





1053636

Operator Name: American Warrior, Inc. Lease Name: Baus Well #: 1-30  
 Sec. 30 Twp. 19 S. R. 20  East  West County: Rush

**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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

|   |  |
|---|--|
| Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><i>(Attach Additional Sheets)</i><br><br>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><br>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br>Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><i>(If no, Submit Copy)</i><br><br>List All E. Logs Run:<br><br>Dual Induction, Dual Compensated Porosity | <input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample<br><br>Name Top Datum<br>Attached Attached Attached |
|---|--|

| CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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   | 12.25             | 8.625                     | 23                | 222           | Common         | 150          | 2% gel, 3% CC              |
|   |                   |                           |                   |               |                |              |                            |
|   |                   |                           |                   |               |                |              |                            |

| ADDITIONAL CEMENTING / SQUEEZE RECORD |                  |                |              |                            |
|---------------------------------------|------------------|----------------|--------------|----------------------------|
| Purpose:                              | Depth Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
| ___ Perforate                         |                  |                |              |                            |
| ___ Protect Casing                    | -                |                |              |                            |
| ___ Plug Back TD                      |                  |                |              |                            |
| ___ 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><i>(Amount and Kind of Material Used)</i> | Depth |
|----------------|---|--|-------|
|                |   |  |       |
|                |   |  |       |
|                |   |  |       |
|                |   |  |       |

TUBING RECORD: Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR: \_\_\_\_\_ Producing Method:  Flowing  Pumping  Gas Lift  Other (Explain) \_\_\_\_\_

|                                   |           |         |             |               |         |
|-----------------------------------|-----------|---------|-------------|---------------|---------|
| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |
|-----------------------------------|-----------|---------|-------------|---------------|---------|

|   |   |  |
|---|---|--|
| DISPOSITION OF GAS:<br><input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease<br><i>(If vented, Submit ACO-18.)</i> | METHOD OF COMPLETION:<br><input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled<br><i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i><br><input type="checkbox"/> Other (Specify) _____ | PRODUCTION INTERVAL:<br>_____<br>_____ |
|---|---|--|

|           |                        |
|-----------|------------------------|
| Form      | ACO1 - Well Completion |
| Operator  | American Warrior, Inc. |
| Well Name | Baus 1-30              |
| Doc ID    | 1053636                |

Tops

|               |      |       |
|---------------|------|-------|
| Anhydrite     | 1510 | 790   |
| Heebner       | 3806 | -1506 |
| Lansing       | 3854 | -1554 |
| BKC           | 4168 | -1868 |
| Pawnee        | 4302 | -2002 |
| Ft. Scott     | 4322 | -2022 |
| Cherokee      | 4339 | -2039 |
| Mississippian | 4411 | -2111 |
| TD            | 4430 | -2130 |

# ALLIED CEMENTING CO., LLC. 036723

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

SERVICE POINT:  
Great Bend, KS

|                                |                |                    |                  |   |             |                          |                           |
|--------------------------------|----------------|--------------------|------------------|---|-------------|--------------------------|---------------------------|
| DATE <u>7-10-10</u>            | SEC. <u>20</u> | TWP. <u>19S</u>    | RANGE <u>30W</u> | CALLED OUT  | ON LOCATION | JOB START <u>9:00 PM</u> | JOB FINISH <u>9:30 PM</u> |
| LEASE <u>Baus</u>              |                | WELL # <u>1-30</u> |                  | LOCATION <u>Alex 2 1/2 miles 1/4 west 7 south</u> |             | COUNTY <u>Bush</u>       | STATE <u>KS</u>           |
| OLD OR <u>NEW</u> (Circle one) |                |                    |                  | <u>1 west North 1/4 T-10</u>                      |             |                          |                           |

CONTRACTOR Petromack Rig 1 OWNER American warrior

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 224 CEMENT AMOUNT ORDERED 150sX class A

CASING SIZE 8 7/8 DEPTH 222 3% RC 2% Gel

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15

PERFS.

DISPLACEMENT 13 ABHS

EQUIPMENT

PUMP TRUCK CEMENTER Wayne-D

# 181 HELPER Wayne-D

BULK TRUCK

# 344 DRIVER Bob

BULK TRUCK

# DRIVER

**REMARKS:**

Pipe on bottom break circulate  
with Rig mud shut down  
Mix 150sX class A 2% RC 2% Gel  
Displace 13 ABHS fresh water  
Cement did circulate  
shut in wash up Rig down

|          |   |  |
|----------|---|--|
| COMMON   | @ |  |
| POZMIX   | @ |  |
| GEL      | @ |  |
| CHLORIDE | @ |  |
| ASC      | @ |  |
|          | @ |  |
|          | @ |  |
|          | @ |  |
|          | @ |  |
|          | @ |  |
|          | @ |  |
|          | @ |  |
|          | @ |  |
|          | @ |  |
| HANDLING | @ |  |
| MILEAGE  | @ |  |

TOTAL \_\_\_\_\_

**SERVICE**

|                   |   |
|-------------------|---|
| DEPTH OF JOB      |   |
| PUMP TRUCK CHARGE |   |
| EXTRA FOOTAGE     | @ |
| MILEAGE           | @ |
| MANIFOLD          | @ |
|                   | @ |
|                   | @ |

TOTAL \_\_\_\_\_

**PLUG & FLOAT EQUIPMENT**

|  |   |  |
|--|---|--|
|  | @ |  |
|  | @ |  |
|  | @ |  |
|  | @ |  |
|  | @ |  |

TOTAL \_\_\_\_\_

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

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

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

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 Code...

SIGNATURE [Signature]

API # 15-165-21887

# GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY American Warrior Inc.  
 LEASE Baus 1-30  
 FIELD Schadel NE  
 LOCATION 960' FSL + 1375' FWH  
 SEC 30 TWSP 19 S RGE 20 W  
 COUNTY Rush STATE KS

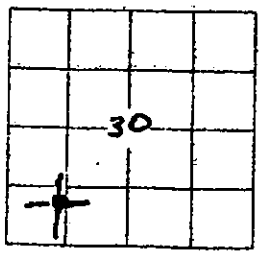
ELEVATIONS  
 KB 2300'  
 DF \_\_\_\_\_  
 GL 2294'  
 Measurements Are All From KB

CONTRACTOR Petromark Big 1  
 SPUD 7-10-10 COMP 7-17-10  
 RTD 4434 LTD 4430  
 MUD UP 3400 TYPE MUD Fresh

CASING SURFACE 858 @ 222-150  
 PRODUCTION \_\_\_\_\_  
 ELECTRICAL SURVEYS  
Ohm, DCP  
Log Tech

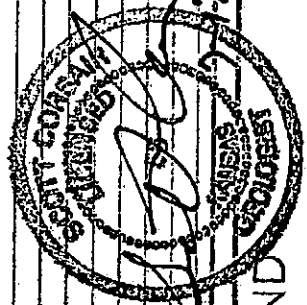
SAMPLES SAVED FROM 3600 TO TD  
 DRILLING TIME KEPT FROM 3600 TO TD  
 SAMPLES EXAMINED FROM 3600 TO TD  
 GEOLOGICAL SUPERVISION FROM 3600 TO TD  
 GEOLOGIST ON WELL Scott Corsair

| FORMATION TOPS | LOG         | SAMPLES     |
|----------------|-------------|-------------|
| Anhydrite      | 1510 + TD   | 1514 + 186  |
| Heebner        | 3866-1506   | 3810 - 1510 |
| Gasline        | 3854 - 1554 | 3856 - 1556 |
| BKC            | 4168 - 1868 | 4170 - 1870 |
| Lawell         | 4302 - 2002 | 4298 - 1998 |
| Ft. Scott      | 4323 - 2023 | 4325 - 2025 |
| Chick Kee      | 4339 - 2039 | 4340 - 2040 |
| Mississippi    | 4411 - 2111 | 4412 - 2112 |
| TD             | 4430 - 2130 | 4434 - 2134 |



