

6-17s-30w
15-101-22028

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

(800) 792-6962

Company Ritchie Exploration Inc.
Address PO BOX 793188 Wichita, KS 67278
Lease & # Sharp #2 Sec. 06 Twp 17 Rng 30W
Date 7-15-2007 County Lane Elevation 2890 G.L. 2900 K.B.
Drilling Contractor Murfin #21
Drill Pipe Length 3760 I.D. of Drill Pipe 3.8 Tool Joint Size 4.5
Drill Collar Length 216 I.D. of Drill Collars 2.5 Tool Joint Size 4.5
Mud Weight 9.7 Viscosity 44 Filtrate 9.2 Chlorides-Pits 1100 DST Ⓢ
Top Packer Depth 3973 Bottom Packer Depth 3978 Number of Packers 2
Tested From 3978 to 4004 Total Depth 4004 Anchor Length 26'
Test # 1 Formation Tested Lansing C Hole Size 7 7/8
Initial Blow weak surging blow built to 11'

Initial Blow weathervaning blow Blow back on the 1st Shut-in no
Final Blow no blow Flushed tool still no blow Blow back on the 2nd Shut-in no
Initial Hydrostatic 1502 P.S.I. Final Hydrostatic 1543 P.S.I. Maximum Temp. 119 F

Initial Opening	338 P.S.I. to 315 P.S.I.	from 12:02A to 12:47A	45 minutes
Initial Shut-in	624 P.S.I.	from 12:47A to 1:32A	45 minutes
Final Opening	324 P.S.I. to 317 P.S.I.	from 1:32A to 2:19A	45 minutes
Final Shut-in	590 P.S.I.	from 2:19A to 2:49A	30 minutes

[illegible]

Total Feet Recovered 36 Recovery Chlorides 1100 Rw. _____ ohms @ _____ 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 Wired / packer

Extra Equipment-Jars 9022 Safety Joint _____ Circulating Sub _____ Straddle _____
Electronic Recorder No. 4027 Depth 4000 Extra Packer (3rd) _____ Hook Wall _____
Bottom Recorder No. 3088 Depth 4001 Extra Packer (4th) _____ Sampler _____
Tool Operator Mc Approved By _____

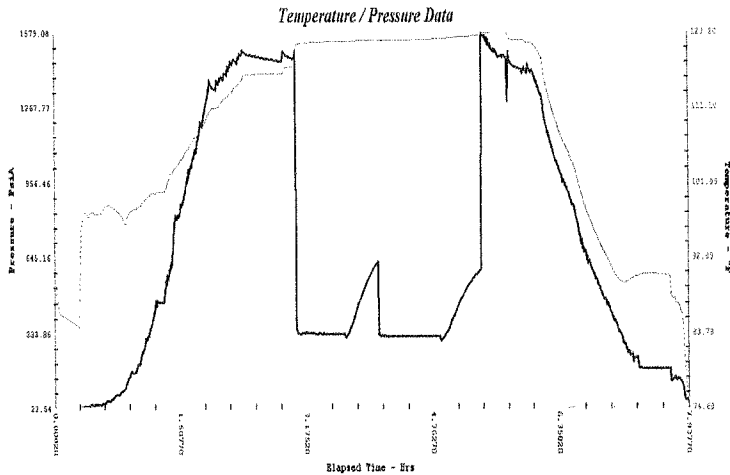
Ticket No. 15183

SUPERIOR TESTERS ENTERPRISES L.L.C.

1(800)792-6902

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530



GREAT BEND, KANSAS 67530 (800) 792-6902

RUINED 1 PACKER

Drill Stem Test Report

Recovery Sample Description

Great Bend, Kansas 67530

1-800-792-6902

[illegible]

Temperature / Pressure Data



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

Company Ritchie Exploration Inc.
 Address PO Box 783188 Wichita, KS 67278
 Lease & # Sharp #2 Sec. 06 Twp 17 Rng 30W
 Date 7-15-2007 County Chaney Elevation 2890 G.L. 2900 K.B.
 Drilling Contractor Murfin #21 Tool Joint Size 4.5
 Drill Pipe Length 3849 I.D. of Drill Pipe 3.8 Tool Joint Size 4.5
 Drill Collar Length 186 I.D. of Drill Collars 2.5 DST
 Mud Weight 9.3 Viscosity 46 Filtrate 8.8 Chlorides-Pits 1200
 Top Packer Depth 4025 Bottom Packer Depth 4030 Number of Packers 2
 Tested From 4030 to 4066 Total Depth 4066 Anchor Length 36'
 Test # 2 Formation Tested Canisius E, F Hole Size 7 7/8
 Initial Blow surface blow built to 4" Blow back on the 1st Shut-in NO
 Final Blow surface blow built to 7.5" Blow back on the 2nd Shut-in NO

Final Blow 200 Blow back on the 2nd 200
Initial Hydrostatic 1595 P.S.I. Final Hydrostatic 1848 P.S.I. Maximum Temp. _____ F
200 6:40 m to 6:20 m 30 minutes

Initial Hydrostatic		P.S.I.		from		to		minutes	
Initial Opening	261	P.S.I. to	308	P.S.I.	from	9:40	to	6:20	70
Initial Shut-in	1107	P.S.I.		P.S.I.	from	6:20	to	7:05	45
Final Opening	318	P.S.I. to	320	P.S.I.	from	7:05	to	7:50	45
Final Shut-in	1084	P.S.I.		P.S.I.	from	7:50	to	8:50	60

[illegible]

Total Feet Recovered 187 Recovery Chlorides 1100 Rv. _____ ohms @ _____ 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 _____

Comments _____

Extra Equipment-Jars _____	Safety Joint _____	Circulating Sub _____	Straddle _____
Electronic Recorder No. <u>4023</u>	Depth <u>4962</u>	Extra Packer (3rd) _____	Hook Wall _____
Bottom Recorder No. <u>3088</u>	Depth <u>4063</u>	Extra Packer (4th) _____	Sampler _____
Tool Operator <u>Jme</u>		Approved By _____	

Ticket No 15184

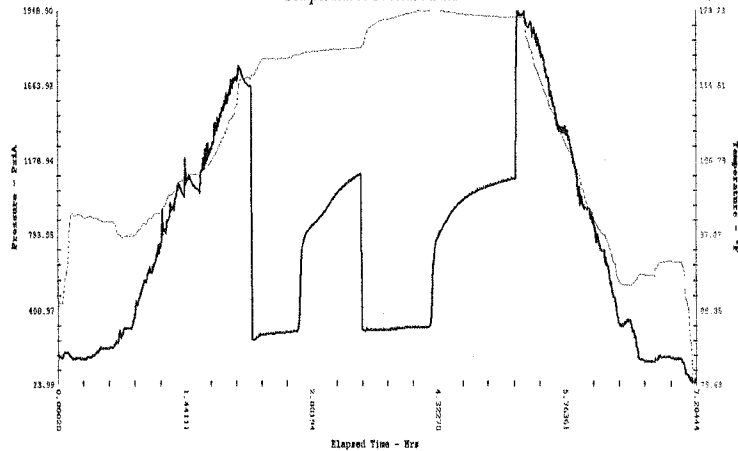
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DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

