION	LEASE AND WELL NUMBER	STEELE TRUST # 3
TEST DATE	2/3/07	FORMATION TESTED	PAWNEE
SECTION-TOWN-RANGE	17-27-23	DRILL STEM TEST NUMBER	1
STATE	KANSAS	REPORT NUMBER	14309
COUNTY	FORD	ELEVATION KELLY BUSHINGS	2429
ELEVATION GROUND LEVEL	2419	TESTING ENGINEER	DAVID NICHOLS
COMPANY REPRESENTATIVE	MIKE ENGELBRECHT		

EXTRA EQUIPMENT

JARS	NO	EXTRA PACKER (3RD)	NO
SAFETY JOINT	NO	EXTRA PACKER (4TH)	NO
ELECTRONIC RECORDER	NO	STRADDLE	NO
CIRCULATING SUB	NO	HOOK WALL	NO
		SAMPLER	NO
	172 MILES ROUND TRIP FROM		GREAT BEND
TOP RECORDER DEPTH	4764	BOTTOM RECORDER DEPTH	4765
RECORDER NUMBER	4023	RECORDER NUMBER	3088

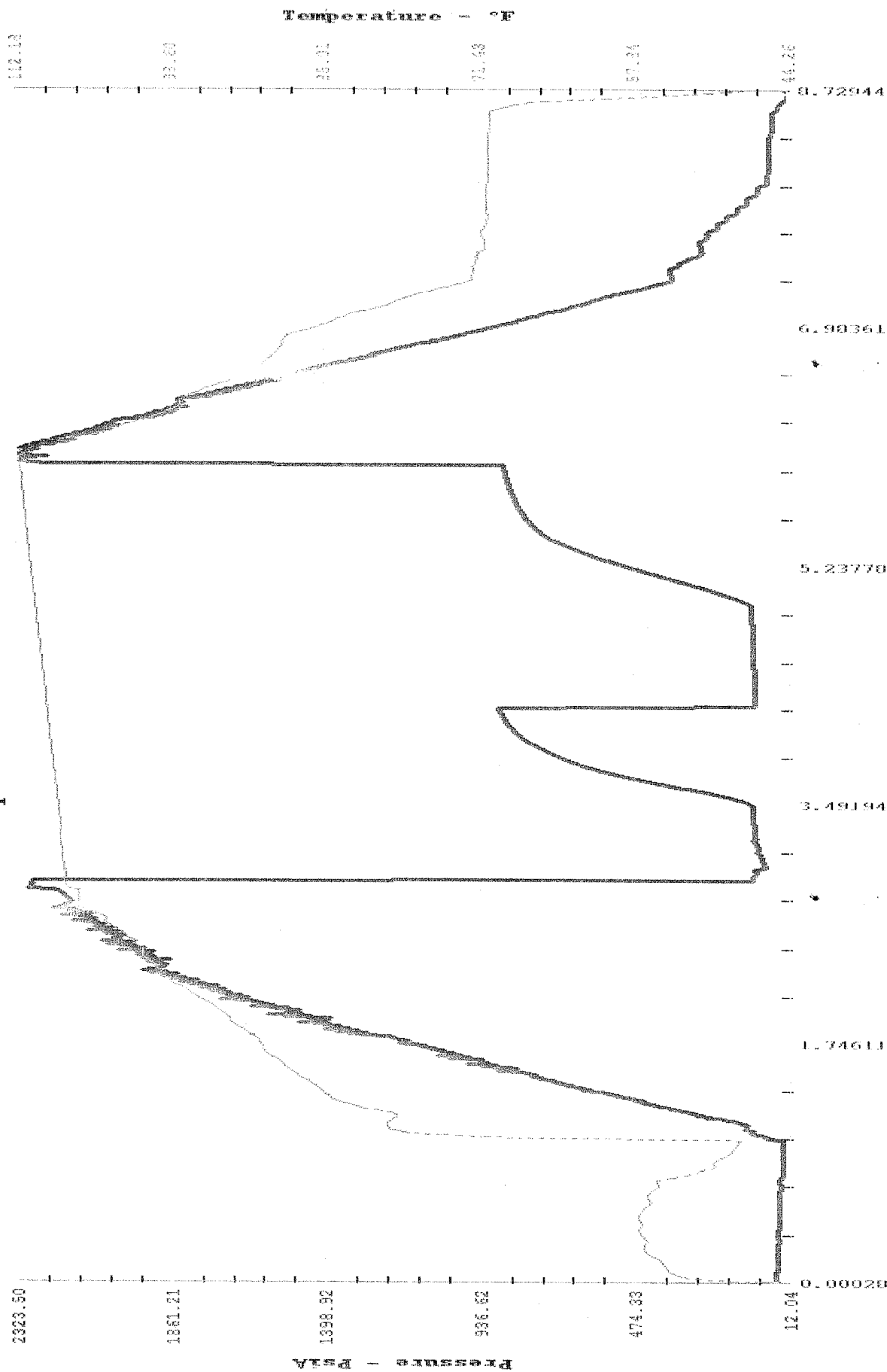
WELL INFORMATION

DRILLING CONTRACTOR	VAL ENERGY, INC RIG 1	DRILL COLLAR LENGTH	
DRILL PIPE LENGTH	4719	DRILL COLLAR I.D.	2.25
DRILL PIPE I.D.	3.8	TOOL JOINT SIZE	4 1/2 X.H.
TOOL JOINT SIZE	4 1/2 X.H.		

COMMENTS

[illegible]

Temperature / Pressure Data



Superior Testers Enterprises, Inc.

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

(316) 792-6902 K.B. 2429

Date 2-04-07 Location 17-27-23 Elevation 2419 County Ford

Company Ritchie Exploration, Inc. Number of Copies 5

Charts Mailed to PO 783 188 Wichita Ks. 67278

Drilling Contractor Val Energy, Inc.

