

Kansas Corporation Commission Oil & Gas Conservation Division

1082302

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 |
| 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 Conv. to GSW | 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: |
| Dual Completion Permit #: | Lease Name: License #: |
| SWD Permit #: | QuarterSec TwpS. R East West |
| ENHR Permit #: | County: Permit #: |
| GSW Permit #: | |
| Spud Date or Date Reached TD Completion Date or Recompletion Date 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 time tool open and clo recovery, and flow rate line Logs surveyed. A | osed, flowing and shu es if gas to surface te | t-in pressures, st, along with f | whether sh inal chart(s | nut-in press | ure reach | ed static level, | hydrostatic pres | ssures, bottom h | ole temp | erature, fluid |
| Drill Stem Tests Taker (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 Electric Log Run Electric Log Submitte (If no, Submit Copy | d Electronically | Yes Yes Yes | ☐ No ☐ No ☐ No | | | | | | | |
| List All E. Logs Run: | | | | | | | | | | |
| | | Report all | CASING I | | New | Used mediate, producti | on, etc. | | | |
| Purpose of String | Size Hole Drilled | Size Ca Set (In C | sing | Weigi Lbs. / | ht | Setting Depth | Type of Cement | # Sacks Used | , ,, | and Percent dditives |
| | | | | | | | | | | |
| | | AI | DDITIONAL | CEMENTIN | G / SQUE | EZE RECORD | | | | |
| Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone | Depth Top Bottom | Type of Co | ement | # Sacks | Used | | Type and | Percent Additives | | |
| | | | | | | | | | | |
| Shots Per Foot | PERFORATI Specify I | ON RECORD - Footage of Each | Bridge Plugs Interval Perfo | s Set/Type orated | | | cture, Shot, Cemei mount and Kind of N | | d | 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 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 mit ACO-4) | | | |

| Form | ACO1 - Well Completion |
|-----------|------------------------|
| Operator | American Warrior, Inc. |
| Well Name | Delaney 2-23 |
| Doc ID | 1082302 |

Tops

| Name | Тор | Datum |
|------------------|------|-------|
| Anhydrite | 1482 | 753 |
| Heebner | 3702 | -1467 |
| Lansing | 3747 | -1512 |
| Base Kansas City | 4085 | -1850 |
| Pawnee | 4172 | -1937 |
| Ft. Scott | 4250 | -2015 |
| Cherokee | 4270 | -2035 |
| Mississippian | 4351 | -2116 |
| TD | 4364 | -2129 |

ALLIEDCEMENTING CO., LLC. 042421

| 3-15-12 SEC, 5 | TWP. RANGE | E | NEED OUT | ON LOCATION | JOB, START | JOB FWISH |
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| CONTRACTOR | Wayner 6 | The of your | OWNER | | | |
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| Drill Pipe: Size _ | | | | | | | |
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| CAPACITY FACTO | | 063 | // | 15 00 | ì | noe: Type | Depth |
| Casing: | Bbls/Lin. ft | 1/2-8 | و/بانا الله | 1 6.1 | | pat: Type | Depth |
| Open Holes: | Bbls/Lin. ft | (1000 | Lin. ft./B | | c | entralizers: Quantity Plugs Top | Btm |
| Drill Pipe: | Bbls/Lin. ft | 017 | Lin. ft./B | `~ '~ ' | <u>-</u> s | age Collars | |
| Annulus: | Bbls/Lin. ft | (7733 | Lin. ft./B | bl. / 3.66 | <u></u> s | pecial Equip. | |
| | Bbls/Lin. ft | | Lin. ft./B | bl | D | sp. Fluid Type Amt | Bbls. Weight PPG |
| Perforations: F | rom | ft. to |) | ft. Amt | M | ud Type 1977/19 | Weight PPG |
| COMPANY-REPR | ESPNTATIVE | | | The second of | | CEMENTER CEMENTER | |
| TIME | , PRESSUI | RES PSI | FLU | IID PUMPED I | DATA | | |
| AM/PM | DRILL PIPE CASING | ANNULUS | TOTAL FLUID | / Pumped Pet Time Period | RATE Bbls Min. | REMARKS | |
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MILLER PRINTERS, INC. - Great Band, KS

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BLEEDBACK

___ BBLS.

THANK YOU



CITY, STATE, ZIP CODE

| ADDRESS AMERICAN IN | JARRIUR | |
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| TIME SIGNED | START OF WORK OR DELIVERY OF GOODS | ANTY provisions. | 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 | | | | | | | | | | | | PART NUMBER | INVOICE INSTRUCTIONS | 0/ر | U SALES WEI TYPE | | WELL PROJECT NO |
| US30 BAAM | - | | which include, | and agrees to | | | | | | | | | | | | LOC ACCT DF | 11 | | FETROMA | <u></u> | I EAGE |
| 785-798-2300 | P.O. BOX 466 | SWIFT SERVICES, INC | REMIT PAYMENT TO: | | | ROTATING HEAD | LIGUND KCL | MUD FLIGH | INSKRT FLC | LATEH DAW | PORT COLLAR | CEMENT BASKETS | CELSTRALIZERS | Pump CHARGE | MILEAGE HE //O | | | DE VECOPMENT S | XILLIN X | DELALEY 2-23 | |
| 3-2300 | XX 466 XX 67560 | /ICES, INC. | MENT TO: | | | FAD KENTAL | | Ĭ. | INSERT FECAT SHOE WIAMO FILL | LATOH DUN PLUG & BASFLE | R | SASKETS | FRS | HARGE | | DESCRIPTION | | SELONGSTRING. | KIG NAMENO. | NESS | NAME OF THE PARTY |
| ARE YOU SALISHE | WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? | MET YOUR NEEDS? OUR SERVICE WAS PERFORMED WITHOUT DELAY? | OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? WE UNDERSTOOD AND | SURVEY | | | | | MO FICE | | | | | | | | | | VIA | | JL |
| ARE YOU SAIRSHED WITH OUR SERVICE? O YES ON NO | E EQUIPMENT JOB | OUT DELAY? | ORMED | | | /tiss | 2182 | SOD MC | /FA. | 1 EA. | | 28 | SEA. | 1,508 | 20 mic | QTY. UM | | WELL PERMIT NO. | DELIVERED TO | BAZINE, | |
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SWIFT OPERATOR

CUSTOMER ACCEPTANCE OF WATERIALS AND SERVICES

APPROVAL

Thank You!



