



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1178498
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

| | | |
|-----------------------------------|-----------------|---|
| Spud Date or Recompletion Date | Date Reached TD | Completion Date or Recompletion Date |
|-----------------------------------|-----------------|---|

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

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: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

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

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1178498

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

| | | | | |
|---|--|------------------------------|----------------------------------|---------------------------------|
| Drill Stem Tests Taken <i>(Attach Additional Sheets)</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Log | Formation (Top), Depth and Datum | <input type="checkbox"/> Sample |
| Samples Sent to Geological Survey | <input type="checkbox"/> Yes <input type="checkbox"/> No | Name | Top | Datum |
| Cores Taken | <input type="checkbox"/> Yes <input type="checkbox"/> No | | | |
| Electric Log Run | <input type="checkbox"/> Yes <input type="checkbox"/> No | | | |
| List All E. Logs Run: | | | | |

| CASING RECORD <input 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 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

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

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record <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: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i> | METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ | PRODUCTION INTERVAL: _____ _____ |
|--|--|---|

| | |
|-----------|------------------------|
| Form | ACO1 - Well Completion |
| Operator | Jones Oil, LLC |
| Well Name | BOOKSTORE 3 |
| Doc ID | 1178498 |

All Electric Logs Run

| |
|---------------------|
| |
| Dual Induction |
| Comp Neutron |
| Comp Porosity |
| Micro |
| Borehole Comp Sonic |

| | |
|-----------|------------------------|
| Form | ACO1 - Well Completion |
| Operator | Jones Oil, LLC |
| Well Name | BOOKSTORE 3 |
| Doc ID | 1178498 |

Tops

| Name | Top | Datum |
|------------|------|-------|
| ANHYDRITE | 861 | 1102 |
| BASE HEEB | 3471 | -1508 |
| DOUGLAS | 3503 | -1540 |
| BROWN LIME | 3599 | -1636 |
| KC | 3625 | -1662 |
| VIOLA | 3988 | -2025 |
| SIMP | 4186 | -2223 |
| ARBUCKLE | 4191 | -2228 |
| RTD | 4225 | -2262 |



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 09566 A

DATE _____ TICKET NO. _____

| DATE OF JOB <u>12-13-13</u> DISTRICT <u>Pratt</u> | | NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.: | | | | | | | | |
|---|----------|--|-----|-------------------|-----|----------------------------|-----------------|----|----|--------------|
| CUSTOMER <u>Steve Jones</u> | | LEASE <u>Book 3100</u> | | WELL NO. <u>3</u> | | | | | | |
| ADDRESS | | COUNTY <u>STAGWID</u> | | STATE <u>Ks</u> | | | | | | |
| CITY STATE | | SERVICE CREW <u>MATTAL, M'Graw, Kagan</u> | | | | | | | | |
| AUTHORIZED BY | | JOB TYPE: <u>CRW SR</u> | | | | | | | | |
| EQUIPMENT# | HRS | EQUIPMENT# | HRS | EQUIPMENT# | HRS | TRUCK CALLED | DATE | AM | PM | TIME |
| <u>37564</u> | <u>1</u> | | | | | | <u>12-13-13</u> | | | <u>5:30</u> |
| | | | | | | ARRIVED AT JOB | | | | <u>8:00</u> |
| <u>77684/19900</u> | <u>1</u> | | | | | START OPERATION | | | | <u>10:38</u> |
| | | | | | | FINISH OPERATION | | | | <u>11:20</u> |
| <u>19959/19800</u> | <u>1</u> | | | | | RELEASED | | | | <u>12:00</u> |
| | | | | | | MILES FROM STATION TO WELL | | | | <u>25</u> |

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: X Jim Mickle
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

| ITEM/PRICE REF. NO. | MATERIAL, EQUIPMENT AND SERVICES USED | UNIT | QUANTITY | UNIT PRICE | \$ AMOUNT |
|---------------------|---------------------------------------|------|----------|------------|-----------------|
| CP 101 | A-cut blank cement | SR | 200 | | |
| CP 100C | Cement | SR | 150 | | |
| CC 102 | Celluflex | LB | 88 | | |
| CC 109 | Calcium chloride | LB | 846 | | |
| CF 105 | TOP Plug plug 5/8" | CR | 1 | | |
| F 100 | P.M. Mils | MJ | 25 | | |
| F 101 | HEAVY eq MILS | MJ | 50 | | |
| F 111 | PROP + BULK DAI | JM | 411 | | |
| CE 201 | Depth charge 500-1000' | YAN | 1 | | |
| CE 240 | Blend + mix charge | SR | 350 | | |
| CE 204 | Plug container wellhead | JOB | 1 | | |
| S 000 | Service Supervisor | CR | 1 | | |
| | | | | SUB TOTAL | <u>8,001.11</u> |

| CHEMICAL / ACID DATA: | | | |
|-----------------------|--|--|--|
| | | | |
| | | | |
| | | | |

| | | |
|---------------------|------------|--|
| SERVICE & EQUIPMENT | %TAX ON \$ | |
| MATERIALS | %TAX ON \$ | |
| TOTAL | | |

| | |
|---|--|
| SERVICE REPRESENTATIVE <u>Mike Mattal</u> | THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>X Jim Mickle</u> (WELL OWNER OPERATOR CONTRACTOR OR AGENT) |
|---|--|

FIELD SERVICE ORDER NO. _____



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 09574 A

| | | | | | |
|--|--|--|-----------------------------------|----------------------------------|------------------------------|
| DATE OF JOB / 12-22-13, DISTRICT P1471 | | DATE | | TICKET NO. | |
| CUSTOMER Steve Johnson | | NEW WELL <input checked="" type="checkbox"/> | OLD WELL <input type="checkbox"/> | PROD <input type="checkbox"/> | INJ <input type="checkbox"/> |
| ADDRESS | | LEASE 150 N 12... | | CUSTOMER ORDER NO.: | |
| CITY STATE | | COUNTY Stearns | | STATE KS | |
| AUTHORIZED BY | | SERVICE CREW Matt ... | | | |
| EQUIPMENT# | | HRS | | JOB TYPE: ... | |
| 37626 | | | | TRUCK CALLED 12-22 DATE AM: 7:30 | |
| | | | | ARRIVED AT JOB AM: 11:00 | |
| 2746 | | | | START OPERATION AM: PM: | |
| | | | | FINISH OPERATION AM: PM: | |
| 17951/1036 | | | | RELEASED AM: PM: | |
| | | | | MILES FROM STATION TO WELL | |

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: X
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

| ITEM/PRICE REF. NO. | MATERIAL, EQUIPMENT AND SERVICES USED | UNIT | QUANTITY | UNIT PRICE | \$ AMOUNT |
|---------------------|---------------------------------------|------|----------|------------|-----------|
| CC 10 | ... | SK | 1 | | |
| CC 11 | ... | SK | 65 | | |
| CC 12 | ... | lb | 38 | | |
| CC 103 | C-411 ... | 13 | 27 | | |
| CC 111 | ... | lb | 705 | | |
| CC 112 | ... | lb | 4 | | |
| CC 113 | ... | lb | 141 | | |
| CC 114 | ... | lb | 71 | | |
| CC 115 | ... | lb | 7 | | |
| CC 607 | ... | | 1 | | |
| CC 120 | ... | | 1 | | |
| CC 160 | ... | | 1 | | |
| CC 116 | ... | | 1 | | |
| CC 121 | ... | | 1 | | |
| CC 124 | ... | | 1 | | |

