

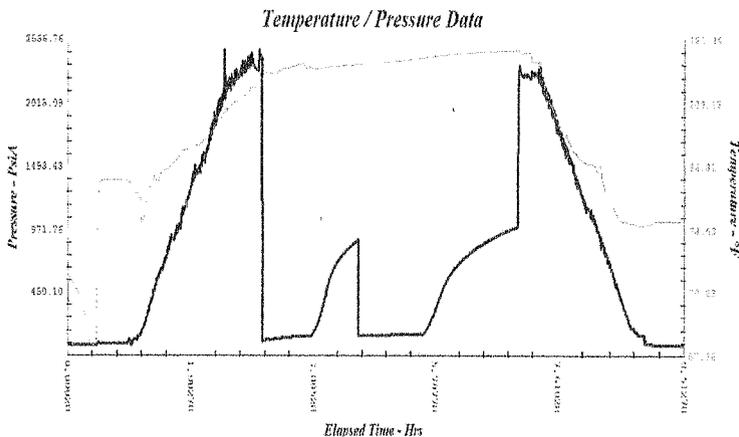


# SUPERIOR TESTERS ENTERPRISES L.L.C.

1(800)792-6902

## DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530



1	Initial Hydrostatic Pressure	2392
2	Initial Flow Pressure	43
3	Final Initial Flow Pressure	86
4	Initial Shut-In Pressure	883
5	Initial Final Flow Pressure	91
6	Final Flow Pressure	102
7	Final Shut-In Pressure	993
8	Final Hydrostatic Pressure	2318

Maximum Temperature      121

Tool serial number: 4005  
Test start: 05/26/2008 01:24:00

### GENERAL INFORMATION

COMPANY NAME ..... RITCHIE EXPLORATION INC.

