

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33335
Name: IA Operating, Inc.
Address 1: 9915 W. 21st Street, Ste B
Address 2: _____
City: Wichita State: KS Zip: 67205 + _____
Contact Person: Robert D. Swann
Phone: (316) 721-0036
CONTRACTOR: License # 30606
Name: Murfin Drilling Co., Inc.
Wellsite Geologist: Stephen J. Miller
Purchaser: None

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW
 Gas ENHR SIGW
 CM (Coal Bed Methane) Temp. Abd.
 Dry Other _____
(Core, WSW, Expl., Cathodic, etc.)

If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr. Conv. to SWD
 Plug Back: _____ Plug Back Total Depth _____
 Commingled Docket No.: _____
 Dual Completion Docket No.: _____
 Other (SWD or Enhr.?) Docket No.: _____

| | | |
|-----------------------------------|-------------------|---|
| <u>12/14/2009</u> | <u>12/20/2009</u> | <u>12/20/2009</u> |
| Spud Date or Recompletion Date | Date Reached TD | Completion Date or Recompletion Date |

API No. 15 - -179-21243-0000
Spot Description: _____
W/2 NW SE NE Sec. 29 Twp. 8 S. R. 27 East West
1650 Feet from North / South Line of Section
1050 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Sheridan
Lease Name: Jamison Family Trust Well #: 29-1
Field Name: _____
Producing Formation: None
Elevation: Ground: 2606 Kelly Bushing: 2611
Total Depth: 4020' Plug Back Total Depth: 4020'
Amount of Surface Pipe Set and Cemented at: 221' 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 P+A AH II NUR
(Data must be collected from the Reserve Pit) 3-3-10
Chloride content: 10,000 ppm Fluid volume: 400 bbls
Dewatering method used: Evaporation/Backfill
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

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

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

Signature: Robert D. Swann
Title: Vice President Date: 2-24-2010
Subscribed and sworn to before me this 24 day of February,
20 10.
Notary Public: Julie Burrows
Date Commission Expires: March 19, 2013

KCC Office Use ONLY

Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received

RECEIVED
KANSAS CORPORATION COMMISSION
FEB 26 2010

JULIE BURROWS
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 3-19-13

CONSERVATION DIVISION
WICHITA, KS

Operator Name: IA Operating, Inc. Lease Name: Jamison Family Trust Well #: 29-1
 Sec. 29 Twp. 8 S. R. 27 East West County: Sheridan

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

| | | | | | | | | | | | | | | | | | | | |
|---|---|-------|-----|-------|-----------|------|------|---------------|-----------------------------|------|---------|-------|-------|---------|-------|-------|-------------|-------|--|
| Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Geological Report, Micro Log, Compensated Density/Neutron Log, Dual Induction Log, Sonic Log | <input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Anhydrite</td> <td>2242</td> <td>+369</td> </tr> <tr> <td>Heebner Shale</td> <td>3714 2270</td> <td>+335</td> </tr> <tr> <td>Toronto</td> <td>3740'</td> <td>-1129</td> </tr> <tr> <td>Lansing</td> <td>3753'</td> <td>-1142</td> </tr> <tr> <td>Total Depth</td> <td>4020'</td> <td></td> </tr> </table> | Name | Top | Datum | Anhydrite | 2242 | +369 | Heebner Shale | 3714 2270 | +335 | Toronto | 3740' | -1129 | Lansing | 3753' | -1142 | Total Depth | 4020' | |
| Name | Top | Datum | | | | | | | | | | | | | | | | | |
| Anhydrite | 2242 | +369 | | | | | | | | | | | | | | | | | |
| Heebner Shale | 3714 2270 | +335 | | | | | | | | | | | | | | | | | |
| Toronto | 3740' | -1129 | | | | | | | | | | | | | | | | | |
| Lansing | 3753' | -1142 | | | | | | | | | | | | | | | | | |
| Total Depth | 4020' | | | | | | | | | | | | | | | | | | |

| CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used | | | | | | | |
|---|-------------------|---------------------------|-------------------|---------------|----------------|--------------|----------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc. | | | | | | | |
| Purpose of String | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs. / Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| Surface | 12 1/4" | 8 5/8" | 23# | 221' | Common | 160 | 3%Ca, 2% Gel |
| | | | | | | | |
| | | | | | | | |

| 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 checked="" type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone | | Common | 195 | 4% gel, 1/4# Flo-seal |
| | | | | |

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

RECEIVED
 KANSAS CORPORATION COMMISSION
 FEB 26 2010
 CONSERVATION DIVISION
 WICHITA, KS

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

| | | |
|---|--|--|
| DISPOSITION OF GAS: <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 <input type="checkbox"/> Other (Specify) _____ | PRODUCTION INTERVAL: _____ _____ |
|---|--|--|

ALLIED CEMENTING CO., LLC. 044367

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

SERVICE POINT: Oakley Ks

w/2 NUSENW

| | | | | | | | |
|------------------------------------|----------------|--------------------|--|--------------------------|---------------------------|--------------------------|---------------------------|
| DATE <u>12/14/09</u> | SEC. <u>29</u> | TWP. <u>8</u> | RANGE <u>27</u> | CALLED OUT <u>8:30pm</u> | ON LOCATION <u>8:30pm</u> | JOB START <u>10:30pm</u> | JOB FINISH <u>11:00pm</u> |
| Jannison Family Trust | | WELL # <u>29-1</u> | LOCATION <u>Hoxie SE 1 1/2 S 1/4 W</u> | | COUNTY <u>Sheridan</u> | STATE <u>KS</u> | |
| OLD OR NEW (Circle one) <u>NEW</u> | | | <u>S. into</u> | | | | |