TICKET CONTINUATION

No. 22134

| | 5332 | 223 | 325 | | | | | | | | | | | | | | | | | 290 | 292 | 755 | 233 | 276 | Secular | VIII |
|--------|-----------------|------------------|-----------------|---|---|---|---|---|------|---|----------|---|---|---|---|---|---|----|---|--------|-----------|--|---------|----------|-------------------|------------|
| | | | | | | | | | | | | | | | | | | | | | | e de la companya de l | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | Off: 785-798-2300 | PO Box 466 |
| | | SE | <u> </u> | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | 8 LASSAMOL | RVICE CHARGE | STANDARD CEMENT | | | | | | | | | | | | | | | , | | D-AIR | HALAD 322 | CALSEAL | SACT | FLOCELE | AMERICAN UJARRIOR | i |
| | LONDED MILES 20 | | FAZ | | | | | | | | | | | | | | 4 | | | | | | | | | |
| | 21'58/sammon | CUBIC FEET 1755x | 1751sx | | | - | | _ | | - | | | 1 | | | - | | | ; |) B | 124 163 | 8/15× | 900/165 | 44/1/65 | WELL DELANTEY | |
| | | 5x | | | | | | | | | | - | | _ | | • | | φ. | | | | | | | DATE | No. |
| | | 200 357 | 13 80 231 | _ | | | | _ | | | - | | - | | | • | | | | 35 1-8 | 15 | 2 | | | PAGE S | 22134 |
| 111 00 | 2502 | | 23/02/50 | | _ | _ | , | | | | <u>*</u> | | | - | - | | | | - | 100 | | 80 183 | | ∞ | <u>_</u> ار | |

JOB LOG

SWIFT Services, Inc.



DATE 9 MAR 12 PAGE NO.

| THER | 1CAN W | arriur | WELL NO. 2 | | LEASE | | INEY JOB TYPE S & LOIXSTRING TICKET NO. 22134 |
|---------------------------------------|------------------|---------------|-----------------------|---------------|--|--------------------|---|
| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL) (GAL) | PUMPS T C | PRESSUF TUBING | RE (PSI) CASING | DESCRIPTION OF OPERATION AND MATERIALS |
| <u> </u> | 4533 | | | | | | GN LOCATION |
| · · · · · · · · · · · · · · · · · · · | | | | | | ļ | |
| | 0150 | | ļ | | | | START PIPE 52-15.5# |
| | | | | | | | RTO @ 4371 LTD @ 4364 |
| | | | | | | | SHOE JT 40.16' |
| | | | | | | ļ | CENTRALIZERS 1,2,34,71 |
| | | | | | | · . | BASKETS 5, 72 |
| | | | | | ļ · | | PORT COLLAR TOP OF ST# 72@ 1450 |
| | 3 | | | | | | |
| | <u>322</u> | | | | | | DROPBALL CIRCULATE. |
| | - 44 | | | <u> </u> | | ļ | |
| | 0420 | | 12 | | | 300 | Pump SOOGL MUDFLUSH |
| | | عا | 20 | | • | 300 | Pump 20Bbl KCL FLUSH |
| | | | | | | | 0 |
| | 0426 | | 7 | | <u> </u> | | PLUG RH (30sx) |
| | | | \ | | - | | |
| | 0428 | 4 | 35 | | 4 | <u> </u> | MIX 145 SX EA2 |
| | MILL | | | | · | <u> </u> | 100110 70 |
| | 0440 | | | | | | WASHOUT PumpING LINES. |
| , | Dulda | 6 | | | - | | Story N. Colons |
| | 0442 | <u>u</u> | | - ' | v | | START DISPLACE MENT |
| • | 0500 | <i>?</i> ⊀ | 103 | | | 1,750 | Pivit |
| | $\supset \omega$ | <u> 80</u> | 703 | \rightarrow | <u>' </u> | 15W | PLUG DOWN PSIUP LATCHPLUGIN |
| | 0503 | | | | 1 | | Prience Oct - Dail |
| | USUS | - | | | | | RELEASE PSI-DRY |
| | 0506 | | | | | | WASH TRUCK |
| | <u> </u> | | | | 1 | | WASH IKACK |
| | · . | | | | 1 | | |
| | 0530 | | | | | | JOB COMPLETE |
| | الرين | | | | | | W COM GIVE |
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| CHARGE TO: | |
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| 上でかべて | とアスやことと |
| ADDRESS | |
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TICKET **22140**

| SERVICE TOCATIONS - VX | WELL/PROJECT NO. | LEASE COUNTY AND ST | ATE CITY | DATE OWNER |
|------------------------|------------------------|-------------------------------|----------------------|-----------------|
| L CEUD CTIM, NO | | DELANEY 2:23 DESS | KAZIJE KA | 2000/2 |
| 2. | TICKET TYPE CONTRACTOR | RIG NAME/NO. | SHIPPED DELIVERED TO | ORDER NO. |
| | | DIFIELD SERV. | | |
| 9 | WELL TYPE | WELL CATEGORY JOB PURPOSE | WELL PERMIT NO. | WELL LOCATION . |
| | OIC | DEVELOPMENT PEMENT FORT COLLA | ال ا | 35/3/J Storio |
| REFERRAL LOCATION | INVOICE INSTRUCTIONS | | | |