REMARKS Anhydrite 1514-46

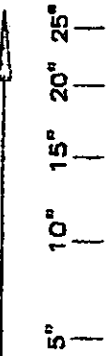
Based upon sample examination structural position analysis gas detector results DST results + log analysis this well uses part on 7-17-10



## LEGEND

- Dolomite
- Chert
- Oil-Lime
- Limestone
- Carb sh
- Shale
- Sandstone
- Salt
- Anhydrite

DRILLING TIME IN MINUTES PER FOOT  
 Rate of Penetration Decreases



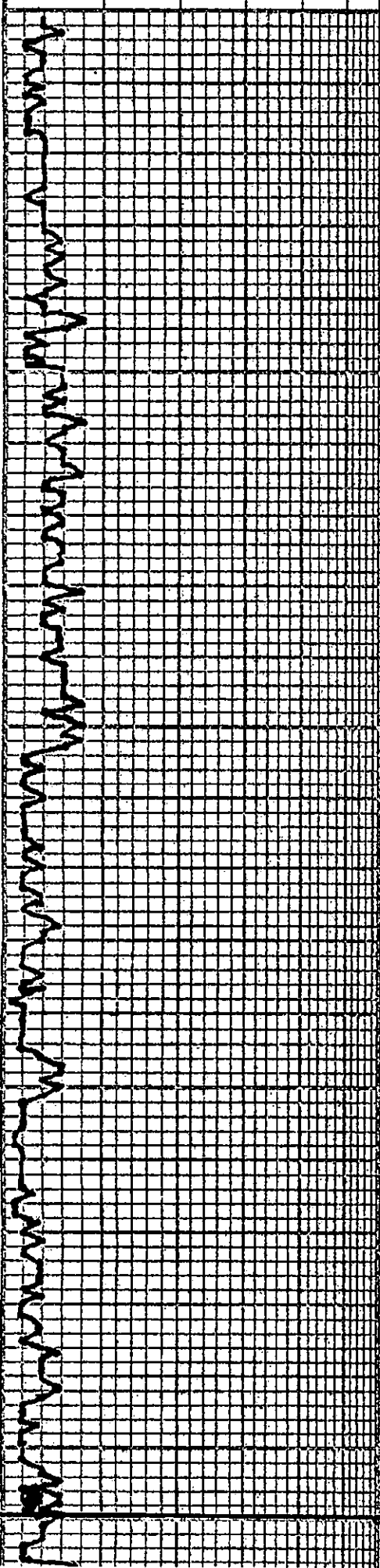
## LITHOLOGY

DEPTH

## SAMPLE DESCRIPTIONS

## OIL SHOWS

## REMARKS



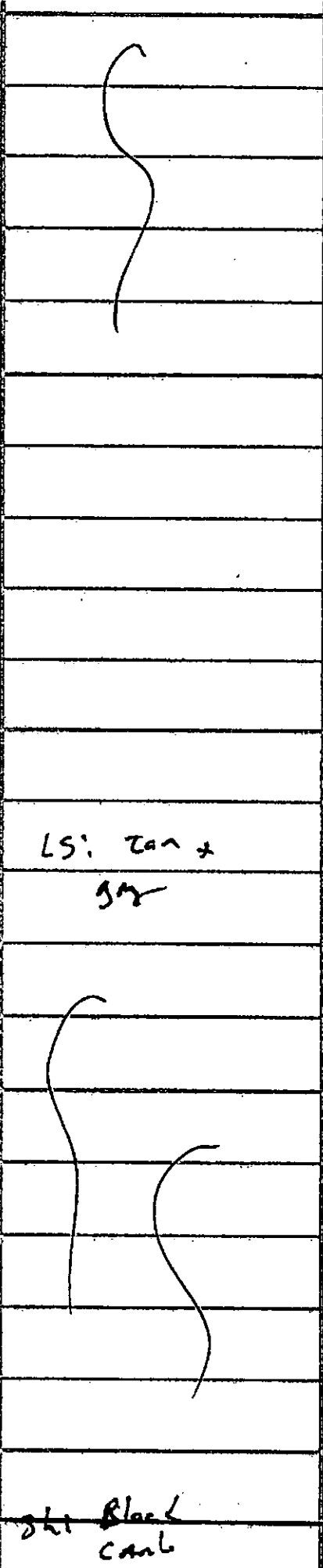
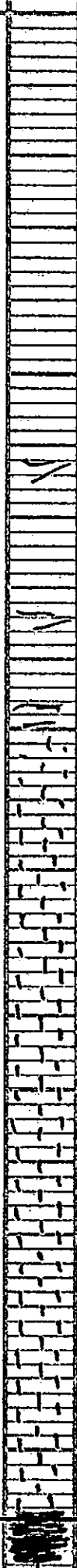
50