CONTRACTOR Murfin 16

TYPE OF JOB Surf

HOLE SIZE 10 1/4 T.D. 221

CASING SIZE 8 5/8 DEPTH 221

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 13.12

OWNER Same

CEMENT AMOUNT ORDERED 160 SK

com 300 cc 200 gel

EQUIPMENT

PUMP TRUCK CEMENTER Alan

403- HELPER Wahne

BULK TRUCK # 347 DRIVER Darren

BULK TRUCK # DRIVER

| | | | | |
|--|--------------------|----------|--------------|----------------------|
| COMMON | <u>160 SK</u> | @ | <u>15.45</u> | <u>2472.00</u> |
| POZMIX | | @ | | |
| GEL | <u>3 SK</u> | @ | <u>20.80</u> | <u>62.40</u> |
| CHLORIDE | <u>6 SK</u> | @ | <u>58.20</u> | <u>349.20</u> |
| ASC | | @ | | |
| RECEIVED KANSAS CORPORATION COMMISSION | | | | |
| FEB 26 2010 | | | | |
| CONSERVATION DIVISION WICHITA, KS | | | | |
| HANDLING | <u>169 SK</u> | @ | <u>2.40</u> | <u>405.60</u> |
| MILEAGE | <u>109 SK/mile</u> | -minimum | <u>312</u> | <u>312.00</u> |
| | | | | TOTAL <u>3601.20</u> |

REMARKS:

Cement did circulate

Alan, Wahne, Darren

SERVICE

| | | | | |
|-------------------|-----------|---|-------------|----------------------|
| DEPTH OF JOB | | | | |
| PUMP TRUCK CHARGE | | | | <u>1018.00</u> |
| EXTRA FOOTAGE | | @ | | |
| MILEAGE | <u>10</u> | @ | <u>7.00</u> | <u>70.00</u> |
| MANIFOLD | | @ | | |
| | | | | TOTAL <u>1088.00</u> |

CHARGE TO: I.A. Operating

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

| | | | |
|-------------|---|--|--|
| | @ | | |
| | @ | | |
| | @ | | |
| | @ | | |
| | @ | | |
| TOTAL _____ | | | |

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

PRINTED NAME Tracy Ryp

SIGNATURE Tracy Ryp

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

ALLIED CEMENTING CO., LLC. 044440

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

SERVICE POINT: Oakleys

| | | | | | | | |
|--|--------------------------|--|------------------|------------------|----------------------------|---|--------------------------|
| DATE <u>12-20-09</u> | SEC. <u>29</u> | TWP. <u>8S</u> | RANGE <u>27W</u> | CALLED OUT | ON LOCATION <u>12:00pm</u> | JOB START <u>2:00pm</u> | JOB FINISH <u>2:30pm</u> |
| LEASE <u>Jamison Family</u> | WELL # <u>Trust 29-1</u> | LOCATION <u>Hoyt & Rd 50 1 1/2 E</u> | | | COUNTY <u>Shoeman</u> | STATE <u>KS</u> | |
| OLD OR <input checked="" type="radio"/> NEW (Circle one) | | | | <u>W & S</u> | | RECEIVED KANSAS CORPORATION COMMISSION | |

| | | |
|---|------------------------------|-----------------------|
| CONTRACTOR <u>Munro #8</u> | OWNER | FEB 26 2010 |
| TYPE OF JOB <u>PTA</u> | CEMENT | CONSERVATION DIVISION |
| HOLE SIZE _____ T.D. _____ | AMOUNT ORDERED <u>205</u> | <u>WICHITA KS</u> |
| CASING SIZE _____ DEPTH _____ | <u>490 gal 114 # 10 seal</u> | |
| TUBING SIZE _____ DEPTH _____ | | |
| DRILL PIPE <u>4" 2</u> DEPTH <u>2250'</u> | | |
| TOOL _____ DEPTH _____ | | |
| PRES. MAX _____ MINIMUM _____ | | |
| MEAS. LINE _____ SHOE JOINT _____ | | |
| CEMENT LEFT IN CSG. _____ | | |
| PERFS. _____ | | |
| DISPLACEMENT _____ | | |

EQUIPMENT

| |
|-----------------------------------|
| PUMP TRUCK CEMENTER <u>Tuzzy</u> |
| # <u>431</u> HELPER <u>Relly</u> |
| BULK TRUCK |
| # <u>347</u> DRIVER <u>Darrin</u> |
| BULK TRUCK |
| # _____ DRIVER _____ |

| | | | |
|---------------------|--------------------|----------------|----------------|
| COMMON | <u>123</u> | @ <u>15.45</u> | <u>1900.35</u> |
| POZMIX | <u>82</u> | @ <u>8.00</u> | <u>656.00</u> |
| GEL | <u>7</u> | @ <u>20.80</u> | <u>145.60</u> |
| CHLORIDE | | @ | |
| ASC | | @ | |
| <u>10 seal 51 #</u> | | @ <u>2.50</u> | <u>127.50</u> |
| HANDLING | <u>214</u> | @ <u>2.40</u> | <u>513.60</u> |
| MILEAGE | <u>.10454 mile</u> | | <u>941.00</u> |
| TOTAL | | | <u>4284.05</u> |

