

#### Kansas Corporation Commission Oil & Gas Conservation Division

#### 1069792

Form ACO-1 June 2009 Form Must Be Typed Form must be Signed All blanks must be Filled

# WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

| OPERATOR: License #  | API No. 15  |
|--|---|
| Name:  | Spot Description:   |
| Address 1:   | SecTwpS. R 🔲 East 🗌 West  |
| Address 2:   | Feet from North / South Line of Section   |
| City: State: Zip:+   | Feet from East / West Line of Section   |
| Contact Person:  | Footages Calculated from Nearest Outside Section Corner:  |
| Phone: ()  | □NE □NW □SE □SW   |
| CONTRACTOR: License #  | County:   |
| Name:  | Lease Name: Well #:   |
| Wellsite Geologist:  | Field Name:   |
| Purchaser:   | Producing Formation:  |
| Designate Type of Completion:  | Elevation: Ground: Kelly Bushing:   |
| New Well Re-Entry Workover   | Total Depth: Plug Back Total Depth:   |
| Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.): | Amount of Surface Pipe Set and Cemented at: Feet  Multiple Stage Cementing Collar Used? Yes No  If yes, show depth set: Feet  If Alternate II completion, cement circulated from: sx cmt. |
| Operator:  |   |
| Well Name:   | Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)  |
| Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWD                       | Chloride content: ppm Fluid volume: bbls  Dewatering method used:   |
| Plug Back: Plug Back Total Depth   | Location of fluid disposal if hauled offsite:   |
| Commingled         Permit #:   | Operator Name:  |
| GSW Permit #:  | County: Permit #:   |
| Spud Date or Date Reached TD Completion Date or Recompletion Date  |   |

#### **AFFIDAVIT**

I am the affiant and I hereby certify that 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.

**Submitted Electronically** 

| KCC Office Use ONLY                |
|------------------------------------|
| Letter of Confidentiality Received |
| Date:                              |
| Confidential Release Date:         |
| Wireline Log Received              |
| Geologist Report Received          |
| UIC Distribution                   |
| ALT I II III Approved by: Date:    |

Side Two



| Operator Name:   |  |                                     |                                | _ Lease N            | lame:     |                        |   | Well #:                  |          |                         |  |  |
|--|--|-------------------------------------|--------------------------------|----------------------|-----------|------------------------|---|--------------------------|----------|-------------------------|--|--|
| Sec Twp  | S. R   | East                                | West                           | County:              |           |                        |   |                          |          |                         |  |  |
| INSTRUCTIONS: Sh<br>time tool open and clo<br>recovery, and flow rate<br>line Logs surveyed. A | osed, flowing and shu<br>es if gas to surface te | t-in pressures,<br>st, along with f | whether sh<br>inal chart(s     | nut-in press         | ure reach | ed static level,       | hydrostatic pres                          | ssures, bottom h         | ole temp | erature, fluid          |  |  |
| Drill Stem Tests Taker<br>(Attach Additional S   |  | Yes                                 | No                             |                      | Log       | y Formation            | n (Top), Depth a                          | nd Datum                 |          | Sample                  |  |  |
| Samples Sent to Geo  | logical Survey                                   | Yes                                 | No                             |                      | Name      |                        |   | Тор                      | I        | Datum                   |  |  |
| Cores Taken<br>Electric Log Run<br>Electric Log Submitte<br>(If no, Submit Copy                | d Electronically                                 | Yes Yes Yes                         | ☐ No<br>☐ No<br>☐ No           |                      |           |                        |   |                          |          |                         |  |  |
| List All E. Logs Run:  |  |                                     |                                |                      |           |                        |   |                          |          |                         |  |  |
|  |  | Report all                          | CASING I                       |                      | New       | Used mediate, producti | on, etc.                                  |                          |          |                         |  |  |
| Purpose of String  | Size Hole<br>Drilled                             | Size Ca<br>Set (In C                | sing                           | Weigi<br>Lbs. /      | ht        | Setting<br>Depth       | Type of<br>Cement                         | # Sacks<br>Used          | , ,,     | and Percent<br>dditives |  |  |
|  |  |                                     |                                |                      |           |                        |   |                          |          |                         |  |  |
|  |  | AI                                  | DDITIONAL                      | CEMENTIN             | G / SQUE  | EZE RECORD             |   |                          |          |                         |  |  |
| Purpose:  Perforate Protect Casing Plug Back TD Plug Off Zone                                  | Depth<br>Top Bottom                              | Type of Co                          | ement                          | # Sacks              | Used      |                        | Type and                                  | pe and Percent Additives |          |                         |  |  |
|  |  |                                     |                                |                      |           |                        |   |                          |          |                         |  |  |
| Shots Per Foot   | PERFORATI<br>Specify I                           | ON RECORD -<br>Footage of Each      | Bridge Plugs<br>Interval Perfo | s Set/Type<br>orated |           |                        | cture, Shot, Cemei<br>mount and Kind of N |                          | d<br>    | Depth                   |  |  |
|  |  |                                     |                                |                      |           |                        |   |                          |          |                         |  |  |
|  |  |                                     |                                |                      |           |                        |   |                          |          |                         |  |  |
| TUBING RECORD:   | Size:  | Set At:                             |                                | Packer At:           |           | Liner Run:             |   |                          |          |                         |  |  |
| Date of First, Resumed   | Production, SWD or EN                            |                                     | ducing Meth                    | od:                  |           | as Lift C              | Yes No                                    | 0                        |          |                         |  |  |
| Estimated Production<br>Per 24 Hours   | Oil  | Bbls.                               |                                | Mcf                  | Water     |                        | ols.                                      | Gas-Oil Ratio            |          | Gravity                 |  |  |
| DISPOSITIO   | ON OF GAS:                                       |                                     | M                              | IETHOD OF            | COMPLET   | ION:                   |   | PRODUCTIO                | ON INTER | VAL:                    |  |  |
| Vented Sold  | Used on Lease                                    | Open                                | Hole (Specify)                 | Perf.                | Dually (  |                        | nmingled<br>mit ACO-4)                    |                          |          |                         |  |  |

| Form      | ACO1 - Well Completion |
|-----------|------------------------|
| Operator  | American Warrior, Inc. |
| Well Name | Phyllis 3-32           |
| Doc ID    | 1069792                |