| MUST BE SIGNED BY CUS | LIMITED WARRANTY provisions | but are not limited t | the terms and condi | LEGAL TERMS: C | | 283 | 587 | 330 | | 290 | 276 | 105 | 576D | 575 | REFERENCE | |
|---|-----------------------------|--|--|---|---|--------------------|----------------------|---------------------|------|----------------|---------|-----------------------|-------------|---------------|-------------------------------------|---|
| MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO | NTY provisions. | 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 | | | | | | | | | | | SECONDARY REFERENCE/ PART NUMBER | |
| UR TO | | DEMNITY, and | of which include, | es and agrees to | | | | | | | | | | | LOC ACCT DF | |
| | SWIFT SERVICES INC | | ZEME TAYMEN - C. | DEMIT DAVIDENT TO | | MILLIMAN TRAINSE | SERVICE CHARGE CEMEN | Swift MULTI DEWSITY | | D-AIR | FLOCELE | PORT COLLAR OPENING T | Pump CHARGE | MILEAGE # 1/0 | DESCRIPTION | |
| PERCORNED WILLOU DELAY! | OUR SERVICE WAS | WE UNDERSTOOD AND | OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? | SURVEY | | 1738411 | NT 1758 | /25 5x | | / | 32/1 | ώι /t | /ws | 25 m | מזי. ן ט | |
| | | | | AGREE DECIDED AGREE | | 17384/165 217.3 Ha | | ^ - | | <u>K</u> | 165 | 8 | 8 | mil | UM QTY. UM | |
| 2// | | | PAGE IOIAL | | _ | €058 | A C | M 39 | i de | 55 S | | 3(S) PP | #05E/ | 15/00 | PRICE | |
| | _ | | 1/5// | 50 | | 2500 | £0258 | 2062 S | | 35,00 | 10 HS | 3500 | 1250 | AOS/ | AMOUNT | 4 |

DATE SIGNED 9 APR /2

TIME SIGNED

M4X 008,

NESS CITY, KS 67560

P.O. BOX 466

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?

1xx 7

158 22

ARE YOU SATISFIED WITH OUR SERVICE?

CUSTOMER DID NOT WISH TO RESPOND

TOTAL

4669 | 72

Thank You.

785-798-2300

USTOMER ACCEPTANCE OF MATERIALS AND SERVICES

APPROVAL

Scott

SWIFT OPERATOR

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

| JOB | ł | റദ | |
|------------|---|----|--|

SWIFT Services, Inc.

| | | · | _ |
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| C. | | DATE ADRIZ PAGEN | Č |
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| USTOMER | | | WELL NO. | | | LEASE | | LIOR TYPE A THEKET MA |
|--------------|--------|---------------------------------------|-----------------------|--------------|----------|--------------------|-------------------|--|
| AME | RICANK | JARRIOR | WELL NO. | | | | | 1-23 CEMENT PORTCOLLAR TICKET NO. 22140 |
| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL) (GAL) | PUM T | P8 C | PRESSURI TUBING | E (PSI) CASING | DESCRIPTION OF OPERATION AND MATERIALS |
| | 1620. | | | | | | | DNLOCATION |
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| | | | | | | | | PORT COLLAR@1450 |
| | | | | | | | | |
| | 1653 | | | | 7 | | 1000 | TEST-HELD |
| | | | | | | | | |
| | 1657 | 3 | | | 7 | | 400 | OPEN PORT CULLAR TAKE INT. RATE. |
| · · | | | | | ľ | - | | |
| | 1659 | 4 | 70 | 7 | | | 500 | MIX 1255× SMI) |
| | | 7 | 4/2 | 7 | | | スぐり | DISCHAGE MEMENT |
| | | | 1 | 7 | | | | DISPLACE CEMENT CIRCULATE 205. TO PIT |
| | | | | | | | | CIMENTERING |
| | 1719 | | | 7 | | 1000 | | CLOSE PORT COLLAR - TEST - HELD |
| | 1 1 1 | | | | | 7000 | | Constitution (Constitution) |
| | 1724 | | | | | | | Run 4 JTS. |
| | 1101 | · · · · · · · · · · · · · · · · · · · | | | | | | 74.5 |
| | 1727 | 3 | | | | | 300 | REVERSE CENTENT OUT OF TUBING. |
| <u></u> | 1141 | | | | - | | | THE GEORGE CENTER OF THE BING. |
| - | | | | | | | | |
| * | 1730 | | | | | | | WASHTRUCK |
| \ | 1130 | | | | | | | WASH MACK |
| | | | | | | | | |
| | | | | | | | | |
| • | 1/1575 | | | <u> </u> | - | | | T-3 1 000 |
| | 1800 | | | | | | <u> </u> | JOB COMPLETE. |
| - | | | <u> </u> | <u> </u> | | | | 14014 |
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| | | | | | | | | THANKS # 110 |
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Geological Report

American Warrior, Inc.

Delaney #2-23

1377' FNL & 1417' FWL

Sec. 23 T19s R22w

Ness County, Kansas



American Warrior, Inc.

