

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1  
October 2008  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 4058  
Name: American Warrior, Inc.  
Address 1: PO Box 399  
Address 2: \_\_\_\_\_  
City: Garden City State: KS Zip: 67846 + 0399  
Contact Person: Scott Corsair  
Phone: ( 785 ) 398-2270  
CONTRACTOR: License # 5822  
Name: Val Energy, Inc.  
Wellsite Geologist: Jason Alm  
Purchaser: \_\_\_\_\_

Designate Type of Completion:

☒ New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ Workover \_\_\_\_\_

\_\_\_\_\_ Oil \_\_\_\_\_ SWD \_\_\_\_\_ SIOW

\_\_\_\_\_ Gas \_\_\_\_\_ ENHR \_\_\_\_\_ SIGW

\_\_\_\_\_ CM (Coal Bed Methane) \_\_\_\_\_ Temp. Abd.

☒ Dry \_\_\_\_\_ Other \_\_\_\_\_

(Core, WSW, Expl., Cathodic, etc.)

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

\_\_\_\_\_ Deepening \_\_\_\_\_ Re-perf. \_\_\_\_\_ Conv. to Enhr. \_\_\_\_\_ Conv. to SWD

\_\_\_\_\_ Plug Back: \_\_\_\_\_ Plug Back Total Depth

\_\_\_\_\_ Commingled \_\_\_\_\_ Docket No.: \_\_\_\_\_

\_\_\_\_\_ Dual Completion \_\_\_\_\_ Docket No.: \_\_\_\_\_

\_\_\_\_\_ Other (SWD or Enhr.?) \_\_\_\_\_ Docket No.: \_\_\_\_\_

06/12/2008 06/21/2008 06/21/2008

Spud Date or \_\_\_\_\_ Date Reached TD \_\_\_\_\_ Completion Date or  
Recompletion Date \_\_\_\_\_ Recompletion Date \_\_\_\_\_

API No. 15 - 135-24797-0000

Spot Description: 200' W E/2 W/2 E/2

NW NE NW SE Sec. 23 Twp. 20 S. R. 21 ☐ East ☒ West

2650 Feet from ☒ North / ☐ South Line of Section

1850 Feet from ☒ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:

☒ NE ☐ NW ☐ SE ☐ SW

County: Ness

Lease Name: McJunkin Well #: 1-23

Field Name: Wildcat

Producing Formation: Mississippian

Elevation: Ground: 2216' Kelly Bushing: 2221'

Total Depth: 4385' Plug Back Total Depth: NA

Amount of Surface Pipe Set and Cemented at: 227 Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan RA AH II NOE  
(Data must be collected from the Reserve Pit) 9-22-09

Chloride content: 42,000 ppm Fluid volume: 300 bbls

Dewatering method used: evaporate

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_ ☐ East ☐ West

County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: \_\_\_\_\_

Title: Petroleum Engineer Date: 09/10/2009

Subscribed and sworn to before me this 10th day of September,

20 09

Notary Public: Denise Corsair NOTARY PUBLIC - State of Kansas

Date Commission Expires: 8-15-12 DENISE CORSAIR  
My Appt. Exp. 8-15-12

KCC Office Use ONLY

N Letter of Confidentiality Received

If Denied, Yes ☐ Date: \_\_\_\_\_

☒ Wireline Log Received

☒ Geologist Report Received

☐ UIC Distribution

Operator Name: American Warrior, Inc. Lease Name: McJunkin Well #: 1-23  
 Sec. 23 Twp. 20 S. R. 21 ☐ East ☒ West County: Ness

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken ☒ Yes ☐ No  
 (Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☒ No

Cores Taken ☐ Yes ☒ No

Electric Log Run ☐ Yes ☒ No  
 (Submit Copy)

List All E. Logs Run:

☒ Log Formation (Top), Depth and Datum ☐ Sample

| Name          | Top  | Datum |
|---------------|------|-------|
| Anhydrite     | 1413 | +808  |
| Heebner       | 3734 | -1513 |
| Lansing       | 3783 | -1562 |
| BKC           | 4113 | -1892 |
| Ft. Scott     | 4280 | -2059 |
| Cherokee      | 4300 | -2079 |
| Mississippian | 4360 | -2139 |

**CASING RECORD** ☒ New ☐ Used

Report all strings set-conductor, surface, intermediate, production, etc.

| Purpose of String | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs. / Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
|-------------------|-------------------|---------------------------|-------------------|---------------|----------------|--------------|----------------------------|
| Surface           | 12 1/4"           | 8 5/8"                    | 23                | 227'          | Common         | 160          | 2% gel, 3% CC              |
|                   |                   |                           |                   |               |                |              |                            |
|                   |                   |                           |                   |               |                |              |                            |

**ADDITIONAL CEMENTING / SQUEEZE RECORD**

| Purpose:                                                                                                                                                         | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------|-------------|----------------------------|
| <input type="checkbox"/> Perforate<br><input type="checkbox"/> Protect Casing<br><input type="checkbox"/> Plug Back TD<br><input type="checkbox"/> Plug Off Zone |                  |                |             |                            |
|                                                                                                                                                                  |                  |                |             |                            |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type<br>Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record<br>(Amount and Kind of Material Used) | Depth |
|----------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------|
|                |                                                                                           |                                                                                   |       |
|                |                                                                                           |                                                                                   |       |
|                |                                                                                           |                                                                                   |       |
|                |                                                                                           |                                                                                   |       |
|                |                                                                                           |                                                                                   |       |

|                                                 |  |     |       |       |                                          |            |                              |               |                             |  |  |
|-------------------------------------------------|--|-----|-------|-------|------------------------------------------|------------|------------------------------|---------------|-----------------------------|--|--|
| TUBING RECORD:                                  |  |     |       | Size: | Set At:                                  | Packer At: | Liner Run:                   |               |                             |  |  |
|                                                 |  |     |       |       |                                          |            | <input type="checkbox"/> Yes |               | <input type="checkbox"/> No |  |  |
| Date of First, Resumed Production, SWD or Enhr. |  |     |       |       | Producing Method:                        |            |                              |               |                             |  |  |
|                                                 |  |     |       |       | <input type="checkbox"/> Flowing         |            |                              |               |                             |  |  |
|                                                 |  |     |       |       | <input type="checkbox"/> Pumping         |            |                              |               |                             |  |  |
|                                                 |  |     |       |       | <input type="checkbox"/> Gas Lift        |            |                              |               |                             |  |  |
|                                                 |  |     |       |       | <input type="checkbox"/> Other (Explain) |            |                              |               |                             |  |  |
| Estimated Production Per 24 Hours               |  | Oil | Bbls. | Gas   | Mcf                                      | Water      | Bbls.                        | Gas-Oil Ratio | Gravity                     |  |  |

|                                                                                                                                     |  |                                                                                                                                                                                               |  |                      |
|-------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------|
| DISPOSITION OF GAS:                                                                                                                 |  | METHOD OF COMPLETION:                                                                                                                                                                         |  | PRODUCTION INTERVAL: |
| <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease<br>(If vented, Submit ACO-18.) |  | <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled<br><input type="checkbox"/> Other (Specify) _____ |  | _____                |