Temperature / Pressure Data



1	Initial Hydrostatic Pressure	1555
2	Initial Flow Pressure	261
3	Final Initial Flow Pressure	308
4	Initial Shut-In Pressure	1107
5	Initial Final Flow Pressure	318
6	Final Flow Pressure	320
7	Final Shut-In Pressure	1084
8	Final Hydrostatic Pressure	1848

Maximum Temperature 122

GENERAL INFORMATION

COMPANY NAME RITCHIE EXPLORATION INC.

TEST DATE 7/15/07

SECTION-TOWN-RANGE 06-17-30W

STATE KANSAS

COUNTY LANE

ELEVATION GROUND LEVEL 2890

COMPANY REPRESENTATIVE MIKE ENGELBRECHT TESTING ENGINEER

LEASE AND WELL NUMBER SHARP #2

FORMATION TESTED LANSING E, F

DRILL STEM TEST NUMBER 2

REPORT NUMBER 15184

ELEVATION KELLY BUSHINGS 2900

..... KEVIN WEBSTER

TOOL SETTING INFORMATION

TEST INTERVAL (From) 4030

TEST INTERVAL (to) 4066

ANCHOR LENGTH 36

TOTAL DEPTH (ft) 4066

TOP PACKER DEPTH 4025

BOTTOM PACKER DEPTH 4030

NUMBER OF PACKERS 2

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from) 5:50

TOOL OPEN (to) 6:20

DURATION (min.) 30

INITIAL SHUT-IN

TOOL CLOSED (from) 6:20

TOOL CLOSED (to) 7:05

DURATION (min.) 45

FINAL OPEN

TOOL OPEN (from) 7:05

TOOL OPEN (to) 7:50

DURATION (min.) 45

FINAL SHUT-IN

TOOL CLOSED (from) 7:50

TOOL CLOSED (to) 8:50

DURATION (min.) 60

INITIAL FLOW

SURFACE BLOW BUILT TO 4"

FINAL FLOW

SURFACE BLOW BUILT TO 3.5 "

Company: RITCHIE EXPLORATION INC. Lease & Well No. SHARP#2 Test #: 2 Date: 07/15/07 SEC. 06
 TWP. 17 RGE. 30W

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	SHARP #2
TEST DATE	7/15/07	FORMATION TESTED	LANSING E , F
SECTION-TOWN-RANGE	06-17-30W	DRILL STEM TEST NUMBER	2
STATE	KANSAS	REPORT NUMBER	15184
COUNTY	LANE	ELEVATION KELLY BUSHINGS	2900
ELEVATION GROUND LEVEL	2890	TESTING ENGINEER	KEVIN WEBSTER
COMPANY REPRESENTATIVE	MIKE ENGELBRECHT		

EXTRA EQUIPMENT

JARS	NO	EXTRA PACKER (3RD)	NO
SAFETY JOINT	NO	EXTRA PACKER (4TH)	NO
ELECTRONIC RECORDER	YES	STRADDLE	NO
CIRCULATING SUB	NO	HOOK WALL	NO
	246 MILES ROUND TRIP FROM	SAMPLER	NO
			GREAT BEND
TOP RECORDER DEPTH	4062	BOTTOM RECORDER DEPTH	4063
RECORDER NUMBER	4023	RECORDER NUMBER	3088