# Tops

| Name          | Тор  | Datum |
|---------------|------|-------|
| Anhydrite     | 1358 | 765   |
| Heebner       | 3594 | -1471 |
| Lansing       | 3643 | -1520 |
| Base KC       | 3960 | -1837 |
| Pawnee        | 4040 | -1917 |
| Ft. Scott     | 4118 | -1995 |
| Cherokee      | 4133 | -2010 |
| Mississippian | 4195 | -2072 |
| RTD           | 4220 | -2097 |



| toc | 100 | 6 | 1 | 200164 | ADDRESS    |
|-----|-----|---|---|--------|------------|
| +   | •   | • | * |        |            |
|     |     |   |   |        | CHARGE TO: |

TICKET 19459

| SERVICE LOCATIONS | WELL/PROJECT NO.   LEASE | COUNTYPARISH | STATE CITY           | DATE OWNER    |
|-------------------|--------------------------|--------------|----------------------|---------------|
| 2 Noss City Ks    | TICKET TYPE CONTRACTOR   | RIG NAME/NO. | SHIPPED DELIVERED TO | ORDER NO.     |
|                   | SALES 1 TO CARLET 1      |              | They wanted          |               |
|                   | WELL CATEGORY            | JOB PURPOSE  | WELL PERMIT NO.      | WELL LOCATION |
|                   | Coll Deschoon            | Surface Pino |                      |               |
| REFERRAL LOCATION | INVOICE INSTRUCTIONS     |              |                      |               |

|  | DATE SIGNED 122                    | MUST BE SIGNED BY CUSTOMER OR CUST START OF WORK OR DELIVERY OF GOODS  X Scott             | LIMITED WARRANTY provisions  | the terms and cond   | LEGAL TERMS:  | N N      | 181                   | 276     | 330      | MIO     | 409        | 401                   | 240    | 181     | 221      | 5760                       | 5 h. 5       | PRICE<br>REFERENCE                  |
|--|------------------------------------|--|--|--|---|----------|-----------------------|---------|----------|---------|------------|-----------------------|--------|---------|----------|----------------------------|--------------|-------------------------------------|
|  | TIME SIGNED                        | MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS | Dut are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.  | the terms and conditions on the reverse side hereof which include, | LEGAL TERMS: Customer hereby acknowledges and agrees to |          |                       |         |          |         |            |                       |        |         |          |                            |              | SECONDARY REFERENCE/<br>PART NUMBER |
|  | 1                                  | OR TO  |  | of which   | es and a  | 2        | 4                     | 4       | 4        | _       | S          | _                     | ~      | _       |          | `                          | ,            | ნ<br>•                              |
|  |                                    |  | IIY, an  | indude   | agrees to   |          |                       |         |          |         |            |                       |        |         |          |                            |              | ACCOUNTING<br>ACCT                  |
| ــــــــــــــــــــــــــــــــــــــ |                                    |  |  |  | _   |          |                       |         |          |         |            |                       |        |         |          |                            |              | 무                                   |
|  | \ <u>\</u>                         | ହେ⊵≨ :   | SWIFT SERVICES INC.   WE INVESTIGATE WAS NOT WELL BEFORE WAS NOT WAS NOT WELL BEFORE WAS NOT WELL BEFORE WAS NOT WAS NOT WELL BEFORE WAS NOT WAS NOT WELL BEFORE WAS NOT WELL BEFORE WAS NOT WAS N | COUR EQUIPMENT PERFORMANT PREMISONNO                               | Ι .   | Drayage  | ement Souvice Charage | Flecele | SMORemat | Tenflos | Turbelizer | Insert Float who fill | 2-Air  | Multush | KCL o    | Bung Charge (D-1) Surlace) | MILEAGE ±/// | DESCRIPTION                         |
| CLATISMEN DID NOT WISH TO RESPOND      | RE YOU SATISFIED WITH OUR SERVICE? | ATISFACTORYLY?   | WE UNDERSTOOD AND MET YOUR NEEDS? OUR SERVICE WAS  | JR EQUIPMENT PERFORMED THOUT BREAKDOWN?                            | SURVEY AGREE  | 415.5 TM | ,,                    | 100 7   | 1/25/2/5 | 1 Fa    | 4 00       | 10-11                 | 4 500  | 566 101 | 2 601    | 100                        | 20 1/2:      | QTY.   UM                           |
| TO RESPO                               | □ <sup>~</sup>                     | ·  |  |  | DECIDED   |          |                       | 1/4     |          |         |            | de                    |        |         |          | 137                        |              | eg                                  |
| ð                                      |                                    |  |  |  | DED AGREE   |          |                       | 1 14    | 4        |         |            | <u> </u>              |        |         | <u> </u> |                            | -            | <b>.</b>                            |
| <u> </u>                               | TOTAL                              | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  |  | TAGE TOTAL   | <b>.</b>  | 1/10     | 1 50                  | 150     | 15/50    | 100 00  | 90 co      | 250 00                | 35 6   | 100     | 38 60    | 1100 00                    | 5 10         | UNIT                                |
| 10,611,20                              |                                    | 499 28   |  | 10178 00   |   | 415 50   | 9                     | 150 60  | 6.       | 100 00  |            | 250 00                | 00 Oh1 | 50000   |          | 1100 00                    | 100 00       | AMOUNT                              |

Thank You!