3700

50

3800  
Heobner  
3810

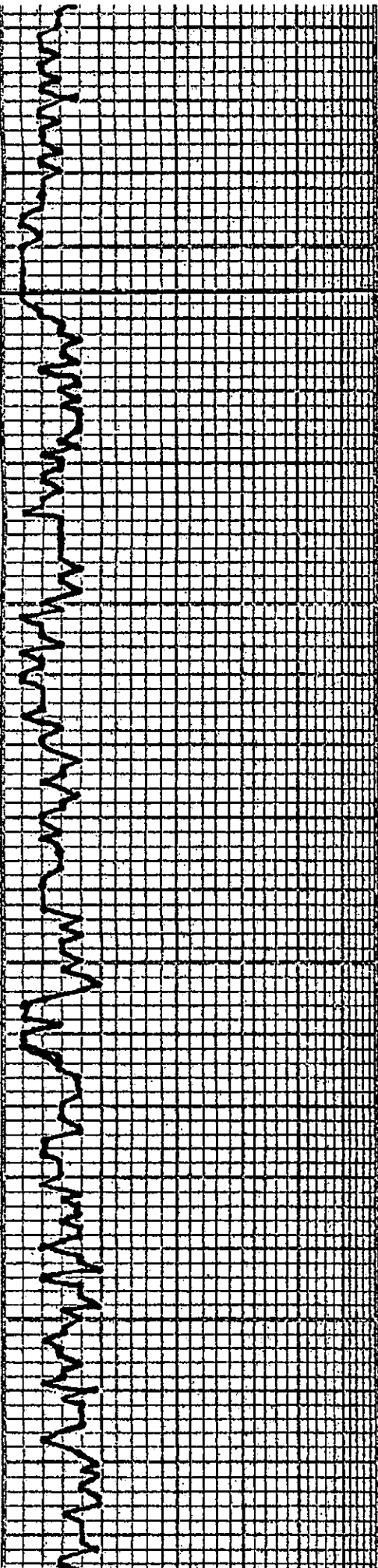
-1510



LS: Tan +  
gr

ski Black  
carb



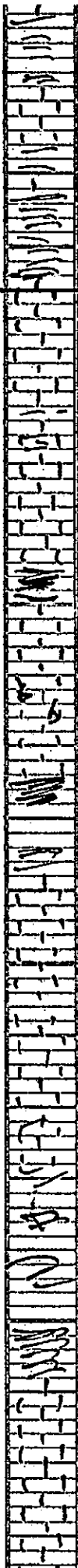


50  
hansias  
3856  
-1556

3900

50

4000



Sh: bran  
LS: Lt gray xh  
+ mic

Sh: bran - gray

LS: buff - tan  
xh dense  
NS

Sh: green - gray  
LS: Lt gray - white  
chert + xh -  
LS: tan  
NS

LS: tan + gray

chert tan + gray  
NS

Sh: black gray  
chert

SS

LS: tan + gray  
xh oo!  
NS

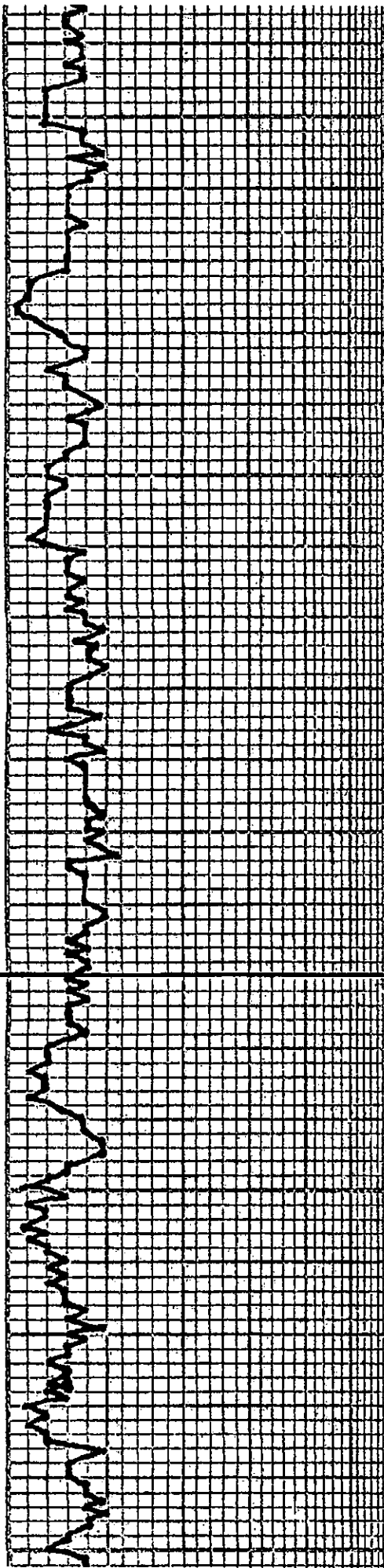
SS

Sh: green  
brown

LS + SH

at

(



50

sh m-c

SS

Ls: tan + gray  
 xh = ool NS

SS

sh

4100

Ls: tan-gray  
 brown xh dan  
 NS

SS

sh black

Ls: gray + dk tan  
 xh + mic

NS

50

sh: black

BKC  
 4170

Ls + sh

-1870

sh m-c

SS

4200

Ls: brown-gray  
 xh + mic  
 dark N:

sh: black

sh: m-c

Ls:

50

sh: m-c



SS

sh + LS

→ 4

SL

LS: gray den

short tail

sh: Red-brown

sh black gray

Paunce  
4298  
-1998  
4300  
-CTCH

Ft. Scott  
4325  
-2025

Cherokee  
4340

-2040  
50

LS: lt gray + tan  
xln dense  
NS

Sh: green-  
gray

LS: gray NS

SS: f. by SA - Ang  
clay + frosted,  
mostly loose grains  
few clusters. Dull fl.  
+ fair cut fl.

Sh: Red brown

Sh: green - red  
cht cba - white  
Ang

cht: white - weather

Thip, good vuggy  
several pieces w/  
green shale inclusions  
BSPD, BF, XCF  
no  
are with holes  
so

DST #1  
4416-29  
3030 10 -  
WB dried 10 min  
FF: NB  
Pulled  
Tool  
Rec: 20'  
10' oil  
10 mud  
JFF: 19-25  
JSP: 1205  
FF 30-31

4400  
Mississippi  
4412  
-2112

DST #2  
CFS - 2  
CFS -

RTD  
4434  
-2134

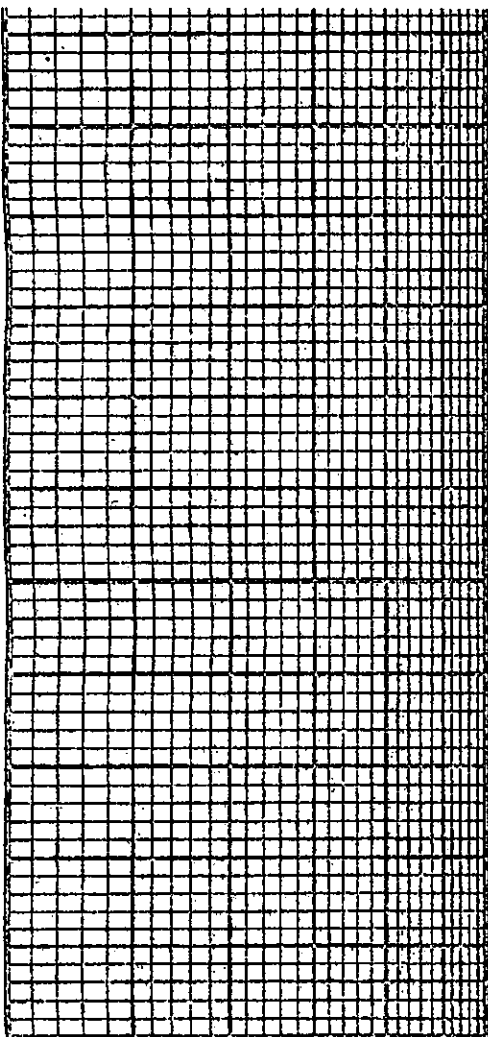
DST #2  
4417-4434

30-30-30-30

WB - 3 1/2  
1.1A - 3''

6 with  
DST 1





5" 10" 15" 20" 25"  
 DRILLING TIME Minutes/Foot

Rate of Penetration Decreases

DEPTH

LITHOLOGY

SAMPLE DESCRIPTIONS

OIL SHOWS

REMARKS

CONTRACTOR Petromark Rig #1  
 LEASE Baus 1-30 IP \_\_\_\_\_  
 ELEVATION 2300 KB RTD 443'

LOCATION 960' PL + 1375' FWL  
 SEC 30 TWP 19S RNC 20W  
 COUNTY RUSH STATE KS



CHARGE TO: American Water  
 ADDRESS:  
 CITY, STATE, ZIP CODE:

TICKET  
17986

PAGE 1 OF 1

SERVICE LOCATIONS:  
 1. Hays, Ks.  
 2. Ness City, Ks.