SUB TOTAL

| CHEMICAL / ACID DATA: | | | |
|-----------------------|--|--|--|
| | | | |
| | | | |
| | | | |

| | |
|---------------------|------------|
| SERVICE & EQUIPMENT | %TAX ON \$ |
| MATERIALS | %TAX ON \$ |
| TOTAL | |

| | |
|----------------------------------|---|
| SERVICE REPRESENTATIVE: Matt ... | THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: X |
|----------------------------------|---|

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 51829

Well Name & No. Bookstore #3 Test No. 1 Date 12-16-13
 Company Jones Oil LLC. Elevation 1963 KB 1959 GL
 Address 112 N. Gray St. St. John, KS 67576-1923
 Co. Rep / Geo. Keaton Jones Rig Petromark
 Location: Sec. 2 Twp. 24s. Rge. 14w. Co. Stafford State KS

Interval Tested 3636-3656 Zone Tested Lansing "B"
 Anchor Length 20 Drill Pipe Run 3494 Mud Wt. 9.0
 Top Packer Depth 3631 Drill Collars Run 117 Vis 65
 Bottom Packer Depth 3636 Wt. Pipe Run Ø WL 8.0
 Total Depth 3656 Chlorides 5000 ppm System LCM Ø

Blow Description IFI Strong blow. BOB @ 2min. No GTS

ISI: No blow.

FF: Strong blow. BOB immed. GTS @ 57min. TSTM.

FSI: Weak 1" bb.

| Rec | Feet of | %gas | %oil | %water | %mud |
|------------|-----------------|-----------|-----------|-----------|-----------|
| <u>90</u> | <u>OWGCM</u> | <u>20</u> | <u>2</u> | <u>45</u> | <u>63</u> |
| <u>120</u> | <u>SLI ocmw</u> | <u>2</u> | <u>68</u> | <u>30</u> | |
| | | | | | |
| | | | | | |
| | | | | | |

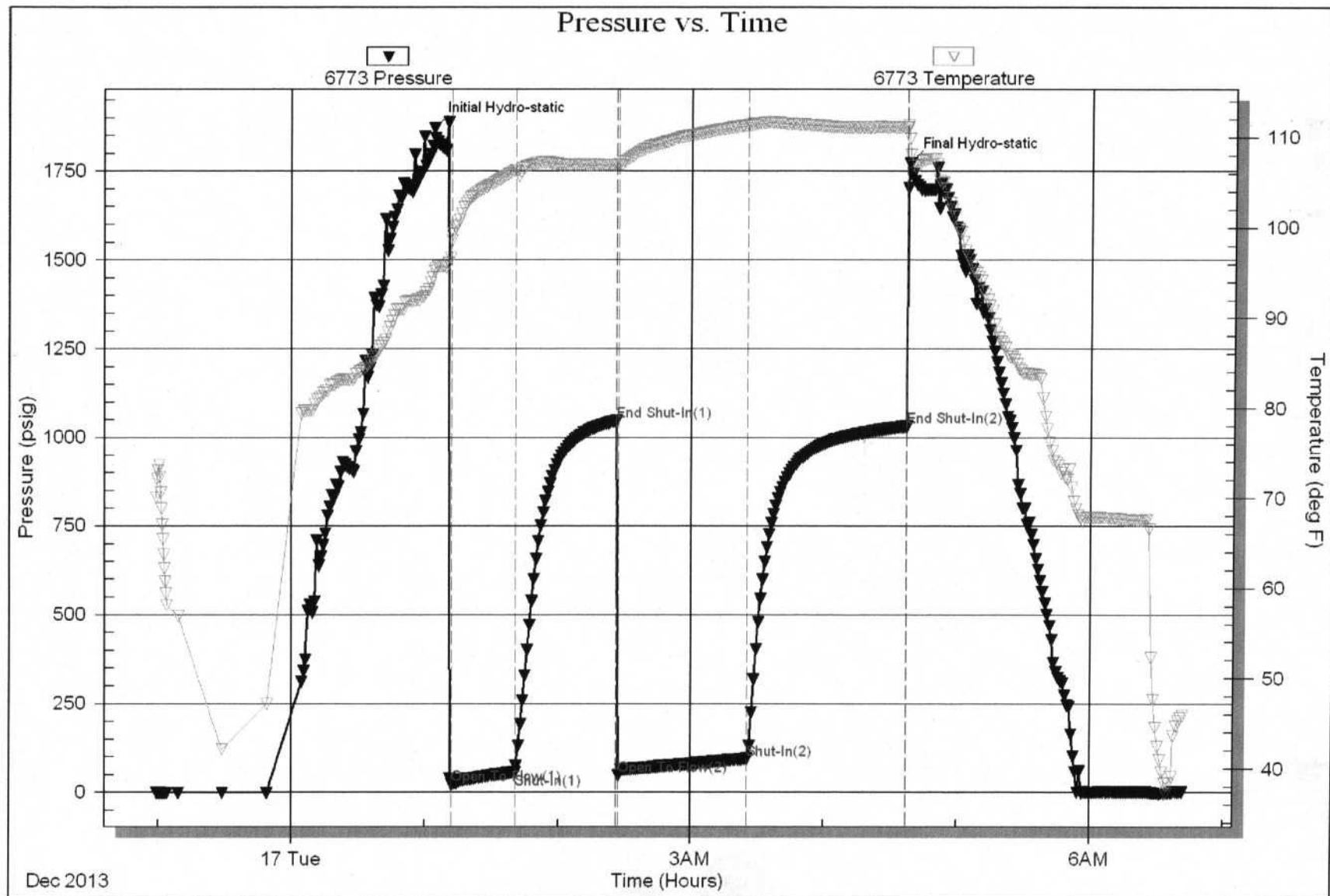
Rec Total 210 BHT 111 Gravity N/C API RW .3 @ 40 ° F Chlorides 43000 ppm

(A) Initial Hydrostatic 1869 Test 2100 T-On Location
 (B) First Initial Flow 23 Jars 2259 T-Started
 (C) First Final Flow 56 Safety Joint 2111 T-Open
 (D) Initial Shut-In 1048 Circ Sub 0426 T-Pulled
 (E) Second Initial Flow 48 Hourly Standby 0641 T-Out
 (F) Second Final Flow 94 Mileage 52 Comments
 (G) Final Shut-In 1032 Sampler
 (H) Final Hydrostatic 1770 Straddle Ruined Shale Packer
 Shale Packer Ruined Packer

Initial Open 30 Extra Packer Extra Copies
 Initial Shut-In 45 Extra Recorder Sub Total
 Final Flow 60 Day Standby Total
 Final Shut-In 60 Accessibility MP/DST Disc't
 Sub Total

Approved By Keaton Jones Our Representative Ryan Reynolds

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.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 51830

Well Name & No. Bookstore #3 Test No. 2 Date 12-17-13
 Company Jones Oil LLC Elevation 1963 KB 1958 GL
 Address 112 N. Gray St. St. John, KS 67576-1923
 Co. Rep / Geo. Keaton Jones / Jeff Burke Rig Petromark #2
 Location: Sec. 2 Twp. 24s. Rge. 14w. Co. Stafford State KS