| G        |  |  |   |   |  | ces, inc.  | DATELY 72-11 PAGE  |
|----------|--|--|---|---|--|--|--|
| W        | in Toe   | WEEL NO.   | 7- 32   | LEASE Phys  | 1/1/5  | JOB TYPE   | TICKET NO. 1945 9  |
| TIME     |  | VOLUME   | PUMPS   | PRESSURE  | (PSI)  | DESCRIPTION OF OPERA   |  |
| 1800     | (5: 11)  | (OC) (OAC)   |   | TODATO  | 1  | enlac WIFE   |  |
|          |  |  |   |   |  |  | · · · · · · · · · · · · · · · · · · ·  |
|          |  | ·  |   |   |  | RTD 1376   |  |
|          |  |  |   |   |  | 8-5 x 23 # 1376 x  | 43   |
|          |  |  |   |   |  | Cost 1, 4, 12, 28  |  |
|          |  |  |   |   |  |  | **************************************   |
| 2030     |  |  |   |   |  | Start F.E.   |  |
| 2240     |  |  |   |   |  | Break Cine   |  |
| 2300     | 4  | 0  |   |   | 250  | Start Pref. 20 %   | KCI flush  |
| 2308     | 5,5  | 30/0   |   |   | 300  | Stort Coment 1 100   | sks SMD12 118#   |
|          |  | 50/0   |   |   | 300  | Steet benent 12 190  | sks SMDQ 1754  |
|          |  | 1 .  |   |   |  |  |  |
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|          |  |  |   |   | -  |  |  |
| 2332     | 6  | 0  |   |   | 100  |  | 1 141  |
| 2337     | 5  | 30   |   |   | 10   | 1  | pert.  |
| 2340     | 5  | 45   |   |   | 200  |  |  |
|          |  | 34   |   | 4   | 0/   |  |  |
|          |  |  |   |   | -  | Roleans Pressure   |  |
| ·        |  |  |   |   |  | Flore Heat 1 Cake  | ·  |
|          |  |  |   |   |  |  | 0  |
|          |  |  |   |   |  |  |  |
|          |  |  |   |   |  |  |  |
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|          |  |  |   |   |  |  |  |
|          |  |  |   |   |  |  |  |
|          |  |  |   |   |  | Circ 70 sks  | to pit   |
|          |  |  |   | ·   |  |  |  |
|          |  |  |   |   |  |  |  |
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|          |  | ·  |   |   | -  | M. K. T. IF  | 4 Rus  |
|          |  | 1  |   |   |  |  | 1101   |
| <b> </b> | ļ  | <del> </del>   | lacksquare  |   |  | ļ  |  |
|          | TIME    800    2030   2300   2300   2307   2317   2316   2323   2328 | TIME RATE (BPM)  1800  2030  2240  2300  4  2308  5.5  2317  2316  2323  2328  2337  2339  5 2340  5 | TIME RATE (BPM) (BBL) (GAL)  1800  2030  2240  2304 4 0  2317 ( \$000  2317 ( \$000  2318 | TIME RATE (BPM) (BBL) (GAL) T C  1800  2030  2240  2308 5.5 32/0  2317 ( \$0/0  2323 ) 32/0  2332 6 0  2337 5 30  2340 5 45 | TIME RATE (BPM) (BBL) (GAL) T C TUBING  1800  2030  2240  2304 4 0  2317 | TIME RATE (BPM) (BBL) (GAL) T C TUBING CASING  1800  2030  2240  2304 4 0 2560  2317 | TIME RATE (BPM) (BBL) (GAL) TO CASING CASING DESCRIPTION OF OPERA  1800 RATE (BPM) (BBL) (GAL) TO CASING CA |

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| ADDRESS AMERICAN TO C |
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|-----------------------|

19467

| DATE SIGNED                      | START OF WORK OR DELIVERY OF GOODS                                       | LIMITED WARRANTY provisions   | the terms and conditions on but are not limited to PAY1   | LEGAL TERMS: Customer                                   | 372             |                       |  | 16      | 388        |  | 111111 | \$ 765               | 575           | m                    |          | A. REFERRAL I OCATION | 3                        | 11/2/2/1/3             | Services, |
|----------------------------------|--|---|---|---|-----------------|-----------------------|--|---------|------------|--|--------|----------------------|---------------|----------------------|----------|-----------------------|--------------------------|------------------------|-----------|
| TIME SIGNED                      | OODS   | VISIONS.  | the terms and conditions on the reverse side hereof which include, but are not limited to PAYMENT RELEASE INDEMNITY and | LEGAL TERMS: Customer hereby acknowledges and agrees to | 2               | 3                     |  |         | 2          |  |        |                      |               | PART NUMBER LOC ACCT | ROCTIONS |                       | 6                        | TICKET TYPE CONTRACTOR | Inc.      |
|                                  | العرب م  | SWIFT SERVICES, INC. OUR STATES   | REMIT PAYMENT TO: OUR EN  |   | Minimum Drayere | Coment Solvice Charge |  | Flocale | SMO Coment |  | D- h   | Puris Charge (Top of | MILEAGE * /// | DF DESCRIPTION       |          | Development Topoth 85 | WEI CATEGORY TOB BURDONE | Bylli:                 |           |
| CUSTOMER DID NOT WISH TO RESPOND | WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? | MET YOUR NEEDS?  MET YOUR NEEDS?  OUR SERVICE WAS  DERFORMED WITHOUT DELAY? | O LOID CO   | SURVEY AGREE DECIDED AGREE                              | 100             | 12 125 sks            |  | 25. 1   | 128/06     |  | 2 401  | 1                    | 20 21         | QTY. UM QTY. UM      |          | WELL PERMIT NO.       | 10 m                     | CITY                   |           |
| TOTAL                            | 7.55<br>6.39<br>6.39   |   | PAGE TOTAL  |   | 250 00          | 100                   |  | 100     | 15 00      |  | 35 60  | 750 00               | 5 00          | UNIT                 |          | WELL LOCATION         | ORDER NO.                | DATE ON                | PAGE 1    |
| 10 4688                          | 124 90   |   | 1000  | 20 00 00  | 02/05/0         | 0 5   4.81            |  | 05 48   | 1875 6     |  | 70/00  | 750 00               | 100 00        | AMOUNT               |          |                       |                          | OWNER Surgery          | OF /      |

SWIFT OPERATOR

Thank You!