TEST DATE ..... 5/27/08

LEASE AND WELL NUMBER ..... BEIL 27A #1

SECTION-TOWN-RANGE ..... 27-24S-23W

FORMATION TESTED ..... MISSISSIPPI

STATE ..... KANSAS

DRILL STEM TEST NUMBER ..... 1

COUNTY ..... HODGEMAN

REPORT NUMBER ..... 15349

ELEVATION GROUND LEVEL ..... 2310

ELEVATION KELLY BUSHINGS ..... 2315

COMPANY REPRESENTATIVE ..... ROGER FISHER

TESTING ENGINEER ..... FRANK ZAMARRIPA

### TOOL SETTING INFORMATION

TEST INTERVAL (From) ..... 4642

TOP PACKER DEPTH ..... 4637

TEST INTERVAL (to) ..... 4659

BOTTOM PACKER DEPTH ..... 4642

ANCHOR LENGTH ..... 17

NUMBER OF PACKERS ..... 2

TOTAL DEPTH (ft) ..... 4659

PACKER SIZE ..... 6 3/4

HOLE SIZE ..... 7 7/8

### FLOW TIMES

INITIAL OPEN

FINAL OPEN

TOOL OPEN (from) ..... 6:45P

TOOL OPEN (from) ..... 8:15

TOOL OPEN (to) ..... 7:30

TOOL OPEN (to) ..... 9:15

DURATION (min.) ..... 45

DURATION (min.) ..... 60

INITIAL SHUT-IN

FINAL SHUT-IN

TOOL CLOSED (from) ..... 7:30

TOOL CLOSED (from) ..... 9:15

TOOL CLOSED (to) ..... 8:15

TOOL CLOSED (to) ..... 10:45

DURATION (min.) ..... 45

DURATION (min.) ..... 90

INITIAL FLOW      WEAK BUILDING BLOW BUILT TO 6 INCHES  
NO BLOW BACK

FINAL FLOW      WEAK BUILDING BLOW BUILT TO 9 INCHES  
NO BLOW BACK

Company: RITCHIE EXPLORATION INC. TWP. 24S RGE. 23W

Lease & Well No. BEIL 27A #1 Test #: 1

Date: 5-27-08

SEC. 27

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

**DRILL STEM TEST REPORT**

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

**GENERAL INFORMATION**

COMPANY NAME .....	<b>RITCHIE EXPLORATION INC.</b>	LEASE AND WELL NUMBER .....	<b>BEIL 27A #1</b>
TEST DATE .....	<b>5/27/08</b>	FORMATION TESTED .....	<b>MISSISSIPPI</b>
SECTION-TOWN-RANGE .....	<b>27-24S-23W</b>	DRILL STEM TEST NUMBER .....	<b>1</b>
STATE .....	<b>KANSAS</b>	REPORT NUMBER .....	<b>15349</b>
COUNTY .....	<b>HODGEMAN</b>	ELEVATION KELLY BUSHINGS .....	<b>2315</b>
ELEVATION GROUND LEVEL .....	<b>2310</b>	TESTING ENGINEER .....	<b>FRANK ZAMARRIPA</b>
COMPANY REPRESENTATIVE .....	<b>ROGER FISHER</b>		

**EXTRA EQUIPMENT**

JARS .....	<b>NO</b>	EXTRA PACKER (3RD) .....	<b>NO</b>
SAFETY JOINT .....	<b>NO</b>	EXTRA PACKER (4TH) .....	<b>NO</b>
ELECTRONIC RECORDER .....	<b>YES</b>	STRADDLE .....	<b>NO</b>
CIRCULATING SUB .....	<b>NO</b>	HOOK WALL .....	<b>NO</b>
	<b>162 MILES ROUND TRIP FROM</b>	SAMPLER .....	<b>NO</b>
	<b>GREAT BEND</b>		
TOP RECORDER DEPTH .....	<b>4655</b>	BOTTOM RECORDER DEPTH .....	<b>4656</b>
RECORDER NUMBER .....	<b>4005</b>	RECORDER NUMBER .....	<b>10250</b>