Length Drill Pipe 4861 I.D. Drill Pipe 3.80 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 4875 Bottom Packer Depth 4880 Number of Packers 2 Packer Size 6 3/4

TESTED FROM 4880 TO 4905 ANCHOR LENGTH 25 TOTAL DEPTH 4905 Hole Size 7 1/8

LEASE & WELL NO. STEEL TRUST #3 FORMATION TESTED Morrow TEST NO. 2

Mud Weight 8.7 Viscosity 58 Water Loss 8.2 Chlorides - Pits 5400 D.S.T. -

Maximum Temp. 117 °F Initial Hydrostatic Pressure (A) 2486 P.S.I. Final Hydrostatic Pressure (H) 2387 P.S.I.

Tool Open I.F.P. from 8:20p m to 8:50 m 30 min

Tool Closed I.C.I.P. from 8:50p m to 9:35 m 45 min

Tool Open F.F.P. from 9:35 m to 10:20 m 45 min

Tool Closed F.C.I.P. from 10:20 m to 11:20 m 60 min

Initial Blow Strong blow, bottom of bucket less than 1 min.

Final Blow Strong blow, bottom of bucket right away.

Total Feet Recovered 25 Gravity of Oil - Corrected

25 Feet of Mud % Gas - % Oil 100 % 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 Gas to surface - 25 min into first opening

Gas sample taken 2nd opening

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

Top Recorder No. 91780 Clock No. ele Depth 4901 Cir. Sub - Sampler -

Bottom Recorder No. 5537 Clock No. 5463 Depth 4902 Insurance -

Price of Job -

Tool Operator ERH A. H. H.