| JOB LO                                |              | · 1           | WELL NO. 3                                       | 21   | LEASE PAY  |          | JOB TYPE OF TICKET NO. 9467             |
|---------------------------------------|--------------|---------------|--|--|--|----------|---|
| CHART                                 | a West       |               | VOLUME   | PUMPS  | PRESSURE   | (PSI)    | DESCRIPTION OF OPERATION AND MATERIALS  |
| NO.                                   | TIME         | RATE<br>(BPM) | (BBL) (GAL)                                      | T C  | TUBING   | CASING   |   |
|                                       | 1415         | <u>.</u>      |  |  |  |          | enles set uptaks                        |
| F .                                   |              |               |  |  | <del>                                     </del> |          | Pressure 52 to 500 Psi                  |
|                                       |              |               |  |  |  |          | 1ressure 5 2 10 500                     |
|                                       |              |               |  |  |  | •        | 1 |
| -                                     | 1430         | 1,5           | 0  |  |  | 200      |   |
|                                       |              | 1.5           | 52/0   |  | <del>                                     </del> | 200      | tod ( amont/ start displace me          |
| -                                     |              |               | 1  |  |  |          | Shut days                               |
| ) <del></del>                         | 1500         |               | <u> </u>   |  |  | 100      | Shut In                                 |
| - <del>2 </del>                       |              |               |  |  | -  |          |   |
|                                       |              |               |  |  |  |          |   |
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|                                       |              | <u> </u>      | -  | + +  |  | -        | Nick, Josh F. 4 Rob                     |
| et<br>E <del></del>                   |              |               | -  |  |  |          | INICK, Sest I, I HOD                    |
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| CHARGETO AMERICAN WARRIO | WARRIOR |  |
|--------------------------|---------|--|
| ADDRESS                  |         |  |
|                          |         |  |
| CITY, STATE, ZIP CODE    |         |  |
|                          |         |  |

TICKET 20625

| Services, Inc.  SERVICE LOCATIONS (LATH) (S. WELLPRA  1. POES (LATH) (S. TICKETT | WELLIPROJECT NO.   LEASE   COUNTYIPHAGE   COUNTYIPH |               | <u> </u>        | PAGE 1 OWNER 28APR 11 ORDER NO. |
|--|--|---------------|-----------------|---------------------------------|
| *  | TICKET TYPE CONTRACTOR   |               | 91              | ORDER NO.                       |
|  | B SALES IFTROMARK DRILLING   | VIA           | LOCATION        |                                 |
| 3.   | WELL TYPE WELL CATEGORY JOB P  | JOB PURPOSE , | WELL PERMIT NO. | WELL LOCATION                   |
|  | DIL DEVELOPMENT  | SALONGSTRING  |                 | 185/8 INTO                      |
| REFERRAL LOCATION  | INVOICE INSTRUCTIONS   |               |                 |                                 |

| 1000                             | S S SING                          | RT OF WORDER   | 8 £                                  | but are not limited                                      | the terms and conc   | LEGAL TERMS:  | Ĉ |   |   | *        | 221            | 281       | 1707   | 406                     | 403     | * 40a         | 578                 | 375                       | PRICE                               |  |
|----------------------------------|-----------------------------------|--|--------------------------------------|--|--|---|---|---|---|----------|----------------|-----------|--------|-------------------------|---------|---------------|---------------------|---------------------------|-------------------------------------|--|
| COMPKILL                         | TIME SIGNED                       | DEWERT DEGOODS   | STONES OF CHISTONIE DE LEENT DE      | but are not limited to, PAYMENT, RELEASE, INDEMNITY, and | the terms and conditions on the reverse side hereof which include, | LEGAL TERMS: Customer hereby acknowledges and agrees to |   |   |   |          |                |           | *      | 44.                     |         |               |                     |                           | SECONDARY REFERENCE/<br>PART NUMBER |  |
|                                  | 7                                 | 2  |                                      | NDEM   | eof whic   | es and  |   |   |   |          | _              |           | -      | 1                       |         |               |                     |                           | <u>ا</u>                            |  |
|                                  |                                   |  |                                      | NITY, an   | h include  | agrees t  |   |   |   |          |                |           |        |                         |         |               | ı                   |                           | ACCOUNTING<br>ACCT                  |  |
|                                  |                                   |  | <u></u>                              |  |  | •   |   |   |   |          |                |           | ,      | V                       |         |               |                     | _                         | 무                                   |  |
| 700-730-2300                     |                                   |  | SWIFT SERVICES, INC.                 | W  | KEMI TAYMEN I C:   |   |   |   |   |          | LIQUID KCC     | mud Flush | 1 "    | LATEH DUNIPLUG & BAFFLE | BASKET  | OF WYRALIZERS | PUMP CHARGE         | MILEAGE # 1/0             | DESCRIPTION                         |  |
| 5<br>0                           | RE YOU SATIS                      | E OPERATED OF THE PERFORMENT O | PERFORMED WITHOU                     | E UNDERSTOC<br>ET YOUR NEEL                              | UR EQUIPMEN  | SUI   |   |   |   |          |                |           | FILL   |                         |         |               |                     |                           |                                     |  |
| CUSTOMER DID NOT WISH TO RESPOND | E YOU SATISFIED WITH OUR SERVICE? | WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?   | R SERVICE WAS RFORMED WITHOUT DELAY? | DO AND<br>DS7  | OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?                         |   |   |   | - |          | 18.00<br>18.00 | 500)646   | 1 FA.  | 1/EA                    | 1/61    | STEA          | 1 ws                | 30/m/L                    | QTY. UM                             |  |
| H TO RESI                        | CE?                               |  | _                                    |  |  | AGREE DE  |   |   |   |          |                | 1         |        |                         |         |               |                     | -                         | QTY.                                |  |
| Š                                |                                   |  | -                                    |  |  | DECIDED A   |   |   | _ | <u> </u> | <u> </u>       | -         | <br>   |                         | _       |               | I.                  |                           | . UM                                |  |
|                                  |                                   |  | <u>.</u> ]                           |  | 11   | AGREE 7   |   |   | - |          |                |           |        |                         | ·       |               | 7                   |                           | ₹                                   |  |
| į                                | TOTAL                             | TAX  |                                      | •  | MERZ   | 1-39%   |   | _ |   |          | 25.18          | /I@       | 3000   | 225-00                  | 230 100 | 65100         | 14/00\ <sup>©</sup> | 5-60                      | UNIT                                |  |
|                                  |                                   |  | 11/06                                | \<br>'<br>'  | 4036 9   | 313019  |   |   |   |          | 86105          | 500)88    | 300 99 | 225                     | 2300    | 325100        | 14000               | $   / \alpha   ^{\omega}$ | AMOUNT                              |  |
|                                  |                                   |  |                                      | 18   | 10   | ۷۷  |   |   | 1 |          | 19             | 100       | "      | ~                       | ~       | "             | 🖁                   | "                         |                                     |  |