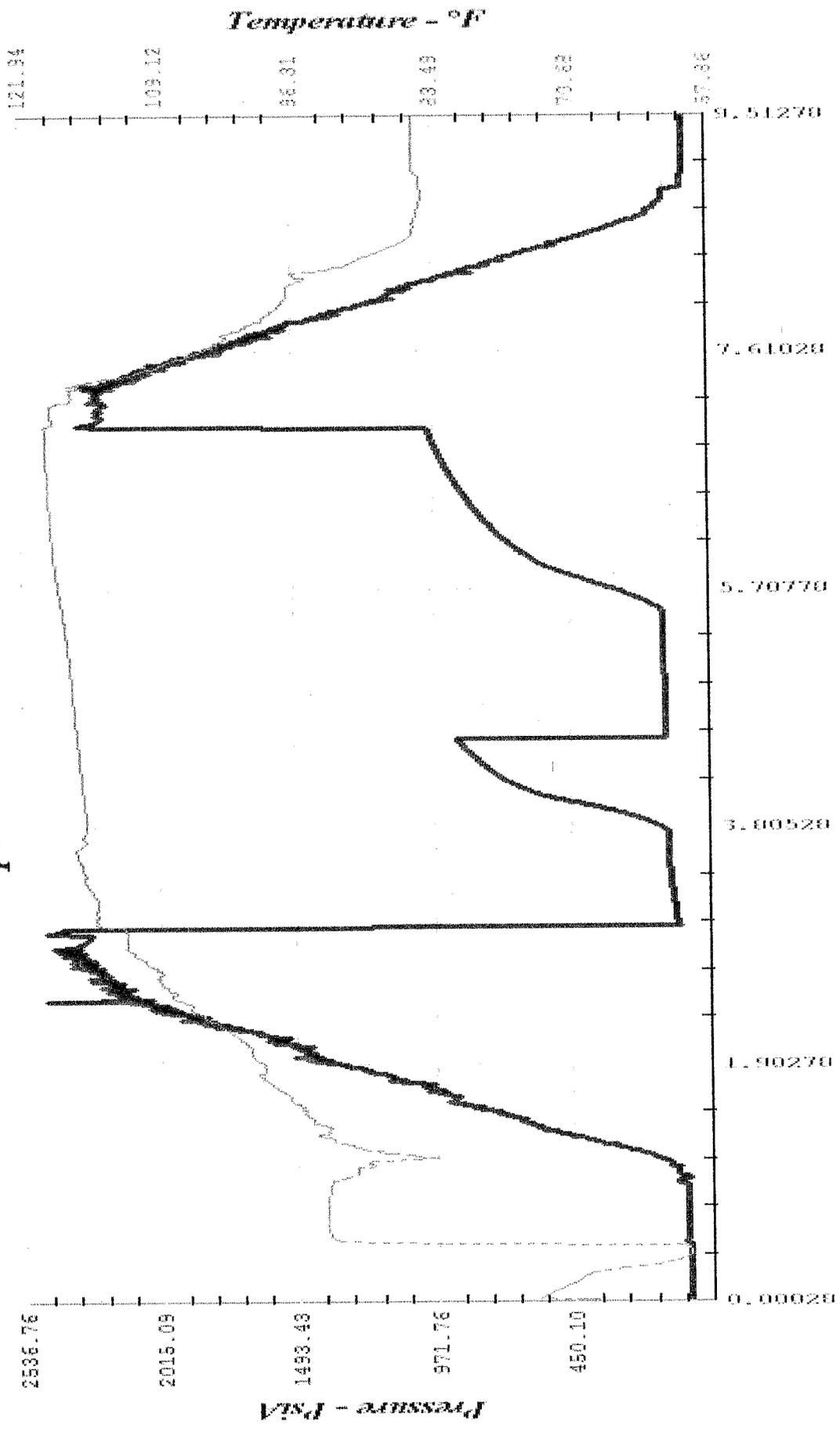
**WELL INFORMATION**

DRILLING CONTRACTOR .....	<b>MURFIN DRLG RIG # 24</b>	DRILL COLLAR LENGTH .....	<b>120</b>
DRILL PIPE LENGTH .....	<b>4503</b>	DRILL COLLAR I.D. ....	<b>2.25</b>
DRILL PIPE I.D. ....	<b>3.8</b>	TOOL JOINT SIZE .....	<b>4 1/2 X.H.</b>
TOOL JOINT SIZE .....	<b>4 1/2 X.H.</b>		

**COMMENTS**



# Temperature / Pressure Data



Tool serial number: 4005  
 Test start: 05/28/2008 01:34:00

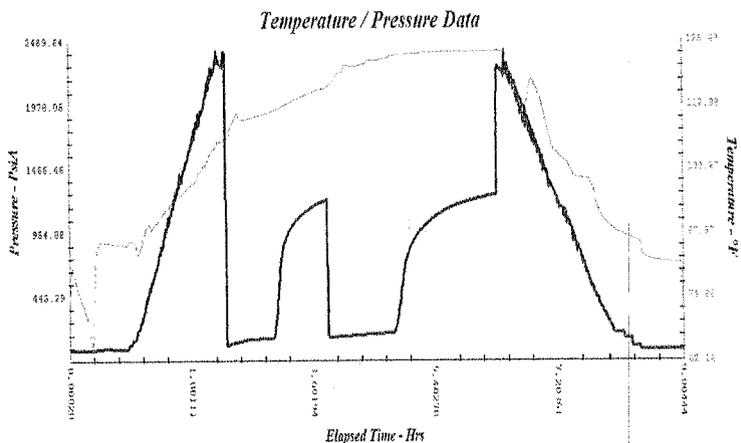


# SUPERIOR TESTERS ENTERPRISES L.L.C.

1(800)792-6902

## DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530



- |   |                              |      |
|---|------------------------------|------|
| 1 | Initial Hydrostatic Pressure | 2392 |
| 2 | Initial Flow Pressure        | 46   |
| 3 | Final Initial Flow Pressure  | 111  |
| 4 | Initial Shut-In Pressure     | 1212 |
| 5 | Initial Final Flow Pressure  | 116  |
| 6 | Final Flow Pressure          | 151  |
| 7 | Final Shut-In Pressure       | 1250 |
| 8 | Final Hydrostatic Pressure   | 2280 |