# ALLIED CEMENTING CO., LLC.

02.12

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

Russell KS

|                         |                   |                |                                                 |            |                      |                         |                          |
|-------------------------|-------------------|----------------|-------------------------------------------------|------------|----------------------|-------------------------|--------------------------|
| DATE <u>1-21-08</u>     | SEC. <u>23</u>    | TWP. <u>20</u> | RANGE <u>21</u>                                 | CALLED OUT | ON LOCATION          | JOB START <u>4:45pm</u> | JOB FINISH <u>5:30pm</u> |
| LEASE <u>McJannet</u>   | WELL # <u>H23</u> |                | LOCATION <u>Boring KS East 1/4 NW 1/4</u>       |            | COUNTY <u>Neosho</u> | STATE <u>KS</u>         |                          |
| OLD OR NEW (Circle one) |                   |                | <u>South 10 1/4 Rd 30 3/4 East South 10 1/4</u> |            |                      |                         |                          |

CONTRACTOR Val Energy Rig #4

TYPE OF JOB Rotary Plug

HOLE SIZE 17 1/2 T.D. 4385'

CASING SIZE DEPTH

TUBING SIZE DEPTH

DRILL PIPE 4 1/2 X 14 DEPTH 1440'

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT

OWNER

CEMENT

AMOUNT ORDERED 215 44/100 426.1 1/2 Flt

COMMON @

POZMIX @

GEL @

CHLORIDE @

ASC @

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HANDLING @

MILEAGE @

TOTAL

## EQUIPMENT

PUMP TRUCK CEMENTER John Roberts

# 409 HELPER Adrian

BULK TRUCK

# 472 DRIVER Mike

BULK TRUCK

# DRIVER

## REMARKS:

50 sk @ 1440'

20 sk @ 660'

40 sk @ 260'

20 sk @ 60'

15 sk Rat hole 10 sk mouse hole

## SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE @

MANIFOLD @

@

@

TOTAL

CHARGE TO: American Warrior Inc.

STREET

CITY STATE ZIP

## PLUG & FLOAT EQUIPMENT

@

@

8 5/8 Wood Plug @

@

@

TOTAL

To Allied Cementing Co., LLC.

You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

Thanks!

PRINTED NAME

SIGNATURE

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS

TO P.O. BOX 31  
 RUSSELL, KANSAS 67665

SERVICE POINT:

Ness City

|                                    |                   |                                      |                      |                           |                            |                          |                           |
|------------------------------------|-------------------|--------------------------------------|----------------------|---------------------------|----------------------------|--------------------------|---------------------------|
| DATE <u>6-13-08</u>                | SEC <u>23</u>     | TWP <u>20S</u>                       | RANGE <u>21W</u>     | CALLED OUT <u>4:30 AM</u> | ON LOCATION <u>6:00 AM</u> | JOB START <u>7:30 AM</u> | JOB FINISH <u>8:00 AM</u> |
| LEASE <u>McJunkin</u>              | WELL# <u>1-23</u> | LOCATION <u>Bozine 4E to "HH" Rd</u> |                      |                           | COUNTY <u>Ness</u>         | STATE <u>KS</u>          |                           |
| OLD OR NEW (Circle one) <u>NEW</u> |                   |                                      | 10 1/2 S, 3/4 E, 5/5 |                           |                            |                          |                           |

CONTRACTOR Val Rig 4 OWNER American Warrior

TYPE OF JOB Surface  
 HOLE SIZE 12 1/4" T.D. 227'  
 CASING SIZE 8 3/8" DEPTH 222'  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX 200# MINIMUM 0  
 MEAS. LINE SHOE JOINT 15'  
 CEMENT LEFT IN CSG. 15'  
 PERFS.  
 DISPLACEMENT 13 BBLs of freshwater

CEMENT  
 AMOUNT ORDERED 160 SK Common 3% CC  
2% CC

|          |               |   |              |                |
|----------|---------------|---|--------------|----------------|
| COMMON   | <u>160 sk</u> | @ | <u>12.30</u> | <u>1968.00</u> |
| POZMIX   |               | @ |              |                |
| GEL      | <u>3 sk</u>   | @ | <u>18.40</u> | <u>55.20</u>   |
| CHLORIDE | <u>5 sk</u>   | @ | <u>51.50</u> | <u>257.50</u>  |
| ASC      |               | @ |              |                |

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|          |               |   |              |                |
|----------|---------------|---|--------------|----------------|
| HANDLING | <u>160 sk</u> | @ | <u>2.10</u>  | <u>332.80</u>  |
| MILEAGE  | <u>160 sk</u> | @ | <u>09.25</u> | <u>1480.00</u> |
| TOTAL    |               |   |              | <u>3011.50</u> |

SERVICE

|                   |             |   |                             |
|-------------------|-------------|---|-----------------------------|
| DEPTH OF JOB      | <u>222'</u> |   | <u>900.00</u>               |
| PUMP TRUCK CHARGE |             |   |                             |
| EXTRA FOOTAGE     |             | @ |                             |
| MILEAGE           | <u>25</u>   | @ | <u>7.00</u> <u>175.00</u>   |
| MANIFOLD          |             | @ |                             |
| <u>Head Rent</u>  |             | @ | <u>111.00</u> <u>111.00</u> |

TOTAL 1186.00

PLUG & FLOAT EQUIPMENT

|                       |              |              |
|-----------------------|--------------|--------------|
| <u>1- Wooden plug</u> | <u>67.00</u> | <u>67.00</u> |
|                       | @            |              |
|                       | @            |              |
|                       | @            |              |
|                       | @            |              |

TOTAL 67.00

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

REMARKS:

pipe on bottom break circulation mixed  
160 SK Common 3% CC, 2% CC  
shut down Released plug and displaced  
with 13 BBLs of freshwater and  
shut in.  
Cement did Circulate.

CHARGE TO: American Warrior

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

To Allied Cementing Co., LLC.

