



CLOSURE OF SURFACE PIT

| | |
|--|---|
| Operator Name: | License Number: |
| Operator Address: | |
| Contact Person: | Phone Number: () - |
| Permit Number <i>(API No. if applicable)</i> : | Lease Name & Well No.: |
| Type of Pit: <input type="checkbox"/> Emergency Pit <input type="checkbox"/> Burn Pit <input type="checkbox"/> Settling Pit <input type="checkbox"/> Drilling Pit <input type="checkbox"/> Workover Pit <input type="checkbox"/> Haul-Off Pit | Pit Location (QQQQ): _____ - _____ - _____ - _____ Sec. _____ Twp. _____ R. _____ <input type="checkbox"/> East <input type="checkbox"/> West _____ Feet from <input type="checkbox"/> North / <input type="checkbox"/> South Line of Section _____ Feet from <input type="checkbox"/> East / <input type="checkbox"/> West Line of Section _____ County |
| Date of closure: _____ | |
| Was an artificial liner used? <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| If no, how were the sides and bottom sealed to prevent downward migration of the pit contents? | |
| Abandonment procedure of pit: | |

Submitted Electronically

ALLIED OIL & GAS SERVICES, LLC 055587

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Russell KS

| | | | | | | | |
|---|----------------|-------------------------------------|-----------------|---------------------|-----------------|--------------------------|----------------------------|
| DATE <u>12-11-14</u> | SEC. <u>23</u> | TWP. <u>12</u> | RANGE <u>21</u> | CALLED OUT | ON LOCATION | JOB START <u>9:30 PM</u> | JOB FINISH <u>10:00 PM</u> |
| LEASE <u>Baughman</u> WELL# <u>4-29</u> | | LOCATION <u>I-70-Rigs Rd-4N 12E</u> | | COUNTY <u>Trego</u> | STATE <u>KS</u> | | |
| OLD OR NEW (Circle one) <u>NEW</u> | | Sinto | | | | | |

CONTRACTOR Discovery 2

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 221

CASING SIZE 8 5/8 23" DEPTH 220

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT KJ

CEMENT LEFT IN CSG. 15

PERFS.

DISPLACEMENT 13

OWNER

CEMENT

AMOUNT ORDERED 150 con 32acc 29gal.

| | | | | |
|----------|------------|---|--------------|----------------|
| COMMON | <u>150</u> | @ | <u>17.90</u> | <u>2685.00</u> |
| POZMIX | | @ | | |
| GEL | <u>282</u> | @ | <u>0.50</u> | <u>141.00</u> |
| CHLORIDE | <u>423</u> | @ | <u>1.10</u> | <u>465.30</u> |
| ASC | | @ | | |

EQUIPMENT

PUMP TRUCK CEMENTER Robert Y

417 HELPER Danny S Tracy J

BULK TRUCK

410 DRIVER Jon P

BULK TRUCK

DRIVER

| | | | |
|-----------------------|---|----------------|----------------|
| <u>Material</u> | @ | | <u>3291.30</u> |
| <u>Disc</u> | @ | <u>1151.96</u> | |
| HANDLING <u>150</u> | @ | <u>2.48</u> | <u>372.00</u> |
| MILEAGE <u>176.25</u> | | <u>2.75</u> | <u>484.69</u> |
| TOTAL | | | <u>4447.99</u> |

REMARKS:

See log

Cement did circulate to surface

Thank you!!!

CHARGE TO: Korea Investments, Inc

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

| | | | |
|-------------------------|----------------|-------------|----------------|
| DEPTH OF JOB | <u>221</u> | | |
| PUMP TRUCK CHARGE | <u>1512.25</u> | | |
| EXTRA FOOTAGE | @ | | |
| MILEAGE <u>25 LV 12</u> | @ | <u>4.40</u> | <u>110.00</u> |
| MANIFOLD | @ | | |
| <u>2.5 HV 12</u> | @ | <u>7.70</u> | <u>192.50</u> |
| TOTAL | | | <u>2671.44</u> |
| <u>Disc 935.00</u> | | | <u>1814.75</u> |

PLUG & FLOAT EQUIPMENT

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

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cement 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 Terry Wickham

SIGNATURE [Signature]

SALES TAX (if Any) _____

TOTAL CHARGES 2962.74

DISCOUNT 2086.96 35% IF PAID IN 30 DAYS

net \$3875.78

CUSTOMER *Waco Oil Co* WELL NO. *A 4-29* LEASE *Bougher* JOB TYPE *Longstring* TICKET NO. *26920*

| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL) (GAL) | PUMPS | | PRESSURE (PSI) | | DESCRIPTION OF OPERATION AND MATERIALS |
|-----------|------------------------|------------|--------------------|-------|---|--|--------|---|
| | | | | T | C | TUBING | CASING | |
| | <i>2300</i> | | | | | | | <i>07/0c w/FE</i> |
| | | | | | | | | <i>RTD 4092'</i> <i>5 1/2" x 14# x 4092' x 44'</i> <i>Cent 2,4,5,55</i> <i>Back 56</i> <i>P.C. 56 @ 1720'</i> |
| | <i>0130</i> | | | | | | | <i>start FE</i> |
| | <i>0340</i> | | | | | | | <i>Break Circ</i> |
| | <i>0415</i> | | | | | | | <i>Plug RH+MH</i> |
| | <i>0435</i> | | <i>0</i> | | | | | <i>start 500gal Mud flush</i> |
| | <i>0435</i> | | <i>12/0</i> | | | | | <i>start 20 bbl KCL flush</i> |
| | <i>0440</i> | | <i>20/0</i> | | | | | <i>start 155s ks std cent</i> |
| | <i>0447</i> | | <i>33</i> | | | | | <i>End Cement</i> <i>Wash P/L</i> <i>Drop L.D Plug</i> |
| | <i>0453</i> | <i>6</i> | <i>0</i> | | | <i>200</i> | | <i>start Displacement</i> |
| | <i>0503</i> | <i>5</i> | <i>64</i> | | | <i>250</i> | | <i>Catch Cent</i> |
| | <i>0510</i> | | <i>99</i> | | | <i>250</i> <i>446</i> | | <i>Land Plug</i> <i>Release Pressure</i> <i>Float Held</i> |

Thank you

Nick, David E., Austin & Jared



PO Box 466
Ness City, KS 67560
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 26920

CUSTOMER *Deren Investments*
Texas Oil Co

WELL # *4-29 Bang 10-A* "A"
DATE *12-17-14* PAGE *2* OF *2*

| PRICE REFERENCE | SECONDARY REFERENCE/ PART NUMBER | ACCOUNTING | | | TIME | DESCRIPTION | CUBIC FEET | | TON MILES | | UNIT PRICE | AMOUNT |
|----------------------------------|-------------------------------------|------------|------|----|------|-----------------------|----------------|-----|------------|-----|--------------------|----------------|
| | | LOC | ACCT | DF | | | QTY | U/M | QTY | U/M | | |
| <i>325</i> | | <i>2</i> | | | | <i>Staddid Cement</i> | <i>200 sks</i> | | | | <i>14.50</i> | <i>2900.00</i> |
| <i>280</i> <i>283</i> | | <i>2</i> | | | | <i>Salt</i> | <i>850 #</i> | | | | <i>20</i> | <i>170.00</i> |
| <i>581</i> | | <i>2</i> | | | | | | | | | <i>2.00</i> | <i>400.00</i> |
| <i>583</i> | | <i>2</i> | | | | | | | | | <i>1.00</i> | <i>393.00</i> |
| | | | | | | SEVICE CHARGE | | | | | | |
| | | | | | | MILEAGE CHARGE | | | | | | |
| | | | | | | TOTAL WEIGHT | <i>2005 kS</i> | | | | | |
| | | | | | | LOADED MILES | <i>410</i> | | | | | |
| | | | | | | TOTAL MILES | | | <i>393</i> | | | |
| | | | | | | | | | | | CONTINUATION TOTAL | <i>3863.01</i> |



Services, Inc.

CHARGE TO: James Pitts
 ADDRESS: Sharon Investments
 CITY, STATE, ZIP CODE

TICKET 26920

PAGE 1 OF 2

1. SERVICE LOCATIONS: Hayes, KS
 2. Ness City, KS
 3. TICKET TYPE: SERVICE
 SALES
 WELL TYPE: Discovey Drig #2
 WELL CATEGORY: Development
 RIG NAME: Baugher A
 COUNTY/PARISH: Ellis
 STATE: KS
 CITY: Location
 DATE: 12-17-14
 ORDER NO.: Same
 OWNER: Same

| PRICE REFERENCE | SECONDARY REFERENCE/ PART NUMBER | ACCOUNTING | | | DESCRIPTION | QTY. | UM | QTY. | UM | UNIT PRICE | AMOUNT |
|-----------------|----------------------------------|------------|------|----|---------------------------|------|-----|--------|----|------------|---------|
| | | LOC | ACCT | DF | | | | | | | |
| 575 | | 1 | | | MILEAGE #111 | 40 | mi | | | 6.00 | 240.00 |
| 578 | | 1 | | | Pump Charge (Longstring) | 1 | ea | 4092' | | 1500.00 | 1500.00 |
| 221 | | 1 | | | KCB | 2 | gal | | | 25.00 | 50.00 |
| 281 | | 1 | | | Mud Plask | 500 | gal | | | 1.25 | 625.00 |
| 290 | | 1 | | | D-Air | 2 | gal | | | 42.00 | 84.00 |
| 402 | | 1 | | | Centralizers | 4 | ea | 5 1/2" | | 70.00 | 280.00 |
| 403 | | 1 | | | Basket | 1 | ea | | | 300.00 | 300.00 |
| 404 | | 1 | | | Port Collar | 1 | ea | | | 2900.00 | 2900.00 |
| 406 | | 1 | | | LD Plug Back | 1 | ea | | | 275.00 | 275.00 |
| 409 | | 1 | | | Insert Flange Shoe w/ Ell | 1 | ea | | | 375.00 | 375.00 |

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

START OF WORK OR DELIVERY OF GOODS: 12-18-14

DATE SIGNED: 12-18-14 TIME SIGNED: A.M. P.M.

SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY: OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? WE UNDERSTOOD AND MET YOUR NEEDS? OUR SERVICE WAS PERFORMED WITHOUT DELAY? WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? ARE YOU SATISFIED WITH OUR SERVICE? YES NO

REMIT PAYMENT TO: Subtotal

PAGE TOTAL: 6629.00

TOTAL: 11,021.22

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR: [Signature] APPROVAL: [Signature]

Thank You

GLOBAL CEMENTING, L.L.C.

1574

REMIT TO 18048 170RD
RUSSELL, KS 67665

SERVICE POINT: Russell, KS

| DATE | SEC. | TWP. | RANGE | CALLED OUT | ON LOCATION | JOB START | JOB FINISH |
|--|---------------------|----------|-------|------------|-------------|-------------------|-----------------|
| 12-29-14 | "A" | | | | | | |
| LEASE # <u>BAYGHER</u> | WELL #. <u>4-29</u> | LOCATION | | | | COUNTY <u>LIN</u> | STATE <u>KS</u> |
| <input checked="" type="checkbox"/> OLD OR <input type="checkbox"/> NEW (CIRCLE ONE) | | | | | | | |

CONTRACTOR Western Well Serv
 TYPE OF JOB Port Collar
 HOLE SIZE _____ T.D. _____
 CASING SIZE 5 1/2 DEPTH _____
 TUBING SIZE 2 7/8 DEPTH 1750
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX 1000 psi. MINIMUM 100 psi.
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS _____
 DISPLACEMENT 8 bbl
 EQUIPMENT _____

PUMP TRUCK CEMENTER Heath - Brad
 # P1 HELPER Bud
 BULK TRUCK _____
 # B3 DRIVER Mark
 BULK TRUCK _____
 # _____ DRIVER _____

REMARKS:

ran tubing down to 1750' and found PC pressure up backside to 1000 psi - held - open port collar and est circulation - mix 275 sy and cement circulated - disp 8 bbl H2O - close port collar and test to 1000 psi - held - run 5 sts and wash clean - come out of hole plug RT = 10 sy MH = 5 sy

CHARGE TO: KORON INVESTMENTS INC.
 STREET BOX 981
 CITY HAYS STATE KS ZIP 67601

Global Cementing, L.L.C.,
 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 Terry W. Piestker
 SIGNATURE Terry W. Piestker

OWNER _____
 CEMENT AMOUNT ORDERED 275 sy 60/40 6% gel
290cc

COMMON _____ @ _____
 POZMIX _____ @ _____
 GEL _____ @ _____
 CHLORIDE _____ @ _____
 ASC _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING _____ @ _____
 MILEAGE _____ @ _____

SERVICE

DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____
 EXTRA FOOTAGE _____ @ _____
 MILEAGE 16 @ _____
 MANIFOLD _____ @ _____
 _____ @ _____

PLUG & FLOAT EQUIPMENT

_____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____

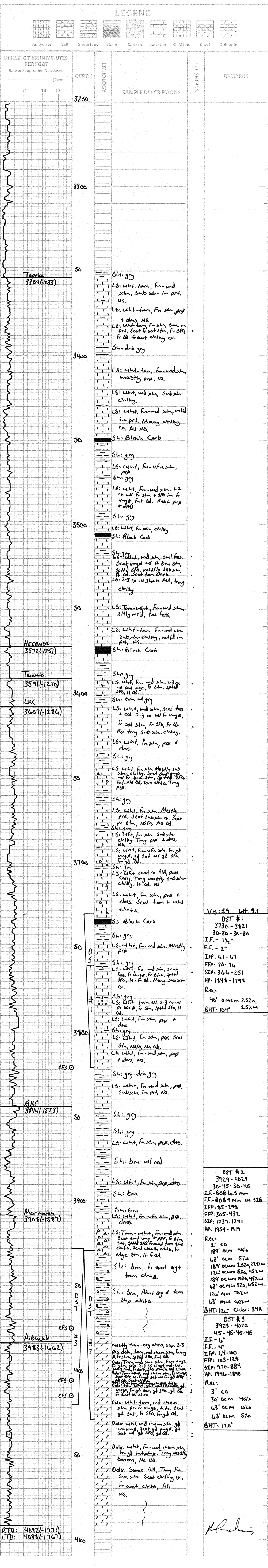
SALES TAX (If Any) _____
 TOTAL CHARGES _____
 DISCOUNT _____ IF PAID IN 30 DAYS

| | | | |
|--|---|--|--|
| Marc A. Downing Consulting Petroleum Geologist | | Geologic Report Drilling Time and Sample Log | |
| Operator Koron Investments, Inc. Lease Baughner A | No. 4-29 Elevation 2321 DF 2313 GL | Casing Record Surface 8 5/8" @ 221' Production 5 1/2" @ 4091' Electrical Survey's CNDL, DII, MEL | |
| Field Ellys NW Location 1870' FNL & 2640' FWL Sec. 23 Twp. 12S Rge. 21W | State Kansas Sample tops NA Log Tops 1705 Datum +666 Structure Comp NA | Formation NA Top Anhydrite NA Base Anhydrite 1782 Topka 3154 Heebner 3172 Toronto 3591 LKC 3601 BKC 3844 Marmaton 3908 Arbuckle 3983 Total Depth 4092 | |
| Reference Well For Structural Comparison Simon D Angle Baughner #1 100' W. C.E.2-SE.NW | | Sec. 23-12-21W | |

| | |
|---|---|
| Drilling Contractor Completed 12-11-14 Samples Saved From 3350 Drilling Time Kept From 3250 Samples Examined From 3350 Geological Supervision From 3250 | Discovery Drilling Rig #2 To RTD To RTD To RTD To RTD |
|---|---|