Maximum Temperature      125

Tool serial number: 4005  
Test start: 05/28/2008 19:05:02

### GENERAL INFORMATION

COMPANY NAME ..... RITCHIE EXPLORATION INC.

TEST DATE ..... 5/28/08

SECTION-TOWN-RANGE ..... 27-24S-23W

STATE ..... KANSAS

COUNTY ..... HODGEMAN

ELEVATION GROUND LEVEL ..... 2310

COMPANY REPRESENTATIVE ..... ROGER FISHER

LEASE AND WELL NUMBER ..... BEIL 27A #1

FORMATION TESTED ..... MISSISSIPPI

DRILL STEM TEST NUMBER ..... 2

REPORT NUMBER ..... 15350

ELEVATION KELLY BUSHINGS ..... 2315

TESTING ENGINEER ..... FRANK ZAMARRIPA

### TOOL SETTING INFORMATION

TEST INTERVAL (From) ..... 4644

TEST INTERVAL (to) ..... 4669

ANCHOR LENGTH ..... 25

TOTAL DEPTH (ft) ..... 4669

TOP PACKER DEPTH ..... 4639

BOTTOM PACKER DEPTH ..... 4644

NUMBER OF PACKERS ..... 2

PACKER SIZE ..... 6 3/4

HOLE SIZE ..... 7 7/8

### FLOW TIMES

*INITIAL OPEN*

TOOL OPEN (from) ..... 12:05P

TOOL OPEN (to) ..... 12:50

DURATION (min.) ..... 45

*INITIAL SHUT-IN*

TOOL CLOSED (from) ..... 12:50

TOOL CLOSED (to) ..... 1:35

DURATION (min.) ..... 45

*FINAL OPEN*

TOOL OPEN (from) ..... 1:35

TOOL OPEN (to) ..... 2:35

DURATION (min.) ..... 60

*FINAL SHUT-IN*

TOOL CLOSED (from) ..... 2:35

TOOL CLOSED (to) ..... 4:05

DURATION (min.) ..... 90

### INITIAL FLOW

WEAK BUILDING BLOW BUILT TO 7 INCHES  
NO BLOW BACK

### FINAL FLOW

WEAK BUILDING BLOW BUILT TO 8 INCHES  
NO BLOW BACK

Company: RITCHIE EXPLORATION INC.

TWP. 24S RGE. 23W Lease & Well No. BEIL 27A #1 Test #: 2

Date: 5-28-08

SEC. 27

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

**DRILL STEM TEST REPORT**

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

**GENERAL INFORMATION**

COMPANY NAME .....	<b>RITCHIE EXPLORATION INC.</b>	LEASE AND WELL NUMBER .....	<b>BEIL 27A #1</b>
TEST DATE .....	<b>5/28/08</b>	FORMATION TESTED .....	<b>MISSISSIPPI</b>
SECTION-TOWN-RANGE .....	<b>27-24S-23W</b>	DRILL STEM TEST NUMBER .....	<b>2</b>
STATE .....	<b>KANSAS</b>	REPORT NUMBER .....	<b>15350</b>
COUNTY .....	<b>HODGEMAN</b>	ELEVATION KELLY BUSHINGS .....	<b>2315</b>
ELEVATION GROUND LEVEL .....	<b>2310</b>	TESTING ENGINEER .....	<b>FRANK ZAMARRIPA</b>
COMPANY REPRESENTATIVE .....	<b>ROGER FISHER</b>		