WELL PROJECT NO. 1-30 LEASE Baus COUNTY/PARISH Ness STATE Ks CITY \_\_\_\_\_ DATE 7-17-10 OWNER SAMS

TICKET TYPE REPAIR CONTRACTOR Retenack #1 RIG NAME NO. \_\_\_\_\_ SHIPPED Y/N DELIVERED TO Location ORDER NO. \_\_\_\_\_

WELL TYPE oil WELL CATEGORY Development JOB PURPOSE PTA WELL PERMIT NO. \_\_\_\_\_ WELL LOCATION \_\_\_\_\_

REFERRAL LOCATION \_\_\_\_\_ INVOICE INSTRUCTIONS \_\_\_\_\_

| PRICE REFERENCE | SECONDARY REFERENCE/<br>PART NUMBER | ACCOUNTING |      |    | DESCRIPTION           | QTY. |     | UNIT PRICE |    | AMOUNT  |
|-----------------|-------------------------------------|------------|------|----|-----------------------|------|-----|------------|----|---------|
|                 |                                     | LOC        | ACCT | DF |                       |      | UM  |            | UM |         |
| 575             |                                     | 1          |      |    | MILEAGE #111          | 30   | mi  | 5          | 00 | 150.00  |
| 578P            |                                     | 1          |      |    | Pump Charge (PTA)     | 1    | ea  | 750        | 00 | 750.00  |
| 290             |                                     | 1          |      |    | D-Air                 | 2    | gal | 35         | 00 | 70.00   |
| 328-4           |                                     | 2          |      |    | 6% Pac mix 4% gal     | 220  | lbs | 975        |    | 2145.00 |
| 581             |                                     | 2          |      |    | Cement Service Charge | 225  | lbs | 1          | 50 | 225.00  |
| 583             |                                     | 2          |      |    | Drayage               | 282  | TM  | 1          | 00 | 282.00  |

**LEGAL TERMS:** Customer hereby acknowledges and agrees to the terms and conditions on the reverse hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER REPRESENTATIVE PRIOR TO START OF WORK OR DELIVERY OF GOODS.

X Kevin Wilcox  
 DATE SIGNED 7-17-10

REMIT PAYMENT TO:  
 SWIFT SERVICES, INC.  
 P.O. BOX 465  
 NESS CITY, KS 67660  
 785-798-2300

| SURVEY   | AGREE  | DIS-<br>DECIDED | DIS-<br>AGREE | PAGE TOTAL |
|--|--|-----------------|---------------|------------|
| OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?                               |  |                 |               | 3724       |
| WE UNDERSTOOD AND MET YOUR NEEDS?  |  |                 |               |            |
| OUR SERVICE WAS PERFORMED WITHOUT DELAY?                                 |  |                 |               | TAX        |
| WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? |  |                 |               | TOTAL      |
| ARE YOU SATISFIED WITH OUR SERVICE?                                      | <input type="checkbox"/> YES <input type="checkbox"/> NO |                 |               |            |
| <input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND                |  |                 |               |            |

SWIFT OPERATOR

Thank You

**JOB LOG**

**SWIFT Services, Inc.**

DATE 7-17-10 PAGE NO. 1

CUSTOMER Academy Music Inc WELL NO. #1-30 LEASE Balls JOB TYPE PTA TICKET NO. 17786

| TIME | RATE (BPM) | VOLUME (BBL) (GAL) | PUMPS |   | PRESSURE (PSI) |        | DESCRIPTION OF OPERATION AND MATERIALS |
|------|------------|--------------------|-------|---|----------------|--------|--|
|      |            |                    | T     | C | TUBING         | CASING |  |
| 0800 |            |                    |       |   |                |        | on loc set up Tsk                      |
|      |            |                    |       |   |                |        | 4 1/2" DP x 16.60 x 7 1/2" x 1560'     |
|      |            |                    |       |   |                |        | 1st Plug 1560' 50sk 4% gel             |
| 0915 | 5          | 0                  |       |   | 150            |        | start water                            |
|      |            | 10/0               |       |   | 150            |        | start cement                           |
|      |            | 13/0               |       |   | 150            |        | start water                            |
|      |            | 3/0                |       |   | 150            |        | start Mud                              |
| 0925 |            | 10                 |       |   |                |        | Balanced                               |
|      |            |                    |       |   |                |        | 2nd Plug 600' 20sk 4% gel              |
| 0950 | 4          | 0                  |       |   | 160            |        | start water                            |
|      |            | 10/0               |       |   |                |        | start cement                           |
|      |            | 21/0               |       |   |                |        | start water                            |
| 1000 |            | 3                  |       |   |                |        | Balanced                               |
|      |            |                    |       |   |                |        | 3rd Plug 240' 40sk 4% gel              |
| 1015 | 4          | 0                  |       |   |                |        | start water                            |
|      |            | 10/0               |       |   |                |        | start cement                           |
|      |            | 10/0               |       |   |                |        | start water                            |
| 1020 |            | 1                  |       |   |                |        | Balanced                               |
|      |            |                    |       |   |                |        | 4th Plug 60' 20sk 4% gel               |
| 1050 |            | 0                  |       |   |                |        | start cement                           |
|      |            | 5                  |       |   |                |        | End cement                             |
|      |            |                    |       |   |                |        | Ball Hole 30sk 4% gel                  |
| 1155 |            | 0                  |       |   |                |        | start cement                           |
|      |            | 7                  |       |   |                |        | End cement                             |
|      |            |                    |       |   |                |        | Well Plugged                           |
|      |            |                    |       |   |                |        | Thank you                              |
|      |            |                    |       |   |                |        | Nick, Josh F & Russ                    |



# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 36200

Well Name & No. Baus 1-30 Test No. 2 Date 7-16-10  
 Company American Warrior Elevation 2300 KB 2295 GL  
 Address \_\_\_\_\_  
 Co. Rep / Geo. Scott Corsair Rig Petro Mark 1  
 Location: Sec. 30 Twp. 19S Rge. 30W Co. Rush State KS

Interval Tested 4417-4434 Zone Tested Mississippian  
 Anchor Length 17' Drill Pipe Run 4297 Mud Wt. 9.0  
 Top Packer Depth 4412 Drill Collars Run 121 Vis 58  
 Bottom Packer Depth 4417 Wt. Pipe Run 0 WL 12.0  
 Total Depth 4434 Chlorides 7,000 ppm System LCM 0

Blow Description IF- Weak blow, Built to 3.5 inches,  
IST- No blowback,  
FF- Weak blow, Built to 3 inches,  
FSI- No blowback.

| Rec       | Feet of    | %gas       | %oil      | %water     | %mud |
|-----------|------------|------------|-----------|------------|------|
| <u>5</u>  | <u>Oil</u> | <u>100</u> |           |            |      |
| <u>10</u> | <u>W/M</u> |            | <u>85</u> | <u>15</u>  |      |
| <u>60</u> | <u>W/M</u> |            | <u>95</u> | <u>5</u>   |      |
| <u>60</u> | <u>W/M</u> |            | <u>95</u> | <u>5</u>   |      |
| <u>3</u>  | <u>Mud</u> |            |           | <u>100</u> |      |

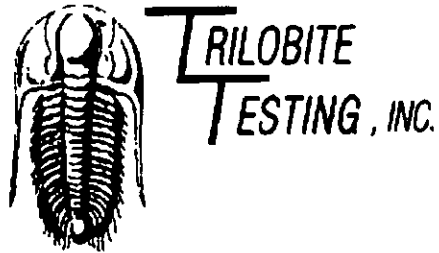
Rec Total 138 BHT 121 Gravity \_\_\_\_\_ API RW 177 @ 82 °F Chlorides 32,000 ppm

(A) Initial Hydrostatic 2240  Test \_\_\_\_\_ T-On Location 1515  
 (B) First Initial Flow 20  Jars \_\_\_\_\_ T-Started 1550  
 (C) First Final Flow 82  Safety Joint \_\_\_\_\_ T-Open 1740  
 (D) Initial Shut-In 1193  Circ Sub \_\_\_\_\_ T-Pulled 1955  
 (E) Second Initial Flow 84  Hourly Standby \_\_\_\_\_ T-Out 2230  
 (F) Second Final Flow 106  Mileage 104 RT Comments \_\_\_\_\_  
 (G) Final Shut-In 1208  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2152  Straddle \_\_\_\_\_