General Data

| Well Data: | American Warrior, Inc. Delaney #2-23 1377' FNL & 1417' FWL Sec. 23 T19s R22w Ness County, Kansas API # 15-135-25352-0000 |
|----------------------|--|
| Drilling Contractor: | Petromark Drilling, LLc Rig #1 |
| Geologist: | Jason T Alm |
| Spud Date: | March 16, 2012 |
| Completion Date: | March 29, 2012 |
| Elevation: | 2229' Ground Level 2235' Kelly Bushing |
| Directions: | Bazine KS, 3 mi. South to 90 rd. West 1.5 mi. South into location. |
| Casing: | 223' 8 5/8" surface casing 4364' 5 1/2" production casing |
| Samples: | 10' wet and dry, 3600' to RTD |
| Drilling Time: | 3600' to RTD |
| Electric Logs: | Log-Tech, Inc. "Dan Schmidt" CNL/CDL, DIL |
| Drillstem Tests: | One, Trilobite Testing, Inc. "Brian Fairbank" |
| Problems: | Part broke in drawworks early in well, the rig was down for a week fixing broken part. |

None

Remarks:

Formation Tops

| | American Warrior, Inc. |
|---------------|------------------------|
| | Delaney #2-23 |
| | Sec. 23 T19s R22w |
| Formation | 1377' FNL & 1417' FWL |
| Anhydrite | 1482', +753 |
| Base | 1519', +716 |
| Heebner | 3702', -1467 |
| Lansing | 3747', -1512 |
| BKc | 4085', -1850 |
| Pawnee | 4172', -1937 |
| Fort Scott | 4250', -2015 |
| Cherokee | 4270', -2035 |
| Mississippian | 4351', -2116 |
| RTD | 4371', -2136 |
| LTD | 4364', -2129 |

Sample Zone Descriptions

Fort Scott (4250', -2015): Not Tested

Ls – Fine to sub-crystalline with poor scattered inter-crystalline and vuggy porosity, light to fair oil stain in porosity, slight show of free oil, fair odor, bright yellow fluorescents, 30 units hotwire.

Cherokee "A" Sand (4274', -2039): Covered in DST #1

Ss – Quartz, slightly frosted, fine to medium grained, sub-rounded, fairly sorted, poorly cemented with fair to good inter-granular porosity, fair oil stain and saturation in porosity, show of free oil when broken, fair odor, good cut yellow fluorescents, many random grains, 42 units hotwire.

Mississippian Osage (4406', -2124): Not Tested

Dolo $-\Delta$ – Fine sucrosic crystalline with poor to fair vuggy porosity, heavy triptolitic chert, weathered with fair to good vuggy porosity, fair to good scattered oil stain in porosity, good odor, bright yellow fluorescents, 36 units hotwire.

Drill Stem Tests

Trilobite Testing, Inc. "Brian Fairbank"

DST #1 Cherokee "A" Sand

Interval (4275' – 4305') Anchor Length 30' -2102# IHP -45" - B.O.B. 39 min. 20-31 # IFP – 45" – Dead 234 # ISI -45" - B.O.B. 35 min. 37-50 # FFP -45" - Dead FSI 216# FHP - 2036 # BHT $-115^{\circ}F$

Recovery: 325' GIP

15' OCM 10% Oil 60' GOCM 20% Oil

Structural Comparison

| Formation | American Warrior, Inc. Delaney #2-23 Sec. 23 T19s R22w 1377' FNL & 1417' FWL | American Warrior, Inc. Delaney #1-23 Sec. 23 T19s R22w 750' FNL & 1360' FWL | | Twin Western Henry #2 Sec. 23 T19s R22w C SE NW | |
|---------------|--|---|--------------|---|-------|
| Anhydrite | 1482', +753 | 1488', +750 | (+3) | 1499', +754 | (-1) |
| Base | 1519', +716 | NA | NA | NA | NA NA |
| Heebner | 3702', -1467 | 3703', -1465 | (-2) | 3736', -1483 | (+16) |
| Lansing | 3747', -1512 | 3750', -1512 | FL | 3783', -1530 | (+18) |
| BKc | 4085', -1850 | ŇA | NA | NA | NA |
| Pawnee | 4172', -1937 | NA | NA | 4211', -1958 | (+21) |
| Fort Scott | 4250', -2015 | 4248', -2010 | (-5) | 4288', -2035 | (+20) |
| Cherokee | 4270', -2035 | 4270', -2032 | (-3) | 4310', -2057 | (+22) |
| Mississippian | 4351', -2116 | 4336', -2098 | (-16) | 4306', -2053 | (+37) |

Summary

The location for the Delaney #2-23 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. One drill stem test was conducted which recovered commercial amounts of oil from the Cherokee Sand. After all gathered data had been examined the decision was made to run 5 ½ inch production casing to further evaluate the Delaney #2-23 well.

Recommended Perforations

Primary:

Mississippian Osage (4351' – 4361') Not Tested

Secondary:

Cherokee "A" Sand (4274' – 4282') DST #1

Before Abandonment:

Fort Scott (4253' – 4262') Not Tested

Respectfully Submitted,

Jason T. Alm Hard Rock Consulting, Inc.