Summary and Recommendations
 Due to structural position, DST recovery, and log evaluation, it was decided to set 5 1/2" production casing for completion in the Arbuckle.
 Perforate:
 Arbuckle: 4021-4024 (DST #2 - Squeeze It wet)
 4009-4013 (DST #3)
 4001-4006 (DST #3)
 LKC I: 3789-3793 (DST #1 - Before abandonment)
 3586-3590 (Before abandonment)
 Toronto:

Marc A. Downing
 Respectfully Submitted,



M.A. Downing



DRILL STEM TEST REPORT

Prepared For: **Koron Investments Inc.**

P.O. Box 981
Hays, KS 67601

ATTN: Mark Downing

Baughner A #4-29

23-12s-21w-Trego,KS

Start Date: 2014.12.15 @ 14:00:00

End Date: 2014.12.15 @ 20:54:00

Job Ticket #: 60421 DST #: 1

Trilobite Testing, Inc

1515 Commerce Parkway Hays, KS 67601

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

Printed: 2014.12.19 @ 10:35:37

Koron Investments Inc. 23-12s-21w-Trego,KS Baughner A #4-29 DST # 1 LKC "H-K" 2014.12.15



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Koron Investments Inc.

23-12s-21w-Trego, KS

P.O. Box 981
Hays, KS 67601

Baughner A #4-29

Job Ticket: 60421 DST#: 1

ATTN: Mark Downing

Test Start: 2014.12.15 @ 14:00:00

GENERAL INFORMATION:

Formation: **LKC "H-K"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:02:30

Time Test Ended: 20:54:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Shane Konzem

Unit No: 56

Interval: 3730.00 ft (KB) To 3821.00 ft (KB) (TVD)

Total Depth: 3821.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2313.00 ft (KB)

2307.00 ft (CF)

KB to GR/CF: 6.00 ft

Serial #: 6806 Inside

Press@RunDepth: 76.52 psig @ 3817.08 ft (KB)

Start Date: 2014.12.15 End Date: 2014.12.15

Start Time: 14:01:00 End Time: 20:54:00

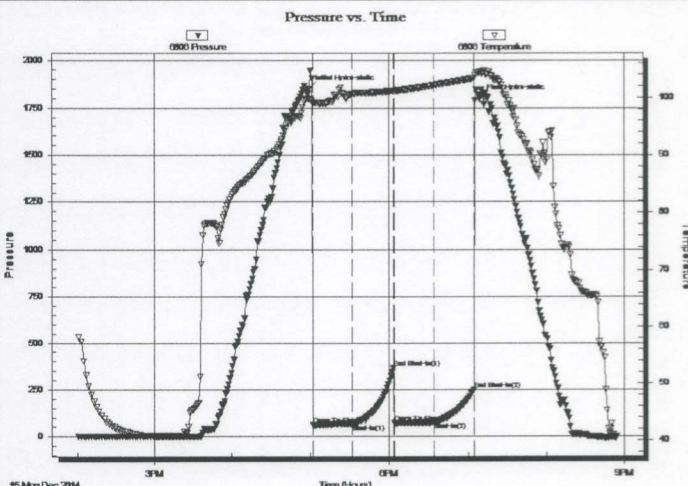
Capacity: 8000.00 psig

Last Calib.: 2014.12.15

Time On Btm: 2014.12.15 @ 16:59:30

Time Off Btm: 2014.12.15 @ 19:09:30

TEST COMMENT: IFP 30 Minutes. Weak blow built to 1 1/2" into bucket of deisel.
ISI 30 Minutes. No blow back.
FFP 30 Minutes. Weak blow built to 2"
FSI 30 Minutes. No blow back.



PRESSURE SUMMARY

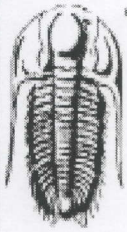
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1848.93 | 99.90 | Initial Hydro-static |
| 3 | 61.27 | 98.97 | Open To Flow (1) |
| 33 | 67.84 | 100.70 | Shut-In(1) |
| 64 | 366.69 | 101.26 | End Shut-In(1) |
| 65 | 70.71 | 101.24 | Open To Flow (2) |
| 95 | 76.52 | 102.21 | Shut-In(2) |
| 125 | 251.52 | 103.39 | End Shut-In(2) |
| 130 | 1798.66 | 104.44 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------------------------------|--------------|
| 40.00 | SOWCM 2.5% oil, 2.5% water, 95% mud | 0.20 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Koron Investments Inc.