**EXTRA EQUIPMENT**

JARS .....	<b>NO</b>	EXTRA PACKER (3RD) .....	<b>NO</b>
SAFETY JOINT .....	<b>NO</b>	EXTRA PACKER (4TH) .....	<b>NO</b>
ELECTRONIC RECORDER .....	<b>YES</b>	STRADDLE .....	<b>NO</b>
CIRCULATING SUB .....	<b>NO</b>	HOOK WALL .....	<b>NO</b>
	<b>162 MILES ROUND TRIP FROM</b>	SAMPLER .....	<b>NO</b>
	<b>GREAT BEND</b>		
TOP RECORDER DEPTH .....	<b>4665</b>	BOTTOM RECORDER DEPTH .....	<b>4666</b>
RECORDER NUMBER .....	<b>4005</b>	RECORDER NUMBER .....	<b>10250</b>

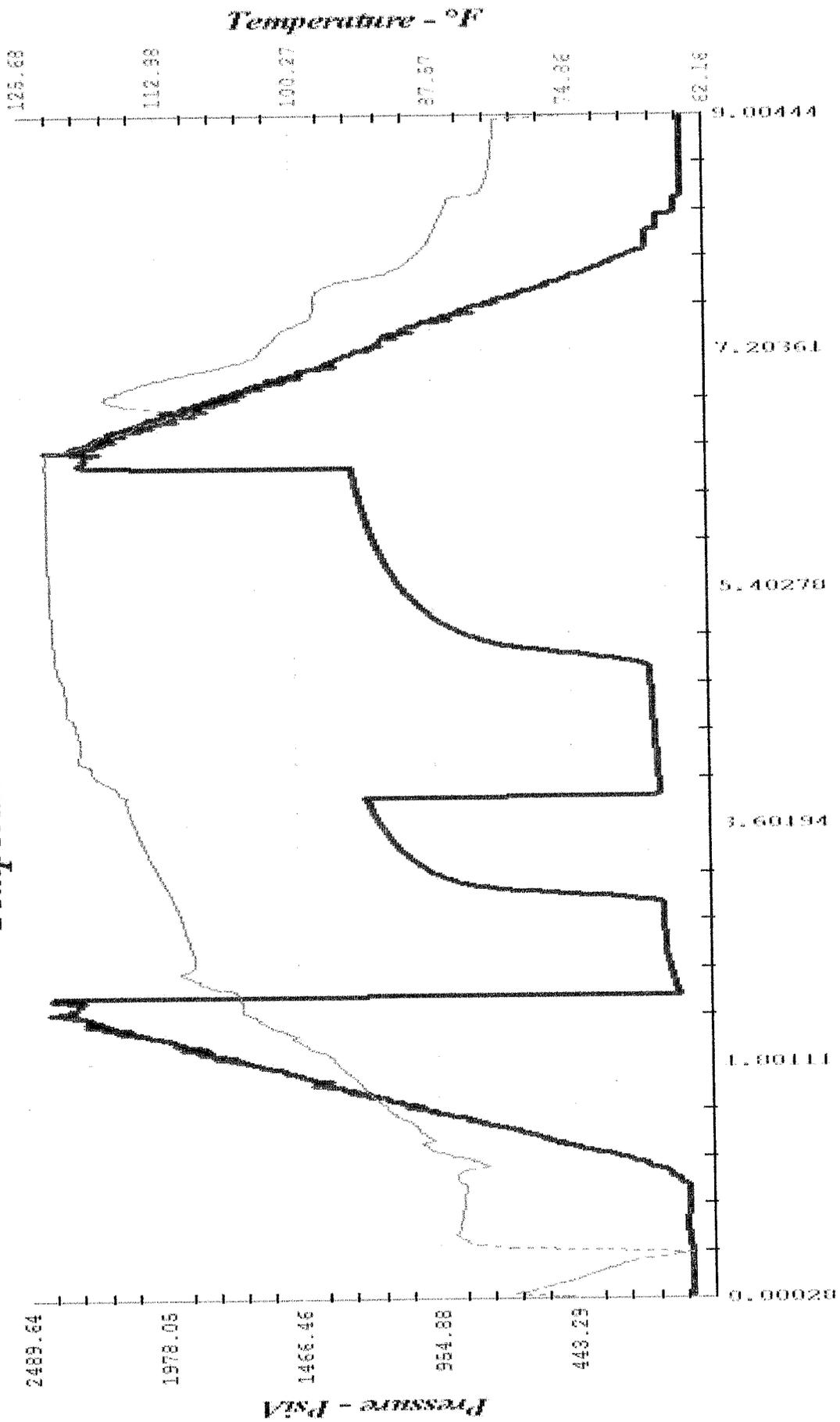
**WELL INFORMATION**

DRILLING CONTRACTOR .....	<b>MURFIN DRLG RIG # 24</b>	DRILL COLLAR LENGTH .....	<b>120</b>
DRILL PIPE LENGTH .....	<b>4505</b>	DRILL COLLAR I.D. ....	<b>2.25</b>
DRILL PIPE I.D. ....	<b>3.8</b>	TOOL JOINT SIZE .....	<b>4 1/2 X.H.</b>
TOOL JOINT SIZE .....	<b>4 1/2 X.H.</b>		

**COMMENTS**



# Temperature / Pressure Data



Tool serial number: 4005  
 Test start: 05/28/2008 19:05:52



# SUPERIOR TESTERS ENTERPRISES L.L.C.

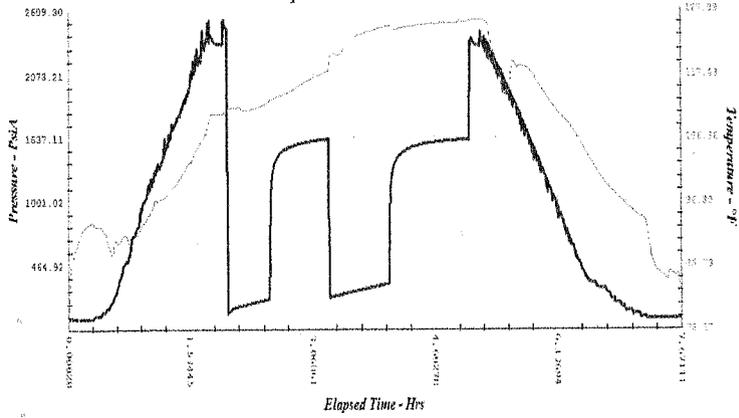
## DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

1(800)792-6902

Company: RITCHIE EXPLORATION INC. Lease & Well No. BEIL 27A #1 Test #: 3 Date: 5-29-08  
 TWP. 24S RGE. 23W SEC. 27

*Temperature / Pressure Data*



Tool serial number: 4005  
 Test start: 05/29/2008 20:59:15

1	Initial Hydrostatic Pressure	2459
2	Initial Flow Pressure	64
3	Final Initial Flow Pressure	184
4	Initial Shut-In Pressure	1526
5	Initial Final Flow Pressure	195
6	Final Flow Pressure	313
7	Final Shut-In Pressure	1522
8	Final Hydrostatic Pressure	2373
Maximum Temperature		127

**GENERAL INFORMATION**

COMPANY NAME ..... RITCHIE EXPLORATION INC.

TEST DATE ..... 5/29/08

SECTION-TOWN-RANGE ..... 27-24S-23W

STATE ..... KANSAS

COUNTY ..... HODGEMAN

ELEVATION GROUND LEVEL ..... 2310

COMPANY REPRESENTATIVE ..... ROGER FISHER

LEASE AND WELL NUMBER ..... BEIL 27A #1

FORMATION TESTED ..... MISSISSIPPI

DRILL STEM TEST NUMBER ..... 3

REPORT NUMBER .....