Initial Open 30  Shale Packer \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Initial Shut-In 30  Extra Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Final Flow 30  Extra Recorder \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Final Shut-In 30  Day Standby \_\_\_\_\_ Sub Total \_\_\_\_\_  
 Accessibility \_\_\_\_\_ Total \_\_\_\_\_  
 Sub Total \_\_\_\_\_

Approved By \_\_\_\_\_ Our Representative Dustin Rask

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



## DRILL STEM TEST REPORT

Prepared For: **American Warrior**

ATTN: Scott Corsair

**30-19s20w Rush KS**

**Baus1-30**

Start Date: 2010.07.16 @ 15:50:58

End Date: 2010.07.16 @ 22:31:23

Job Ticket #: 36203                      DST #: 2

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620



**TRIOBITE TESTING, INC**

**DRILL STEM TEST REPORT**

American Warrior

Baus1-30

30-19s20w Rush KS

Job Ticket: 38203

DST#: 2

ATTN: Scott Corsair

Test Start: 2010.07.16 @ 15:50:58

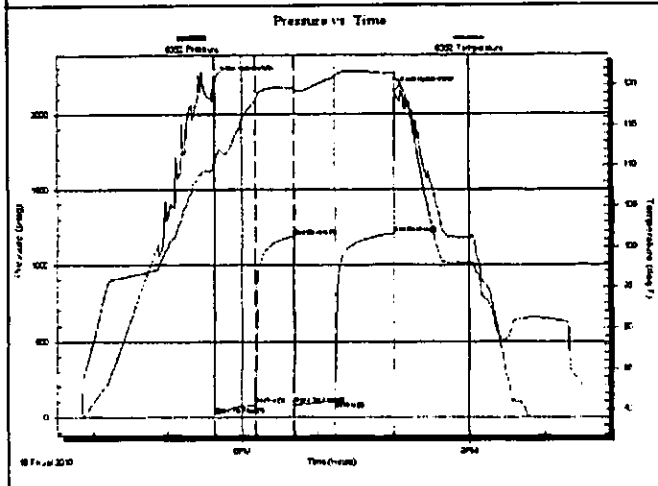
**GENERAL INFORMATION:**

Formation: **Mississippian**  
 Deviated: **No Whipstock** ft (KB)  
 Time Tool Opened: 17:38:28  
 Time Test Ended: 22:31:23  
 Interval: **4417.00 ft (KB) To 4434.00 ft (KB) (TVD)**  
 Total Depth: **4434.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Poor**

Test Type: **Conventional Bottom Hole**  
 Tester: **Dustin Rash**  
 Unit No: **31**  
 Reference Elevations: **2300.00 ft (KB)**  
**2295.00 ft (CF)**  
 KB to GR/CF: **5.00 ft**

Serial #: **8352** Outside  
 Press @ Run Depth: **106.32 psig @ 4418.00 ft (KB)** Capacity: **8000.00 psig**  
 Start Date: **2010.07.16** End Date: **2010.07.16** Last Calib.: **2010.07.16**  
 Start Time: **15:50:58** End Time: **22:31:23** Time On Btm: **2010.07.16 @ 17:38:08**  
 Time Off Btm: **2010.07.16 @ 20:01:08**

TEST COMMENT: IF-Weak blow. Built to 3.5 inches.  
 IS-No blow back.  
 FF-Weak blow. Built to 3 inches.  
 FS-No blow back.



**PRESSURE SUMMARY**

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2239.54         | 110.46       | Initial Hydro-static |
| 1           | 19.58           | 110.09       | Open To Flow (1)     |
| 33          | 82.40           | 118.22       | Shut-In(1)           |
| 64          | 1192.49         | 119.68       | End Shut-In(1)       |
| 64          | 84.06           | 119.02       | Open To Flow (2)     |
| 96          | 106.32          | 121.03       | Shut-In(2)           |
| 143         | 1208.11         | 121.41       | End Shut-In(2)       |
| 143         | 2152.38         | 121.57       | Final Hydro-static   |

**Recovery**

| Length (ft) | Description       | Volume (bbl) |
|-------------|-------------------|--------------|
| 5.00        | 100% Oil          | 0.02         |
| 10.00       | 85% Water/15% Mud | 0.05         |
| 60.00       | 95% Water/5% Mud  | 0.30         |
| 60.00       | 95% Water/5% Mud  | 0.42         |
| 3.00        | 100% Mud          | 0.04         |

**Gas Rates**

| Choke (inches) | Pressure (psig) | Gas Rate (Mcfd) |
|----------------|-----------------|-----------------|
|                |                 |                 |





**TRILOBITE TESTING, INC**

**DRILL STEM TEST REPORT**

American Warrior

Baus1-30

30-19s20w Rush KS

Job Ticket: 36203

DST#: 2

ATTN: Scott Corsair

Test Start: 2010.07.16 @ 15:50:58

**GENERAL INFORMATION:**

Formation: Mississippian

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:38:28

Time Test Ended: 22:31:23

Test Type: Conventional Bottom Hole

Tester: Dustin Rash

Unit No: 31

Interval: 4417.00 ft (KB) To 4434.00 ft (KB) (TVD)

Total Depth: 4434.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 2300.00 ft (KB)

2295.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8017 Inside

Press@RunDepth: psig @ 4418.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.07.16

End Date:

2010.07.16

Last Calib.:

2010.07.16

Start Time: 15:50:01

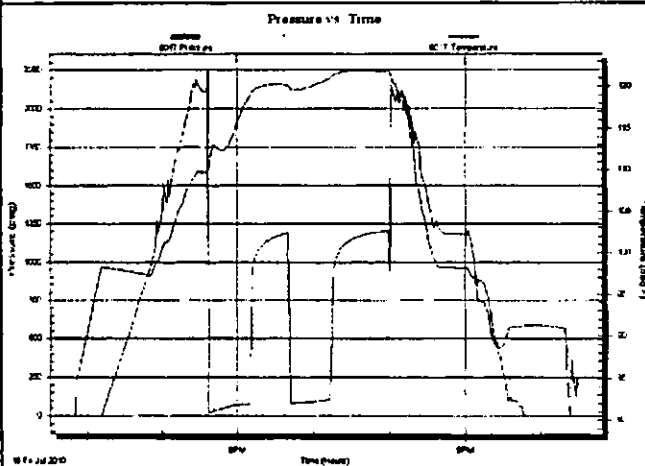
End Time:

22:29:31

Time On Btm:

Time Off Btm:

TEST COMMENT: IF-Weak blow . Built to 3.5 inches.  
 IS-No blow back  
 FF-Weak blow . Built to 3 inches.  
 FS-No blow back.