You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Tim Fabricius

SIGNATURE Tim Fabricius

# **Geological Report**

**American Warrior Inc.  
McJunkin #1-23  
2650' FNL & 1920' FEL  
Sec. 23 T20s R21w  
Ness County, Kansas**

**Hard Rock Consulting, Inc.  
Jason Alm Petroleum Geologist**

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WICHITA, KS**

**American Warrior, Inc.**

## General Data

Well Data: American Warrior, Inc.  
McJunkin #1-23  
2650' FNL & 1920' FEL  
Sec. 23 T33s R10w  
Ness County, Kansas  
API # 15-135-24797-0000

Drilling Contractor: Val Energy, Inc. Rig #4

Geologist: Jason Alm

Spud Date: June 12, 2008

Completion Date: June 21, 2008

Elevation: 2216' Ground Level  
2221' Kelly Bushing

Directions: Alexander KS, West on Hwy 96 to HH Rd., South  
to 30 Rd., East 1 mi., South on lease rd. into  
location.

Casing: 227' 8 5/8" surface casing

Samples: 10' wet and dry, 3600' to RTD

Drilling Time: 3600' to RTD

Electric Logs: None

Drillstem Tests: Four, Trilobite Testing, Inc. "Tyson Flax"

Problems: None

Remarks: DST #3 Flushed tool 5 min. into Final Flow.

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## Formation Tops

### Formation

|               |              |
|---------------|--------------|
| Anhydrite     | 1413', +808  |
| Base          | 1455', +766  |
| Heebner       | 3734', -1513 |
| Lansing       | 3783', -1562 |
| BKc           | 4113', -1892 |
| Pawnee        | 4253', -2032 |
| Fort Scott    | 4280', -2059 |
| Cherokee      | 4300', -2079 |
| Mississippian | 4360', -2139 |
| RTD           | 4385', -2164 |

American Warrior, Inc.

McJunkin #1-23

Sec. 23 T20S R21W

2650' FNL & 1920' FEL

## Sample Zone Descriptions

**Fort Scott** (4280', -2059):

Ls – Fine crystalline with poor to fair inter-crystalline porosity, light to fair oil stain with spotted saturation, no show of free, very light odor, chalky, 20 units hotwire.

**Miss** (4360', -2139):

Dolo – Δ – Fine to medium sucrosic crystalline dolomite with fair inter-crystalline porosity, weathered chert with good oil stain and scattered saturation, show of free oil in sample bucket, light to fair odor.

## Drill Stem Tests

Trilobite Testing Inc.

"Tyson Flax"

DST #1

Fort Scott

Interval (4266' – 4300') Anchor Length 34'

IHP – 2169 #

IFP – 30" – W.S.B. died 17 min.

ISI – 30" – Dead

FFP – 30" – Dead

FSI – 30" – Dead

FHP – 1996 #

BHT – 117°F

22-19 #

31 #

19-21 #

26 #

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Recovery: 5' Mud with a scum of oil

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DST #2      Mississippian  
Interval (4361' - 4370') Anchor Length 9'  
IHP    - 2238 #  
IFP    - 30" - W.S.B.                      20-22 #  
ISI    - 30" - Dead                        1013 #  
FFP    - 10" - W.S.B.                      22-25 #  
FSI    - 10" - Dead                        97 #  
FHP    - 2038 #  
BHT    - 117°F

Recovery:    5' Clean Oil   Gravity: 37° API  
                 15' Mud

DST #3      Mississippian  
Interval (4366' - 4377') Anchor Length 11'  
IHP    - 2159 #  
IFP    - 20" - W.S.B.                      15-18 #  
ISI    - 20" - Dead                        1104 #  
FFP    - 5+5" - Dead, Dead               19-22 #  
FHP    - 2092 #  
BHT    - 113°F

Recovery:    1' Clean Oil  
                 19' Mud

DST #4      Mississippian  
Interval (4367' - 4385') Anchor Length 18'  
IHP    - 2137 #  
IFP    - 45" - Built to 4 in.               28-47 #  
ISI    - 45" - Dead                        1364 #  
FFP    - 45" - Built to 3 in.               46-71 #  
FSI    - 45" - Dead                        1361 #  
FHP    - 2072 #  
BHT    - 122°F

Recovery:    1' Clean Oil  
                 29' SOCWM                      5% Oil  
                 90' Muddy Water

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## Structural Comparison

|                  | American Warrior, Inc.<br>McJunkin #1-23<br>Sec. 23 T20S R21W<br>2650' FNL & 1920' FEL | Lauck D R Oil Co., Inc.<br>Lewis #1<br>Sec. 23 T20S R21W<br>NW NW SE |       | Woolsey Petroleum Corp.<br>McJunkin Bros B #1<br>Sec. 23 T20S R21W<br>1980' FNL & 1320' FEL |       |
|------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------|-------|---------------------------------------------------------------------------------------------|-------|
| <b>Formation</b> |                                                                                        |                                                                      |       |                                                                                             |       |
| Anhydrite        | 1413', +808                                                                            | 1405', +805                                                          | (+3)  | NA                                                                                          | NA    |
| Base             | 1455', +766                                                                            | NA                                                                   | NA    | NA                                                                                          | NA    |
| Heebner          | 3734', -1513                                                                           | 3733', -1523                                                         | (+10) | NA                                                                                          | NA    |
| Lansing          | 3783', -1562                                                                           | 3783', -1573                                                         | (+11) | NA                                                                                          | NA    |
| BKc              | 4113', -1892                                                                           | NA                                                                   | NA    | NA                                                                                          | NA    |
| Pawnee           | 4253', -2032                                                                           | NA                                                                   | NA    | NA                                                                                          | NA    |
| Fort Scott       | 4280', -2059                                                                           | NA                                                                   | NA    | 4310', -2082                                                                                | (+23) |
| Cherokee         | 4300', -2079                                                                           | NA                                                                   | NA    | 4330', -2102                                                                                | (+23) |
| Mississippian    | 4360', -2139                                                                           | 4363', -2153                                                         | (+14) | 4402', -2174                                                                                | (+35) |

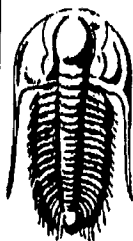
## Summary

The location for the McJunkin #1-23 well was found via 3-D seismic survey. The new well ran structurally as expected via survey. Four drill stem tests were conducted, all were non-commercial. After all gathered data had been thoroughly examined the decision was made to plug and abandon the McJunkin #1-23 well.

Respectfully Submitted,

Jason Alm  
Hard Rock Consulting, Inc.