SWIFT OPERATOR

Thank You!

| JOB LO       | )G      |                                       |                       |              | SWIFT S      | AQQİHKQ      | luc •                       | DATE 28 APR 11 PAGE NO |
|--------------|---------|---------------------------------------|-----------------------|--------------|--------------|--------------|-----------------------------|------------------------|
|              | RICAN W | ARRIOR                                | WELL NO.              |              |              |              | JOB TYPE 5 & LONGSTRING     |                        |
| CHART<br>NO. | TIME    | RATE<br>(BPM)                         | VOLUME<br>(BBL) (GAL) | PUMPS<br>T C | PRESSURE (PS | II)<br>ASING | DESCRIPTION OF OPERATION AN |                        |
|              | 300     |                                       |                       |              |              | 01           | LOCATION                    |                        |
|              | 0450    |                                       | ,                     |              |              | 5            | TART PIPE 55.1              | 5.5 6.                 |
|              |         |                                       |                       |              |              | R            | De 4220                     |                        |
|              |         |                                       |                       |              |              | 51           | 10E JT 42.21                |                        |
|              |         |                                       |                       |              |              |              | TRALIZERS 1, 2, 3, 4, 8     | 30                     |
|              |         | · · · · · · · · · · · · · · · · · · · |                       |              |              |              | ASKET,5                     |                        |
| :            |         |                                       |                       |              |              |              |                             |                        |
|              | 0830    |                                       |                       |              |              | D            | ROP BALL CIRCULATE          | \$                     |
|              | O250    | وا                                    | 12                    | 7            | 3            | 300 Pu       | mp 500gar MUDFU             | ASH                    |
|              | 0852    | U                                     | 20                    | 7            | 3            | 300 P        | ump 20 Bbl KCL Flu          | <u> </u>               |
|              | 0857    |                                       | 7                     |              |              | PL           | ul RH (305x)                |                        |
|              | 900     | 4                                     | 35                    | 7            | 3            | oo mi        | x 195 sx EAQ                |                        |
|              | 0920    |                                       |                       |              |              | W            | ASH ONT Pumping L           | INES                   |
|              | 5922    | \ 0                                   |                       | 7            |              | RE           | CFASE TRAIG START D         | SPLACEMENT             |
|              |         |                                       |                       |              |              |              |                             |                        |
| ,            | 0939    |                                       | 99                    | 7            | 1:           | 500 PL       | C DOWN PRESSURE U           | P LATEN PLUGIA         |
|              |         |                                       |                       |              |              | W            | ASH TRUCK                   |                        |

1015

JOB CompLETE.

THANKS HID

JASON JEFF DAVID



# TICKET CONTINUATION

No. 20025

| 582                        | 185            | 325             |  |   |  |  |  |  |  |  |  | 290   | 292         | 284            | £88   | 8       |  | Sometimes                                |             |
|----------------------------|----------------|-----------------|--|---|--|--|--|--|--|--|--|-------|-------------|----------------|---|---------|--|--|-------------|
|                            |                |                 |  |   |  |  |  |  |  |  |  |       |             |                |   |         | ************************************** |  |             |
|                            |                |                 |  |   |  |  |  |  |  |  |  |       |             |                |   |         | Sec.                                   | Ness City, KS 67560<br>Off: 785-798-2300 | PO Box 466. |
| 101/188/18 10050 MILES 20. | SERVICE CHARGE | STAUDARO CEDENT |  |   |  |  |  |  |  |  |  | D-AIR | 1-1ALAS 322 | CALSEAL        | SAT WAR | FLOCELE |  | CUSTOMER CON WARRIUM                     |             |
| 1000 1000                  | CODIC FEE      | /X15×           |  |   |  |  |  |  |  |  |  | 12/5% | 124/168     | SISX           | 900/165                                     | 44/163  |  | WELL PHYLLIS 3:32                        |             |
| 2501                       | 25             | S TO            |  |   |  |  |  |  |  |  |  | 35%   | ~           | \$\limes\cdots | 1   | 1 20    |  | 11 DAY BC JANG                           | NO. PO COM  |
| Z (15.8)                   | 200            | 0.              |  | 1 |  |  |  |  |  |  |  | SOLV  | 930         | 240            | $:$ $\mathbf{V}$                            | (ap)    | 2                                      | Page of A                                |             |



#### DRILL STEM TEST REPORT

American Warrior, Inc.

Phyllis #3-32

32/18S/21W-Ness

P.O. Box 399

Garden City, KS 67846 Job Ticket: 42797

ATTN: Jason Alm

DST#: 1

Test Start: 2011.04.27 @ 13:09:50

#### GENERAL INFORMATION:

Formation: Mississippian

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole

Time Tool Opened: 14:43:00 Tester: Dustin Rash

Time Test Ended: 20:23:20 Unit No: 38

Interval: 4207.00 ft (KB) To 4217.00 ft (KB) (TVD) Reference Elevations: 2123.00 ft (KB)

Total Depth: 4217.00 ft (KB) (TVD) 2117.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor KB to GR/CF: 6.00 ft

Serial #: 8354 Inside

Press @RunDepth: 129.16 psig @ 4209.00 ft (KB) Capacity: 8000.00 psig

 Start Date:
 2011.04.27
 End Date:
 2011.04.27
 Last Calib.:
 2011.04.27

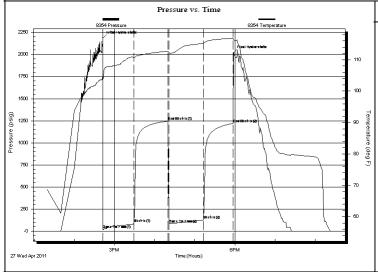
 Start Time:
 13:19:50
 End Time:
 20:23:20
 Time On Btm:
 2011.04.27 @ 14:42:50

 Time Off Btm:
 2011.04.27 @ 17:58:20

TEST COMMENT: IF-Weak building blow . B.O.B. in 28 minutes.