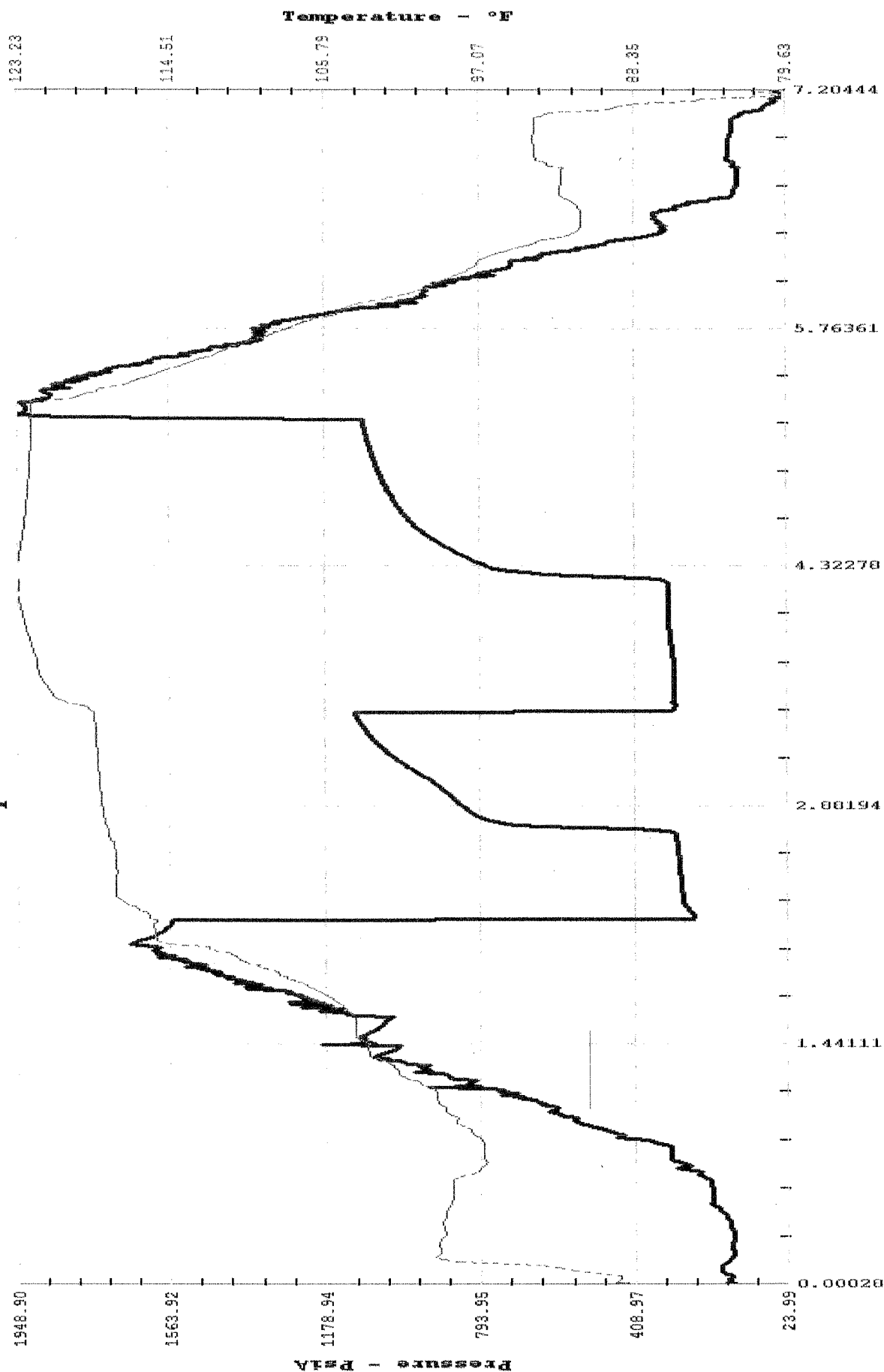
WELL INFORMATION

DRILLING CONTRACTOR	MURFIN #21	DRILL COLLAR LENGTH	186
DRILL PIPE LENGTH	3849	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 L.L.C.

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

(800) 792-6902

Company Ritchie Exploration Inc.
 Address P.O. Box 783188
 Lease & # Sharp #2 Sec. 06 Twp 17 Rng 30W
 Date 7-16-07 County Lane Elevation 2890 G.L. 2900 K.B.
 Drilling Contractor Murphy #21
 Drill Pipe Length 4009 I.D. of Drill Pipe 3.8 Tool Joint Size 4.5
 Drill Collar Length 186 I.D. of Drill Collars 2.25 Tool Joint Size 4.5
 Mud Weight 9.3 Viscosity 54 Filtrate 9.2 Chlorides-Pits 1300 DST
 Top Packer Depth 4186 Bottom Packer Depth 4191 Number of Packers 2
 Tested From 4191 to 4227 Total Depth 4227 Anchor Length 36
 Test # 7 Formation Tested Lansing Hole Size 7 7/8
 Initial Blow Weak blow built to 4"

Blow back on the 1st Shut-in NO

Final Blow Weak surface blow built to bottom of bucket in 32 minutes
 Blow back on the 2nd Shut-in NO

Initial Hydrostatic 2119 P.S.I. Final Hydrostatic 1915 P.S.I. Maximum Temp. 121 F

Initial Opening	<u>194</u> P.S.I. to <u>238</u> P.S.I.	from <u>7:50 P</u> m to <u>8:20 P</u> m	<u>30</u> minutes
Initial Shut-in	<u>189</u> P.S.I.	from <u>8:20 P</u> m to <u>9:05 P</u> m	<u>45</u> minutes
Final Opening	<u>260</u> P.S.I. to <u>324</u> P.S.I.	from <u>9:05 P</u> m to <u>9:50 P</u> m	<u>45</u> minutes
Final Shut-in	<u>1071</u> P.S.I.	from <u>9:50 P</u> m to <u>10:30 P</u> m	<u>60</u> minutes

Feet	Recovery Description	% Gas	% Oil	% Mud	% Water
<u>124</u>	<u>water cut mud</u>			<u>70</u>	<u>30</u>
<u>124</u>	<u>Muddy water</u>			<u>25</u>	<u>25</u>
<u>124</u>	<u>very slightly muddy water</u>			<u>5</u>	<u>45</u>
<u>62</u>	<u>Muddy water</u>			<u>50</u>	<u>50</u>

Total Feet Recovered 434 Recovery Chlorides 52000 Rw. _____ ohms @ _____ 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 _____ Safety Joint _____ Circulating Sub _____ Straddle _____

Electronic Recorder No. 4022 Depth 4227 Extra Packer (3rd) _____ Hook Wall _____

Bottom Recorder No. 3080 Depth 4227 Extra Packer (4th) _____ Sampler _____

Tool Operator 1m Approved By _____

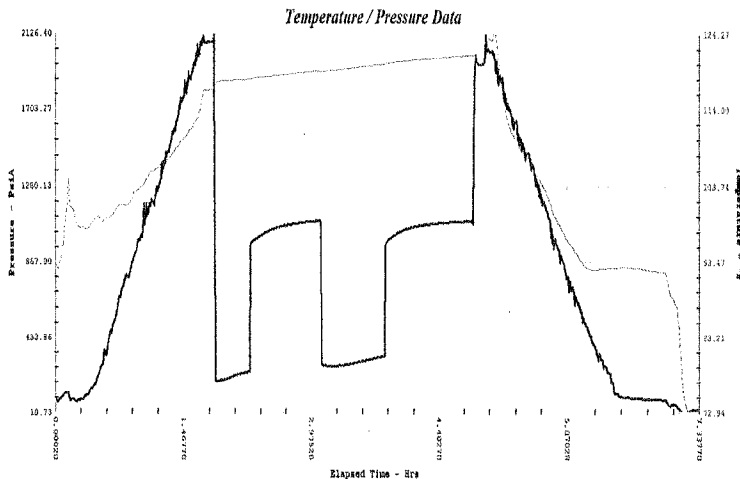
Ticket No. 15185

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DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530



1	Initial Hydrostatic Pressure	2119
2	Initial Flow Pressure	184
3	Final Initial Flow Pressure	238
4	Initial Shut-In Pressure	1085
5	Initial Final Flow Pressure	280
6	Final Flow Pressure	324
7	Final Shut-In Pressure	1071
8	Final Hydrostatic Pressure	1915

Maximum Temperature 121

GENERAL INFORMATION

COMPANY NAME RITCHIE EXPLORATION INC.