Interval Tested 3679 - 3697 Zone Tested Lansing "F"
 Anchor Length 18 Drill Pipe Run 3558 Mud Wt. 8.5
 Top Packer Depth 3674 Drill Collars Run 117 Vis 63
 Bottom Packer Depth 3679 Wt. Pipe Run Ø WL 9.2
 Total Depth 3697 Chlorides 9000 ppm System LCM Ø

Blow Description IF: Weak blow 1/4" - 2" - Dead @ 23 min.
ISI: No blow.
FF: Weak blow 2" - surf.
FSI: No blow

| Rec | Feet of | %gas | %oil | %water | %mud |
|------------|-------------|------------|-----------|-----------|------|
| <u>180</u> | <u>GIP</u> | <u>100</u> | | | |
| <u>90</u> | <u>OWLM</u> | <u>10</u> | <u>25</u> | <u>65</u> | |
| | | | | | |
| | | | | | |
| | | | | | |

Rec Total 270 BHT 105 Gravity N/C API RW 3 @ 42 ° F Chlorides 40000 ppm

| | | |
|-------------------------------------|--|--|
| (A) Initial Hydrostatic <u>1883</u> | <input checked="" type="checkbox"/> Test | T-On Location <u>1615</u> |
| (B) First Initial Flow <u>19</u> | <input checked="" type="checkbox"/> Jars | T-Started <u>1625</u> |
| (C) First Final Flow <u>37</u> | <input checked="" type="checkbox"/> Safety Joint | T-Open <u>1745</u> |
| (D) Initial Shut-In <u>966</u> | <input type="checkbox"/> Circ Sub | T-Pulled <u>2015</u> |
| (E) Second Initial Flow <u>39</u> | <input type="checkbox"/> Hourly Standby | T-Out <u>2158</u> |
| (F) Second Final Flow <u>58</u> | <input checked="" type="checkbox"/> Mileage | Comments _____ |
| (G) Final Shut-In <u>949</u> | <input type="checkbox"/> Sampler | _____ |
| (H) Final Hydrostatic <u>1777</u> | <input type="checkbox"/> Straddle | <input type="checkbox"/> Ruined Shale Packer |
| | <input type="checkbox"/> Shale Packer | <input type="checkbox"/> Ruined Packer |
| Initial Open <u>30</u> | <input type="checkbox"/> Extra Packer | <input type="checkbox"/> Extra Copies |
| Initial Shut-In <u>45</u> | <input type="checkbox"/> Extra Recorder | Sub Total _____ |
| Final Flow <u>30</u> | <input type="checkbox"/> Day Standby | Total _____ |
| Final Shut-In <u>45</u> | <input type="checkbox"/> Accessibility | MP/DST Disc't _____ |
| | Sub Total _____ | |

Approved By _____

Our Representative Ryan Reynolds

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

Jones Oil, LLC.
 112 N. Gray St.
 St. John, KS 67576-1923
 ATTN: Keaton Jones

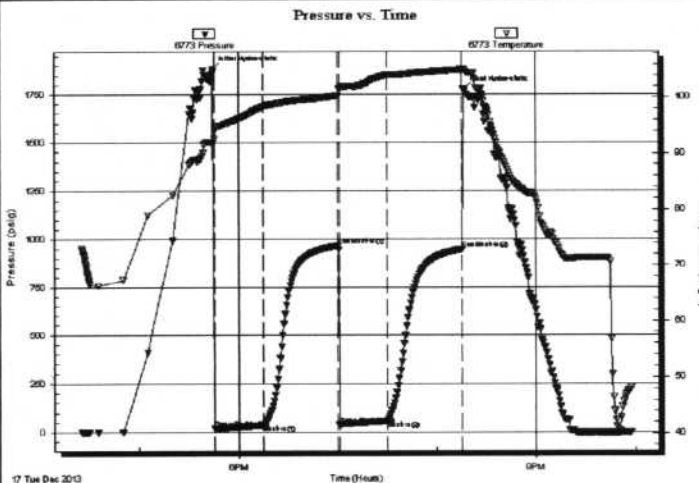
2-24s-14w Stafford Co., KS
Bookstore 3
 Job Ticket: 51830 DST#: 2
 Test Start: 2013.12.17 @ 16:25:11

GENERAL INFORMATION:

Formation: **Lansing F**
 Deviated: No Whipstock: 0.00 ft (KB)
 Time Tool Opened: 17:45:26
 Time Test Ended: 21:57:41
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Ryan Reynolds
 Unit No: 48
 Interval: **3679.00 ft (KB) To 3697.00 ft (KB) (TVD)**
 Total Depth: 3697.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Reference Elevations: 1963.00 ft (KB)
 1958.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6773 Inside
 Press@RunDepth: 58.20 psig @ 3680.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.12.17 End Date: 2013.12.17 Last Calib.: 2013.12.17
 Start Time: 16:25:11 End Time: 21:57:41 Time On Btm: 2013.12.17 @ 17:44:11
 Time Off Btm: 2013.12.17 @ 20:16:11

TEST COMMENT: IF: Weak blow . 1/4 - 1" - Dead @ 23min.
 IS: No blow
 FF: Weak blow . 2" - surf.
 FSI: No blow



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1882.81 | 91.75 | Initial Hydro-static |
| 2 | 18.88 | 92.54 | Open To Flow (1) |
| 31 | 36.93 | 98.38 | Shut-In(1) |
| 76 | 966.46 | 100.36 | End Shut-In(1) |
| 77 | 38.55 | 101.52 | Open To Flow (2) |
| 106 | 58.20 | 104.13 | Shut-In(2) |
| 152 | 949.46 | 105.05 | End Shut-In(2) |
| 152 | 1776.52 | 105.14 | Final Hydro-static |