ISI-Return @ 45 seconds. Built to 1 inch. Died @ 32 minutes.

FF-Weak building blow . B.O.B. in 26 minutes. FSI- Return @ 45 seconds. Built to 1/2 inch. D



| PΙ | RESSUR | RE SU | JMMA | RY |
|----|--------|-------|------|----|
|    |        |       |      |    |

| Time   | Pressure | Temp    | Annotation           |
|--------|----------|---------|----------------------|
| (Min.) | (psig)   | (deg F) |                      |
| 0      | 2183.76  | 104.56  | Initial Hydro-static |
| 1      | 22.96    | 103.32  | Open To Flow (1)     |
| 47     | 89.97    | 110.65  | Shut-In(1)           |
| 98     | 1246.35  | 112.73  | End Shut-In(1)       |
| 99     | 86.15    | 112.34  | Open To Flow (2)     |
| 151    | 129.16   | 115.27  | Shut-In(2)           |
| 195    | 1218.69  | 116.85  | End Shut-In(2)       |
| 196    | 2016.80  | 116.31  | Final Hydro-static   |
|        |          |         |                      |
|        |          |         |                      |
|        |          |         |                      |
|        |          |         |                      |
|        |          |         |                      |

#### Recovery

| Length (ft) | Description                   | Volume (bbl) |
|-------------|-------------------------------|--------------|
| 62.00       | 60%Mud/20%Oil/10%Gas/10%Water | 0.30         |
| 62.00       | 60%Mud/20%Gas/20%Oil          | 0.33         |
| 186.00      | 60%Gas/40%Oil                 | 2.61         |
| 0.00        | 186' G.I.P.                   | 0.00         |
|             |                               |              |
|             |                               |              |

#### Gas Rates

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

Trilobite Testing, Inc Ref. No: 42797 Printed: 2011.04.28 @ 08:29:23 Page 1



#### DRILL STEM TEST REPORT

**FLUID SUMMARY** 

American Warrior, Inc.

Phyllis #3-32

P.O. Box 399

32/18S/21W-Ness

Garden City, KS 67846

Job Ticket: 42797

DST#: 1

ATTN: Jason Alm

Test Start: 2011.04.27 @ 13:09:50

#### **Mud and Cushion Information**

Mud Type:Gel ChemCushion Type:Oil A Pl:39 deg A PlMud Weight:9.00 lb/galCushion Length:ftWater Salinity:ppm

Mud Weight: 9.00 lb/gal Cushion Length: ft
Viscosity: 63.00 sec/qt Cushion Volume: bbl

10.38 in<sup>3</sup> Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 7500.00 ppm Filter Cake: inches

#### **Recovery Information**

Water Loss:

#### Recovery Table

| Length<br>ft | Description                   | Volume<br>bbl |
|--------------|-------------------------------|---------------|
| 62.00        | 60%Mud/20%Oil/10%Gas/10%Water | 0.305         |
| 62.00        | 60%Mud/20%Gas/20%Oil          | 0.332         |
| 186.00       | 60%Gas/40%Oil                 | 2.609         |
| 0.00         | 186' G.I.P.                   | 0.000         |

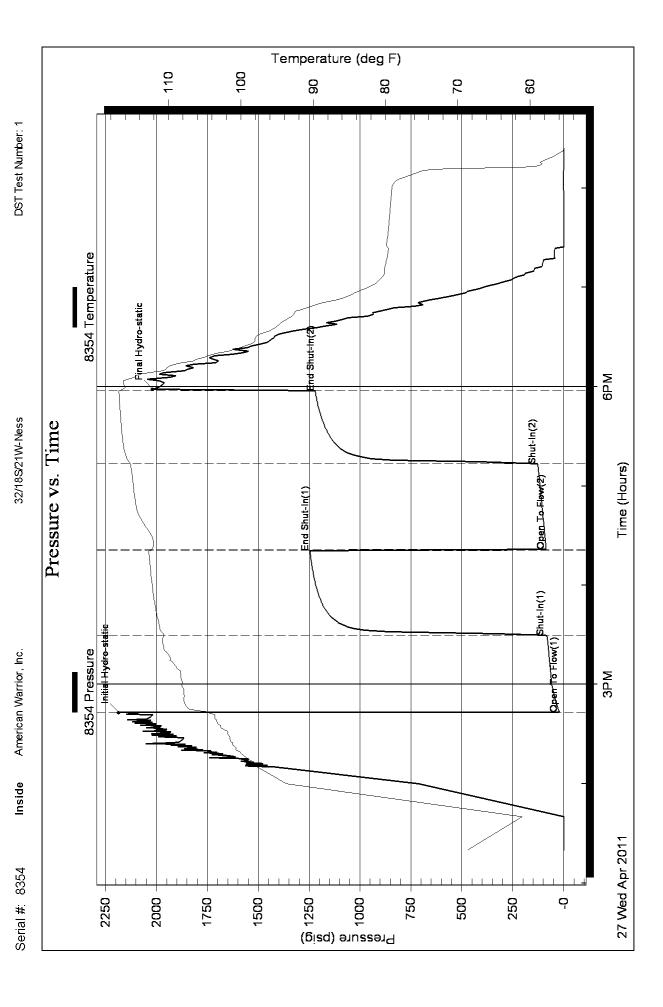
Total Length: 310.00 ft Total Volume: 3.246 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 42797 Printed: 2011.04.28 @ 08:29:23 Page 2