Approved By No 14310

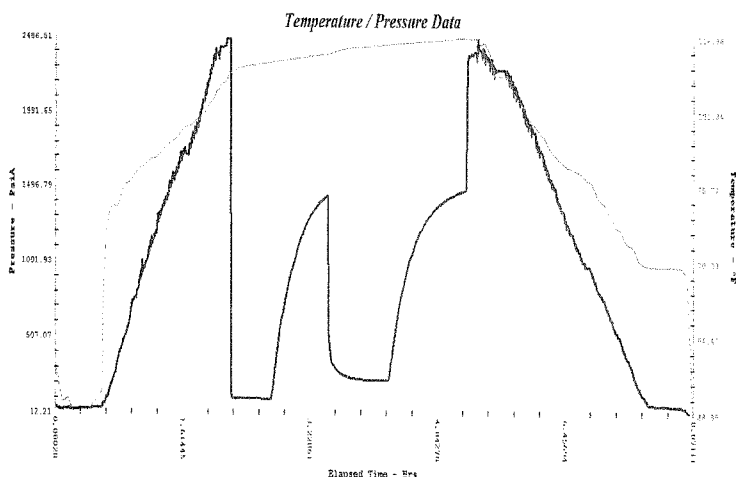
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SUPERIOR TESTERS ENTERPRISES L.L.C.

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DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530



- | | | |
|---|------------------------------|------|
| 1 | Initial Hydrostatic Pressure | 2486 |
| 2 | Initial Flow Pressure | 110 |
| 3 | Final Initial Flow Pressure | 108 |
| 4 | Initial Shut-In Pressure | 1436 |
| 5 | Initial Final Flow Pressure | 236 |
| 6 | Final Flow Pressure | 234 |
| 7 | Final Shut-In Pressure | 1478 |
| 8 | Final Hydrostatic Pressure | 2387 |

Maximum Temperature 117

GENERAL INFORMATION

COMPANY NAME RITCHIE EXPLORATION, INC	
TEST DATE 2/4/07	LEASE AND WELL NUMBER STEELE TRUST # 3
SECTION-TOWN-RANGE 17-27-23 WEST	FORMATION TESTED MORROW
STATE KANSAS	DRILL STEM TEST NUMBER 2
COUNTY FORD	REPORT NUMBER 14310
ELEVATION GROUND LEVEL 2419	ELEVATION KELLY BUSHINGS 2429
COMPANY REPRESENTATIVE MIKE ENGELBRECHT	TESTING ENGINEER DAVID NICHOLS

TOOL SETTING INFORMATION

TEST INTERVAL (From) 4880	TOP PACKER DEPTH 5
TEST INTERVAL (to) 4905	BOTTOM PACKER DEPTH 5
ANCHOR LENGTH 25	NUMBER OF PACKERS 2
TOTAL DEPTH (ft) 4905	PACKER SIZE 6 3/4
	HOLE SIZE 7 7/8

FLOW TIMES

INITIAL OPEN		FINAL OPEN	
TOOL OPEN (from) 8:20 P.M.		TOOL OPEN (from) 9:35	
TOOL OPEN (to) 8:50 P.M.		TOOL OPEN (to) 10:20	
DURATION (min.) 30 MIN		DURATION (min.) 45	
INITIAL SHUT-IN		FINAL SHUT-IN	
TOOL CLOSED (from) 8:50		TOOL CLOSED (from) 10:20	
TOOL CLOSED (to) 9:35		TOOL CLOSED (to) 11:20	
DURATION (min.) 45		DURATION (min.) 60	

INITIAL FLOW

STRONG BLOW, BOTTOM OF BUCKET IN LESS THEN 1 MIN.