ELEVATION KELLY BUSHINGS ..... 2315

TESTING ENGINEER ..... FRANK ZAMARRIPA

**TOOL SETTING INFORMATION**

TEST INTERVAL (From) ..... 4750

TEST INTERVAL (to) ..... 4806

ANCHOR LENGTH ..... 56

TOTAL DEPTH (ft) ..... 4806

TOP PACKER DEPTH ..... 4745

BOTTOM PACKER DEPTH ..... 4750

NUMBER OF PACKERS ..... 2

PACKER SIZE ..... 6 3/4

HOLE SIZE ..... 7 7/8

**FLOW TIMES**

INITIAL OPEN

TOOL OPEN (from) ..... 3:15P

TOOL OPEN (to) ..... 3:45

DURATION (min.) ..... 30

FINAL OPEN

TOOL OPEN (from) ..... 4:30

TOOL OPEN (to) ..... 5:15

DURATION (min.) ..... 45

INITIAL SHUT-IN

TOOL CLOSED (from) ..... 3:45

TOOL CLOSED (to) ..... 4:30

DURATION (min.) ..... 45

FINAL SHUT-IN

TOOL CLOSED (from) ..... 5:15

TOOL CLOSED (to) ..... 6:15

DURATION (min.) ..... 60

**INITIAL FLOW** WEAK BLOW BUILT TO BOTTOM OF 5 GALLON BUCKET IN 17 MINUTES  
 NO BLOW BACK

**FINAL FLOW** WEAK BLOW BUILT TO BOTTOM OF 5 GALLON BUCKET IN 20 MINUTES  
 NO BLOW BACK

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

**DRILL STEM TEST REPORT**

GREAT BEND ,KANSAS 67530 (800)792-6902

**GENERAL INFORMATION**

COMPANY NAME ..... RITCHIE EXPLORATION INC.  
TEST DATE ..... 5/29/08  
SECTION-TOWN-RANGE ..... 27-24S-23W  
STATE ..... KANSAS  
COUNTY ..... HODGEMAN  
ELEVATION GROUND LEVEL ..... 2310  
COMPANY REPRESENTATIVE ..... ROGER FISHER  
LEASE AND WELL NUMBER ..... BEIL 27A #1  
FORMATION TESTED ..... MISSISSIPPI  
DRILL STEM TEST NUMBER ..... 3  
REPORT NUMBER .....  
ELEVATION KELLY BUSHINGS ..... 2315  
TESTING ENGINEER ..... FRANK ZAMARRIPA

**EXTRA EQUIPMENT**

JARS ..... NO  
SAFETY JOINT ..... NO  
ELECTRONIC RECORDER ..... YES  
CIRCULATING SUB ..... NO  
TOP RECORDER DEPTH ..... 4802  
RECORDER NUMBER ..... 4005  
EXTRA PACKER (3RD) ..... NO  
EXTRA PACKER (4TH) ..... NO  
STRADDLE ..... NO  
HOOK WALL ..... NO  
SAMPLER ..... NO  
162 MILES ROUND TRIP FROM GREAT BEND  
BOTTOM RECORDER DEPTH ..... 4803  
RECORDER NUMBER ..... 10250