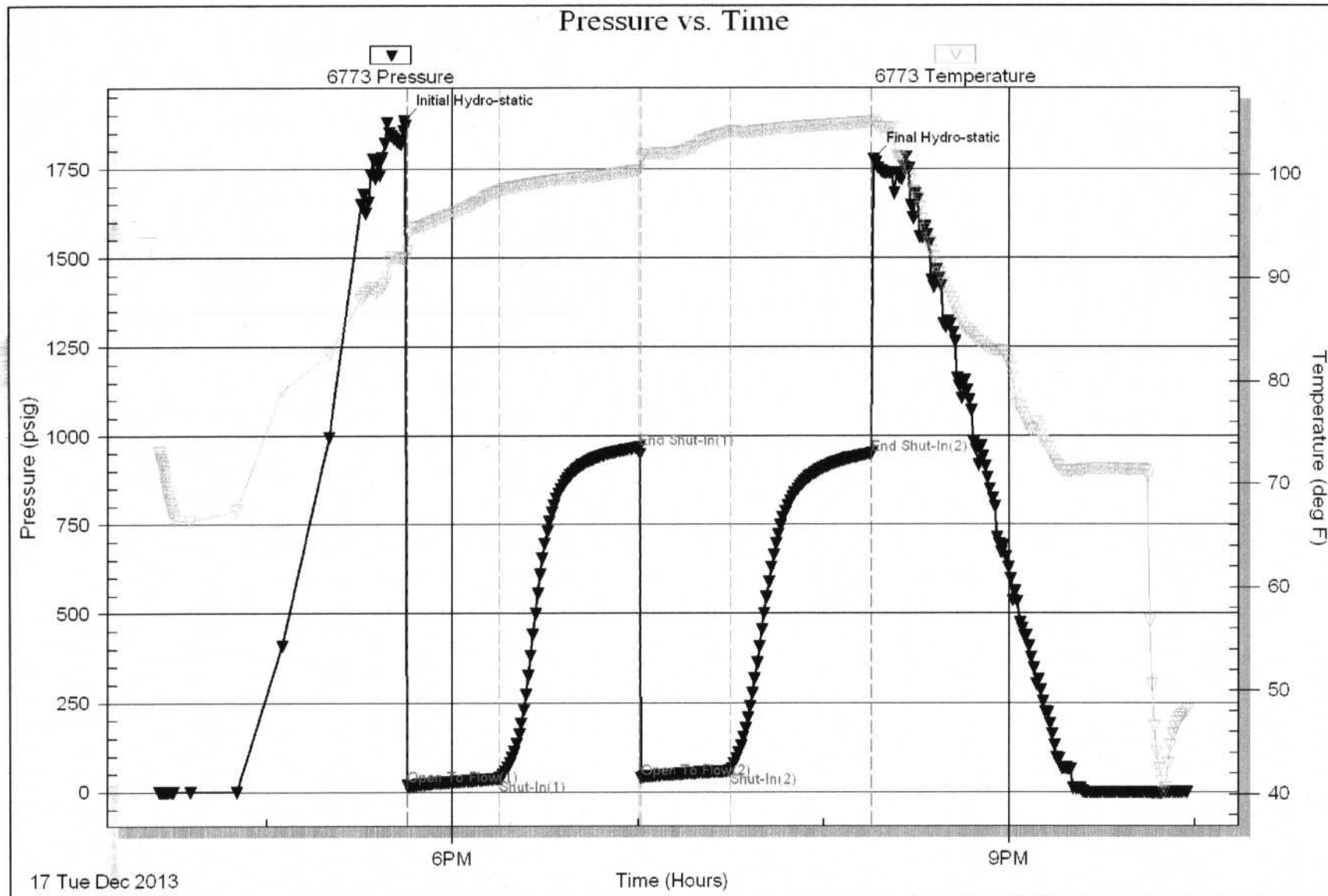
Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|------------------------------|--------------|
| 90.00 | OWCM 10%oil, 25%w tr, 65%mud | 0.44 |
| 0.00 | 180' GIP | 0.00 |
| | | |
| | | |
| | | |

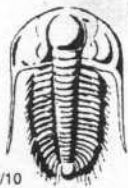
* Recovery from multiple tests

Gas Rates

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



17 Tue Dec 2013



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 51831

Well Name & No. Bookstore #3 Test No. 3 Date 12-18-13
 Company Jones Oil LLC Elevation 1963 KB 1958 GL
 Address 112 N. Gray St. St. John, KS 67576-1923
 Co. Rep / Geo. Keaton Jones/Jeff Burke Rig Petromark #2
 Location: Sec. 2 Twp. 24s. Rge. 14w. Co. Stafford State KS

Interval Tested 3742-3776 Zone Tested Kans. "H-I"
 Anchor Length 34 Drill Pipe Run 3621 Mud Wt. 9.2
 Top Packer Depth 3737 Drill Collars Run 117 Vis 54
 Bottom Packer Depth 3742 Wt. Pipe Run Ø WL 10.4
 Total Depth 3776 Chlorides 8000 ppm System LCM 9

Blow Description IFI: Strong blow, BOB @ 1 1/2 min. No GTS.
ISI: Weak 1/4" BB.
FFI: Strong blow, BOB immed. No GTS.
FSI: Good 6" BB, GTS on BB

| Rec | Feet of | %gas | %oil | %water | %mud |
|------------|--------------|-----------|-----------|-----------|-----------|
| <u>90</u> | <u>WOGM</u> | <u>28</u> | <u>25</u> | <u>20</u> | <u>27</u> |
| <u>120</u> | <u>MCOGW</u> | <u>25</u> | <u>25</u> | <u>43</u> | <u>7</u> |
| <u>80</u> | <u>OGMLW</u> | <u>10</u> | <u>4</u> | <u>63</u> | <u>23</u> |
| Rec | Feet of | %gas | %oil | %water | %mud |
| Rec | Feet of | %gas | %oil | %water | %mud |

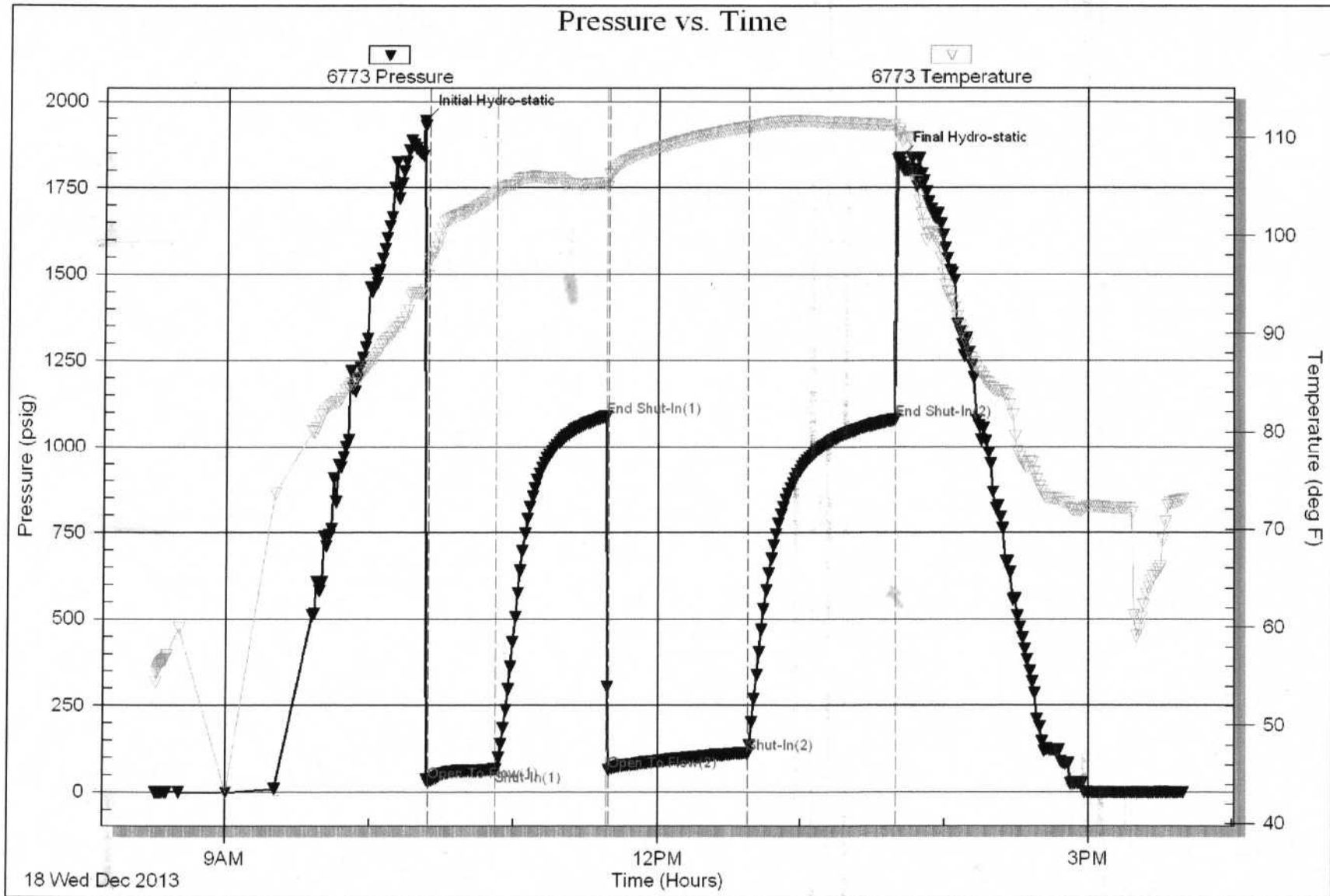
Rec Total 270 BHT 111 Gravity N/L API RW .22 @ 70 °F Chlorides 32000 ppm