23-12s-21w-Trego,KS

P.O. Box 981
Hays, KS 67601

Baughner A #4-29

Job Ticket: 60421

DST#: 1

ATTN: Mark Downing

Test Start: 2014.12.15 @ 14:00:00

GENERAL INFORMATION:

Formation: **LKC "H-K"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:02:30

Time Test Ended: 20:54:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Shane Konzem

Unit No: 56

Interval: **3730.00 ft (KB) To 3821.00 ft (KB) (TVD)**

Total Depth: 3821.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2313.00 ft (KB)

2307.00 ft (CF)

KB to GR/CF: 6.00 ft

Serial #: 8159 Outside

Press@RunDepth: 257.49 psig @ 3818.08 ft (KB)

Start Date: 2014.12.15 End Date: 2014.12.15

Start Time: 14:01:00 End Time: 20:55:00

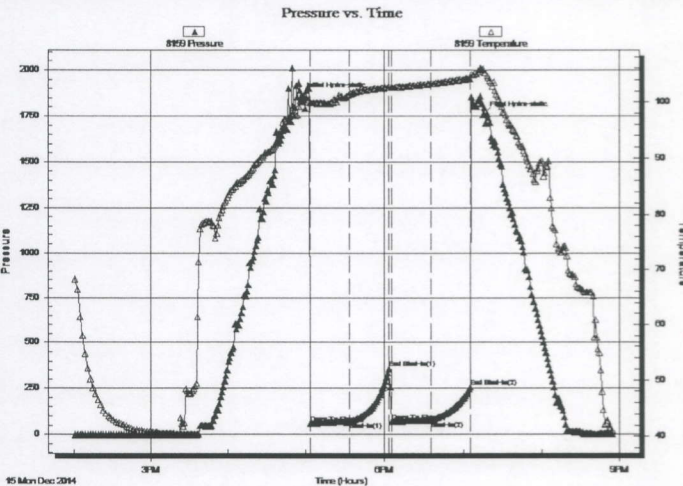
Capacity: 8000.00 psig

Last Calib.: 2014.12.15

Time On Btm: 2014.12.15 @ 16:56:30

Time Off Btm: 2014.12.15 @ 19:15:30

TEST COMMENT: IFP 30 Minutes. Weak blow built to 1 1/2" into bucket of deisel.
ISI 30 Minutes. No blow back.
FFP 30 Minutes. Weak blow built to 2"
FSI 30 Minutes. No blow back.



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1857.02 | 100.62 | Initial Hydro-static |
| 7 | 57.08 | 99.91 | Open To Flow (1) |
| 37 | 67.19 | 101.38 | Shut-In(1) |
| 67 | 358.73 | 102.65 | End Shut-In(1) |
| 69 | 68.35 | 102.60 | Open To Flow (2) |
| 99 | 76.25 | 103.27 | Shut-In(2) |
| 129 | 257.49 | 104.20 | End Shut-In(2) |
| 139 | 1757.11 | 105.75 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------------------------------|--------------|
| 40.00 | SOWCM 2.5% oil, 2.5% water, 95% mud | 0.20 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Koron Investments Inc.

23-12s-21w-Trego, KS

P.O. Box 981
Hays, KS 67601

Baughter A #4-29

Job Ticket: 60421

DST#: 1

ATTN: Mark Downing

Test Start: 2014.12.15 @ 14:00:00

Tool Information

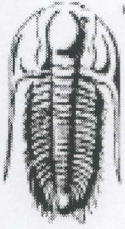
| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 3411.00 ft | Diameter: 3.80 inches | Volume: 47.85 bbl | Tool Weight: 2000.00 lb |
| Heavy Wt. Pipe: | Length: 310.11 ft | Diameter: 2.25 inches | Volume: 1.53 bbl | Weight set on Packer: 20000.00 lb |
| Drill Collar: | Length: 0.00 ft | Diameter: 2.25 inches | Volume: 0.00 bbl | Weight to Pull Loose: 62000.00 lb |
| | | | <u>Total Volume: 49.38 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 11.11 ft | | | String Weight: Initial 57000.00 lb |
| Depth to Top Packer: | 3730.00 ft | | | Final 57000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 91.08 ft | | | |
| Tool Length: | 111.08 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 | | | 3715.00 | |
| Hydraulic tool | 5.00 | | | 3720.00 | |
| Packer | 5.00 | | | 3725.00 | 20.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 3730.00 | |
| Anchor | 5.00 | | | 3735.00 | |
| Change Over Sub | 0.75 | | | 3735.75 | |
| Drill Pipe | 62.58 | | | 3798.33 | |
| Change Over Sub | 0.75 | | | 3799.08 | |
| Anchor | 17.00 | | | 3816.08 | |
| Recorder | 1.00 | 6806 | Inside | 3817.08 | |
| Recorder | 1.00 | 8159 | Outside | 3818.08 | |
| Bull Plug | 3.00 | | | 3821.08 | 91.08 Bottom Packers & Anchor |

Total Tool Length: 111.08



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Koron Investments Inc.