REMARKS:

299kg @ 2250'
1009kg @ 1400'
409kg @ 270'
109kg @ 40'
309kg @ RB

Job complete @ 2:15pm
Thanks Tuzzy & crew

SERVICE

| | |
|-------------------|---------------------------------------|
| DEPTH OF JOB | <u>2250'</u> |
| PUMP TRUCK CHARGE | <u>1018.00</u> |
| EXTRA FOOTAGE | @ |
| MILEAGE | <u>49</u> @ <u>7.00</u> <u>308.00</u> |
| MANIFOLD | @ |
| TOTAL | <u>1325.00</u> |

CHARGE TO: IA Operating

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

| | | |
|--------------------|----------------|--------------|
| <u>1.8518 plug</u> | @ <u>40.00</u> | <u>40.00</u> |
| | @ | |
| | @ | |
| | @ | |
| | @ | |
| TOTAL | | <u>40.00</u> |

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

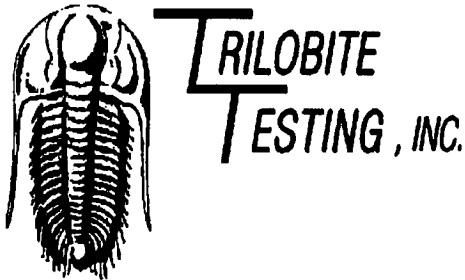
PRINTED NAME Troy Ryp

SIGNATURE Troy Ryp

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS



DRILL STEM TEST REPORT

Prepared For: **IA Operating, Inc.**

9915 West 21st Street North
Suite B
Wichita, KS. 67205

ATTN: Steve Miller

29 8S 27WSheridan KS

Jamison Family Trust 29-1

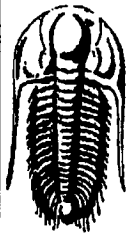
Start Date: 2009.12.18 @ 08:22:51

End Date: 2009.12.18 @ 13:04:51

Job Ticket #: 36725 DST #: 1

RECEIVED
KANSAS CORPORATION COMMISSION
FEB 26 2010
CONSERVATION DIVISION
WICHITA, KS

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

IA Operating, Inc.
9915 West 21st Street North
Suite B
Wichita, KS. 67205
ATTN: Steve Miller

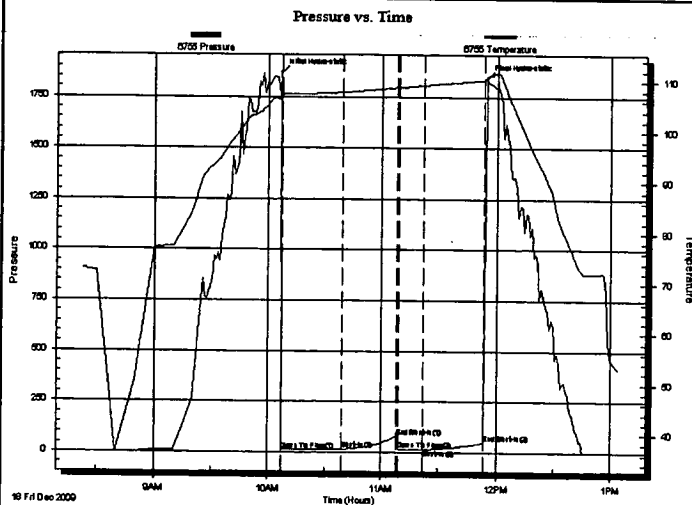
Jamison Family Trust 29-1
29 8S 27WSheridan KS
Job Ticket: 36725 **DST#: 1**
Test Start: 2009.12.18 @ 08:22:51

GENERAL INFORMATION:

Formation: **Toronto**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 10:07:21
Time Test Ended: 13:04:51
Interval: **3726.00 ft (KB) To 3748.00 ft (KB) (TVD)**
Total Depth: **3748.00 ft (KB) (TVD)**
Hole Diameter: **7.80 inches** Hole Condition: **Good**
Test Type: **Conventional Bottom Hole**
Tester: **Jason McLemore**
Unit No: **32**
Reference Elevations: **2611.00 ft (KB)**
2606.00 ft (CF)
KB to GR/CF: **5.00 ft**

Serial #: 6755 **Inside**
Press@RunDepth: **16.13 psig @ 3730.00 ft (KB)**
Start Date: **2009.12.18** End Date: **2009.12.18**
Start Time: **08:22:53** End Time: **13:04:51**
Capacity: **8000.00 psig**
Last Calib.: **2009.12.18**
Time On Btrr: **2009.12.18 @ 10:06:51**
Time Off Btrr: **2009.12.18 @ 11:54:21**

TEST COMMENT: IFP-Weak Surface Blow
ISI-Dead
FFP-Dead
FSI-Dead



PRESSURE SUMMARY

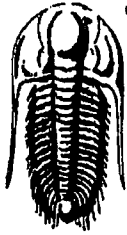
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1865.02 | 107.09 | Initial Hydro-static |
| 1 | 11.89 | 107.01 | Open To Flow (1) |
| 32 | 14.39 | 107.78 | Shut-In(1) |
| 61 | 77.71 | 108.72 | End Shut-In(1) |
| 62 | 14.88 | 108.72 | Open To Flow (2) |
| 75 | 16.13 | 109.18 | Shut-In(2) |
| 107 | 50.02 | 110.24 | End Shut-In(2) |
| 108 | 1838.03 | 110.86 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 1.00 | Watery Mud | 0.00 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

I A Operating, Inc.