**PRESSURE SUMMARY**

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|------------|
|             |                 |              |            |
|             |                 |              |            |
|             |                 |              |            |
|             |                 |              |            |
|             |                 |              |            |
|             |                 |              |            |
|             |                 |              |            |
|             |                 |              |            |
|             |                 |              |            |
|             |                 |              |            |

**Recovery**

| Length (ft) | Description       | Volume (bbl) |
|-------------|-------------------|--------------|
| 5.00        | 100% Oil          | 0.02         |
| 10.00       | 85% Water/15% Mud | 0.05         |
| 60.00       | 95% Water/5% Mud  | 0.30         |
| 60.00       | 95% Water/5% Mud  | 0.42         |
| 3.00        | 100% Mud          | 0.04         |
|             |                   |              |
|             |                   |              |

**Gas Rates**

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



**TRILOBITE**  
TESTING, INC

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

American Warrior

Baus1-30

30-19a20w Rush KS

Job Ticket: 36203

DST#: 2

ATTN: Scott Corsair

Test Start: 2010.07.16 @ 15:50:58

**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:

32000 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbf

Water Loss: 11.99 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.18 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 0.00 inches

**Recovery Information**

Recovery Table

| Length<br>ft | Description       | Volume<br>bbf |
|--------------|-------------------|---------------|
| 5.00         | 100% Oil          | 0.025         |
| 10.00        | 85% Water/15% Mud | 0.049         |
| 60.00        | 95% Water/5% Mud  | 0.295         |
| 60.00        | 95% Water/5% Mud  | 0.423         |
| 3.00         | 100% Mud          | 0.042         |

Total Length: 138.00 ft

Total Volume: 0.834 bbf

Num Fluid Samples: 0

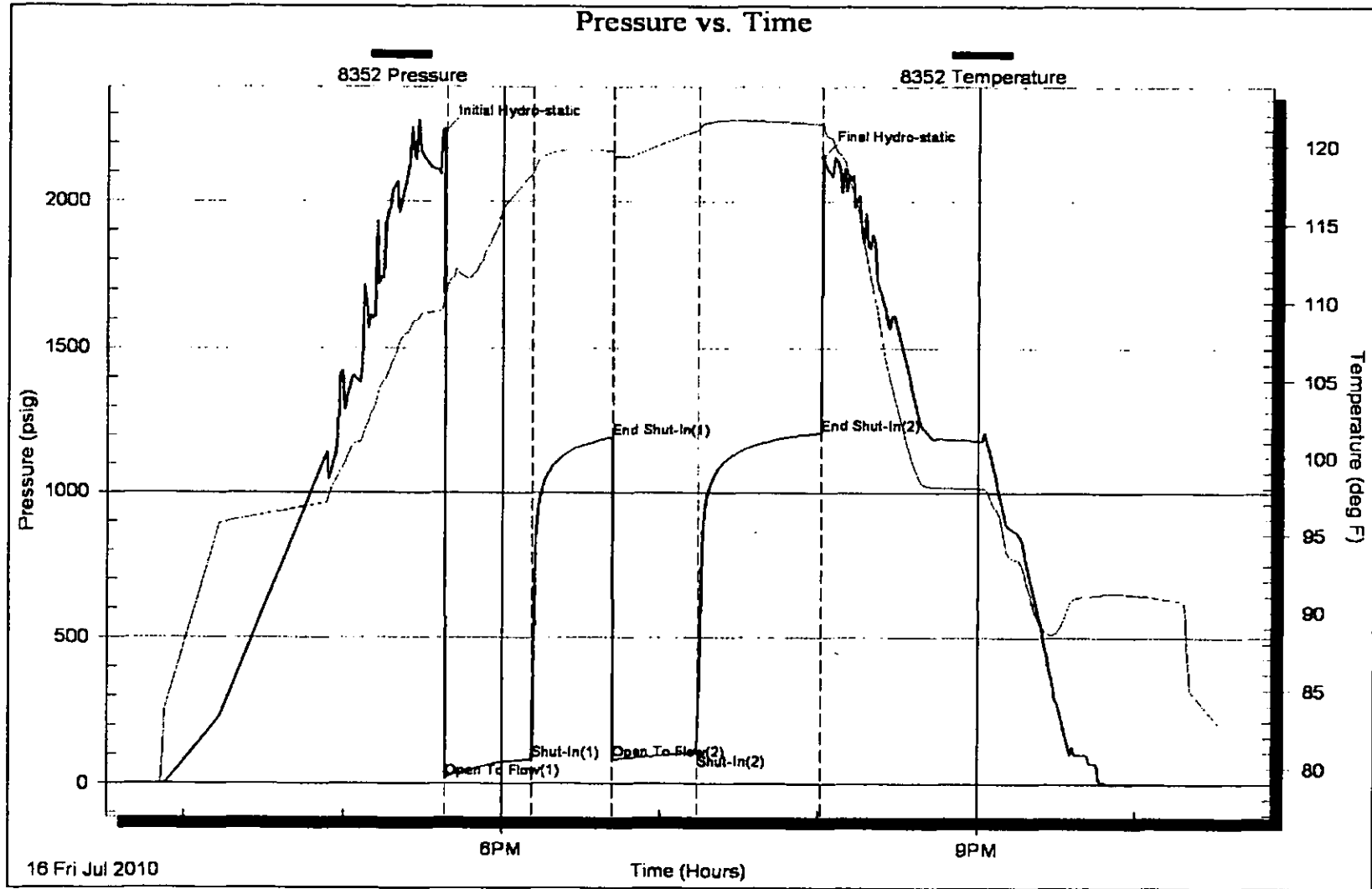
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