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**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

American Warrior Inc

PO Box 399  
Garden City KS 67846

ATTN: Jason Alm

**McJunkin # 1-23**

**23 20S 21W Ness KS**

Job Ticket: 32159

DST#: 1

Test Start: 2008.06.18 @ 19:00:08

### GENERAL INFORMATION:

Formation: **Ft. Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:30:38

Time Test Ended: 03:21:08

Test Type: Conventional Bottom Hole

Tester: Tyson Flax

Unit No: 44

Interval: **4266.00 ft (KB) To 4300.00 ft (KB) (TVD)**

Total Depth: 4300.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2221.00 ft (KB)

2216.00 ft (CF)

KB to GR/CF: 5.00 ft

**Serial #: 8374**

Inside

Press@RunDepth: 20.90 psig @ 4270.00 ft (KB)

Start Date: 2008.06.18

End Date:

2008.06.19

Start Time: 19:00:09

End Time:

03:21:08

Capacity: 7000.00 psig

Last Calib.: 2008.06.19

Time On Btm: 2008.06.18 @ 22:30:08

Time Off Btm: 2008.06.19 @ 00:33:08

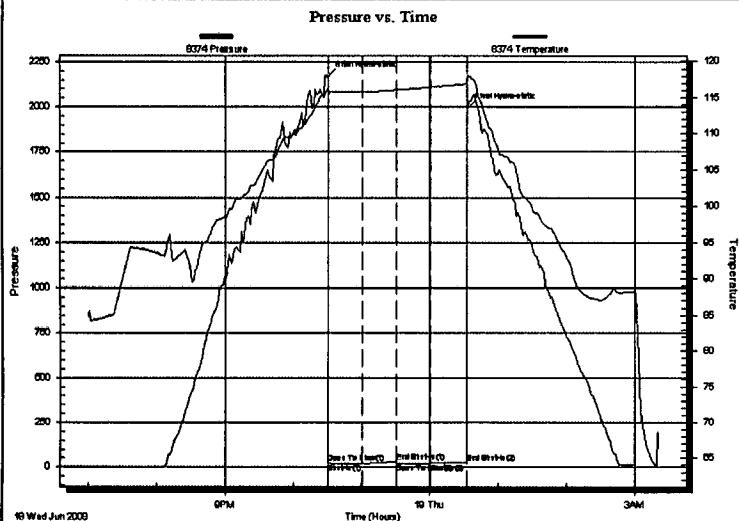
TEST COMMENT: IFP Weak surface blow died in 17 min

ISI No blow back

FFP No blow

FSI No blow back

### PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2168.59         | 116.20       | Initial Hydro-static |
| 1           | 22.01           | 114.98       | Open To Flow (1)     |
| 31          | 19.26           | 115.81       | Shut-In(1)           |
| 60          | 30.84           | 116.05       | End Shut-In(1)       |
| 61          | 18.55           | 116.05       | Open To Flow (2)     |
| 91          | 20.90           | 116.45       | Shut-In(2)           |
| 122         | 26.26           | 116.91       | End Shut-In(2)       |
| 123         | 1996.48         | 118.11       | Final Hydro-static   |

### Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 15.00       | Mud         | 0.21         |
|             |             |              |
|             |             |              |
|             |             |              |
|             |             |              |
|             |             |              |

### Gas Rates

| Choke (inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|----------------|-----------------|------------------|
|----------------|-----------------|------------------|

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**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

### FLUID SUMMARY

American Warrior Inc

McJunkin # 1-23

PO Box 399  
Garden City KS 67846

23 20S 21W Ness KS

Job Ticket: 32159

DST#: 1

ATTN: Jason Alm

Test Start: 2008.06.18 @ 19:00:08

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

37 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.17 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: inches

### Recovery Information

Recovery Table

| Length<br>ft | Description | Volume<br>bbl |
|--------------|-------------|---------------|
| 15.00        | Mud         | 0.213         |