Jamison Family Trust 29-1

9915 West 21st Street North
Suite B
Wichita, KS. 67205
ATTN: Steve Miller

29 8S 27WSheridan KS

Job Ticket: 36725 **DST#: 1**

Test Start: 2009.12.18 @ 08:22:51

Tool Information

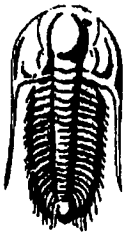
| | | | | |
|---------------------------|--------------------|-----------------------|-------------------|------------------------------------|
| Drill Pipe: | Length: 3586.00 ft | Diameter: 3.80 inches | Volume: 50.30 bbl | Tool Weight: 2000.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 2.70 inches | Volume: 0.00 bbl | Weight set on Packer: 25000.00 lb |
| Drill Collar: | Length: 144.00 ft | Diameter: 2.25 inches | Volume: 0.71 bbl | Weight to Pull Loose: 58000.00 lb |
| | | Total Volume: | 51.01 bbl | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 25.00 ft | | | String Weight: Initial 56000.00 lb |
| Depth to Top Packer: | 3726.00 ft | | | Final 56000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 22.00 ft | | | |
| Tool Length: | 43.00 ft | | | |
| Number of Packers: | 2 | Diameter: 6.75 inches | | |

Tool Comments:

Tool Description

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|------------------|-------------|------------|----------|------------|------------------------------------|
| Change Over Sub | 1.00 | | | 3706.00 | |
| Shut In Tool | 5.00 | | | 3711.00 | |
| Hydraulic tool | 5.00 | | | 3716.00 | |
| Packer | 5.00 | | | 3721.00 | 21.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 3726.00 | |
| Stubb | 1.00 | | | 3727.00 | |
| Perforations | 3.00 | | | 3730.00 | |
| Recorder | 0.00 | 6755 | Inside | 3730.00 | |
| Recorder | 0.00 | 8360 | Outside | 3730.00 | |
| Perforations | 15.00 | | | 3745.00 | |
| Bullnose | 3.00 | | | 3748.00 | 22.00 Bottom Packers & Anchor |

Total Tool Length: 43.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

IA Operating, Inc.

Jamison Family Trust 29-1

9915 West 21st Street North
Suite B
Wichita, KS. 67205
ATTN: Steve Miller

29 8S 27WSheridan KS
Job Ticket: 36725 **DST#: 1**
Test Start: 2009.12.18 @ 08:22:51

Mud and Cushion Information

| | | | |
|----------------------------------|----------------------------|-----------------|---------|
| Mud Type: Gel Chem | Cushion Type: | Oil API: | deg API |
| Mud Weight: 9.00 lb/gal | Cushion Length: ft | Water Salinity: | ppm |
| Viscosity: 56.00 sec/qt | Cushion Volume: bbl | | |
| Water Loss: 7.98 in ³ | Gas Cushion Type: | | |
| Resistivity: ohm.m | Gas Cushion Pressure: psig | | |
| Salinity: 1800.00 ppm | | | |
| Filter Cake: inches | | | |

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 1.00 | Watery Mud | 0.005 |