| Hard Rock Consulting, Inc. Jason Alm Petroleum Geologist P.O. Box 1260 Hays, KS 67601 APT# J5-J3S-25352-0000 GEOLOGIST'S REPORT | SARE BEFRI NO SEE MORE THE DESTRICT HEET HOUSE | No. televol (FP/Time (SP/Time FVP/Time FSP/Time (SP/Time FSP/Time FSP/Time FSP/Time (SP/Time FSP/Time FSP/Time FSP/Time (SP/Time FSP/Time FSP/Time FSP/Time FSP/Time (SP/Time FSP/Time | IREMARKS | 1:00p.m. 1:00p.m. 26-2012 | | | | | | | | | | | | | | | | | | D\$7#1 | Cherokee "A" Sand 4275'- 4305' 45'1.45'-45'' 2162# 20-31# 8.0.3.4# 734#. | 26.8.35 min. 26.8.25 min. 26.8.25.8.25 min. 20.6.8.25.8.25.8.25.8.25.8.25.8.25.8.25.8. | 12, 80% 18,0% 60% 18,0% 60% 18,0% 60% | | | Spectfully, Javon T. L. 3-30-2012 |
|--|--|---|---|---------------------------------|--|--|--|---|---|---|---|------------------------------|--|---|---|--|---|--|---|-------------------------------|---|--------------------------|--|--|--|---|---|--|
| OPERATOR AMERICAN WARRIOS, Inc. LEASE Delancy WELL NO. 2-23 FIELD Schaben LOCATION 1377'FNL! 1417'FWL SEC. 23 TWP. 19s RGE 22w COUNTY Ness STATE Kansas CONTRACTOR Petromark Drilling, LLC. Rig # 1. COMM: 3-46-2012 COMP: 3-29-2012 RTD 4371' SAMPLES SAVED FROM 3600' TO BTD PRODUCTION S'/z"E 4364' | FORMARISAN BITESTANL DESIGNATION OF SHORE | | SAMPLE DESCRIPTIONS | LS Fr Jan. Ut Gry Mothed. 3. | Ls-ala Ls-Tgn-t+. 644, Faxla, Berren, | Ls-ala Sh-Blk, Carb., Fissile Sh- Gy-Brn | LS i Offichi Ton Fish, wi Fair intervin & Borren wi Sh- Gry- Brn | Ls Jon Lt fortgeran, Od. w.l Ls - ole, DNS Sh - Gry - Ben Ls - Offwh - Ten, Fr. xln, Ool. | W. Poor - For Earners Sid. Pair 1/2 - Cry. Brn 1/5 - Too: Lt. Cry. Fr x/1, Ool. W. Poor Ooth p. Borren | sh-Dok Gey-Blk LS-Ton-Lt. Gey, Subxlu, DWS | LS-Tanic Offlich, Fright Col. LS-PEWM Frach, Ool Berren LS-Offlich Soud Com Q. Berren LS- ala | LSO PATURE LA COM, For Haire | LS-Ton-L+. GA, Subaln, DNS LS-ala | Sh- 6ry- Brn 15- Offuh- Ton For Subx/1606. | Sh- Gry- Bin LS- Ton- Lt. Gry, Subkla, DNS | Sh- Gry LS- Ton-Lt. Gryg Faxla, Ool. LS- ala, Mostly DWS Sh- Dik Gry | LS-Ten: GNSSI. Mottled, Sh. Blk. Corb. | Ls- Fon- Gry, Sl. Mottled, Subslu Us- ala | Sh. Gry. Brn. Gen Ls. Ton. Gry, Subkln, DNS Sh. Gry. Brn. Gen | Us- Ton- Lt. Gny, Subxln, DNS | Sh- Gry-Ben Ls- Ton-Lt. Gry, Subxln, DNS Sh- Gry- Gen | Ls- Lt. Gny, Subxln, BWS | Ls-ala Ls-ala TH | Ls-ala FF FSI SA-BILCAA. BHT | LS- Ton-It Love Fr. Subelnul For Follow, Str. Pet Huse. Sh. Dik Cay. Blk 55. Ott. Frotted Fry Med Gr. 55. Ott. Frotted Fry Med Gr. | Loose Kanclom Gr. Many Loose Kanclom Gr. LS-Tan-Gry, Sukku, DNS | Sh- Gry- Bin- Gen Sh- Mutti wlored, 2- ted Wht | Sh-AV-ala Dolo-AP WHETEN, Fr Suc. HEAVER CONTINUENT SUC. HEAVER CONTINUENT SUC. Side Side Stranger Suc. Side Side Stranger Suc. |
| DRILLING TIME KEPT FROM 3600' TO RTD SAMPLES EXAMINED FROM 3600' TO RTD GEOLOGICAL SUPERASION FROM 3750' TO RTD MUD UP 3500' TYPE MUD Chernical FORMATION TOP DATUM TOP DATUM COMP. Anhydrite 1482' +753 1488'+747 +3 Base 1519' +716 1523'+712 T195 RZZW | | The location for the Delaney # 2-23 was | Sandstone Shale Carb NG TIME mic Scals) 4 5 10 15 20 30 | | | Heebner 3767'-1472 | Lansing | 3753' -1518 | | | | | | | | | | BKc 4093'-1858 | 2 | | Pawnee | | | Fort Scott 28 | Cherokee 47.78'-2043 | ⊕———————————————————————————————————————————————————————————————————————————————————————————————————————————————————————————————————————————————————————————————————————————————————————————————————————————< | A | Mississippian 4359' - 2124 Total Deuth 4371' - 2136 |
| Heebner 3702'-1467 3707'-1472 -2. Lansing 3747'-1512 3753'-1518 FL BKc 4085'-1850 4093'-1858 Pawnee 4172'-1937 4177'-1942-5 Fort Scott 4250'-2015 4257'-2022-5 Cherokee 4270'-2035 4278'-2043-3 Mississippian 4351'-2116 4359'-2124-18 Total Depth 4364'-2129 4371'-2136 | | as expected via the survey. One closill stem test was conducted which recovered commercial amounts of oil from the Cherokee Sand. After all gathered data had been examined the clecision was made to run 51/z inch production casing to further evaluate the Delaney # 2-23 well. | Anhydrite Salt Logarith Logarith | | | | | V V | | λ/\/\- | WALAN | | \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | | | | | WTV | | | | | | | | | | W-1 |
| Delaney #1-23 750' FNL: 1360' FWL Sec 23 T195 RZZW | | Respectfully Submitted, Jason T Sh. 3-30-2012 | DEPTH LITHOLOGY Loc 7702 | | | | 25 m | | | | | | | | | | | % % % | | M F 1 | | | | | | | 7 | 1435 1435 1436 1436 1436 1436 1436 1436 1436 1436 |



Prepared For: American Warrior Inc.