(A) Initial Hydrostatic 1942 Test 0815 T-On Location
 (B) First Initial Flow 31 Jars 0830 T-Started
 (C) First Final Flow 65 Safety Joint 1024 T-Open
 (D) Initial Shut-In 1088 Circ Sub 1336 T-Pulled
 (E) Second Initial Flow 63 Hourly Standby 1540 T-Out
 (F) Second Final Flow 112 Mileage 52 Comments
 (G) Final Shut-In 1079 Sampler
 (H) Final Hydrostatic 1835 Straddle Ruined Shale Packer
 Shale Packer Ruined Packer
 Extra Packer Extra Copies

Initial Open 30 Extra Recorder
 Initial Shut-In 45 Day Standby
 Final Flow 60 Accessibility
 Final Shut-In 60 Sub Total
 Sub Total _____ MP/DST Disc't _____

Approved By _____ Our Representative Ryan Reynolds

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

Jones Oil, LLC.
 112 N. Gray St.
 St. John, KS 67576-1923
 ATTN: Keaton Jones

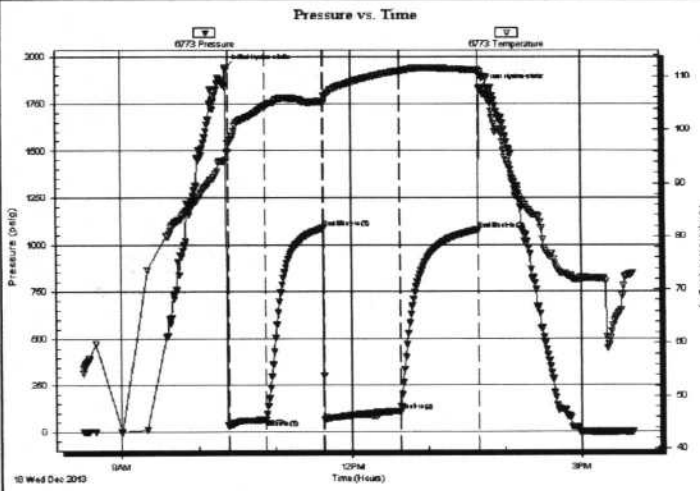
2-24s-14w Stafford Co., KS
Bookstore 3
 Job Ticket: 51831 **DST#: 3**
 Test Start: 2013.12.18 @ 08:30:08

GENERAL INFORMATION:

Formation: **Lansing H-I**
 Deviated: No Whipstock: 0.00 ft (KB)
 Time Tool Opened: 10:24:08
 Time Test Ended: 15:40:08
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Ryan Reynolds
 Unit No: 48
 Interval: **3742.00 ft (KB) To 3776.00 ft (KB) (TVD)**
 Total Depth: 3776.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Reference Elevations: 1963.00 ft (KB)
 1958.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6773 Inside
 Press@RunDepth: 111.96 psig @ 3743.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.12.18 End Date: 2013.12.18 Last Calib.: 2013.12.18
 Start Time: 08:30:08 End Time: 15:40:08 Time On Btm: 2013.12.18 @ 10:21:53
 Time Off Btm: 2013.12.18 @ 13:41:08

TEST COMMENT: IF: Strong blow . BOB @ 1 1/2min. No GTS.
 IS: Weak 1/4" BB
 FF: Strong blow . BOB immed. No GTS.
 FS: Good 6" BB, GTS on BB

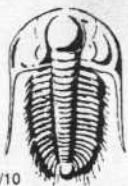


| PRESSURE SUMMARY | | | |
|------------------|-----------------|--------------|----------------------|
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
| 0 | 1941.74 | 94.05 | Initial Hydro-static |
| 3 | 30.81 | 97.36 | Open To Flow (1) |
| 31 | 64.82 | 104.50 | Shut-In(1) |
| 77 | 1087.61 | 105.30 | End Shut-In(1) |
| 78 | 62.60 | 106.18 | Open To Flow (2) |
| 136 | 111.96 | 111.03 | Shut-In(2) |
| 198 | 1079.29 | 111.19 | End Shut-In(2) |
| 200 | 1834.94 | 110.81 | Final Hydro-static |

| Recovery | | |
|-------------|--|--------------|
| Length (ft) | Description | Volume (bbl) |
| 60.00 | OGMCW 4%oil, 10%gas, 23%mud, 63%w0.30 | |
| 120.00 | MCOGW 7%mud, 25%gas, 25%oil, 43%v1.16 | |
| 90.00 | WOGM 20%w tr, 25%oil, 27%mud, 28%g1.26 | |
| | | |
| | | |

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

* Recovery from multiple tests



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 51832

Well Name & No. Bookstore #3 Test No. 4 Date 12-19-13
 Company Jones Oil LLC. Elevation 1963 KB 1958 GL
 Address 112 N. Gray St. St. John, KS 67576-1923
 Co. Rep / Geo. Keaton Jones / Jeff Burke Rig Petromack #2
 Location: Sec. Z Twp. 24s. Rge. 14w. Co. Stafford State KS