Total Length: 1.00 ft Total Volume: 0.005 bbl

Num Fluid Samples: 0

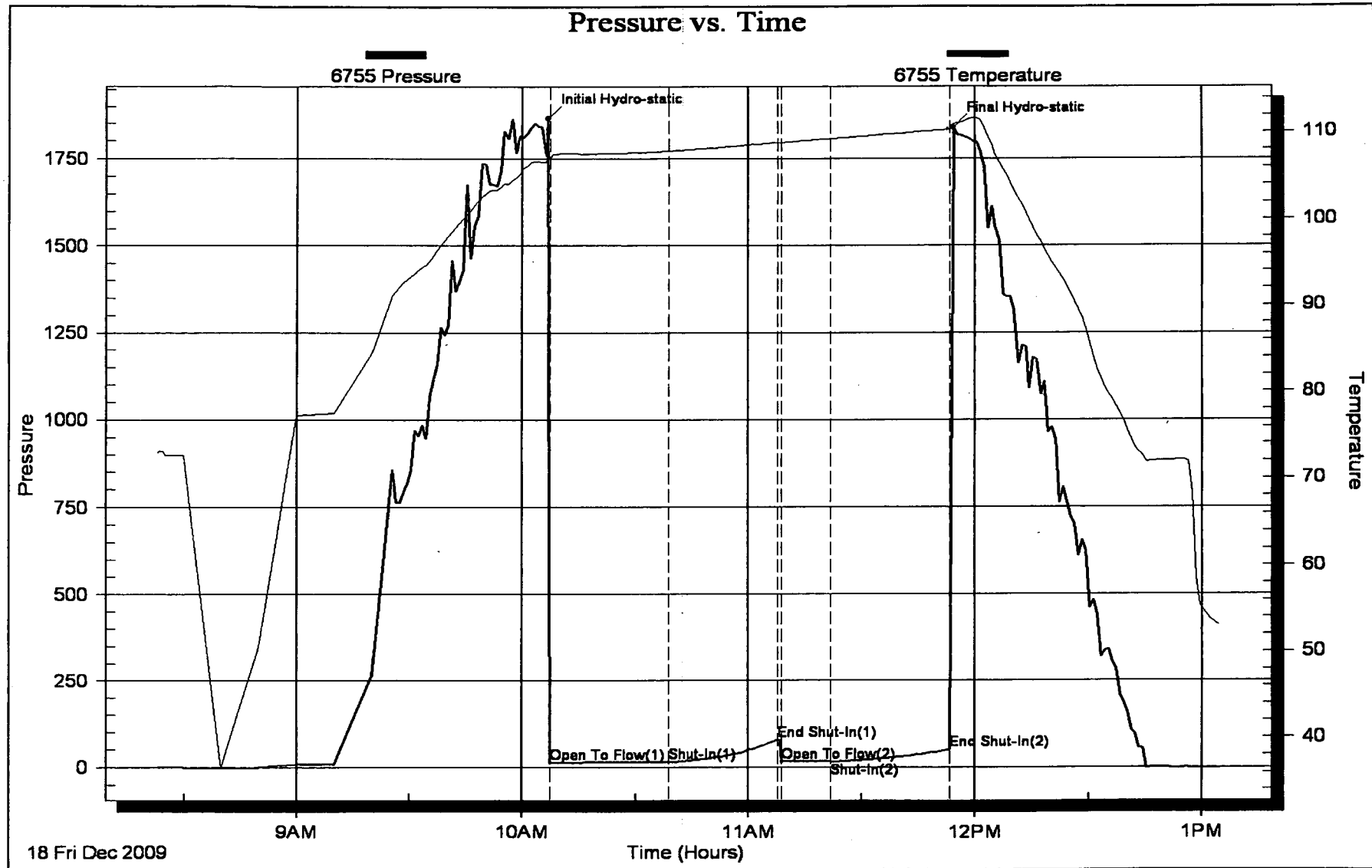
Num Gas Bombs: 0

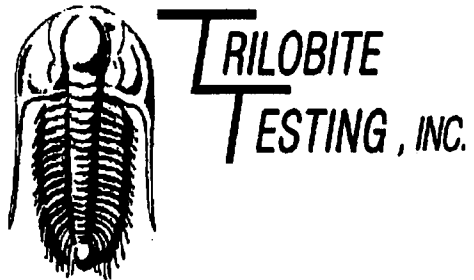
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **IA Operating, Inc.**

9915 West 21st Street North
Suite B
Wichita, KS. 67205

ATTN: Steve Miller

29 8S 27WSheridan KS

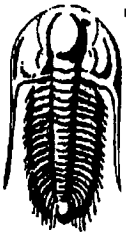
Jamison Family Trust 29-1

Start Date: 2009.12.18 @ 20:02:05

End Date: 2009.12.19 @ 03:18:29

Job Ticket #: 37913 DST #: 2

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

IA Operating, Inc.
9915 West 21st Street North
Suite B
Wichita, KS. 67205
ATTN: Steve Miller

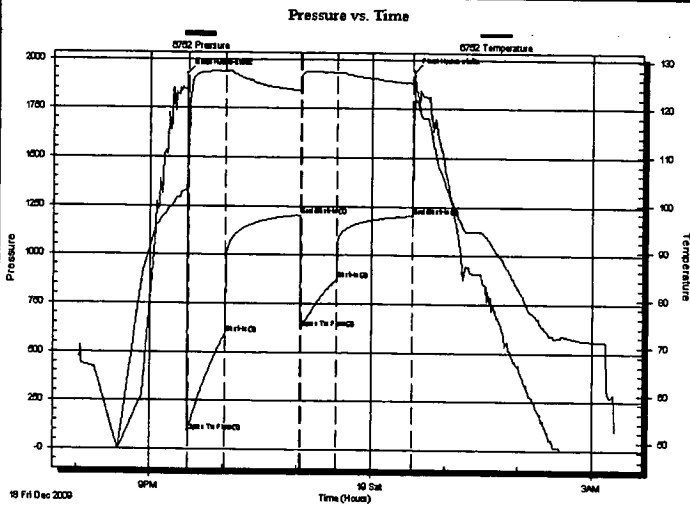
Jamison Family Trust 29-1
29 8S 27WSheridan KS
Job Ticket: 37913 **DST#: 2**
Test Start: 2009.12.18 @ 20:02:05

GENERAL INFORMATION:

Formation: **Lansing "B"**
Deviated: **No** Whipstock: ft (KB)
Time Tool Opened: 21:31:00
Time Test Ended: 03:18:29
Interval: **3775.00 ft (KB) To 3792.00 ft (KB) (TVD)**
Total Depth: **3792.00 ft (KB) (TVD)**
Hole Diameter: **7.80 inches** Hole Condition: **Good**
Test Type: **Conventional Bottom Hole**
Tester: **Mike Roberts**
Unit No: **36**
Reference Elevations: **2611.00 ft (KB)**
2606.00 ft (CF)
KB to GR/CF: **5.00 ft**