| Hard Rock Consulting, Inc. Jason Alm Petroleum Geologist P.O. Box 1260 Hays, KS 67601  APT # IS-135-ZSZZS-   | 2005                      | DARE 0/9       | PIN NO SIZE | MARKE THIFE G       | DEPTH OUT FEET HOURS | No. Interval 8FP/                             | DRILL STEM  | TESTS  SIP/Tiere DIN-FIN NESZMONY   |   |                                | REMARKS                  | on location<br>p.m. 4-25:201 |     |          |                             |                      |                                      |  |                                   |   |                        |                          |                         |   |                                      |                                   |                        |  |                             |                                |                                   |   |         |                                |   | 5 ************************************ | 22.90 min.<br>1249 to 1in.<br>86.129 min.<br>86.129 min.<br>1219 to 1c in. | 116°F<br>N: 310°TF<br>GIP<br>600CM<br>600CM<br>600CM   |                              |
|--|---------------------------|----------------|-------------|---------------------|----------------------|---|---|---|---|--------------------------------|--------------------------|------------------------------|-----|----------|-----------------------------|----------------------|--------------------------------------|--|-----------------------------------|---|------------------------|--------------------------|-------------------------|---|--------------------------------------|-----------------------------------|------------------------|--|-----------------------------|--------------------------------|-----------------------------------|---|---------|--------------------------------|---|--|--|--|------------------------------|
| GEOLOGIST'S REPORT DRILLING TIME AND SAMPLE LOG  RATOR American Warrior, Inc.  SE Phyllis WELL NO. 3-32  DeWald North ATION 1300' FNL: 1800' FWL  3Z TWP. 18s RGE ZIW  NTY Ness STATE Kansas  CASING R  SURFACE 85/8"6 | ION  Are All ushing  CORD | FERRATION RITI |             | DESCRIPTION OF SHOW | Organisas            |   |   |   |   | estone Ool.Lime Chart Dolomite | AMPLE DESCRIPTIONS       | En. GryzMattled, Faxlar      | اح. | la<br>Ia | K, Lach, Fissile            | For interdu sussy be | ·Ben· ben<br>miltz berg, Subsla, St. | 4-Bin Tong Faxlan Col.                 | 4-Ben<br>Flynist Gry, Fr. S. Skh, | in-Lt. Gey, Subxla, DNS c, Ool., Mostly DNS | Rybilt Soy, Frx Aderen | Ruh. Lt. Goy, Subsh, UNS | an-Lt. Gry. Subaln, UNS | r- Ben<br>m-14. Gey, Subkla, Sl.<br>DNS | 4- Ben<br>Elwi-Lt. Gry, Foxfor, Ool. | 4. Brn<br>Huh. Lt. 6/4. for Klain | k Gry<br>7 · Bin · Gen | 14-64, Subala, DNS  1K  14-600  14-600  14-600 | 9<br>4. Bm. 6en             | n-Gry, Subah, DWS<br>y-Bon-Gon | n. Goy. Subela, ONS<br>y-Ben. Gen | 2. 600<br>4-600<br>504, Fa. 5-666, OWS, |         | Gay- Gey, Subalas<br>y-Obk Gay | K. Carb.  Cut. Ton, Friz Spelv W.  Literaln, Friz Spelv W.  Literaln, Friz Spelv W.  Literaln, Friz Spelv W.  Literaln, Friz Spelv W. | Lustes, Dirty: Barran Mis              | y-Ben-Gen FF FSI FSI FSI FSI FSI FSI FSI FSI FSI F                         | 3Atuh. Lt. Goy, Fri-Subsch, 186.<br>07 Wht: Lt. Brn: Fri Suc, 62, 62, 62, 64, 65, 60, 62, 62, 62, 62, 62, 62, 62, 62, 62, 62 | ctfully Submitted. 4-26-2011 |
| TOP DATUM TOP DATUM COMP.  | JRVEYS                    |                |             |                     |                      |   |   |   | LEGEND  | stone Shale Carb sh Lin        | IME (cale)               |                              |     | LS. a    | Hechner<br>3594'-1471 sh. B | LS: Te               | Sh. 64, 364.3 - 1520 Ls. 7.          | 3h.6.                                  | Sh. 6.                            | Sh. U.                                      | 0.00<br>10.00          | 15-al                    | Sh. a                   | 5h-6,                                   | 54.6                                 | 54.6                              | 15-ali<br>5h-0         | 5h. 6<br>5h. 6                                 | 3Kc Ls-a<br>3960'-1837 sh-6 | 572<br>Sha.                    | 15-74<br>5h-6<br>15-7             | Pawnec 54-6<br>1040'-1917 L5-1          | [p.:87] | 9.48<br>24.6                   | Fort Scott 18 54-B1<br>1118 - 1995 17 15:04<br>Cherokee 80:05   | 1 55 -2010<br>Sh. 6a                   | Sh. 6  | Mississippian<br>1195 - 2072<br>Osage<br>1206 - 2083 38 Dolo-2014<br>Total Deoth   | 1220'-2097<br>fespe          |
| 1358'+765' +5 1389'+734' +6  3594'-1471' -1 3643'-1520 -2 3960'-1837'-4 4040'-1917'-1 4118'-1995'+1 4133'-2016'+2 4195'-2072'+16 4220'-2083'+11 4220'-2097   | RZIW<br>P·                |                |             |                     |                      | than expected which recovered Mississippian ( | nic survey. The new<br>via the survey. C<br>ed commercial am<br>Osage, Formation. | the Phyllis #3.32 was the world ren structurally. One Drill Stem Test was a poynts of oil from the After all getherect data was made to run Stemaluste the Phyllis #3.5 | higher<br>anclusted<br>Accl<br>isch<br>32 webt. | Anhydrite Solt Sand            | DRILLING T Logarithmic S |                              |     | I AA MAM |                             | V J                  |                                      | \W\_\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | rww.                              |   |                        | <b>J</b>                 | W                       | VV                                      |                                      | /WWL/V                            | vvv                    |  |                             |                                | M-W/V                             |   |         |                                |   | <b>M</b>                               |  |  |                              |
| WELL FOR STRUCTURAL COMPARISON AVMERICAN Warrior, III #2.32 884'FNL: 1170'FWL Sec. 32 T185 RZ  | c.                        |                |             |                     |                      |   |   | Respectfully Submitted<br>Jason II.<br>4-28-2011  | )<br>+194                                       | 20/L 2007                      |                          |                              | 88  |          | 36                          | 2 8 8                | 3650                                 | 3 2 8                                  | 37                                | e 8 %                                       | 2                      |                          |                         | 2 % 4                                   | 33                                   |                                   | 1 3800                 | 9 8 8  | 39                          |                                |                                   |   |         |                                | 9 8 8   | 7/                                     |  | 0024   |                              |

# **Geological Report**

American Warrior, Inc.