23-12s-21w-Trego,KS

P.O. Box 981
Hays, KS 67601

Baughner A #4-29

Job Ticket: 60421

DST#: 1

ATTN: Mark Downing

Test Start: 2014.12.15 @ 14:00:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 59.00 sec/qt
Water Loss: 8.38 in³
Resistivity: ohm.m
Salinity: 3500.00 ppm
Filter Cake: 0.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------------------------------|---------------|
| 40.00 | SOWCM 2.5% oil, 2.5% water, 95% mud | 0.197 |

Total Length: 40.00 ft Total Volume: 0.197 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

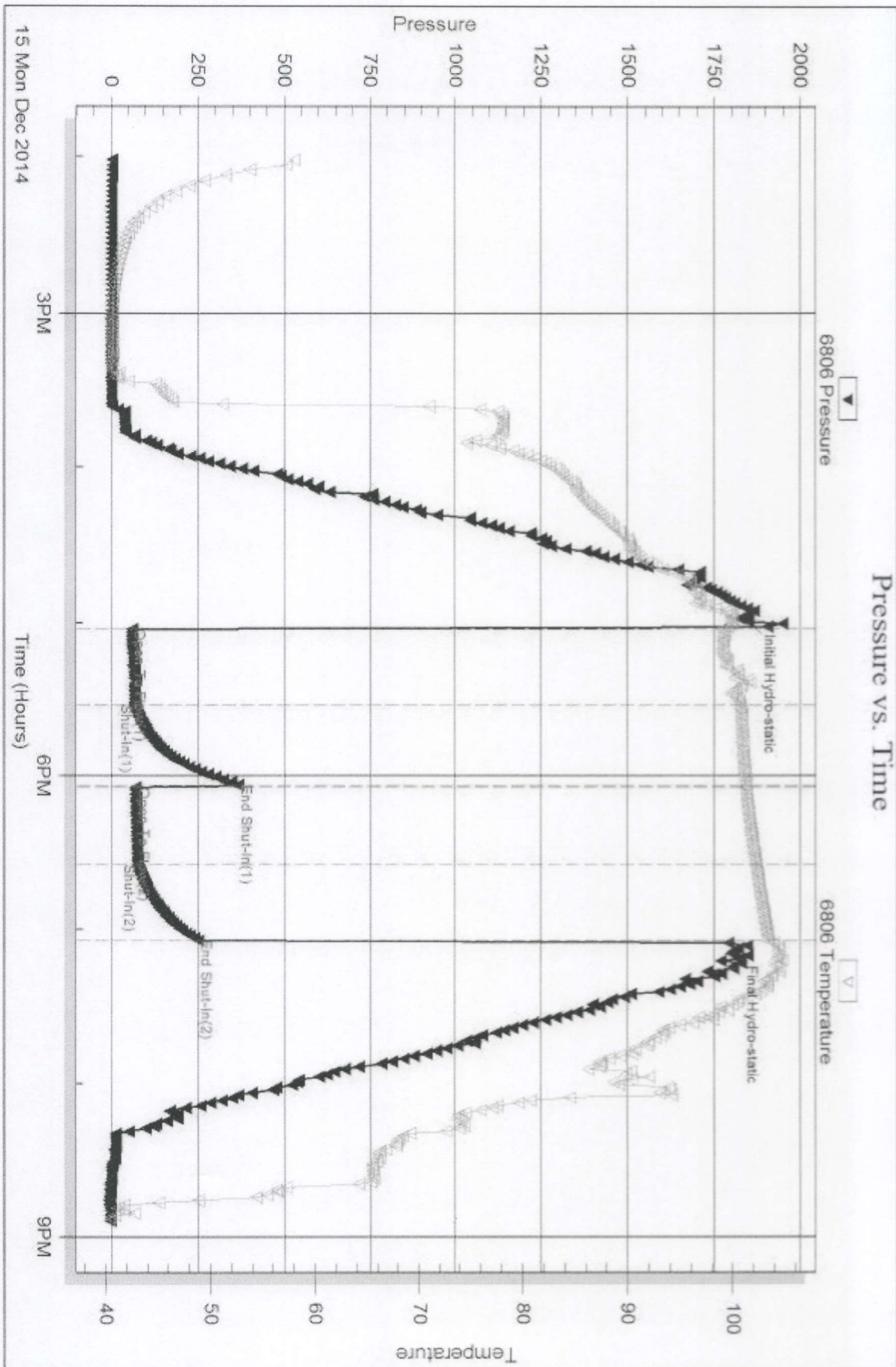
Serial #: 6806

Inside

Koron Investments Inc.