PO Box 399 Garden City, Ks 67646

ATTN: Jason Alm

Delaney #2-23

23-19s-22w Ness,KS

Start Date: 2012.03.27 @ 19:07:08 End Date: 2012.03.28 @ 03:15:08 Job Ticket #: 36074 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



American Warrior Inc.

23-19s-22w Ness, KS

PO Box 399

Garden City, Ks 67646

ATTN: Jason Alm

Delaney #2-23 Job Ticket: 36074

Reference Elevations:

Tester:

DST#: 1

Brian Fairbank

Test Start: 2012.03.27 @ 19:07:08

GENERAL INFORMATION:

Formation: Cherokee "A" Sand

Deviated: Whipstock: Test Type: Conventional Bottom Hole (Initial) ft (KB)

Time Tool Opened: 21:59:38 Time Test Ended: 03:15:08

Unit No:

Total Depth: 4305.00 ft (KB) (TVD)

7.88 inches Hole Condition: Good Hole Diameter:

KB to GR/CF: 6.00 ft

2235.00 ft (KB)

2229.00 ft (CF)

Serial #: 8734

Interval:

Press@RunDepth: 4277.00 ft (KB) 50.13 psig @ Capacity: 8000.00 psig

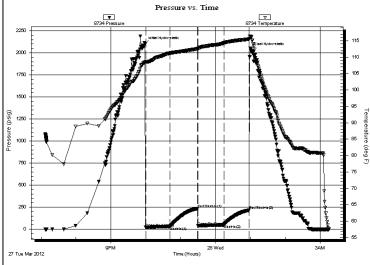
Start Date: 2012.03.27 End Date: 2012.03.28 Last Calib.: 2012.03.27 Start Time: 19:07:09 End Time: 2012.03.27 @ 21:58:08 03:15:08 Time On Btm: 2012.03.28 @ 01:00:08 Time Off Btm:

TEST COMMENT: IFP - BOB 39 min

ISI - no blow back FFP - BOB 35 min FSI - no blow back

Outside

4275.00 ft (KB) To 4305.00 ft (KB) (TVD)



| | Time | Pressure | Temp | Annotation |
|------|--------|----------|---------|----------------------|
| | (Min.) | (psig) | (deg F) | |
| | 0 | 2102.22 | 108.36 | Initial Hydro-static |
| | 2 | 20.92 | 108.58 | Open To Flow (1) |
| | 44 | 31.84 | 111.21 | Shut-In(1) |
| 4 | 91 | 234.62 | 112.52 | End Shut-In(1) |
| | 92 | 37.95 | 112.64 | Open To Flow (2) |
| 1 | 136 | 50.13 | 114.28 | Shut-In(2) |
| (doa | 180 | 215.95 | 115.52 | End Shut-In(2) |
| 9 | 182 | 2036.38 | 116.29 | Final Hydro-static |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

PRESSURE SUMMARY

Recovery

| Length (ft) | Description | Volume (bbl) | | | | | | |
|-------------|-----------------------|--------------|--|--|--|--|--|--|
| 60.00 | GOCM 20%G, 20%O, 60%M | 0.30 | | | | | | |
| 15.00 | OCM 10%O, 90%M | 0.07 | | | | | | |
| 0.00 | 325' GIP | 0.00 | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

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

Ref. No: 36074 Trilobite Testing, Inc. Printed: 2012.03.30 @ 09:21:07



American Warrior Inc.

23-19s-22w Ness, KS

Delaney #2-23

Unit No:

Reference Elevations:

PO Box 399

Garden City, Ks 67646 Job Ticket: 36074

ATTN: Jason Alm

Test Start: 2012.03.27 @ 19:07:08

DST#: 1

GENERAL INFORMATION:

Formation: Cherokee "A" Sand

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

Time Tool Opened: 21:59:38 Time Test Ended: 03:15:08

Interval: 4275.00 ft (KB) To 4305.00 ft (KB) (TVD)

Total Depth: 4305.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Tester: Brian Fairbank

2235.00 ft (KB)

 $\begin{tabular}{lll} 2229.00 ft (CF) \\ KB to GR/CF: & 6.00 ft \end{tabular}$

Serial #: 6669 Inside

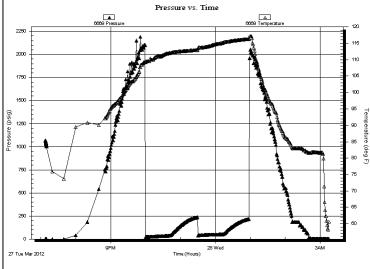
 Press@RunDepth:
 psig
 @ 4277.00 ft (KB)
 Capacity:
 8000.00 psig

Start Date: 2012.03.27 End Date: 2012.03.28 Last Calib.: 1899.12.30

Start Time: 19:07:27 End Time: 03:15:26 Time On Btm: Time Off Btm:

TEST COMMENT: IFP - BOB 39 min

ISI - no blow back FFP - BOB 35 min FSI - no blow back



| PRESSURE SI | JMMARY |
|-------------|--------|
|-------------|--------|

| Ī | Time | Pressure | Temp | Annotation |
|---|--------|----------|---------|------------|
| | (Min.) | (psig) | (deg F) | |
| | | | | |
| | | | | |
| | | | | |
| 1 | | | | |
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| | | | | |
| 9 | | | | |
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| | | | | |
| | | | | |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-----------------------------|----------------|--------------|
| 60.00 GOCM 20%G, 20%O, 60%M | | 0.30 |
| 15.00 | OCM 10%O, 90%M | 0.07 |
| 0.00 325' GIP | | 0.00 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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

Trilobite Testing, Inc Ref. No: 36074 Printed: 2012.03.30 @ 09:21:07



TOOL DIAGRAM

American Warrior Inc.