FINAL FLOW

STRONG BLOW, BOTTOM OF BUCKET RIGHT AWAY

Company: RITCHIE EXPLORATION, INC. Lease & Well No. STEELE TRUST #3 Test #: #2 Date: 2-04-07 SEC. 17
 TWP. 27 RGE. 23

SUPERIOR TESTERS ENTERPRISES L.L.C.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (800)792-6902

GENERAL INFORMATION

COMPANY NAME	RITCHIE EXPLORATION , INC	LEASE AND WELL NUMBER	STEELE TRUST # 3
TEST DATE	2/4/07	FORMATION TESTED	MORROW
SECTION-TOWN-RANGE	17-27-23 WEST	DRILL STEM TEST NUMBER	2
STATE	KANSAS	REPORT NUMBER	14310
COUNTY	FORD	ELEVATION KELLY BUSHINGS	2429
ELEVATION GROUND LEVEL	2419	TESTING ENGINEER	DAVID NICHOLS
COMPANY REPRESENTATIVE	MIKE ENGELBRECHT		

EXTRA EQUIPMENT

JARS	NO	EXTRA PACKER (3RD)	NO
SAFETY JOINT	NO	EXTRA PACKER (4TH)	NO
ELECTRONIC RECORDER	NO	STRADDLE	NO
CIRCULATING SUB	NO	HOOK WALL	NO
	172 MILES ROUND TRIP FROM	SAMPLER	NO
			GREAT BEND
TOP RECORDER DEPTH	4901	BOTTOM RECORDER DEPTH	4902
RECORDER NUMBER	4023	RECORDER NUMBER	3088

WELL INFORMATION

DRILLING CONTRACTOR	VAL RIG #1	DRILL COLLAR LENGTH	
DRILL PIPE LENGTH	4861	DRILL COLLAR I.D.	2.25
DRILL PIPE I.D.	3.8	TOOL JOINT SIZE	4 1/2 X.H.
TOOL JOINT SIZE	4 1/2 X.H.		

COMMENTS

GAS TO SURFACE -25 MIN INTO FIRST OPENING
GAS SAMPLE WAS TAKEN AT END OF SECOND OPENING

SUPERIOR TESTERS ENTERPRISES L.L.C.

GREAT BEND, KANSAS

GAS FLOW RATE

(800) 792-6902

#

STATE.....	KANSAS	Test Date	1/0/1900
COUNTY.....	FORD	Sec Town Range	17-27-23 WEST
FIELD.....		Report Number	14310

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)
TOOL OPENED AT 8:20PM GAS TO SURFACE IN 25 MIN	8:50	30	30			1/4	9.200

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)
TOOL OPEN AT 9:35	9:45	10	22			3/8	16.700
	9:55	20	24			3/8	17.400
	10:05	30	24			3/8	17.400
	10:15	40	24			3/8	17.400
	10:20	45	24			3/8	17.400