Serial #: 6752 **Inside**
Press@RunDepth: **875.90 psig @ 3776.00 ft (KB)**
Start Date: **2009.12.18** End Date: **2009.12.19**
Start Time: **20:02:05** End Time: **03:18:29**
Capacity: **8000.00 psig**
Last Calib.: **2009.12.19**
Time On Btrn: **2009.12.18 @ 21:30:00**
Time Off Btrn: **2009.12.19 @ 00:34:29**

TEST COMMENT: IF:BOB 2 min.
IS:no return
FF:BOB 3 min
FS:no return



PRESSURE SUMMARY

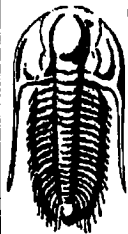
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1924.07 | 102.80 | Initial Hydro-static |
| 1 | 93.11 | 105.51 | Open To Flow (1) |
| 32 | 592.44 | 127.64 | Shut-In(1) |
| 92 | 1204.86 | 123.74 | End Shut-In(1) |
| 93 | 621.96 | 125.90 | Open To Flow (2) |
| 122 | 875.90 | 127.52 | Shut-In(2) |
| 184 | 1202.91 | 125.32 | End Shut-In(2) |
| 185 | 1938.10 | 122.81 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------------|--------------|
| 1700.00 | mcsw 30% m 70% sw | 23.03 |
| 250.00 | mcsw 5% m 95 %sw | 3.51 |
| 0.00 | API=0 | 0.00 |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

IA Operating, Inc.
9915 West 21st Street North
Suite B
Wichita, KS. 67205
ATTN: Steve Miller

Jamison Family Trust 29-1
29 8S 27WSheridan KS
Job Ticket: 37913 **DST#: 2**
Test Start: 2009.12.18 @ 20:02:05

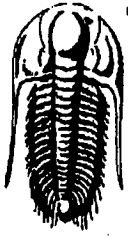
Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|-------------------|------------------------------------|
| Drill Pipe: | Length: 3678.00 ft | Diameter: 3.80 inches | Volume: 51.59 bbl | Tool Weight: 1500.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight set on Packer: 25000.00 lb |
| Drill Collar: | Length: 90.00 ft | Diameter: 2.25 inches | Volume: 0.44 bbl | Weight to Pull Loose: 70000.00 lb |
| | | Total Volume: | 52.03 bbl | Tool Chased: 0.00 ft |
| Drill Pipe Above KB: | 13.00 ft | | | String Weight: Initial 51000.00 lb |
| Depth to Top Packer: | 3775.00 ft | | | Final 61000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 17.00 ft | | | |
| Tool Length: | 37.00 ft | | | |
| Number of Packers: | 2 | Diameter: 6.75 inches | | |

Tool Comments:

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|-------------------------|--------------------|-------------------|-----------------|-------------------|-----------------------|
|-------------------------|--------------------|-------------------|-----------------|-------------------|-----------------------|

| | | | | | |
|---------------------------|--------------|------|--------|---------|------------------------------------|
| Shut In Tool | 5.00 | | | 3760.00 | |
| Hydraulic tool | 5.00 | | | 3765.00 | |
| Packer | 5.00 | | | 3770.00 | 20.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 3775.00 | |
| Stubb | 1.00 | | | 3776.00 | |
| Recorder | 0.00 | 6672 | Inside | 3776.00 | |
| Recorder | 0.00 | 6752 | Inside | 3776.00 | |
| Perforations | 13.00 | | | 3789.00 | |
| Bullnose | 3.00 | | | 3792.00 | 17.00 Bottom Packers & Anchor |
| Total Tool Length: | 37.00 | | | | |



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

I A Operating, Inc.
9915 West 21st Street North
Suite B
Wichita, KS. 67205
ATTN: Steve Miller

Jamison Family Trust 29-1
29 8S 27WSheridan KS
Job Ticket: 37913 **DST#: 2**
Test Start: 2009.12.18 @ 20:02:05

Mud and Cushion Information

| | | |
|----------------------------------|----------------------------|---------------------------|
| Mud Type: Gel Chem | Cushion Type: | Oil API: 0 deg API |
| Mud Weight: 9.00 lb/gal | Cushion Length: ft | Water Salinity: 15000 ppm |
| Viscosity: 56.00 sec/qt | Cushion Volume: bbl | |
| Water Loss: 7.95 in ³ | Gas Cushion Type: | |
| Resistivity: 0.00 ohm.m | Gas Cushion Pressure: psig | |
| Salinity: 1800.00 ppm | | |
| Filter Cake: 1.00 inches | | |