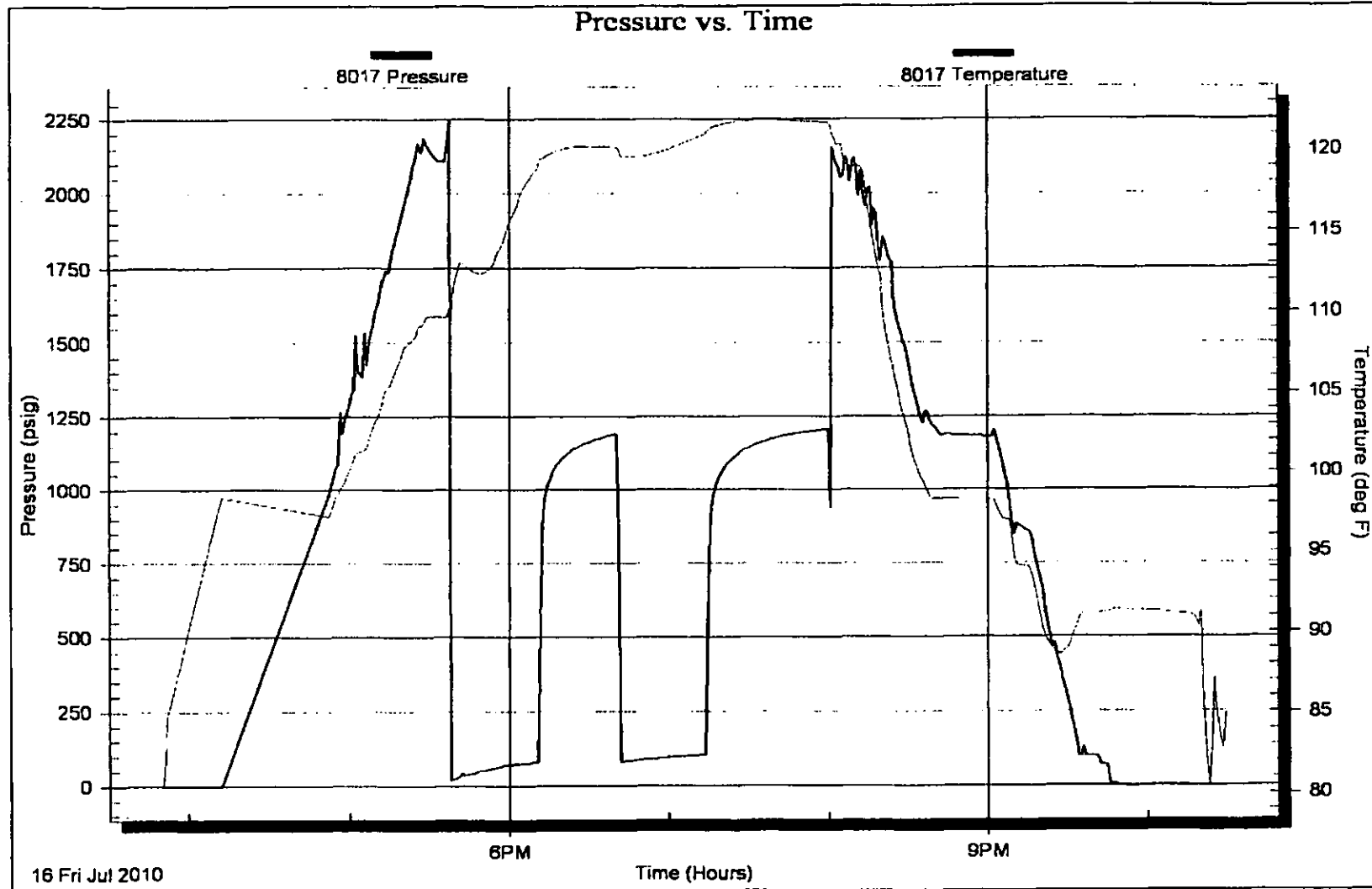
Serial #: 8017

Inside

American Warrior

30-19s20w Rush KS

DST Test Number: 2





# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 36280

Well Name & No. Bands 1-30 Test No. 1 Date 7-16-10  
 Company American Warrior Elevation 2300 KB 2295 GL  
 Address \_\_\_\_\_  
 Co. Rep / Geo. Scott Coisain Rig Perismark #1  
 Location: Sec. 30 Twp. 18S Rge. 20W Co. Rush State KS

Interval Tested 4416-4429 Zone Tested Mississippian  
 Anchor Length 13' Drill Pipe Run 4295 Mud Wt. 8.9  
 Top Packer Depth 4411 Drill Collars Run 121 Vis 69  
 Bottom Packer Depth 4416 Wt. Pipe Run \_\_\_\_\_ WL 8.8  
 Total Depth 4429 Chlorides 6000 ppm System LCM Tr  
 Blow Description IF - Weak blow. Died in ten minutes.  
ISI - No blow back.  
FF - No blow. Pulled tool after ten minutes.

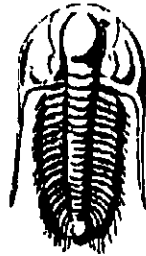
| Rec       | Feet of    | %gas       | %oil  | %water     | %mud  |
|-----------|------------|------------|-------|------------|-------|
| <u>10</u> | <u>Oil</u> | <u>100</u> |       |            |       |
| <u>10</u> | <u>Mud</u> |            |       | <u>100</u> |       |
| _____     | _____      | _____      | _____ | _____      | _____ |
| _____     | _____      | _____      | _____ | _____      | _____ |
| _____     | _____      | _____      | _____ | _____      | _____ |

Rec Total 20' BHT 118 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 2335.44  Test \_\_\_\_\_ T-On Location 0135  
 (B) First Initial Flow 19.44  Jars \_\_\_\_\_ T-Started 0250  
 (C) First Final Flow ~~20.00~~ 24.71  Safety Joint \_\_\_\_\_ T-Open 0614  
 (D) Initial Shut-In 1204.59  Circ Sub \_\_\_\_\_ T-Pulled 0728  
 (E) Second Initial Flow 30.82  Hourly Standby \_\_\_\_\_ T-Out 0915  
 (F) Second Final Flow 32.82  Mileage 104 RT Comments \_\_\_\_\_  
 (G) Final Shut-In N/A  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2100.22  Straddle \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Day Standby \_\_\_\_\_ Sub Total \_\_\_\_\_  
 Accessibility \_\_\_\_\_ Total \_\_\_\_\_  
 Sub Total \_\_\_\_\_

Approved By \_\_\_\_\_ Our Representative Dustin Rask

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



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

## DRILL STEM TEST REPORT

Prepared For: **American Warrior**

ATTN: Scott Corsair

**30-19s20w Rush KS**

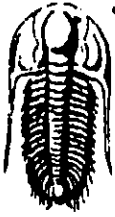
**Baus1-30**

Start Date: 2010.07.16 @ 02:49:02

End Date: 2010.07.16 @ 09:42:12

Job Ticket #: 36202                      DST #: 1

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67801  
ph: 785-625-4778 fax: 785-625-5620



**TRIBOLITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

American Warrior

Baus1-30

30-19s20w Rush KS

Job Ticket: 36202

DST#: 1

ATTN: Scott Corsair

Test Start: 2010.07.16 @ 02:49:02

### GENERAL INFORMATION:

Formation: Missipian

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:16:45

Time Test Ended: 09:42:12

Test Type: Conventional Bottom Hole

Tester: Dustin Rash

Unit No: 31

Interval: 4416.00 ft (KB) To 4429.00 ft (KB) (TVD)

Total Depth: 4429.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 2300.00 ft (KB)

2295.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8352

Outside

Press@RunDepth: 24.71 psig @ 4417.00 ft (KB)

Start Date: 2010.07.16

End Date:

2010.07.16

Capacity: 8000.00 psig

Last Calib.:

2010.07.16

Start Time: 02:49:02

End Time:

09:42:12

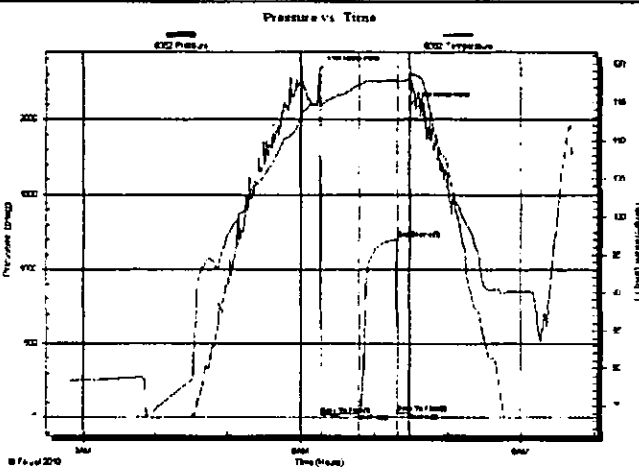
Time On Btm:

2010.07.16 @ 06:15:55

Time Off Btm:

2010.07.16 @ 07:28:55

**TEST COMMENT:** IF- weak blow died in 10 minutes  
IS- No blow back  
FF- No blow . pulled tool after 10 minutes.



### PRESSURE SUMMARY

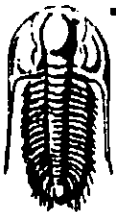
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2335.44         | 115.10       | Initial Hydro-static |
| 1           | 19.44           | 114.39       | Open To Flow (1)     |
| 33          | 24.71           | 117.23       | Shut-In (1)          |
| 63          | 1204.59         | 117.90       | End Shut-In (1)      |
| 64          | 30.82           | 117.49       | Open To Flow (2)     |
| 73          | 32.82           | 118.14       | Shut-In (2)          |
| 73          | 2100.22         | 119.26       | Final Hydro-static   |

### Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 10.00       | 100% Oil    | 0.05         |
| 10.00       | 100% Mud    | 0.05         |
|             |             |              |
|             |             |              |
|             |             |              |

### Gas Rates

|  | Choke (Inches) | Pressure (psig) | Gas Rate (McDd) |
|--|----------------|-----------------|-----------------|
|  |                |                 |                 |