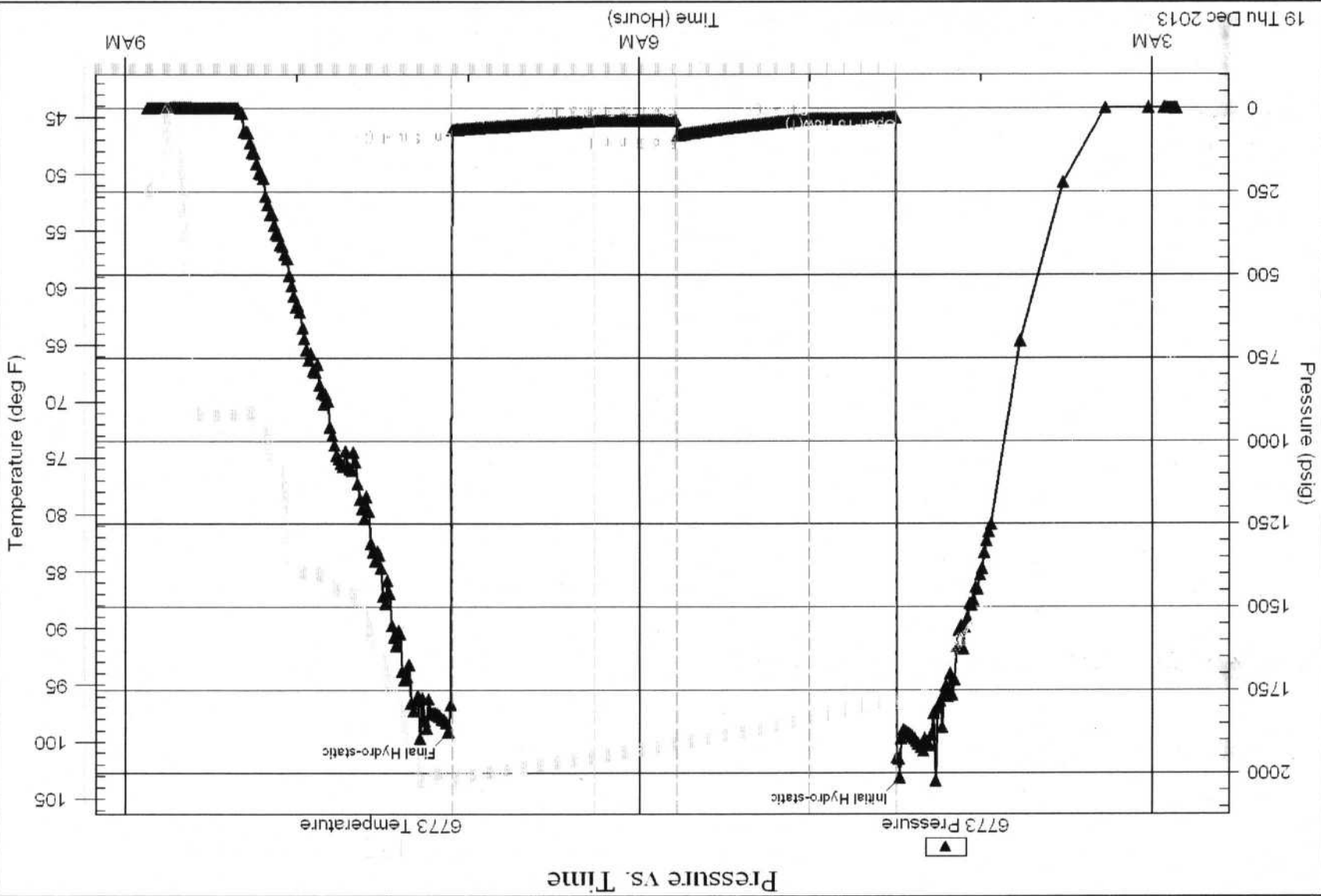
Interval Tested 3775-3830 Zone Tested Lansing "J,K"
 Anchor Length 55' Drill Pipe Run 3653 Mud Wt. 9.2
 Top Packer Depth 3770 Drill Collars Run 117 Vis 54
 Bottom Packer Depth 3775 Wt. Pipe Run ∅ WL 10.2
 Total Depth 3830 Chlorides 8000 ppm System LCM ∅
 Blow Description IF: Weak blow. Surf - 1/2" ISI: No blow.
FF: Weak blow. Surf. - Dead @ 10 min. FSI: No blow.

| Rec | Feet of | %gas | %oil | %water | %mud |
|-----------|-----------------|--------------|------|-----------|------|
| <u>50</u> | <u>0 spkd M</u> | <u><1</u> | | <u>99</u> | |
| Rec | Feet of | %gas | %oil | %water | %mud |
| Rec | Feet of | %gas | %oil | %water | %mud |
| Rec | Feet of | %gas | %oil | %water | %mud |
| Rec | Feet of | %gas | %oil | %water | %mud |

Rec Total 50 BHT 103 Gravity N/C API RW N/C @ N/C °F Chlorides 8000 ppm

| | | |
|-------------------------------------|---|--|
| (A) Initial Hydrostatic <u>2014</u> | <input checked="" type="checkbox"/> Test | T-On Location <u>0245</u> |
| (B) First Initial Flow <u>26</u> | <input checked="" type="checkbox"/> Jars | T-Started <u>0251</u> |
| (C) First Final Flow <u>31</u> | <input checked="" type="checkbox"/> Safety Joint | T-Open <u>0429</u> |
| (D) Initial Shut-In <u>80</u> | <input type="checkbox"/> Circ Sub | T-Pulled <u>0713</u> |
| (E) Second Initial Flow <u>35</u> | <input type="checkbox"/> Hourly Standby | T-Out <u>0852</u> |
| (F) Second Final Flow <u>37</u> | <input checked="" type="checkbox"/> Mileage <u>52</u> | Comments _____ |
| (G) Final Shut-In <u>64</u> | <input type="checkbox"/> Sampler | _____ |
| (H) Final Hydrostatic <u>1876</u> | <input type="checkbox"/> Straddle | <input type="checkbox"/> Ruined Shale Packer |
| Initial Open <u>30</u> | <input type="checkbox"/> Shale Packer | <input type="checkbox"/> Ruined Packer |
| Initial Shut-In <u>45</u> | <input type="checkbox"/> Extra Packer | <input type="checkbox"/> Extra Copies |
| Final Flow <u>30</u> | <input type="checkbox"/> Extra Recorder | Sub Total _____ |
| Final Shut-In <u>45</u> | <input type="checkbox"/> Day Standby | Total _____ |
| | <input type="checkbox"/> Accessibility | MP/DST Disc't _____ |
| | Sub Total _____ | |

Approved By _____ Our Representative Ryan Reynolds
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Serial #: 6773 Inside Jones Oil, LLC Bookstore 3 DST Test Number: 4



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Jones Oil, LLC.
 112 N. Gray St.
 St. John, KS 67576-1923
 ATTN: Keaton Jones

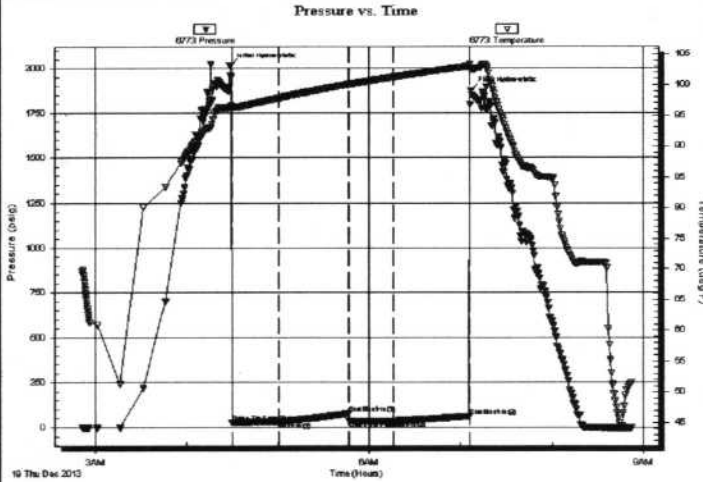
2-24s-14w Stafford Co., KS
Bookstore 3
 Job Ticket: 51832 **DST#: 4**
 Test Start: 2013.12.19 @ 02:51:14