Total Length: 15.00 ft

Total Volume: 0.213 bbl

Num Fluid Samples: 0

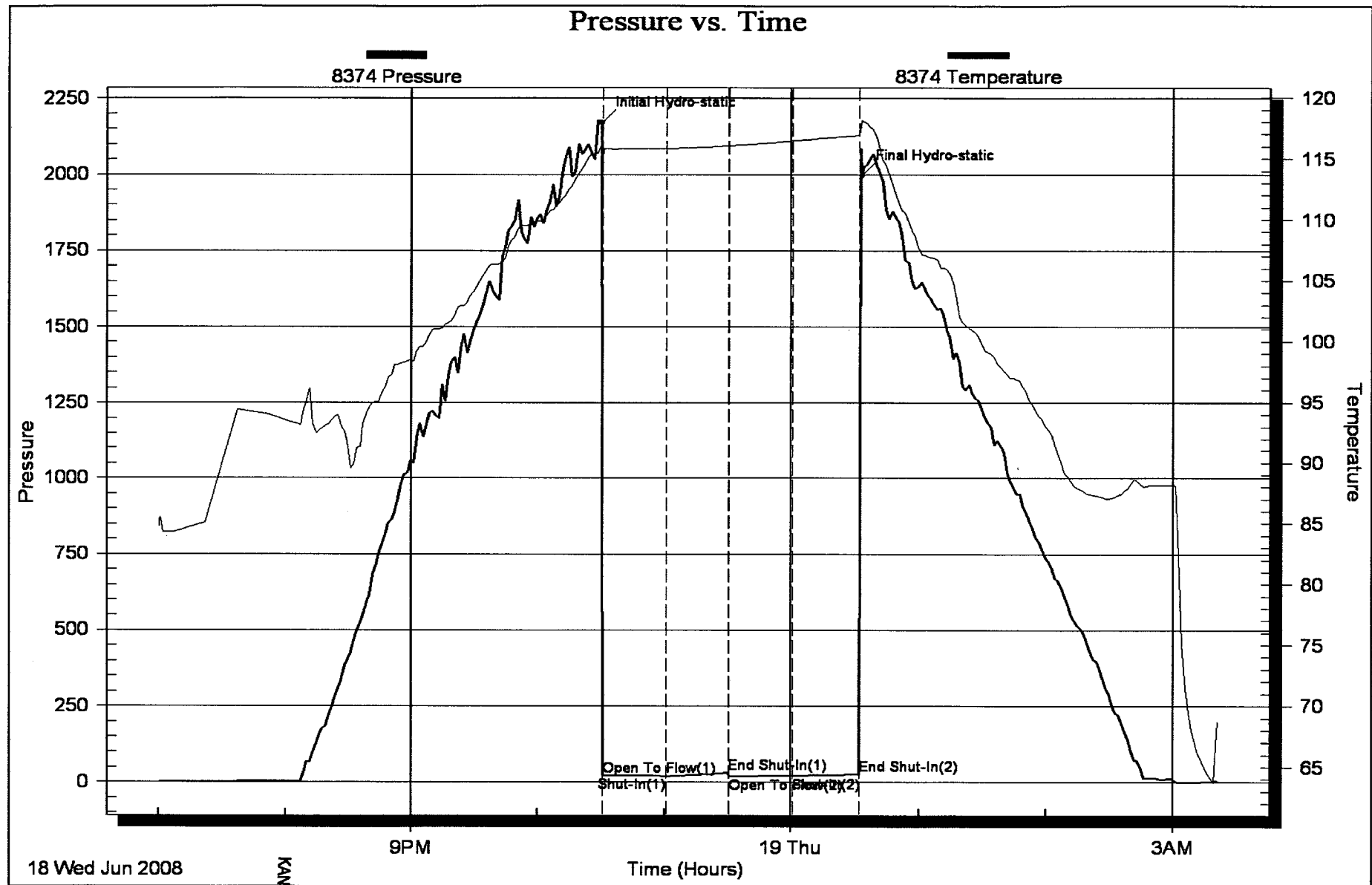
Num Gas Bombs: 0

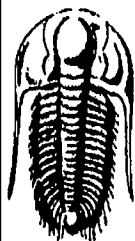
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

American Warrior Inc

PO Box 399  
Garden City KS 67846

ATTN: Jason Alm

**McJunkin # 1-23**

**23 20S 21W Ness KS**

Job Ticket: 32160

**DST#: 2**

Test Start: 2008.06.19 @ 17:33:41

### GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:17:41

Time Test Ended: 00:06:41

Test Type: Conventional Bottom Hole

Tester: Tyson Flax

Unit No: 44

Interval: **4361.00 ft (KB) To 4370.00 ft (KB) (TVD)**

Total Depth: 4359.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2221.00 ft (KB)

2216.00 ft (CF)

KB to GR/CF: 5.00 ft

**Serial #: 8374** Inside

Press@RunDepth: 24.59 psig @ 4362.00 ft (KB)

Start Date: 2008.06.19

End Date:

2008.06.20

Start Time: 17:33:42

End Time:

00:06:41

Capacity: 7000.00 psig

Last Calib.: 2008.06.20

Time On Btm: 2008.06.19 @ 20:17:11

Time Off Btm: 2008.06.19 @ 21:41:41

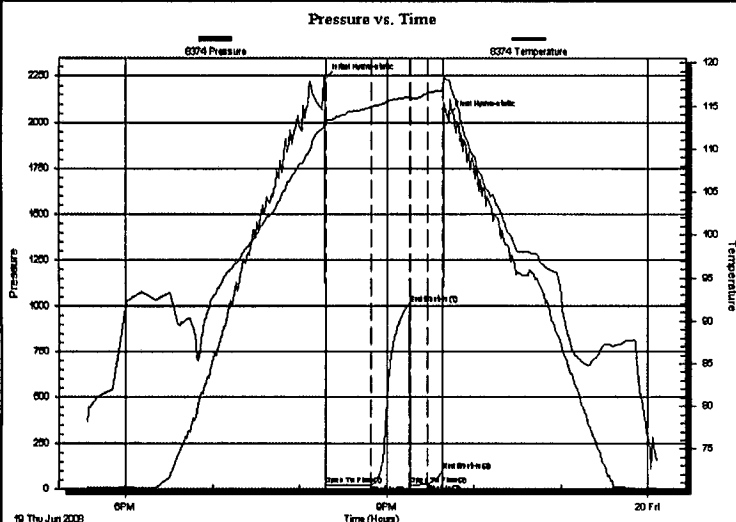
**TEST COMMENT:** IFP Weak surface blow throughout

ISI No blow back

FFP No blow

FSI No blow back

### PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2237.52         | 113.33       | Initial Hydro-static |
| 1           | 19.88           | 112.81       | Open To Flow (1)     |
| 32          | 21.95           | 114.95       | Shut-In(1)           |
| 58          | 1013.34         | 116.05       | End Shut-In(1)       |
| 59          | 22.06           | 115.64       | Open To Flow (2)     |
| 71          | 24.59           | 116.49       | Shut-In(2)           |
| 81          | 96.52           | 116.81       | End Shut-In(2)       |
| 85          | 2038.15         | 118.06       | Final Hydro-static   |

### Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 15.00       | Mud         | 0.21         |
| 5.00        | CO          | 0.07         |
|             |             |              |
|             |             |              |
|             |             |              |
|             |             |              |

### Gas Rates

|  | Choke (inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|--|----------------|-----------------|------------------|
|--|----------------|-----------------|------------------|

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## DRILL STEM TEST REPORT

### FLUID SUMMARY

American Warrior Inc

McJunkin # 1-23

PO Box 399  
Garden City KS 67846

23 20S 21W Ness KS

Job Ticket: 32160

DST#: 2

ATTN: Jason Alm

Test Start: 2008.06.19 @ 17:33:41

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

37 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 12.17 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: inches

### Recovery Information

Recovery Table

| Length<br>ft | Description | Volume<br>bbl |
|--------------|-------------|---------------|
| 15.00        | Mud         | 0.213         |
| 5.00         | CO          | 0.071         |