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

American Warrior

Baus1-30

30-19s20w Rush KS

Job Ticket: 36202

DST#: 1

ATTN: Scott Corsair

Test Start: 2010.07.16 @ 02:49:02

## GENERAL INFORMATION:

Formation: Missipian  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 06:16:45  
 Time Test Ended: 09:42:12

Test Type: Conventional Bottom Hole  
 Tester: Dustin Rash  
 Unit No: 31

Interval: 4416.00 ft (KB) To 4429.00 ft (KB) (TVD)  
 Total Depth: 4429.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Poor

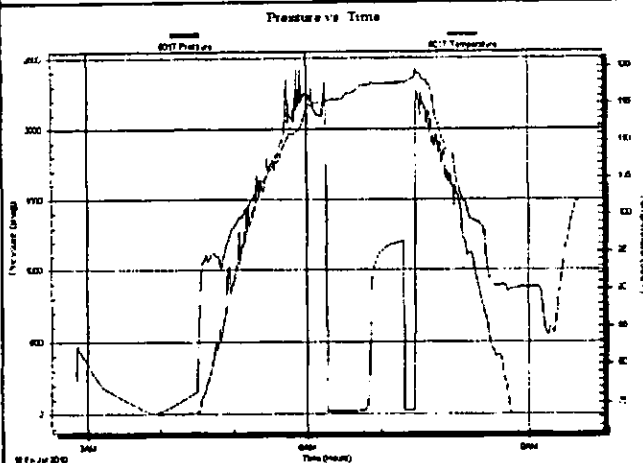
Reference Elevations: 2300.00 ft (KB)  
 2295.00 ft (CF)  
 KB to GR/CF: 5.00 ft

Serial #: 8017 Inside

Press@RunDepth: psig @ 4417.00 ft (KB)  
 Start Date: 2010.07.16 End Date: 2010.07.16  
 Start Time: 02:50:16 End Time: 09:41:25

Capacity: 8000.00 psig  
 Last Calib.: 2010.07.16  
 Time On Btm:  
 Time Off Btm:

TEST COMMENT: IF- weak blow died in 10 minutes  
 IS- No blow back  
 FF- No blow . pulled tool after 10 minutes.



## PRESSURE SUMMARY

| Time (Mn.) | Pressure (psig) | Temp (deg F) | Annotation |
|------------|-----------------|--------------|------------|
|            |                 |              |            |
|            |                 |              |            |
|            |                 |              |            |
|            |                 |              |            |
|            |                 |              |            |
|            |                 |              |            |
|            |                 |              |            |
|            |                 |              |            |
|            |                 |              |            |
|            |                 |              |            |

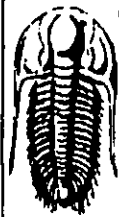
## Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 10.00       | 100% Oil    | 0.05         |
| 10.00       | 100% Mud    | 0.05         |
|             |             |              |
|             |             |              |
|             |             |              |
|             |             |              |

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior

Baus1-30

30-19s20w Rush KS

Job Ticket: 36202

DST#: 1

ATTN: Scott Corsair

Test Start: 2010.07.16 @ 02:49:02

### Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 69.00 sec/qt

Water Loss: 8.80 in<sup>3</sup>

Resistivity: ohm.m

Salinity: ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: ppm

deg API

ppm

### Recovery Information

Recovery Table

| Length<br>ft | Description | Volume<br>bbl |
|--------------|-------------|---------------|
| 10.00        | 100% Oil    | 0.049         |
| 10.00        | 100% Mud    | 0.049         |

Total Length: 20.00 ft      Total Volume: 0.098 bbl

Num Fluid Samples: 0

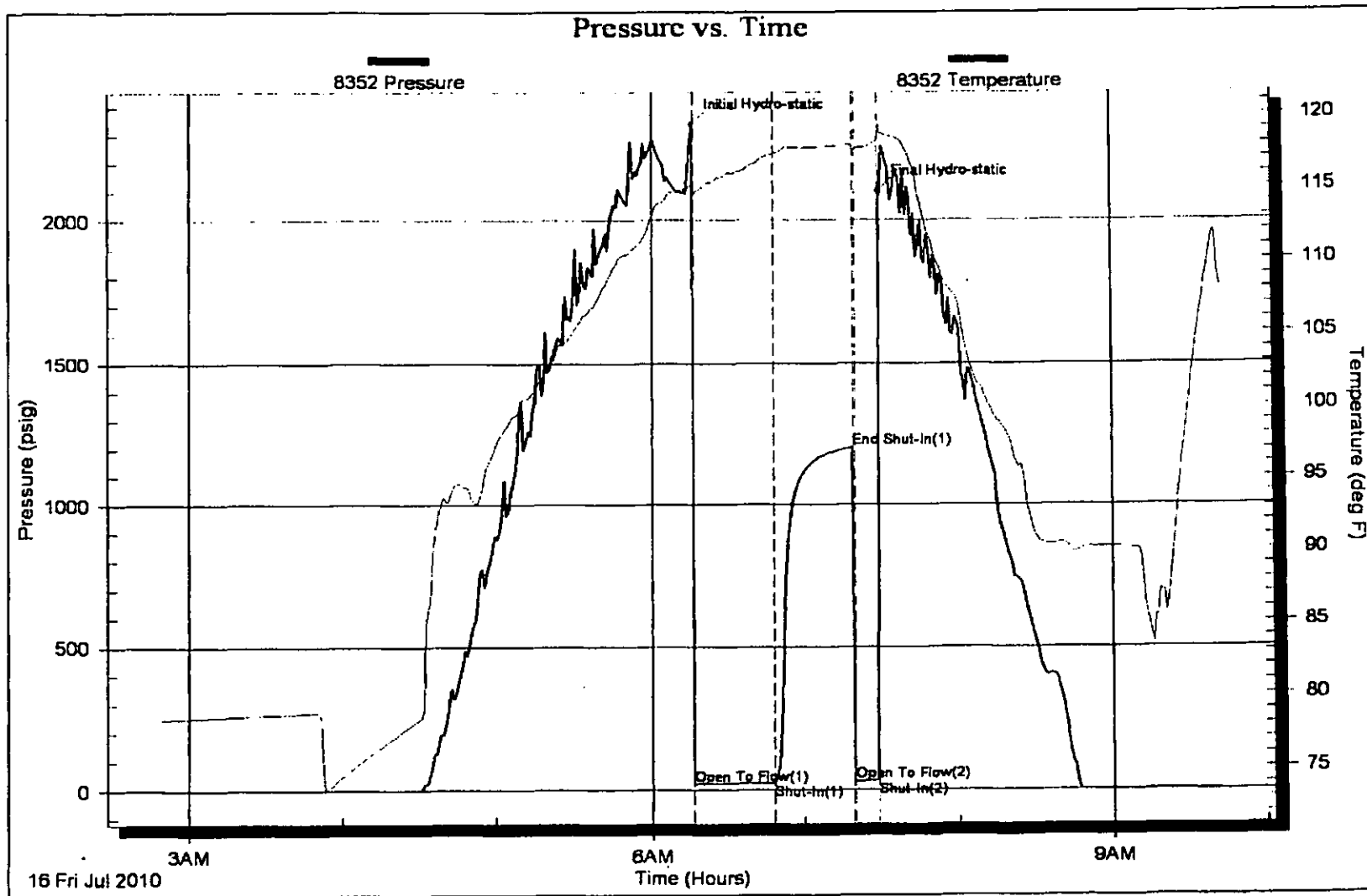
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



Serial #: 8017

Inside American Warrior

30-19s20w Rush KS

DST Test Number: 1