23-19s-22w Ness, KS

PO Box 399

Job Ticket: 36074

Delaney #2-23

DST#: 1

Garden City, Ks 67646 ATTN: Jason Alm

Test Start: 2012.03.27 @ 19:07:08

Tool Information

Drill Collar:

Drill Pipe: Length: 3916.00 ft Diameter: Heavy Wt. Pipe: Length:

Length:

0.00 ft Diameter: 363.00 ft Diameter:

Diameter:

3.80 inches Volume: 54.93 bbl 0.00 inches Volume: 2.25 inches Volume:

6.75 inches

Total Volume:

0.00 bbl 1.79 bbl 56.72 bbl Tool Weight: 2500.00 lb Weight set on Packer: 25000.00 lb Weight to Pull Loose: 90000.00 lb

Tool Chased 0.00 ft String Weight: Initial 76000.00 lb

Final 76000.00 lb

Drill Pipe Above KB: 31.00 ft Depth to Top Packer: 4275.00 ft

Depth to Bottom Packer: ft Interval between Packers: 30.00 ft Tool Length: 57.00 ft

Number of Packers: 2

Tool Comments:

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths | |
|------------------|-------------|------------|----------|------------|----------------|-------------------------|
| Shut In Tool | 5.00 | | | 4253.00 | | |
| Hydraulic tool | 5.00 | | | 4258.00 | | |
| Jars | 5.00 | | | 4263.00 | | |
| Safety Joint | 2.00 | | | 4265.00 | | |
| Packer | 5.00 | | | 4270.00 | 27.00 | Bottom Of Top Packer |
| Packer | 5.00 | | | 4275.00 | | |
| Stubb | 1.00 | | | 4276.00 | | |
| Perforations | 1.00 | | | 4277.00 | | |
| Recorder | 0.00 | 6669 | Inside | 4277.00 | | |
| Recorder | 0.00 | 8734 | Outside | 4277.00 | | |
| Perforations | 25.00 | | | 4302.00 | | |
| Bullnose | 3.00 | | | 4305.00 | 30.00 | Bottom Packers & Anchor |

Total Tool Length: 57.00

Trilobite Testing, Inc Ref. No: 36074 Printed: 2012.03.30 @ 09:21:08



FLUID SUMMARY

American Warrior Inc. 23-19s-22w Ness, KS

PO Box 399 **Delaney #2-23**

Garden City, Ks 67646 Job Ticket: 36074 **DST#:1**

ATTN: Jason Alm Test Start: 2012.03.27 @ 19:07:08

Mud and Cushion Information

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

Mud Weight:9.00 lb/galCushion Length:ftViscosity:57.00 sec/qtCushion Volume:bbl

Water Loss: 7.59 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 5500.00 ppm Filter Cake: inches

Recovery Information

Recovery Table

| | Length ft | Description | Volume bbl |
|---|--------------|-----------------------|---------------|
| ĺ | 60.00 | GOCM 20%G, 20%O, 60%M | 0.295 |
| ĺ | 15.00 | OCM 10%O, 90%M | 0.074 |
| ĺ | 0.00 | 325' GIP | 0.000 |

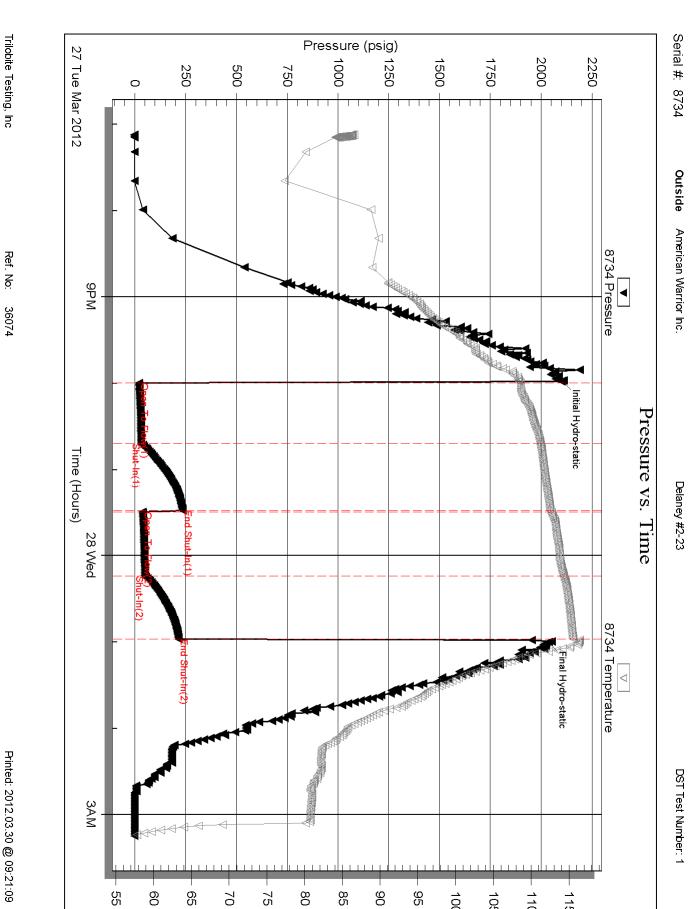
Total Length: 75.00 ft Total Volume: 0.369 bbl