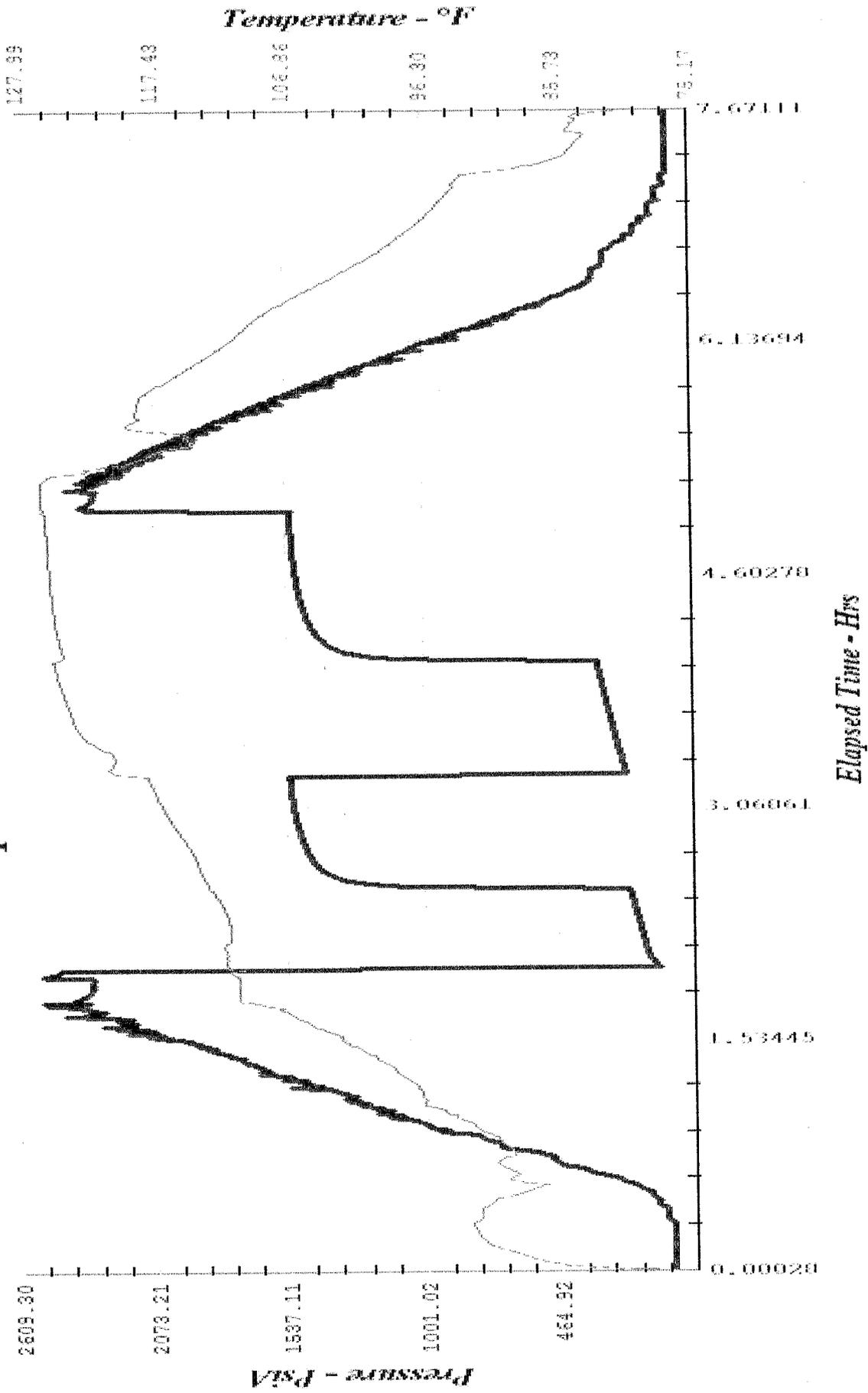
**WELL INFORMATION**

DRILLING CONTRACTOR ..... MURFIN DRLG RIG # 24  
DRILL PIPE LENGTH ..... 4643  
DRILL PIPE I.D. .... 3.8  
TOOL JOINT SIZE ..... 4 1/2 X.H.  
DRILL COLLAR LENGTH ..... 120  
DRILL COLLAR I.D. .... 2.25  
TOOL JOINT SIZE ..... 4 1/2 X.H.

**COMMENTS**



# Temperature / Pressure Data



Tool serial number: 4005

Test start: 05/29/2008 20:53:15