GENERAL INFORMATION:

Formation: **Lansing J-K**
 Deviated: No Whipstock: 0.00 ft (KB)
 Time Tool Opened: 04:29:44
 Time Test Ended: 08:52:29
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Ryan Reynolds
 Unit No: 48
 Interval: **3775.00 ft (KB) To 3830.00 ft (KB) (TVD)**
 Total Depth: 3830.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Reference Elevations: 1963.00 ft (KB)
 1958.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6773 Inside
 Press@RunDepth: 36.70 psig @ 3776.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.12.19 End Date: 2013.12.19 Last Calib.: 2013.12.19
 Start Time: 02:51:14 End Time: 08:52:29 Time On Btm: 2013.12.19 @ 04:28:29
 Time Off Btm: 2013.12.19 @ 07:06:59

TEST COMMENT: IF: Weak blow . surf. - 1/2"
 IS: No blow
 FF: Weak blow . surf. - dead @ 10min.
 FSI: No blow



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2014.03 | 96.36 | Initial Hydro-static |
| 2 | 25.66 | 96.17 | Open To Flow (1) |
| 32 | 31.44 | 97.82 | Shut-In(1) |
| 78 | 80.08 | 100.06 | End Shut-In(1) |
| 79 | 34.61 | 100.08 | Open To Flow (2) |
| 108 | 36.70 | 101.26 | Shut-In(2) |
| 158 | 64.23 | 103.07 | End Shut-In(2) |
| 159 | 1875.66 | 102.71 | Final Hydro-static |

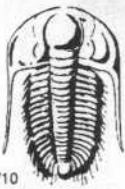
Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|--------------------------|--------------|
| 50.00 | O spkd M trc%oil, 99%mud | 0.25 |
| | | |
| | | |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 51833

4/10

Well Name & No. Bookstore # 3 Test No. 5 Date 12-19-13
 Company Jones Oil LLC. Elevation 1963 KB 1958 GL
 Address 112 N. Gray St. St. John, KS 67576-1923
 Co. Rep / Geo. Keaton Jones / Jeff Burke Rig Petromark # 2
 Location: Sec. 2 Twp. 24s Rge. 14w. Co. Stafford State KS

Interval Tested 3837-3860 Zone Tested Lansing "L"
 Anchor Length 23 Drill Pipe Run 3715 Mud Wt. 9.4
 Top Packer Depth 3832 Drill Collars Run 117 Vis 51
 Bottom Packer Depth 3837 Wt. Pipe Run Ø WL 10.8
 Total Depth 3860 Chlorides 10000 ppm System LCM Ø
 Blow Description IF: Weak blow, surf. - 2" ISI: No blow.
FF: Weak blow, 1/2" - 2 1/2" FSI: No blow.

| Rec | Feet of | %gas | %oil | %water | %mud |
|-----------|------------|-----------|------|-----------|------|
| <u>30</u> | <u>OCM</u> | <u>10</u> | | <u>90</u> | |
| Rec | Feet of | %gas | %oil | %water | %mud |
| Rec | Feet of | %gas | %oil | %water | %mud |
| Rec | Feet of | %gas | %oil | %water | %mud |
| Rec | Feet of | %gas | %oil | %water | %mud |

Rec Total 30 BHT 107 Gravity n/c API RW n/c @ n/c °F Chlorides 10000 ppm

(A) Initial Hydrostatic 1967 Test 1715 T-On Location
 (B) First Initial Flow 18 Jars 1737 T-Started
 (C) First Final Flow 20 Safety Joint 1915 T-Open
 (D) Initial Shut-In 66 Circ Sub 2145 T-Pulled
 (E) Second Initial Flow 21 Hourly Standby 2327 T-Out
 (F) Second Final Flow 25 Mileage
 (G) Final Shut-In 96 Sampler
 (H) Final Hydrostatic 1885 Straddle Ruined Shale Packer
 Shale Packer Ruined Packer
 Extra Packer Extra Copies
 Extra Recorder Sub Total
 Day Standby Total
 Accessibility MP/DST Disc't
 Sub Total

Approved By _____ Our Representative Ryan Reynolds
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TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Jones Oil, LLC.
 112 N. Gray St.
 St. John, KS 67576-1923
 ATTN: Keaton Jones

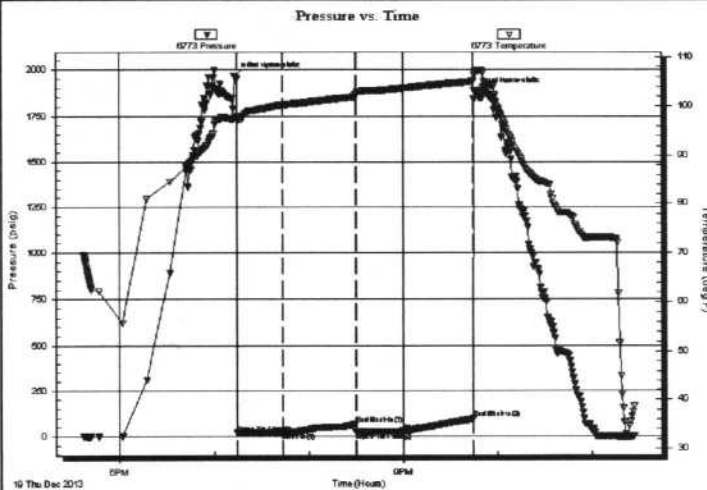
2-24s-14w Stafford Co., KS
Bookstore 3
 Job Ticket: 51833 **DST#: 5**
 Test Start: 2013.12.19 @ 17:36:57

GENERAL INFORMATION:

Formation: **Lansing L**
 Deviated: No Whipstock: 0.00 ft (KB)
 Time Tool Opened: 19:14:42
 Time Test Ended: 23:26:57
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Ryan Reynolds
 Unit No: 48
 Interval: **3837.00 ft (KB) To 3860.00 ft (KB) (TVD)**
 Total Depth: 3860.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Reference Elevations: 1963.00 ft (KB)
 1958.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6773 Inside
 Press@RunDepth: 25.04 psig @ 3838.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.12.19 End Date: 2013.12.19 Last Calib.: 2013.12.19
 Start Time: 17:36:57 End Time: 23:26:57 Time On Btm: 2013.12.19 @ 19:12:57
 Time Off Btm: 2013.12.19 @ 21:45:27

TEST COMMENT: IF: Weak blow . surf. - 2"
 IS: No blow
 FF: Weak blow . 1/2" - 2 1/2"
 FS: No blow



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1967.23 | 97.57 | Initial Hydro-static |
| 2 | 17.79 | 97.51 | Open To Flow (1) |
| 31 | 20.15 | 100.30 | Shut-In(1) |
| 77 | 65.73 | 101.97 | End Shut-In(1) |
| 78 | 21.39 | 102.41 | Open To Flow (2) |
| 107 | 25.04 | 103.67 | Shut-In(2) |
| 152 | 95.79 | 105.04 | End Shut-In(2) |
| 153 | 1885.21 | 106.81 | Final Hydro-static |