Was there a gas sample taken

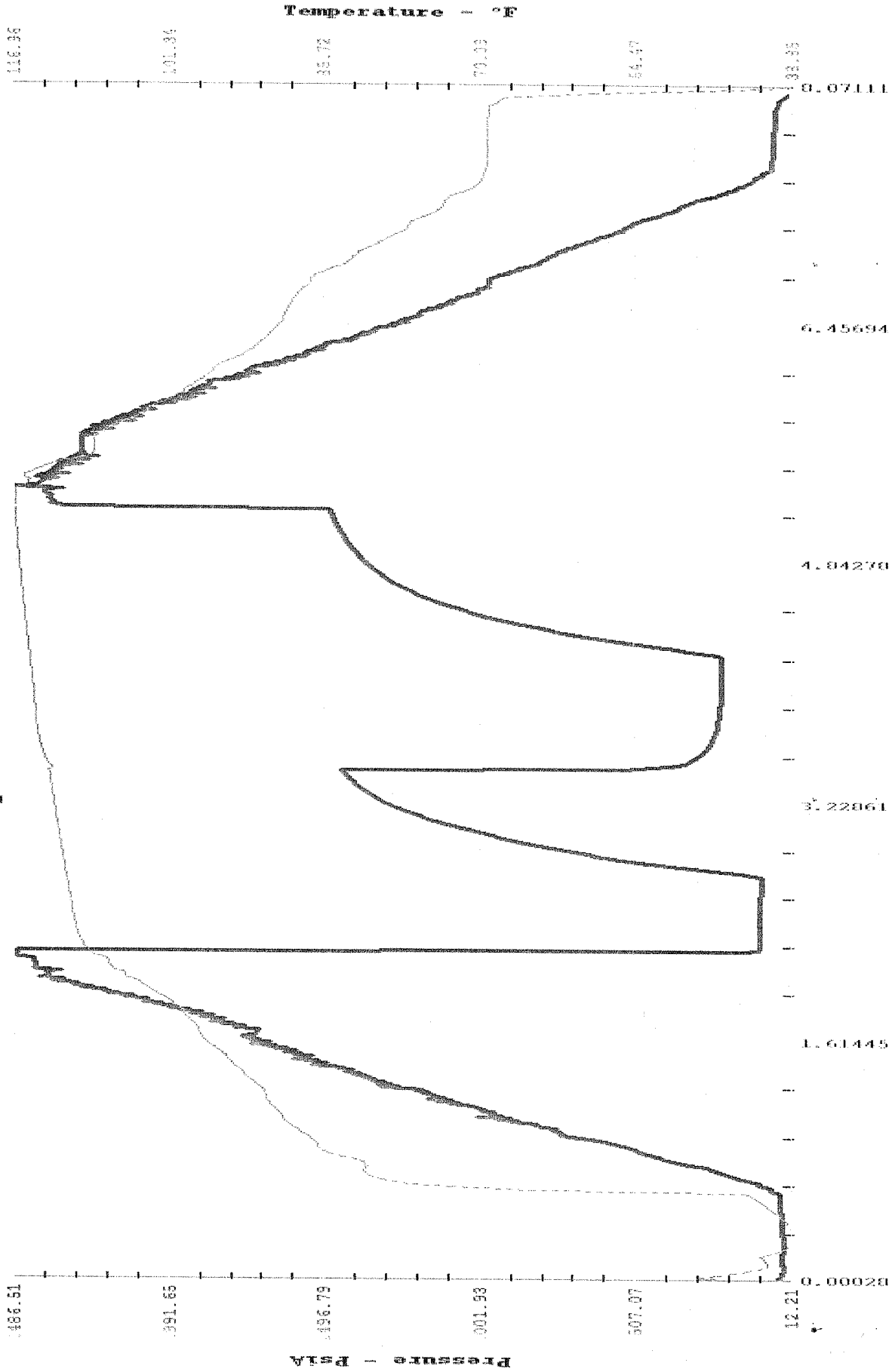
YES

Recovery Sample Description

Great Bend, Kansas 67530

[illegible]

Temperature / Pressure Data



Superior Testers Enterprises, Inc.

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

(316) 792-6902

KB2429

Date 2-05-07 Location 17-27-23 W Elevation 2419 County Ford

Company Ritchie Exploration, Inc. Number of Copies 5

Charts Mailed to PO 783188 Wichita KS. 67278

Drilling Contractor Val Energy, Inc.

Length Drill Pipe 4914 I.D. Drill Pipe 3.80 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 4928 Bottom Packer Depth 4933 Number of Packers 2 Packer Size 6 3/4

TESTED FROM 4933 TO 4975 ANCHOR LENGTH 42 TOTAL DEPTH 4975 Hole Size 7 1/8

LEASE & WELL NO. STEEL THURST #3 FORMATION TESTED MISSISSIPPIAN TEST NO. 3

Mud Weight 9.1 Viscosity 52 Water Loss 8.0 Chlorides - Pits 4000 D.S.T. —

Maximum Temp. 123 °F Initial Hydrostatic Pressure (A) 2515 P.S.I. Final Hydrostatic Pressure (H) 2429 P.S.I.

Tool Open I.F.P. from 4:30 p.m. to 5:00 m 30 min

Tool Closed I.C.I.P. from 5:00 m to 5:45 m 45 min

Tool Open F.F.P. from 5:45 m to 6:30 m 45 min

Tool Closed F.C.I.P. from 6:30 m to 7:30 m 60 min

from [B] 118 P.S.I. to [C] 189 P.S.I.
[D] 1528 P.S.I.
from [E] 199 P.S.I. to [F] 260 P.S.I.
[G] 1513 P.S.I.