Recovery Information

Recovery Table

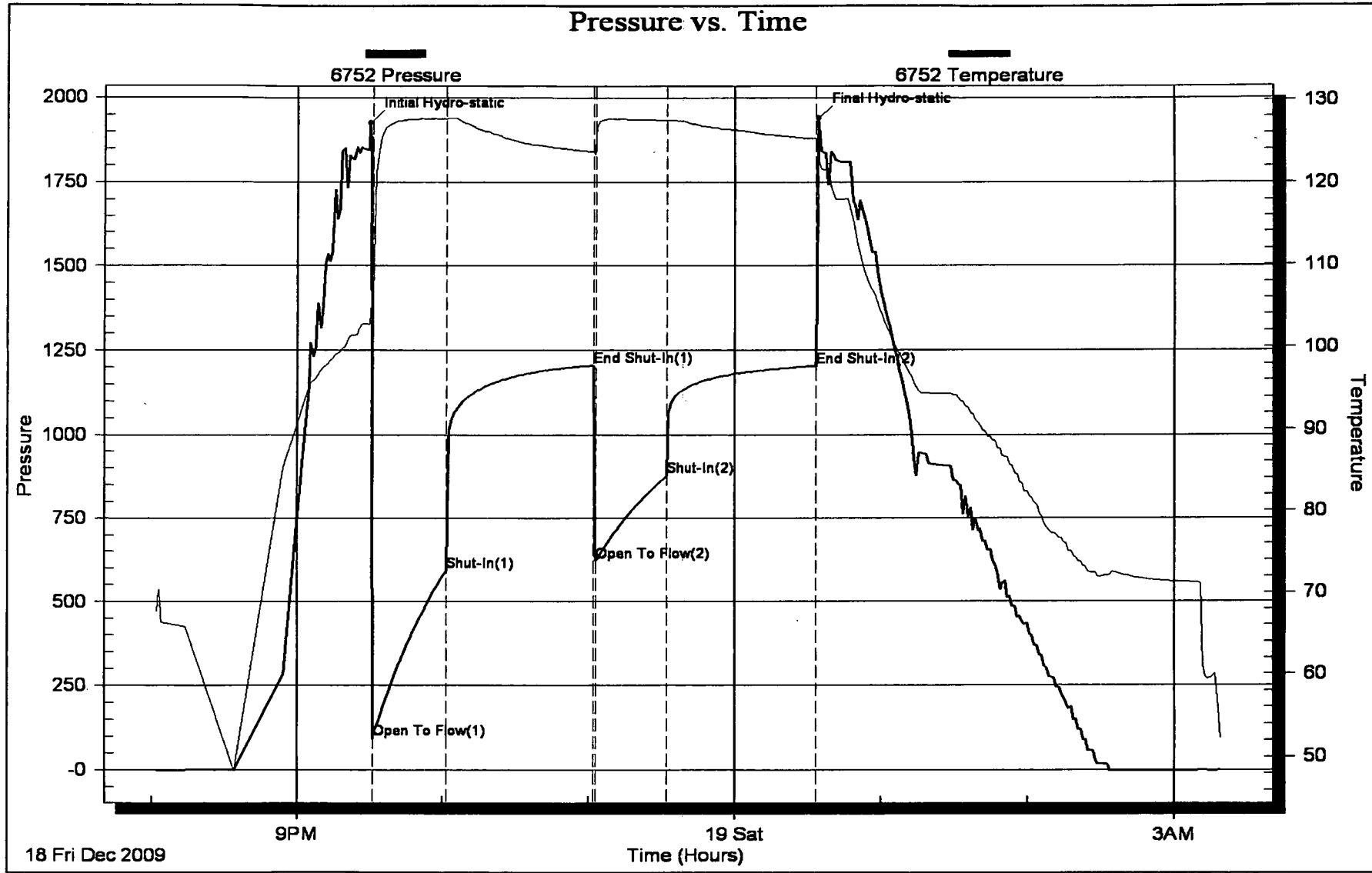
| Length ft | Description | Volume bbl |
|--------------|------------------|---------------|
| 1700.00 | mcsw 30% m 70%sw | 23.027 |
| 250.00 | mcsw 5% m 95 %sw | 3.507 |
| 0.00 | API=0 | 0.000 |

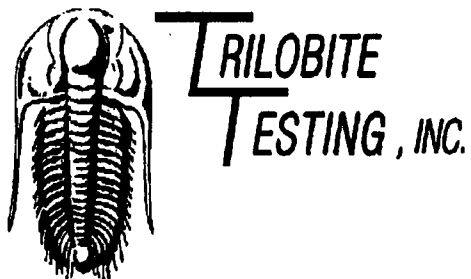
Total Length: 1950.00 ft Total Volume: 26.534 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: Rw = 31.9' @ 1.1 res = 15000 chlorides





DRILL STEM TEST REPORT

Prepared For: **IA Operating, Inc.**

9915 West 21st Street North
Suite B
Wichita, KS. 67205

ATTN: Steve Miller

29 8S 27WSheridan KS

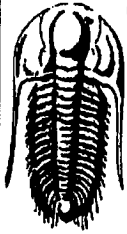
Jamison Family Trust 29-1

Start Date: 2009.12.19 @ 10:26:05

End Date: 2009.12.19 @ 15:14:29

Job Ticket #: 37914 DST #: 3

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
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DRILL STEM TEST REPORT

IA Operating, Inc.
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Wichita, KS. 67205
ATTN: Steve Miller

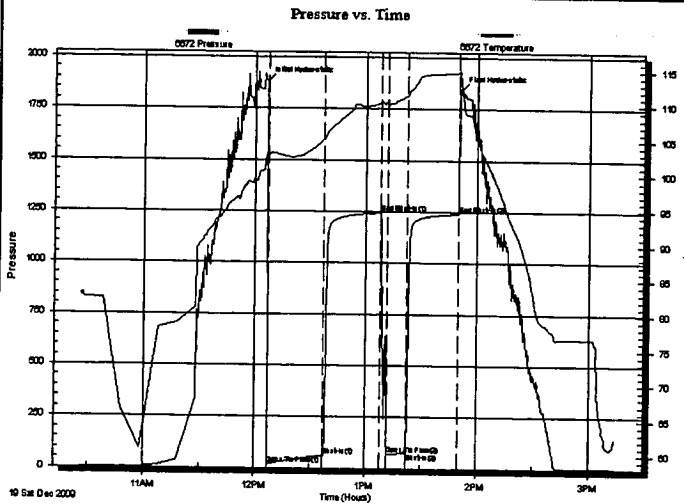
Jamison Family Trust 29-1
29 8S 27WSheridan KS
Job Ticket: 37914 **DST#: 3**
Test Start: 2009.12.19 @ 10:26:05