Total Length: 20.00 ft

Total Volume: 0.284 bbl

Num Fluid Samples: 0

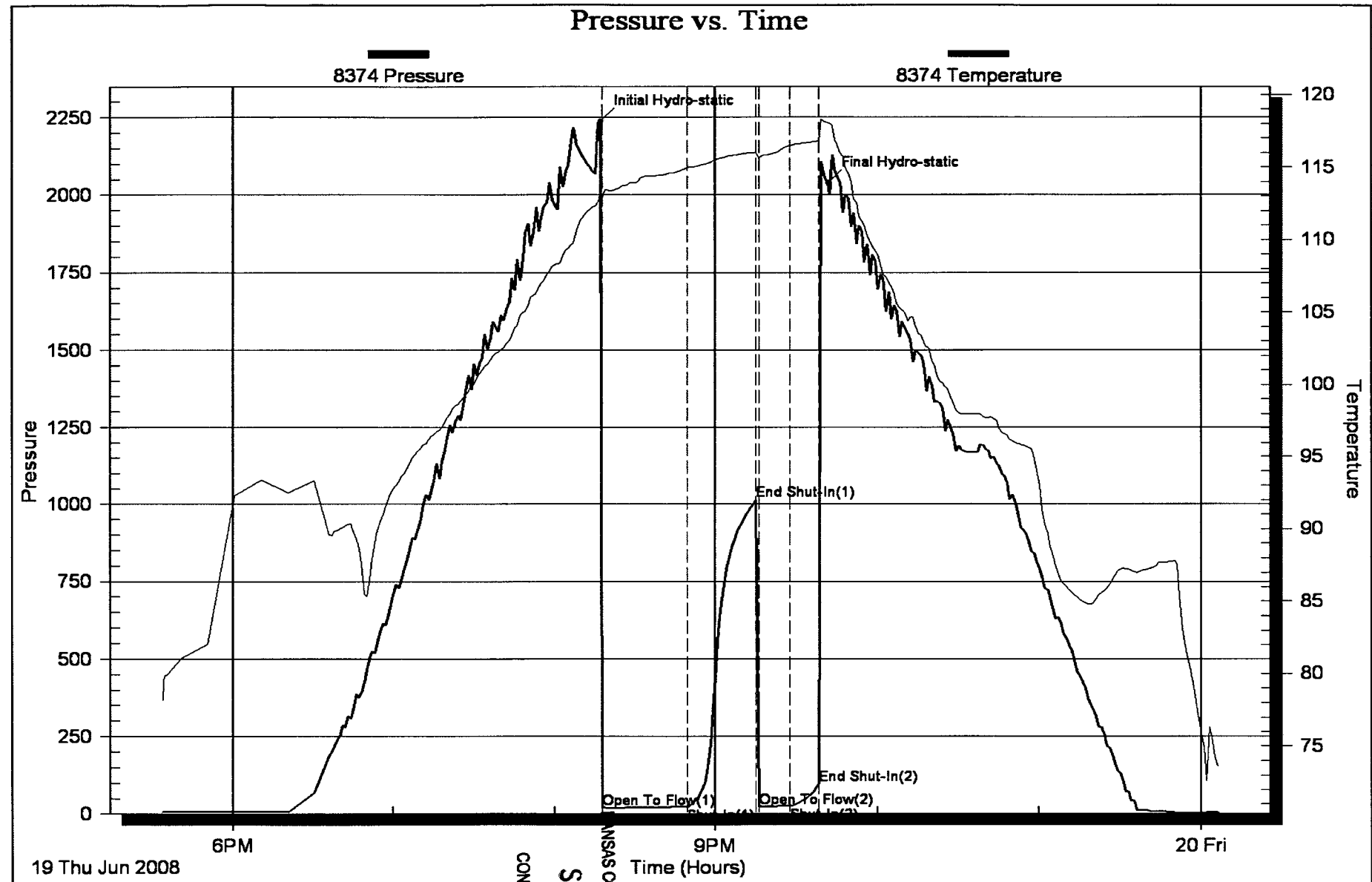
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



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## DRILL STEM TEST REPORT

American Warrior Inc

PO Box 399  
Garden City KS 67846

ATTN: Jason Alm

McJunkin # 1-23

23 20S 21W Ness KS

Job Ticket: 32161

DST#: 3

Test Start: 2008.06.20 @ 08:20:42

### GENERAL INFORMATION:

Formation: **Miss**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 10:23:12

Time Test Ended: 13:14:12

Test Type: Conventional Bottom Hole

Tester: Tyson Flax

Unit No: 44

Interval: **4366.00 ft (KB) To 4377.00 ft (KB) (TVD)**

Total Depth: **4377.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2221.00 ft (KB)**

**2216.00 ft (CF)**

KB to GR/CF: **5.00 ft**

Serial #: **8367**

Inside

Press@RunDepth: **18.15 psig @ 4367.00 ft (KB)**

Start Date: **2008.06.20**

End Date:

**2008.06.20**

Start Time: **08:20:43**

End Time:

**13:14:12**

Capacity: **7000.00 psig**

Last Calib.: **2008.06.20**

Time On Btm: **2008.06.20 @ 10:22:12**

Time Off Btm: **2008.06.20 @ 11:14:42**

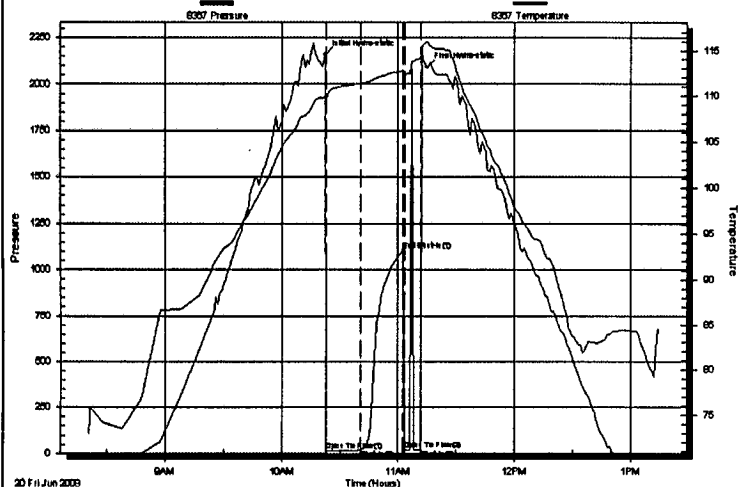
TEST COMMENT: IFP Weak surface blow died in 11 min

ISI No blow back

FFP No blow flushed tool no blow

FSI Pulled test

Pressure vs. Time



### PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2159.11         | 109.93       | Initial Hydro-static |
| 1           | 15.29           | 109.73       | Open To Flow (1)     |
| 19          | 18.15           | 111.43       | Shut-In(1)           |
| 40          | 1104.16         | 112.80       | End Shut-In(1)       |
| 41          | 19.26           | 112.45       | Open To Flow (2)     |
| 50          | 22.35           | 114.12       | Shut-In(2)           |
| 53          | 2091.51         | 115.93       | Final Hydro-static   |

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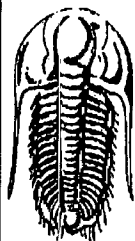
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### Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 19.00       | Mud         | 0.27         |
| 1.00        | CO          | 0.01         |
|             |             |              |
|             |             |              |
|             |             |              |
|             |             |              |

### Gas Rates

|  | Choke (inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|--|----------------|-----------------|------------------|
|--|----------------|-----------------|------------------|