Initial Blow weak building blow, 14 min to the bottom of the bucket

Final Blow Very weak building blow, 17 min to bottom of bucket

Total Feet Recovered 325 Gravity of Oil — Corrected —

<u>120</u> Feet of <u>Mud</u>	% Gas <u>—</u>	% Oil <u>100</u>	% Mud <u>—</u>	% Water <u>—</u>
<u>60</u> Feet of <u>Mud cut water</u>	% Gas <u>—</u>	% Oil <u>20</u>	% Mud <u>80</u>	% Water <u>—</u>
<u>120</u> Feet of <u>Mud cut water</u>	% Gas <u>—</u>	% Oil <u>5</u>	% Mud <u>95</u>	% Water <u>—</u>
<u>60</u> Feet of <u>slight water cut mud</u>	% Gas <u>—</u>	% Oil <u>90</u>	% Mud <u>10</u>	% Water <u>—</u>
<u>540</u> Feet of <u>gas in pipe</u>	% Gas <u>100</u>	% Oil <u>—</u>	% Mud <u>—</u>	% Water <u>—</u>
Feet of <u>—</u>	% Gas <u>—</u>	% Oil <u>—</u>	% Mud <u>—</u>	% Water <u>—</u>
Feet of <u>—</u>	% Gas <u>—</u>	% Oil <u>—</u>	% Mud <u>—</u>	% Water <u>—</u>
Feet of <u>—</u>	% Gas <u>—</u>	% Oil <u>—</u>	% Mud <u>—</u>	% Water <u>—</u>
Feet of <u>—</u>	% Gas <u>—</u>	% Oil <u>—</u>	% Mud <u>—</u>	% Water <u>—</u>

Remarks —

Extra Equipment - Jars — Safety Joint — Extra Packer — Straddle — Hook Wall —

Top Recorder No. 91986 Clock No. ELEC. Depth 4971 Cir. Sub — Sampler —

Bottom Recorder No. 4337 Clock No. 5463 Depth 4972 Insurance —

Price of Job —

Tool Operator Scott A. Miller

Approved By —

No 14311

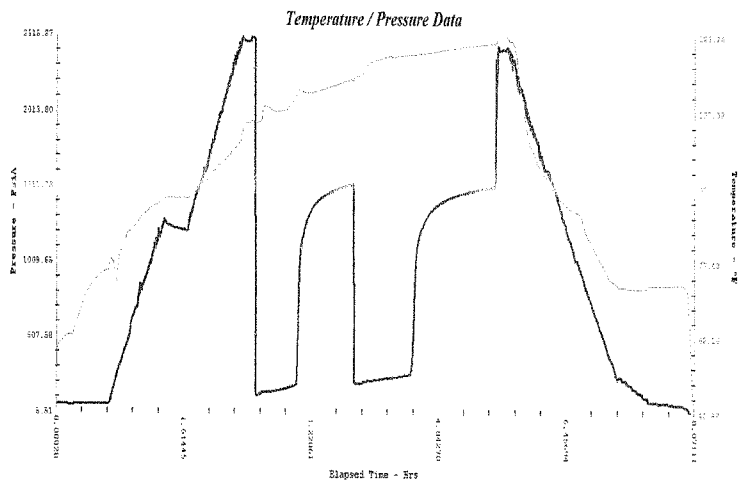
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SUPERIOR TESTERS ENTERPRISES L.L.C.