Baugher A #4-29

DST Test Number: 1



Tribble Testing, Inc

Ref. No: 60421

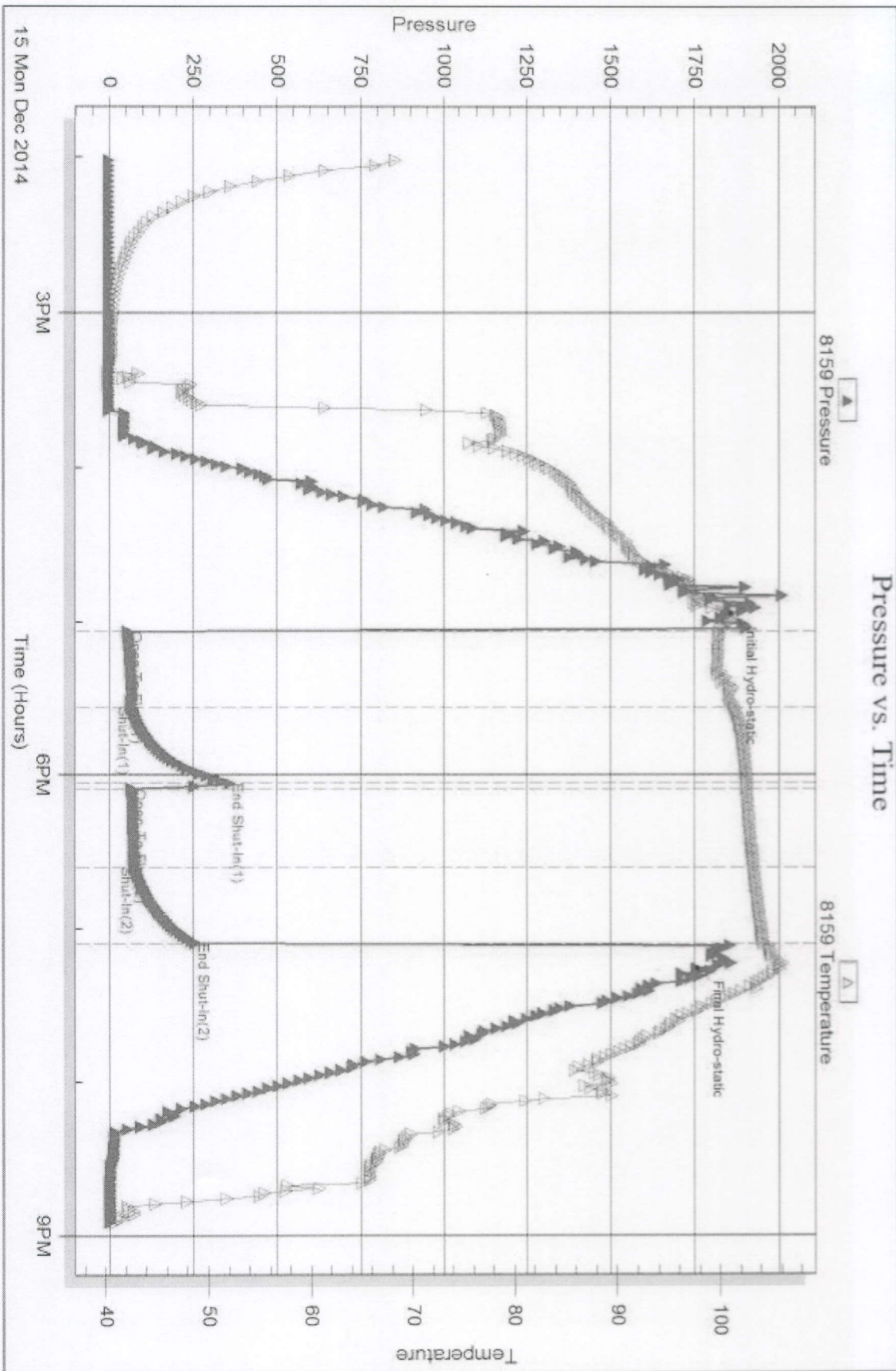
Printed: 2014.12.19 @ 10:35:38

Serial #: 8159

Outside Koron Investments Inc.

Baugher A #4-29

DST Test Number: 1





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Koron Investments Inc.**

P.O. Box 981
Hays, KS 67601

ATTN: Mark Downing

Baughner A #4-29

23-12s-21w-Trego,KS

Start Date: 2014.12.16 @ 23:12:00

End Date: 2014.12.17 @ 07:02:30

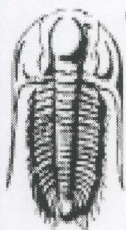
Job Ticket #: 60422 DST #: 2

Trilobite Testing, Inc

1515 Commerce Parkway Hays, KS 67601

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

Printed: 2014.12.19 @ 10:35:04



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Koron Investments Inc.

23-12s-21w-Trego, KS

P.O. Box 981
Hays, KS 67601

Baughner A #4-29

Job Ticket: 60422 DST#: 2

ATTN: Mark Downing

Test Start: 2014.12.16 @ 23:12:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:29:30

Time Test Ended: 07:02:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Shane Konzem

Unit No: 56

Interval: **3929.00 ft (KB) To 4029.00 ft (KB) (TVD)**

Total Depth: 4092.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 2313.00 ft (KB)

2307.00 ft (CF)

KB to GR/CF: 6.00 ft

Serial #: 8159 Inside

Press@RunDepth: 432.05 psig @ 4024.08 ft (KB)

Start Date: 2014.12.16 End Date: 2014.12.17

Start Time: 23:13:00 End Time: 07:02:30

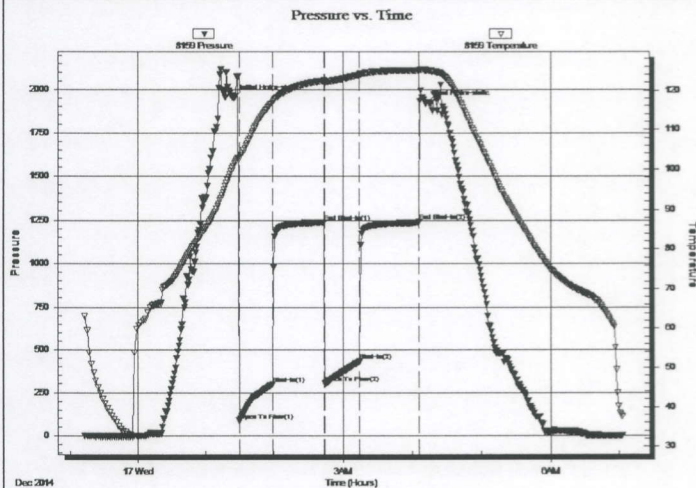
Capacity: 8000.00 psig

Last Calib.: 2014.12.17

Time On Btm: 2014.12.17 @ 01:24:30

Time Off Btm: 2014.12.17 @ 04:11:30

TEST COMMENT: IFP 30 Minutes. BOB in 6 minutes and 30 seconds.
ISI 45 Minutes. No blow back.
FFP 30 Minutes. BOB in 9 minutes.
FSI 45 Minutes. No blow back.