TEST DATE 7/16/07

SECTION-TOWN-RANGE 06-17-30W

STATE KANSAS

COUNTY LANE

ELEVATION GROUND LEVEL 2890

COMPANY REPRESENTATIVE MIKE ENGELBRECHT TESTING ENGINEER

LEASE AND WELL NUMBER SHARP #2

FORMATION TESTED LANSING J

DRILL STEM TEST NUMBER 3

REPORT NUMBER 15185

ELEVATION KELLY BUSHINGS 2900

..... KEVIN WEBSTER

TOOL SETTING INFORMATION

TEST INTERVAL (From) 4191

TEST INTERVAL (to) 4227

ANCHOR LENGTH 36

TOTAL DEPTH (ft) 4227

TOP PACKER DEPTH 4186

BOTTOM PACKER DEPTH 4191

NUMBER OF PACKERS 2

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from) 7:50

TOOL OPEN (to) 8:20

DURATION (min.) 30

FINAL OPEN

TOOL OPEN (from) 9:05

TOOL OPEN (to) 9:50

DURATION (min.) 45

INITIAL SHUT-IN

TOOL CLOSED (from) 8:20

TOOL CLOSED (to) 9:05

DURATION (min.) 45

FINAL SHUT-IN

TOOL CLOSED (from) 9:50

TOOL CLOSED (to) 10:50

DURATION (min.) 60

INITIAL FLOW

WEAK BLOW BUILT TO 8"

FINAL FLOW

WEAK SURFACE BLOW BUILT TO BOTTOM OF BUCKET IN 32 MINUTES

Company: RITCHIE EXPLORATION INC. Lease & Well No. SHARP #2 Test #: 3 Date: 7/16/07 SEC. 06 TWP. 17 RGE. 30W

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	SHARP #2
TEST DATE	7/16/07	FORMATION TESTED	LANSING J
SECTION-TOWN-RANGE	06-17-30W	DRILL STEM TEST NUMBER	3
STATE	KANSAS	REPORT NUMBER	15185
COUNTY	LANE	ELEVATION KELLY BUSHINGS	2900
ELEVATION GROUND LEVEL	2890	TESTING ENGINEER	KEVIN WEBSTER
COMPANY REPRESENTATIVE	MIKE ENGELBRECHT		

EXTRA EQUIPMENT

JARS	NO	EXTRA PACKER (3RD)	NO
SAFETY JOINT	NO	EXTRA PACKER (4TH)	NO
ELECTRONIC RECORDER	YES	STRADDLE	NO
CIRCULATING SUB	NO	HOOK WALL	NO
		SAMPLER	NO
	46 MILES ROUND TRIP FROM	GREAT BEND	
TOP RECORDER DEPTH	4223	BOTTOM RECORDER DEPTH	4224
RECORDER NUMBER	4023	RECORDER NUMBER	3088

WELL INFORMATION

DRILLING CONTRACTOR	MURFIN #21	DRILL COLLAR LENGTH	186
DRILL PIPE LENGTH	4005	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

Drill Stem Test Report

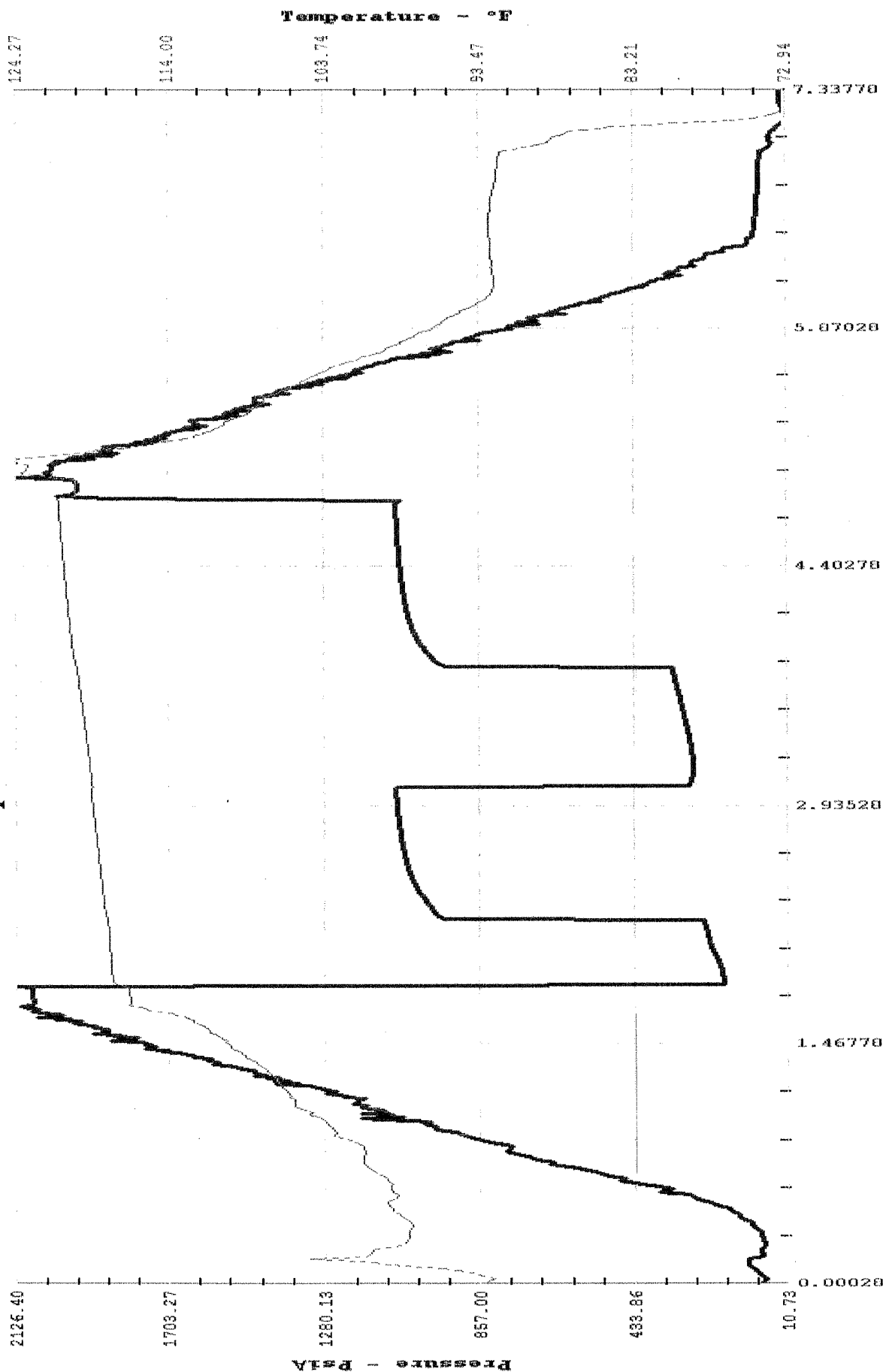
Recovery Sample Description

1-800-792-6902

Great Bend, Kansas 67530

Drill Pipe	I.D.	Feet		Recovery Description For Drill Pipe	Gas	Oil	Mud	Water	Total bbls.
4 1/2	3.82	62		WATER CUT MUD			70%	30%	0.8804
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
Drill Collars	I.D.			Recovery Description For Drill Collars	0.0000	0.0000	0.6163	0.2641	
	2.25	124		MUDDY WATER			25%	75%	0.6076
		124		VERY SLIGHTLY MUDDY WATER			5%	95%	0.6076
		124		MUDDY WATER			50%	50%	0.6076
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
Total Recovery		434	Feet	Total bbls. Recovered From Drill Pipe	0.0000	0.0000	0.6163	0.2641	Total
				Total bbls. Recovered From Drill Collars	0.0000	0.0000	0.4861	1.3367	bbls
				Total bbls Recovered	0.0000	0.0000	1.1024	1.6008	2.7032
					Gas	Oil	Mud	Water	
MUD WEIGHT #/GAL		9.3		Resistivity		ohms @		Degrees	
VISCOSITY		54		Recovery Chlorides	52000	ppm			
WATER LOSS		9.2		Pit Chlorides	1300	ppm			
				4 1/2 inch Drill Pipe 3.83 I.D. Drill Collars 2.25 I.D					
				SHARP #2 06-17-30W 7/16/07 DST #3 LANSING J					
				RITCHIE EXPLORATION INC.					