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DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530



1	Initial Hydrostatic Pressure	2515
2	Initial Flow Pressure	118
3	Final Initial Flow Pressure	189
4	Initial Shut-In Pressure	1528
5	Initial Final Flow Pressure	199
6	Final Flow Pressure	260
7	Final Shut-In Pressure	1513
8	Final Hydrostatic Pressure	2429

Maximum Temperature 123

GENERAL INFORMATION

COMPANY NAME RITCHIE EXPLORATION, INC.	
TEST DATE 2/5/07	LEASE AND WELL NUMBER STEELE TRUST # 3
SECTION-TOWN-RANGE 17-27-23 W	FORMATION TESTED MISSISSIPPIAN
STATE KANSAS	DRILL STEM TEST NUMBER 3
COUNTY FORD	REPORT NUMBER 14311
ELEVATION GROUND LEVEL 2419	ELEVATION KELLY BUSHINGS 2429
COMPANY REPRESENTATIVE MIKE ENGELBRECHT TESTING ENGINEER	 DAVID NICHOLS

TOOL SETTING INFORMATION

TEST INTERVAL (From) 4933	TOP PACKER DEPTH 4928
TEST INTERVAL (to) 4975	BOTTOM PACKER DEPTH 4933
ANCHOR LENGTH 42	NUMBER OF PACKERS 2
TOTAL DEPTH (ft) 4975	PACKER SIZE 6 3/4
	HOLE SIZE 7 7/8

FLOW TIMES

INITIAL OPEN		FINAL OPEN	
TOOL OPEN (from) 4:30		TOOL OPEN (from) 5:45	
TOOL OPEN (to) 5:00		TOOL OPEN (to) 6:30	
DURATION (min.) 30 MIN		DURATION (min.) 45 MIN	
INITIAL SHUT-IN		FINAL SHUT-IN	
TOOL CLOSED (from) 5:00		TOOL CLOSED (from) 6:30	
TOOL CLOSED (to) 5:45		TOOL CLOSED (to) 7:30	
DURATION (min.) 45 MIN		DURATION (min.) 60 MIN	

INITIAL FLOW

WEAK BUILDING BLOW, BOTTOM OF BUCKET IN 14 MIN.

FINAL FLOW

VERY WEAK BUILDING BLOW, BOTTOM OF BUCKET IN 17 MIN.

Company: RITCHIE EXPLORATION, INC. Lease & Well No. STEELE TRUST # 3 Test #: 3 Date: 2-05-07 SEC. 17
TWP. 27 RGE. 23

SUPERIOR TESTERS ENTERPRISES L.L.C.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (800)792-6902

GENERAL INFORMATION

COMPANY NAME	RITCHIE EXPLORATION, INC.	LEASE AND WELL NUMBER	STEELE TRUST # 3
TEST DATE	2/5/07	FORMATION TESTED	MISSISSIPPIAN
SECTION-TOWN-RANGE	17-27-23 W	DRILL STEM TEST NUMBER	3
STATE	KANSAS	REPORT NUMBER	14311
COUNTY	FORD	ELEVATION KELLY BUSHINGS	2429
ELEVATION GROUND LEVEL	2419	TESTING ENGINEER	DAVID NICHOLS
COMPANY REPRESENTATIVE	MIKE ENGELBRECHT		

EXTRA EQUIPMENT

JARS	NO	EXTRA PACKER (3RD)	NO
SAFETY JOINT	NO	EXTRA PACKER (4TH)	NO
ELECTRONIC RECORDER	NO	STRADDLE	NO
CIRCULATING SUB	NO	HOOK WALL	NO
		SAMPLER	NO
	172 MILES ROUND TRIP FROM		GREAT BEND
TOP RECORDER DEPTH	4971	BOTTOM RECORDER DEPTH	4972
RECORDER NUMBER	4023	RECORDER NUMBER	3088

WELL INFORMATION

DRILLING CONTRACTOR	VAL RIG # 3	DRILL COLLAR LENGTH	
DRILL PIPE LENGTH	4914	DRILL COLLAR I.D.	2.25
DRILL PIPE I.D.	3.8	TOOL JOINT SIZE	4 1/2 X.H.
TOOL JOINT SIZE	4 1/2 X.H.		

COMMENTS

[illegible]

Temperature / Pressure Data