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

Laboratory Name: Laboratory Location:

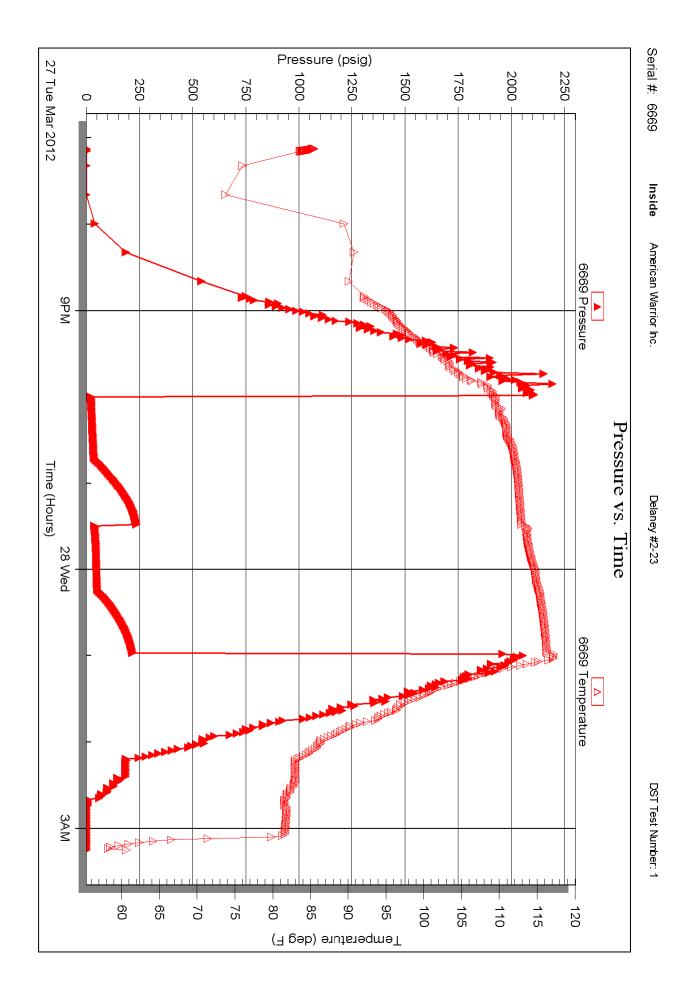
Recovery Comments:

Trilobite Testing, Inc Ref. No: 36074 Printed: 2012.03.30 @ 09:21:08



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Temperature (deg F)



Trilobite Testing, Inc

Ref. No: 36074

Printed: 2012.03.30 @ 09:21:09



|RILOBITE |ESTING INC.

MAR 2 9 2012

Test Ticke

36074

P.O. Box 1733 • Hays, Kansas 67601

| Well Name & No. Delgney 2-23 | Test No | 1 Date 3-27-12 |
|---|---|---------------------------------|
| Company America Warrier | Elevation | 2235 KB 2229 GL |
| Address 3/18 Comming, Rd | Po Box 399 Gorde | Cty, k 6786 |
| Co. Rep / Geo. Jan Alm | Rig | |
| Location: Sec. <u>23</u> Twp. <u>19</u> | _Rge | |
| Interval Tested 4275-4305 | Zone Tested <u>Cherchize</u> | |
| Anchor Length30 | | Mud Wt 9. / |
| Top Packer Depth 4270 | Drill Collars Run363 | |
| Bottom Packer Depth 42 75 | Wt. Pipe Run | wl <i>7.6</i> |
| Total Depth 4305 | Chlorides 5500 ppr | n System LCM |
| Blow Description IFP-1308 3 | 7 min | |
| ISI- no blow | back | |
| FFP- BOB 3 | 5 mm | |
| FSI-no blow | beek | |
| Rec_ 325 Feet of | %gas | %oil %water %mud |
| Rec/5_ Feet of OCM | %gas | 10%oil %water 90%mud |
| Rec60_ Feet of _GOCM_ | 20 %gas | 20%oil %water 60%mud |
| Rec Feet of | %gas | %oil %water %mud |
| Rec Feet of | %gas | %oil %water %mud |
| Rec Total | Gravity API RW | @°F Chloridesppm |
| (A) Initial Hydrostatic 2/02 | (Test) 1225 | T-On Location |
| (B) First Initial Flow | (Jars) 250 | T-Started |
| (C) First Final Flow32 | ☐ Safety Joint 75 | T-Open |
| (D) Initial Shut-In 235 | ☐ Circ Sub | T-Pulled |
| (E) Second Initial Flow38 | ☐ Hourly Standby | T-Out 03/5 |
| (F) Second Final Flow | Mileage 116 RT X Z 32 | Comments |
| (G) Final Shut-In 2/6 | ☐ Sampler | milesco to loso feels |
| (H) Final Hydrostatic 2036 | ☐ Straddle | 300 |
| | ☐ Shale Packer | ☐ Ruined Shale Packer |
| Initial Open 45 | ☐ Extra Packer | Ruined Packer |
| Initial Shut-In 45 | ☐ Extra Recorder | Extra Copies |
| Final Flow 45 | ☐ Day Standby | _ Sub Total |
| Final Shut-In 45 | ☐ Accessibility | |
| | Sub Total 1874-80 | |
| Approved By | Our Representative | SACO 159-1595 |
| Trilobite Testing Inc. shall not be liable for damaged of any kind of the property equipment, or its statements or opinion concerning the results of any test. tool | or personnel of the one for whom a test is made, or for any lost or damaged in the hole shall be paid for at cost by the pa | arty for whom the test is made. |