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## DRILL STEM TEST REPORT

### FLUID SUMMARY

American Warrior Inc

McJunkin # 1-23

PO Box 399  
Garden City KS 67846

23 20S 21W Ness KS

Job Ticket: 32161

DST#: 3

ATTN: Jason Alm

Test Start: 2008.06.20 @ 08:20:42

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbl

Water Loss: 12.18 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: inches

### Recovery Information

Recovery Table

| Length<br>ft | Description | Volume<br>bbl |
|--------------|-------------|---------------|
| 19.00        | Mud         | 0.269         |
| 1.00         | CO          | 0.014         |

Total Length: 20.00 ft

Total Volume: 0.283 bbl

Num Fluid Samples: 0

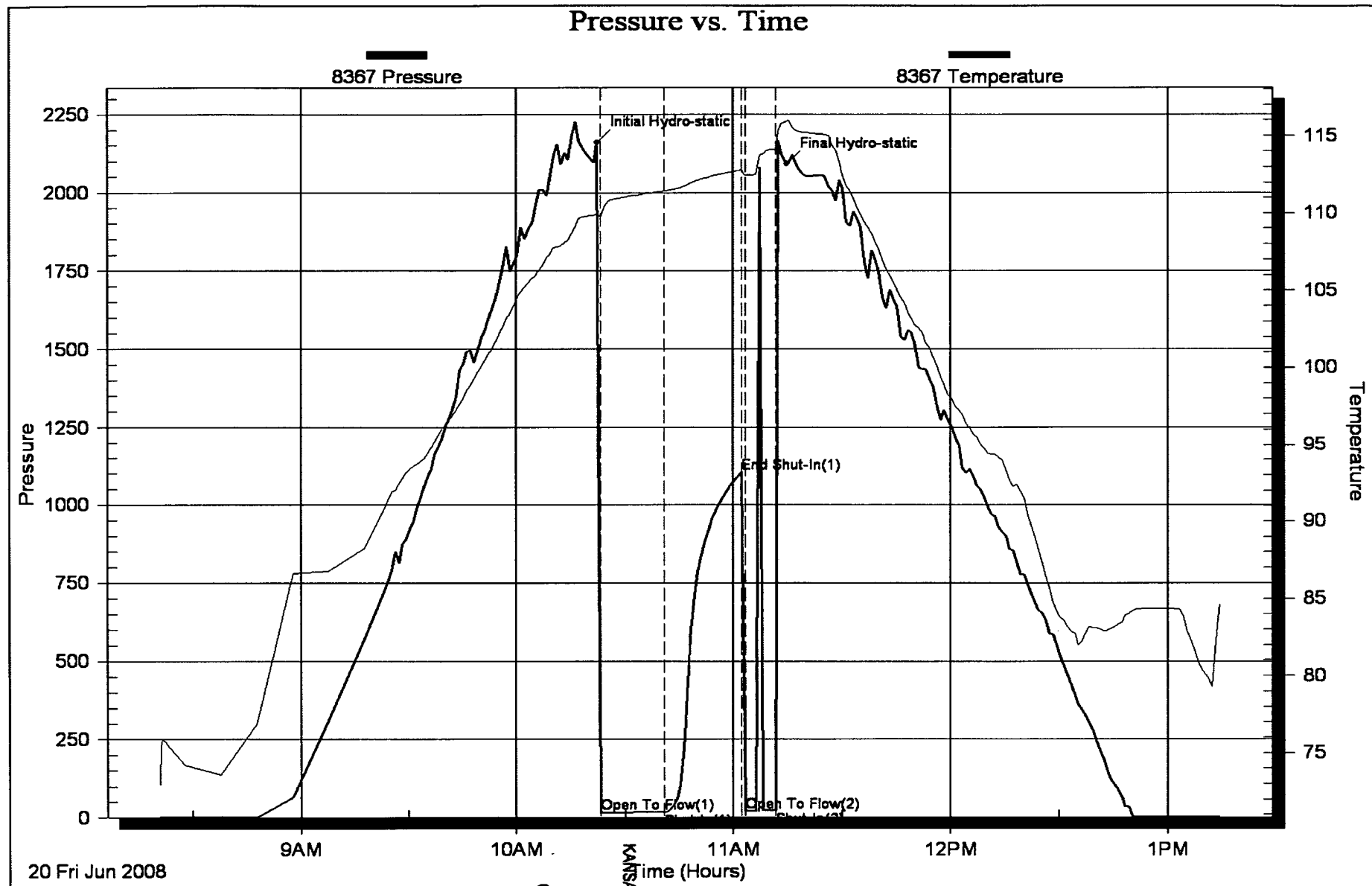
Num Gas Bombs: 0

Serial #:

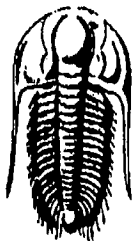
Laboratory Name:

Laboratory Location:

Recovery Comments:



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## DRILL STEM TEST REPORT

American Warrior Inc

PO Box 399  
Garden City KS 67846

ATTN: Jason Alm

**McJunkin # 1-23**

**23 20S 21W Ness KS**

Job Ticket: 32162

**DST#: 4**

Test Start: 2008.06.20 @ 21:55:05

### GENERAL INFORMATION:

Formation: **Miss**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 00:23:05

Time Test Ended: 06:03:35

Test Type: **Conventional Bottom Hole**

Tester: **Tyson Flax**

Unit No: **44**

Interval: **4367.00 ft (KB) To 4385.00 ft (KB) (TVD)**

Total Depth: **4385.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2221.00 ft (KB)**

**2216.00 ft (CF)**

KB to GR/CF: **5.00 ft**

**Serial #: 8367**

**Inside**

Press@RunDepth: **71.36 psig @ 4368.00 ft (KB)**

Start Date: **2008.06.20**

End Date:

**2008.06.21**

Start Time: **21:55:06**

End Time:

**06:03:35**

Capacity: **7000.00 psig**

Last Calib.: **2008.06.21**

Time On Btm: **2008.06.21 @ 00:15:05**

Time Off Btm: **2008.06.21 @ 03:37:05**

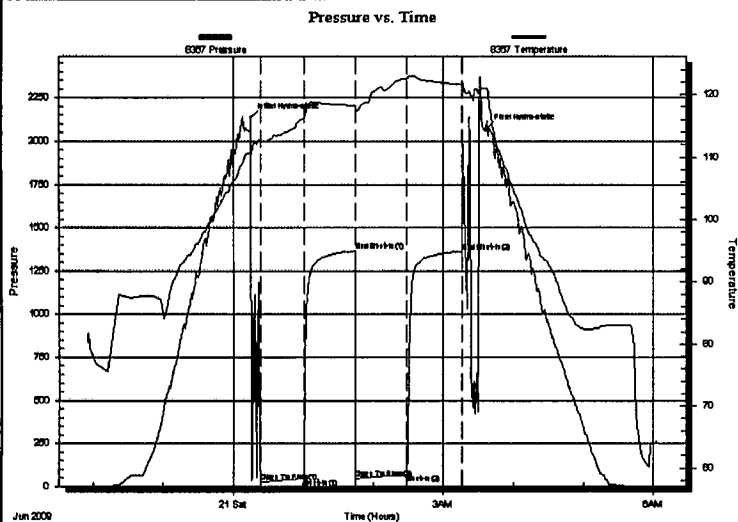
TEST COMMENT: IFP Weak 2 " blow built to 4 "