Temperature / Pressure Data



(800) 792-6902

Final Blow _____ Blow back on the 1st Shut-in _____

Initial Hydrostatic _____ P.S.I. Final Hydrostatic _____ P.S.I. Maximum Temp. _____ F

Initial Opening	P.S.I. to	P.S.I.	from	:	m to	:	m	minutes
Initial Shut-in		P.S.I.	from	:	m to	:	m	minutes
Final Opening	P.S.I. to	P.S.I.	from	:	m to	:	m	minutes
Final Shut-in		P.S.I.	from	:	m to	:	m	minutes

[illegible]

Total Feet Recovered _____ Recovery Chlorides _____ R.w. _____ ohms @ _____ 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 Hit bridge 12 stands in came out of the
HP

Extra Equipment-Jars _____ Safety Joint _____ Circulating Sub _____ Straddle _____
Electronic Recorder No. 4023 Depth 4382 Extra Packer (3rd) _____ Hook Wall _____
Bottom Recorder No. 2086 Depth 4383 Extra Packer (4th) _____ Sampler _____
Tool Operator ms _____ Approved By _____

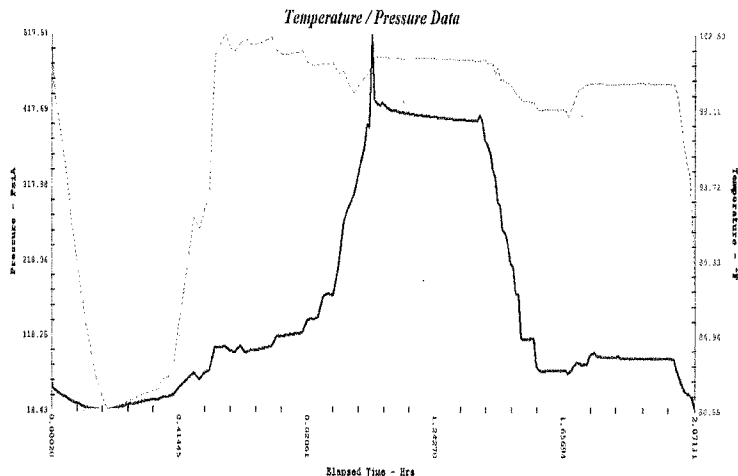
Ticket No. 15186

SUPERIOR TESTERS ENTERPRISES L.L.C.

1(800)792-6902

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530



- 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 RITCHIE EXPLORATION INC.

TEST DATE 7/17/07

SECTION-TOWN-RANGE 06-17-30W

STATE KANSAS

COUNTY LANE

ELEVATION GROUND LEVEL 2890

COMPANY REPRESENTATIVE MIKE ENGELBRECHT TESTING ENGINEER

LEASE AND WELL NUMBER SHARP #2

FORMATION TESTED ALTAMONT

DRILL STEM TEST NUMBER 4

REPORT NUMBER 15186

ELEVATION KELLY BUSHINGS 2900

..... KEVIN WEBSTER

TOOL SETTING INFORMATION

TEST INTERVAL (From) 4338

TEST INTERVAL (to) 4386

ANCHOR LENGTH 48

TOTAL DEPTH (ft) 4386

TOP PACKER DEPTH 4333

BOTTOM PACKER DEPTH 4338

NUMBER OF PACKERS 2

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from)

TOOL OPEN (to)

DURATION (min.)

FINAL OPEN

TOOL OPEN (from)

TOOL OPEN (to)

DURATION (min.)

INITIAL SHUT-IN

TOOL CLOSED (from)

TOOL CLOSED (to)

DURATION (min.)

FINAL SHUT-IN

TOOL CLOSED (from)

TOOL CLOSED (to)

DURATION (min.)

INITIAL FLOW

MISS RUN

FINAL FLOW

Company: RITCHIE EXPLORATION INC. Lease & Well No. SHARP Test #: 4 Date: 7 / 17 / 07 SEC. 06 TWP. 17
RGE. 30W

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	SHARP #2
TEST DATE	7/17/07	FORMATION TESTED	ALTAMONT
SECTION-TOWN-RANGE	06-17-30W	DRILL STEM TEST NUMBER	4
STATE	KANSAS	REPORT NUMBER	15186
COUNTY	LANE	ELEVATION KELLY BUSHINGS	2900
ELEVATION GROUND LEVEL	2890	TESTING ENGINEER	KEVIN WEBSTER
COMPANY REPRESENTATIVE	MIKE ENGELBRECHT		