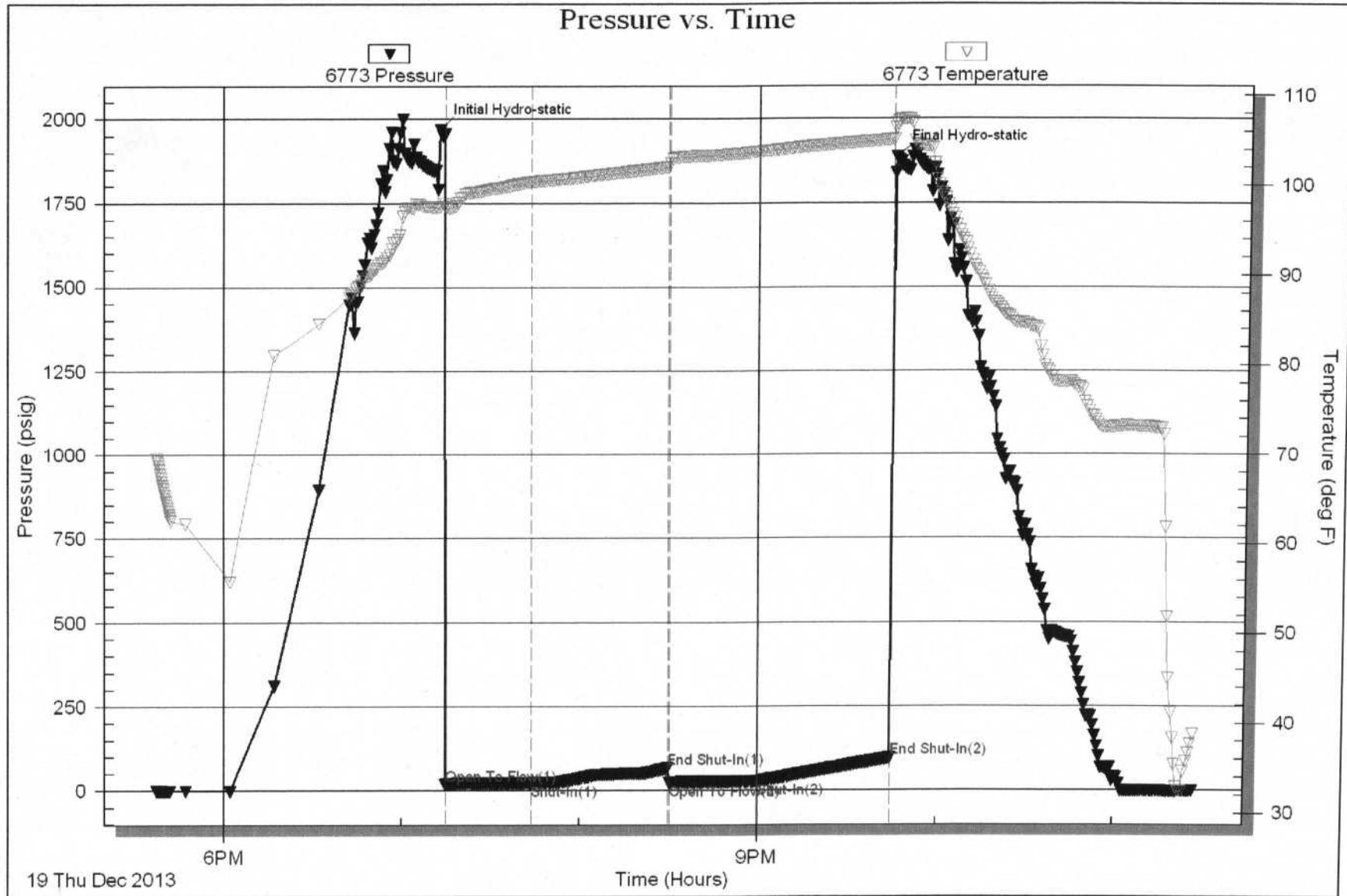
Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|--------------------|--------------|
| 30.00 | OCM 10%oil, 90%mud | 0.15 |
| | | |
| | | |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

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





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 51000

Well Name & No. Jones Oil LLC Test No. 6 Date 12-20-13
 Company Bookstore #3 Elevation 1963 KB 1958 GL
 Address 112 N. Gray St. St. John, KS 67576-1923
 Co. Rep/Geo. Keaton Jones/Jeff Burke Rig Petromark #2
 Location: Sec. 2 Twp. 21w. Rge. 14s. Co. Stafford State KS

Interval Tested 3958-4010 Zone Tested Mississippi
 Anchor Length 52 Drill Pipe Run 3841 Mud Wt. 9.4
 Top Packer Depth 3953 Drill Collars Run 117 Vis 54
 Bottom Packer Depth 3958 Wt. Pipe Run Ø WL 10.8
 Total Depth 4010 Chlorides 10000 ppm System LCM Ø
 Blow Description IF: Weak blow, surf. - 1" FSI: No blow.
FF: Weak blow. 1/4" - dead @ 20min. FSI: No blow.

| Rec | Feet of | %gas | %oil | %water | %mud |
|-----------|-----------------|------------|------|------------|------|
| <u>15</u> | <u>VSLI OLM</u> | <u>Trc</u> | | <u>99+</u> | |
| Rec | Feet of | %gas | %oil | %water | %mud |
| Rec | Feet of | %gas | %oil | %water | %mud |
| Rec | Feet of | %gas | %oil | %water | %mud |
| Rec | Feet of | %gas | %oil | %water | %mud |

Rec Total 15 BHT Gravity N/C API RW N/C @ N/C F Chlorides 10000 ppm

| | | |
|-------------------------------------|---|--|
| (A) Initial Hydrostatic <u>2089</u> | <input checked="" type="checkbox"/> Test | T-On Location <u>1800</u> |
| (B) First Initial Flow <u>25</u> | <input checked="" type="checkbox"/> Jars | T-Started <u>1820</u> |
| (C) First Final Flow <u>35</u> | <input checked="" type="checkbox"/> Safety Joint | T-Open <u>2016</u> |
| (D) Initial Shut-In <u>271</u> | <input type="checkbox"/> Circ Sub | T-Pulled <u>2305</u> |
| (E) Second Initial Flow <u>42</u> | <input type="checkbox"/> Hourly Standby | T-Out <u>0042</u> |
| (F) Second Final Flow <u>47</u> | <input checked="" type="checkbox"/> Mileage <u>52</u> | Comments _____ |
| (G) Final Shut-In <u>112</u> | <input type="checkbox"/> Sampler | <input type="checkbox"/> Ruined Shale Packer |
| (H) Final Hydrostatic <u>2006</u> | <input type="checkbox"/> Straddle | <input type="checkbox"/> Ruined Packer |
| Initial Open <u>30</u> | <input type="checkbox"/> Shale Packer | <input type="checkbox"/> Extra Copies |
| Initial Shut-In <u>45</u> | <input type="checkbox"/> Extra Packer | Sub Total _____ |
| Final Flow <u>30</u> | <input type="checkbox"/> Extra Recorder | Total _____ |
| Final Shut-In <u>45</u> | <input type="checkbox"/> Day Standby | MP/DST Disc't _____ |
| | <input type="checkbox"/> Accessibility | |
| | Sub Total _____ | |

Approved By _____ Our Representative Ryan Reynolds

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