Phyllis #3-32

1300' FNL & 1800' FWL

Sec. 32 T18s R21w

Ness County, Kansas



American Warrior, Inc.

#### **General Data**

| American | Warrior, | Inc.              |
|----------|----------|-------------------|
|          | American | American Warrior, |

Phyllis #3-32

1300' FNL & 1800' FWL Sec. 32 T18s R21w Ness County, Kansas API # 15-135-25225-0000

Drilling Contractor: Petromark Drilling, LLc Rig # 1

Geologist: Jason Alm

Spud Date: April 21, 2011

Completion Date: April 28, 2011

Elevation: 2117' Ground Level

2123' Kelly Bushing

Directions: Bazine KS, ½ mi. East on Hwy 96, South across

railroad tracks and East into location.

Casing: 1375' 8 5/8" surface casing

4220' 5 1/2" production casing

Samples: 10' wet and dry, 3500' to RTD

Drilling Time: 3500' to RTD

Electric Logs: None

Drillstem Tests: One, Trilobite Testing, Inc. "Dustin Rash"

Problems: None

Remarks: 5 ½ production casing tagged bottom 3 ft. short of

rig tally.

# **Formation Tops**

|               | American Warrior, Inc. |  |  |
|---------------|------------------------|--|--|
|               | Phyllis #3-32          |  |  |
|               | Sec. 32 T18s R21w      |  |  |
| Formation     | 1300' FNL & 1800' FWL  |  |  |
| Anhydrite     | 1358', +765            |  |  |
| Base          | 1389', +734            |  |  |
| Heebner       | 3594', -1471           |  |  |
| Lansing       | 3643', -1520           |  |  |
| BKc           | 3960', -1837           |  |  |
| Pawnee        | 4040', -1917           |  |  |
| Fort Scott    | 4118', -1995           |  |  |
| Cherokee      | 4133', -2010           |  |  |
| Mississippian | 4195', -2072           |  |  |
| Osage         | 4206', -2083           |  |  |
| RTD           | 4220', -2097           |  |  |

# **Sample Zone Descriptions**

## Mississippian Osage (4206', -2083): Covered in DST #1

Dolo –  $\Delta$  – Fine sucrosic crystalline with poor to fair intercrystalline and vuggy porosity, heavy chert, triptolitic, heavily weathered with good vuggy porosity, light to heavy oil stain and saturation, good show of free oil, good odor, bright yellow cut fluorescents, 38 units hotwire.

#### **Drill Stem Tests**

Trilobite Testing, Inc. "Dustin Rash"

#### DST #1 <u>Mississippian Osage</u>

Interval (4207' – 4217') Anchor Length 10'

IHP - 2184 #

IFP - 45" - B.O.B. 28 min. 22-90 #
ISI - 45" - Built to 1 in. 1246 #
FFP - 45" - B.O.B. 26 min. 86-129 #
FSI - 45" - Built to ½ in. 1219 #

FHP - 2017 # BHT - 116°F

Recovery: 186' GIP

186' CGO Gravity: 40° API

62' GOCM 20% Oil

62' GWOCM 20% Oil, 10% Water

## **Structural Comparison**

|               | American Warrior, Inc. | American Warrior, Inc. | Inc. American Warrior, Inc. |                       |              |
|---------------|------------------------|------------------------|-----------------------------|-----------------------|--------------|
|               | Phyllis #3-32          | Phyllis #2-32          |                             | Phyllis #1-32         |              |
|               | Sec. 32 T18s R21w      | Sec. 32 T18s R21w      |                             | Sec. 32 T18s R21w     |              |
| Formation     | 1300' FNL & 1800' FWL  | 884' FNL & 1170' FWL   |                             | 2085' FNL & 1220' FWL |              |
| Anhydrite     | 1358', +765            | 1362', +760            | (+5)                        | 1358', +769           | (+6)         |
| Base          | 1389', +734            | 1396', +726            | (+6)                        | 7395', +732           | (+2)         |
| Heebner       | 3594', -1471           | 3592', -1470           | (-1)                        | 3590', -1463          | <b>(-8)</b>  |
| Lansing       | 3643', -1520           | 3640', -1518           | (-2)                        | 3637', -1510          | <b>(-10)</b> |
| BKc           | 3960', -1837           | 3955', -1833           | (-4)                        | 3954', -1827          | <b>(-10)</b> |
| Pawnee        | 4040', -1917           | 4038', -1916           | (-1)                        | 4036', -1909          | <b>(-8)</b>  |
| Fort Scott    | 4118', -1995           | 4118', -1996           | (+1)                        | 4112', -1985          | <b>(-10)</b> |
| Cherokee      | 4133', -2010           | 4134', -2012           | (+2)                        | 4130', -2003          | (-7)         |
| Mississippian | 4195', -2072           | 4210', -2088           | (+16)                       | 4200', -2073          | <b>(+1)</b>  |
| Osage         | 4206', -2083           | 4216', -2094           | (+11)                       | 4210', -2083          | FL           |

## **Summary**

The location for the Phyllis #3-32 was found via 3-D seismic survey. The new well ran structurally higher than expected via the survey. One drill stem test was conducted which recovered commercial amounts of oil from the Mississippian Osage Formation. After all gathered data had examined the decision was made to run 5 1/2 inch production casing to further evaluate the Phyllis #3-32 well.

#### **Recommended Perforations**

**Mississippian Osage:** (4207' – 4217') **DST #1** 

Respectfully Submitted,

Jason Alm Hard Rock Consulting, Inc.