EXTRA EQUIPMENT

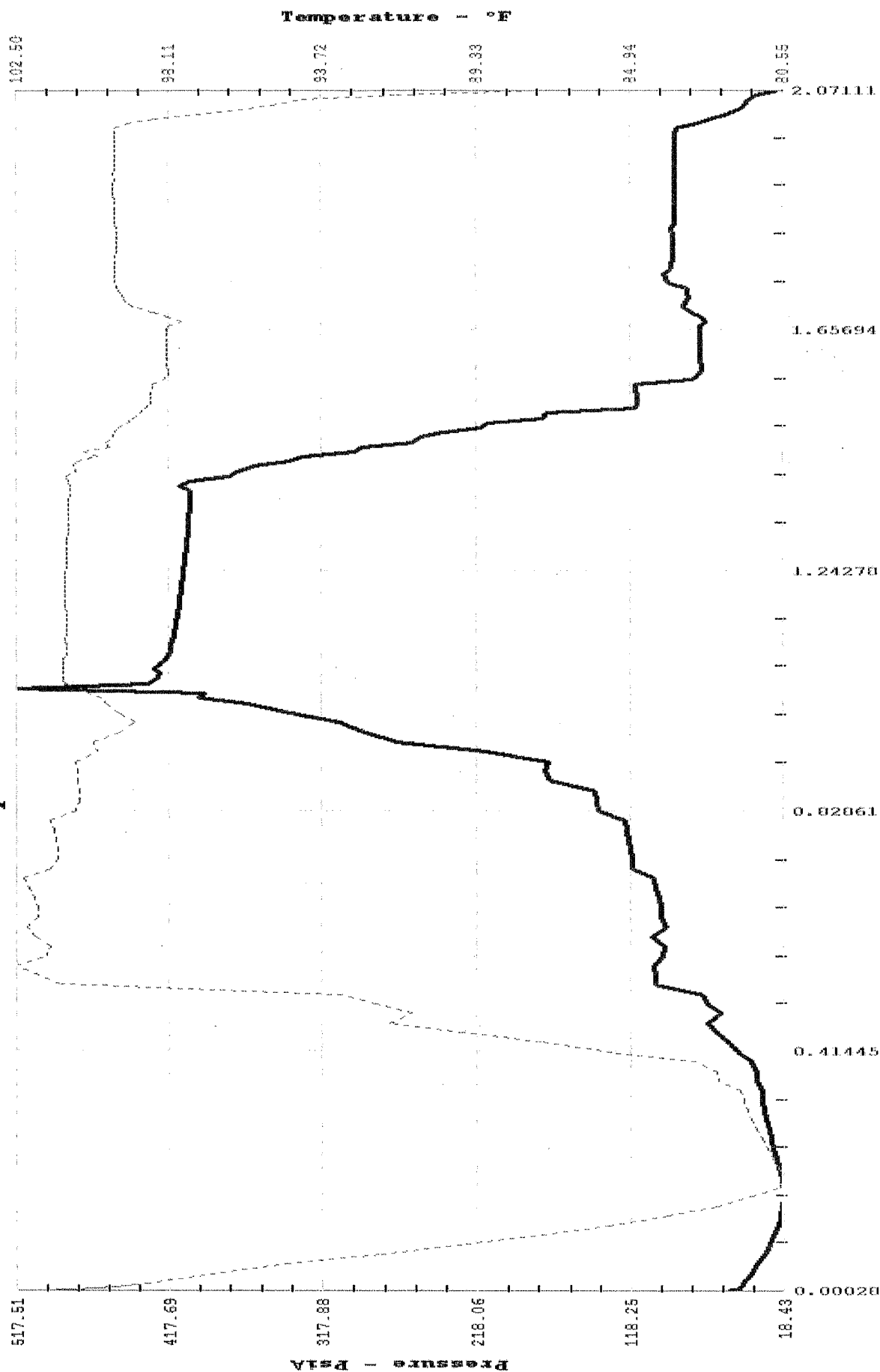
JARS	NO	EXTRA PACKER (3RD)	NO
SAFETY JOINT	NO	EXTRA PACKER (4TH)	NO
ELECTRONIC RECORDER	NO	STRADDLE	NO
CIRCULATING SUB	NO	HOOK WALL	NO
		SAMPLER	NO
	46 MILES ROUND TRIP FROM	GREAT BEND	
TOP RECORDER DEPTH	4382	BOTTOM RECORDER DEPTH	4383
RECORDER NUMBER	4023	RECORDER NUMBER	3088

WELL INFORMATION

DRILLING CONTRACTOR	MURFIN #21	DRILL COLLAR LENGTH	186
DRILL PIPE LENGTH	4131	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

Temperature / Pressure Data



(800) 792-6902

Initial Opening	181	P.S.I. to	194	P.S.I.	from	3:20A	m to	3:50A	m	30	minutes
Initial Shut-in	188	P.S.I.		P.S.I.	from	3:50A	m to	4:20A	m	30	minutes
Final Opening	161	P.S.I. to	160	P.S.I.	from	4:20A	m to	4:50A	m	30	minutes
Final Shut-in	172	P.S.I.		P.S.I.	from	4:50A	m to	5:20A	m	30	minutes

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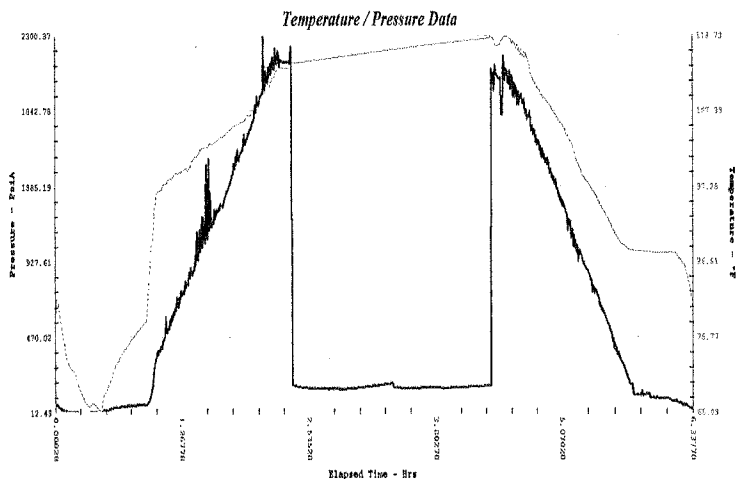
Ticket No. 15187

SUPERIOR TESTERS ENTERPRISES L.L.C.

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DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530



1	Initial Hydrostatic Pressure	2197
2	Initial Flow Pressure	181
3	Final Initial Flow Pressure	154
4	Initial Shut-In Pressure	188
5	Initial Final Flow Pressure	161
6	Final Flow Pressure	160
7	Final Shut-In Pressure	172
8	Final Hydrostatic Pressure	2096

Maximum Temperature 118

GENERAL INFORMATION

COMPANY NAME RITCHIE EXPLORATION INC.