GENERAL INFORMATION:

Formation: **Lansing D**
Deviated: **No** Whipstock: ft (KB)
Time Tool Opened: 12:07:00
Time Test Ended: 15:14:29
Interval: **3816.00 ft (KB) To 3836.00 ft (KB) (TVD)**
Total Depth: **3836.00 ft (KB) (TVD)**
Hole Diameter: **7.80 inches** Hole Condition: **Good**
Test Type: **Conventional Bottom Hole**
Tester: **Mike Roberts**
Unit No: **38**
Reference Elevations: **2611.00 ft (KB)**
2606.00 ft (CF)
KB to GR/CF: **5.00 ft**

Serial #: 6672 **Inside**
Press@RunDepth: **73.56 psig @ 3817.00 ft (KB)**
Start Date: **2009.12.19** End Date: **2009.12.19**
Start Time: **10:26:05** End Time: **15:14:29**
Capacity: **8000.00 psig**
Last Calib.: **2009.12.19**
Time On Btm: **2009.12.19 @ 12:06:30**
Time Off Btm: **2009.12.19 @ 13:51:30**

TEST COMMENT: IF: Built to 3/4" blow
IS: no return
FF: Built to 1/2" blow
FS: no return



PRESSURE SUMMARY

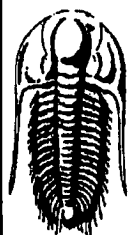
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1880.18 | 103.27 | Initial Hydro-static |
| 1 | 18.50 | 102.62 | Open To Flow (1) |
| 31 | 60.53 | 105.21 | Shut-in(1) |
| 62 | 1244.19 | 110.50 | End Shut-in(1) |
| 65 | 71.66 | 110.20 | Open To Flow (2) |
| 76 | 73.56 | 111.42 | Shut-in(2) |
| 104 | 1240.25 | 114.76 | End Shut-in(2) |
| 105 | 1842.18 | 113.28 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|------------------|--------------|
| 110.00 | mcsW 45 %m 55%sw | 0.72 |
| 0.00 | API= 0 | 0.00 |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

IA Operating, Inc.
9915 West 21st Street North
Suite B
Wichita, KS. 67205
ATTN: Steve Miller

Jamison Family Trust 29-1
29 8S 27WSheridan KS
Job Ticket: 37914 **DST#: 3**
Test Start: 2009.12.19 @ 10:26:05

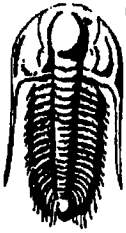
Tool Information

| | | | | |
|---------------------------|--------------------|-------------------------|-------------------|------------------------------------|
| Drill Pipe: | Length: 3710.00 ft | Diameter: 3.80 inches | Volume: 52.04 bbl | Tool Weight: 1500.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight set on Packer: 25000.00 lb |
| Drill Collar: | Length: 90.00 ft | Diameter: 2.25 inches | Volume: 0.44 bbl | Weight to Pull Loose: 60000.00 lb |
| | | Total Volume: 52.48 bbl | | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 4.00 ft | | | String Weight: Initial 54000.00 lb |
| Depth to Top Packer: | 3816.00 ft | | | Final 56000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 20.00 ft | | | |
| Tool Length: | 40.00 ft | | | |
| Number of Packers: | 2 | Diameter: 6.75 inches | | |

Tool Comments:

Tool Description

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|---------------------------|--------------|------------|----------|------------|------------------------------------|
| Shut In Tool | 5.00 | | | 3801.00 | |
| Hydraulic tool | 5.00 | | | 3806.00 | |
| Packer | 5.00 | | | 3811.00 | 20.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 3816.00 | |
| Stubb | 1.00 | | | 3817.00 | |
| Recorder | 0.00 | 6672 | Inside | 3817.00 | |
| Recorder | 0.00 | 6752 | Inside | 3817.00 | |
| Perforations | 16.00 | | | 3833.00 | |
| Bullnose | 3.00 | | | 3836.00 | 20.00 Bottom Packers & Anchor |
| Total Tool Length: | 40.00 | | | | |



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

IA Operating, Inc.

Jamison Family Trust 29-1

9915 West 21st Street North
Suite B
Wichita, KS. 67205
ATTN: Steve Miller

29 8S 27WSheridan KS
Job Ticket: 37914 **DST#: 3**
Test Start: 2009.12.19 @ 10:26:05

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 56.00 sec/qt
Water Loss: 7.97 in³
Resistivity: 0.00 ohm.m
Salinity: 1800.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig
Oil API: 0 deg API
Water Salinity: 50000 ppm

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|------------------|---------------|
| 110.00 | mcsw 45 %m 55%sw | 0.723 |
| 0.00 | AP= 0 | 0.000 |

Total Length: 110.00 ft Total Volume: 0.723 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW=53.4' @ 222=50,000 chlorides