ISI No blow back

FFP Weak surface blow built to 3 "

FSI No blow back

### PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2136.91         | 110.83       | Initial Hydro-static |
| 8           | 27.91           | 112.53       | Open To Flow (1)     |
| 45          | 46.53           | 116.24       | Shut-In(1)           |
| 89          | 1363.95         | 118.28       | End Shut-In(1)       |
| 90          | 46.23           | 117.66       | Open To Flow (2)     |
| 134         | 71.36           | 122.59       | Shut-In(2)           |
| 181         | 1361.38         | 121.62       | End Shut-In(2)       |
| 202         | 2071.97         | 121.04       | Final Hydro-static   |

### Recovery

| Length (ft) | Description         | Volume (bbl) |
|-------------|---------------------|--------------|
| 90.00       | MW 90%W 10%M        | 1.28         |
| 29.00       | SOCWM 5%O 25%W 70%M | 0.41         |
| 1.00        | CO                  | 0.01         |
|             |                     |              |
|             |                     |              |
|             |                     |              |

### Gas Rates

|  | Choke (inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|--|----------------|-----------------|------------------|
|--|----------------|-----------------|------------------|

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## DRILL STEM TEST REPORT

### FLUID SUMMARY

American Warrior Inc

McJunkin # 1-23

PO Box 399  
Garden City KS 67846

23 20S 21W Ness KS

Job Ticket: 32162

DST#: 4

ATTN: Jason Alm

Test Start: 2008.06.20 @ 21:55:05

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

18000 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbl

Water Loss: 15.98 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8300.00 ppm

Filter Cake: inches

### Recovery Information

Recovery Table

| Length<br>ft | Description         | Volume<br>bbl |
|--------------|---------------------|---------------|
| 90.00        | MW 90%W 10%M        | 1.276         |
| 29.00        | SOCWM 5%O 25%W 70%M | 0.411         |
| 1.00         | CO                  | 0.014         |

Total Length: 120.00 ft

Total Volume: 1.701 bbl

Num Fluid Samples: 0

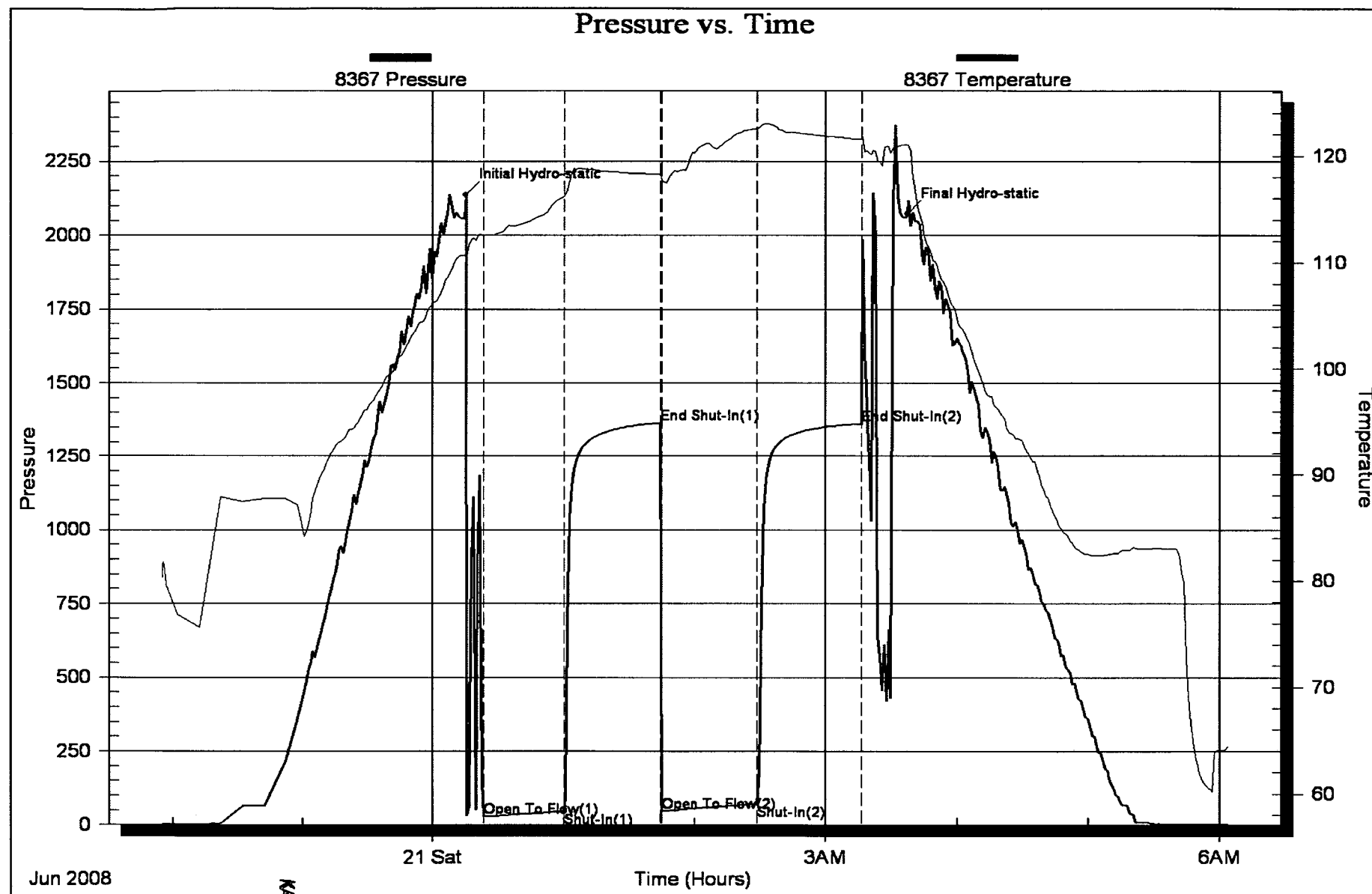
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



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