TEST DATE 7/18/07

SECTION-TOWN-RANGE 06-17-30W

STATE KANSAS

COUNTY LANE

ELEVATION GROUND LEVEL 2890

COMPANY REPRESENTATIVE MIKE ENGELBRECHT

LEASE AND WELL NUMBER SHARP #2

FORMATION TESTED ALTAMONT

DRILL STEM TEST NUMBER 5

REPORT NUMBER 15187

ELEVATION KELLY BUSHINGS 2900

TESTING ENGINEER KEVIN WEBSTER

TOOL SETTING INFORMATION

TEST INTERVAL (From) 4338

TEST INTERVAL (to) 4386

ANCHOR LENGTH 48

TOTAL DEPTH (ft) 4386

TOP PACKER DEPTH 4333

BOTTOM PACKER DEPTH 4338

NUMBER OF PACKERS 2

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from) 3:20

TOOL OPEN (to) 3:50

DURATION (min.) 30

FINAL OPEN

TOOL OPEN (from) 4:20

TOOL OPEN (to) 4:50

DURATION (min.) 30

INITIAL SHUT-IN

TOOL CLOSED (from) 3:50

TOOL CLOSED (to) 4:20

DURATION (min.) 30

FINAL SHUT-IN

TOOL CLOSED (from) 4:50

TOOL CLOSED (to) 5:20

DURATION (min.) 30

INITIAL FLOW

WEAK SURFACE BLOW DIED IN 20 MINUTES

FINAL FLOW

NO BLOW FLUSHED TOOL STILL NO BLOW

Company: RITCHIE EXPLORATION INC. Lease & Well No. SHARP #2 Test #: 5 Date: 7/18/07 SEC. 06 TWP.
17 RGE. 30W

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	SHARP #2
TEST DATE	7/18/07	FORMATION TESTED	ALTAMONT
SECTION-TOWN-RANGE	06-17-30W	DRILL STEM TEST NUMBER	5
STATE	KANSAS	REPORT NUMBER	15187
COUNTY	LANE	ELEVATION KELLY BUSHINGS	2900
ELEVATION GROUND LEVEL	2890	TESTING ENGINEER	KEVIN WEBSTER
COMPANY REPRESENTATIVE	MIKE ENGELBRECHT		

EXTRA EQUIPMENT

JARS	NO	EXTRA PACKER (3RD)	NO
SAFETY JOINT	NO	EXTRA PACKER (4TH)	NO
ELECTRONIC RECORDER	YES	STRADDLE	NO
CIRCULATING SUB	NO	HOOK WALL	NO
	46 MILES ROUND TRIP FROM	SAMPLER	NO
	GREAT BEND		
TOP RECORDER DEPTH	4382	BOTTOM RECORDER DEPTH	4383
RECORDER NUMBER	4023	RECORDER NUMBER	3088

WELL INFORMATION

DRILLING CONTRACTOR	MURFIN #21	DRILL COLLAR LENGTH	186
DRILL PIPE LENGTH	4131	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.		

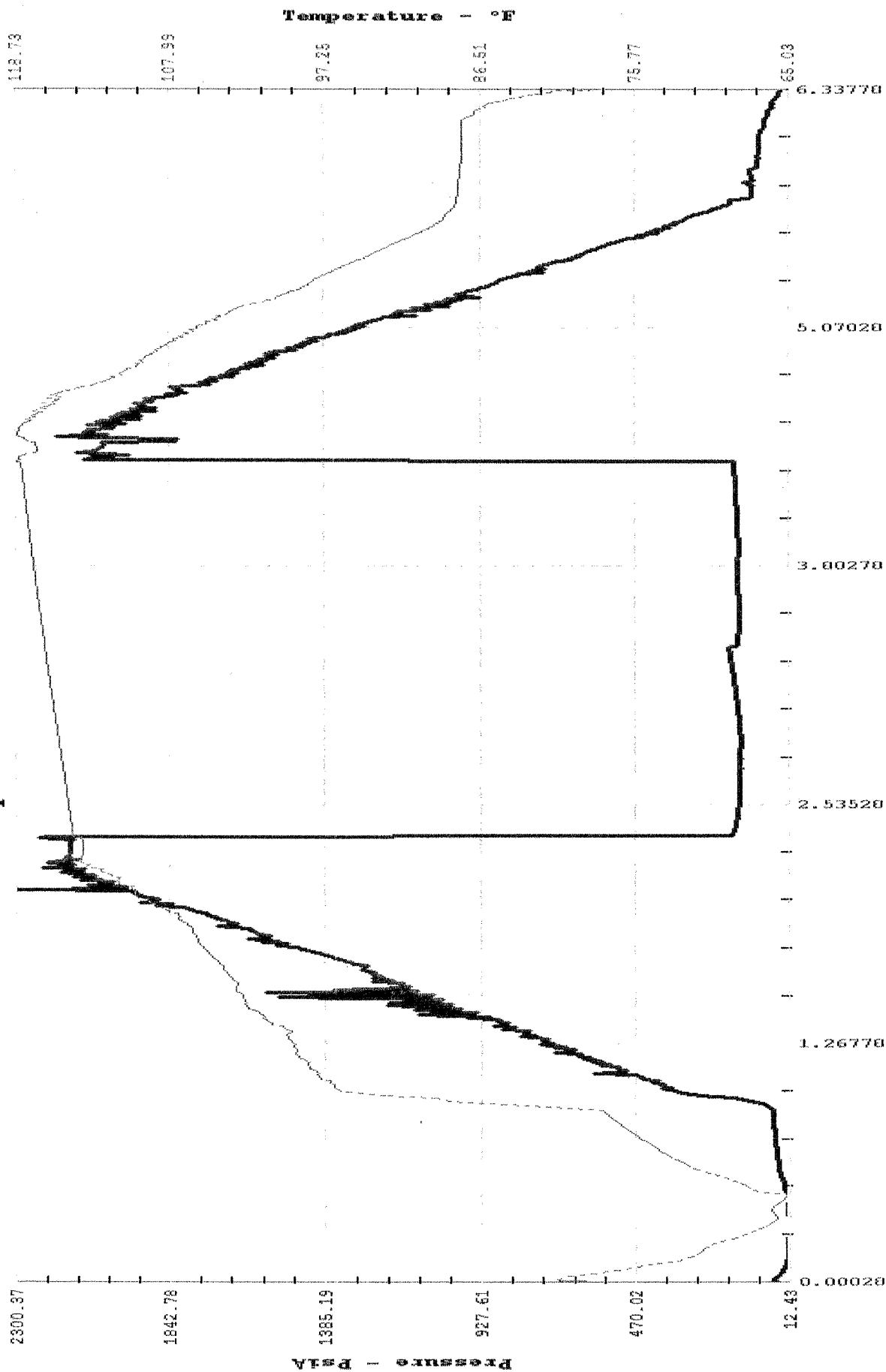
COMMENTS

Recovery Sample Description

Great Bend, Kansas 67530

[illegible]

Temperature / Pressure Data



RITCHIE EXPLORATION INC.

SHARP#2

06-17-30W

7/18/07

DST# 5 ALTAMONT

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

Company Kitchie Exploration Inc.
Address PO BOX 753188
Lease & # SHARP #2 Sec. 06 Twp 17 Rng 30W
Date 7-18-2007 County Lane Elevation 2890 G.L. 2900 K.B.
Drill Contractor Martin #21
Drill Pipe Length 4131 I.D. of Drill Pipe 3.8 Tool Joint Size 4.5
Drill Collar Length 186 I.D. of Drill Collars 2.25 Tool Joint Size 4.5
Mud Weight 9.3 Viscosity 52 Filtrate 7.2 Chlorides-Pits 1700 DST
Top Packer Depth 4333 Bottom Packer Depth 4338 Number of Packers 2
Tested From 4308 to 4386 Total Depth 4386 Anchor Length 48
Test # 9 Formation Tested Altamont
Initial Blow Weak surface Hole Size 7 7/8

Final Blow NO blow Flushed Tool Blow back on the 1st Shut-in NO
STILL NO BLOW
 Initial Hydrostatic 2197 P.S.I. Final Hydrostatic 2096 Blow back on the 2nd Shut-in NO
 P.S.I. Maximum Temp. 118 F

Initial Opening	181	P.S.I. to	154	P.S.I.	from	3:20A	m to	3:50A	m	30	minutes
Initial Shut-in	188	P.S.I.		P.S.I.	from	3:50A	m to	4:20A	m	30	minutes
Final Opening	161	P.S.I. to	160	P.S.I.	from	4:20A	m to	4:50A	m	30	minutes
Final Shut-in	172	P.S.I.		P.S.I.	from	4:50A	m to	5:20A	m	30	minutes

[illegible]

Total Feet Recovered _____ Recovery Chlorides _____ Rw. _____ ohms @ _____ 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 Ruined 2 Packers

Extra Equipment-Jars _____ Safety Joint _____ Circulating Sub _____ Straddle _____
Electronic Recorder No. 4023 Depth 4382 Extra Packer (3rd) _____ Hook Wall _____
Bottom Recorder No. 3088 Depth 4543 Extra Packer (4th) _____ Sampler _____
Tool Operator KR Approved By _____

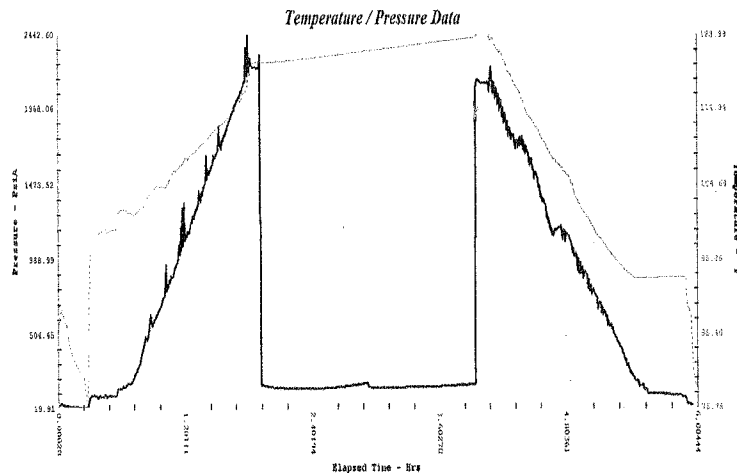
Ticket No. 15187

SUPERIOR TESTERS ENTERPRISES L.L.C.

1(800)792-6902

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530



1	Initial Hydrostatic Pressure	2304
2	Initial Flow Pressure	171
3	Final Initial Flow Pressure	145
4	Initial Shut-In Pressure	180
5	Initial Final Flow Pressure	154
6	Final Flow Pressure	153
7	Final Shut-In Pressure	173
8	Final Hydrostatic Pressure	2086

Maximum Temperature 123

GENERAL INFORMATION

COMPANY NAME RITCHIE EXPLORATION INC.

TEST DATE 7/19/07

SECTION-TOWN-RANGE 06-17-30W

STATE KANSAS

COUNTY LANE

ELEVATION GROUND LEVEL 2890

COMPANY REPRESENTATIVE MIKE ENGELBRECHT TESTING ENGINEER

LEASE AND WELL NUMBER SHARP #2

FORMATION TESTED CK LM & JOHNSON

DRILL STEM TEST NUMBER 6

REPORT NUMBER 15188

ELEVATION KELLY BUSHINGS 2900

..... KEVIN WEBSTER

TOOL SETTING INFORMATION

TEST INTERVAL (From) 4482

TEST INTERVAL (to) 4552

ANCHOR LENGTH 70

TOTAL DEPTH (ft) 4552

TOP PACKER DEPTH 4477

BOTTOM PACKER DEPTH 4482

NUMBER OF PACKERS 2

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from) 2:20

TOOL OPEN (to) 2:50

DURATION (min.) 30

FINAL OPEN

TOOL OPEN (from) 3:20

TOOL OPEN (to) 3:50

DURATION (min.) 30

INITIAL SHUT-IN

TOOL CLOSED (from) 2:50

TOOL CLOSED (to) 3:20

DURATION (min.) 30

FINAL SHUT-IN

TOOL CLOSED (from) 3:50

TOOL CLOSED (to) 4:20

DURATION (min.) 30

INITIAL FLOW

WEAK SURFACE BLOW BUILT TO 1" THEN DIED BACK TO 1/4"

FINAL FLOW

NO BLOW FLUSHED TOOL STILL NO BLOW

Company: RITCHIE EXPLORATION INC. Lease & Well No. SHARP#2 Test #: 6 Date: 7/19/07 SEC. 06 TWP.
17 RGE. 30W

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	SHARP #2
TEST DATE	7/19/07	FORMATION TESTED	CK LM & JOHNSON
SECTION-TOWN-RANGE	06-17-30W	DRILL STEM TEST NUMBER	6
STATE	KANSAS	REPORT NUMBER	15188
COUNTY	LANE	ELEVATION KELLY BUSHINGS	2900
ELEVATION GROUND LEVEL	2890	TESTING ENGINEER	KEVIN WEBSTER
COMPANY REPRESENTATIVE	MIKE ENGELBRECHT		

EXTRA EQUIPMENT

JARS	NO	EXTRA PACKER (3RD)	NO
SAFETY JOINT	NO	EXTRA PACKER (4TH)	NO
ELECTRONIC RECORDER	YES	STRADDLE	NO
CIRCULATING SUB	NO	HOOK WALL	NO
		SAMPLER	NO
	46 MILES ROUND TRIP FROM	GREAT BEND	
TOP RECORDER DEPTH	4548	BOTTOM RECORDER DEPTH	4549
RECORDER NUMBER	4023	RECORDER NUMBER	3088

WELL INFORMATION

DRILLING CONTRACTOR	MURFIN #21	DRILL COLLAR LENGTH	186
DRILL PIPE LENGTH	4294	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

Recovery Sample Description

Great Bend, Kansas 67530

[illegible]

Temperature / Pressure Data