PRESSURE SUMMARY

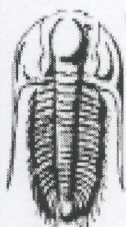
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1953.51 | 100.71 | Initial Hydro-static |
| 5 | 85.28 | 102.69 | Open To Flow (1) |
| 34 | 297.86 | 116.80 | Shut-In(1) |
| 79 | 1237.14 | 122.43 | End Shut-In(1) |
| 80 | 304.64 | 122.01 | Open To Flow (2) |
| 110 | 432.05 | 123.86 | Shut-In(2) |
| 162 | 1240.63 | 125.03 | End Shut-In(2) |
| 167 | 1918.79 | 125.06 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|---------------------------------------|--------------|
| 63.00 | MW 40% mud, 60% w ater | 0.31 |
| 126.00 | MW 30% mud, 70% w ater | 0.62 |
| 63.00 | OCMW 5% oil, 30% mud, 65% w ater | 0.31 |
| 189.00 | SOCWM 2.5% oil, 27.5% w ater, 70% Mud | 2.12 |
| 126.00 | SOCWM 5% oil, 45% w ater, 50% mud | 1.77 |
| 189.00 | OCMW 10% oil, 45% w ater, 45% mud | 2.65 |

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Koron Investments Inc.

23-12s-21w-Trego, KS

P.O. Box 981
Hays, KS 67601

Baughner A #4-29

Job Ticket: 60422 DST#: 2

ATTN: Mark Downing

Test Start: 2014.12.16 @ 23:12:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:29:30

Time Test Ended: 07:02:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Shane Konzem

Unit No: 56

Interval: **3929.00 ft (KB) To 4029.00 ft (KB) (TVD)**

Total Depth: 4092.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 2313.00 ft (KB)

2307.00 ft (CF)

KB to GR/CF: 6.00 ft

Serial #: 8524 **Outside**

Press@RunDepth: 1241.85 psig @ 4025.08 ft (KB)

Start Date: 2014.12.16

End Date: 2014.12.17

Capacity: 8000.00 psig

Last Calib.: 2014.12.17

Start Time: 23:12:01

End Time: 07:01:22

Time On Btm: 2014.12.17 @ 01:23:21

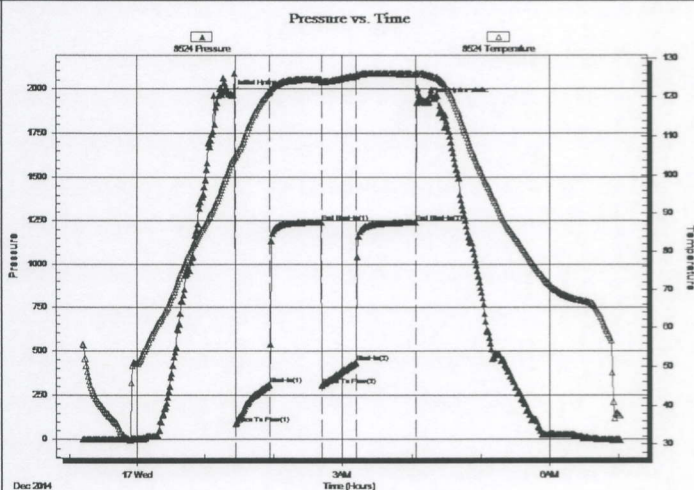
Time Off Btm: 2014.12.17 @ 04:11:29

TEST COMMENT: IFP 30 Minutes. BOB in 6 minutes and 30 seconds.

ISI 45 Minutes. No blow back.

FFP 30 Minutes. BOB in 9 minutes.

FSI 45 Minutes. No blow back.



PRESSURE SUMMARY

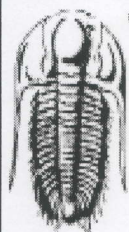
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1970.25 | 103.10 | Initial Hydro-static |
| 4 | 87.88 | 104.62 | Open To Flow (1) |
| 34 | 311.87 | 121.39 | Shut-In(1) |
| 80 | 1242.47 | 124.40 | End Shut-In(1) |
| 80 | 306.98 | 123.80 | Open To Flow (2) |
| 110 | 435.94 | 125.38 | Shut-In(2) |
| 161 | 1241.85 | 125.84 | End Shut-In(2) |
| 169 | 1927.39 | 125.78 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|--------------------------------------|--------------|
| 63.00 | MW 40% mud, 60% water | 0.31 |
| 126.00 | MW 30% mud, 70% water | 0.62 |
| 63.00 | OCMW 5% oil, 30% mud, 65% water | 0.31 |
| 189.00 | SOCWM 2.5% oil, 27.5% water, 70% Mud | 2.12 |
| 126.00 | SOCWM 5% oil, 45% water, 50% mud | 1.77 |
| 189.00 | OCMW 10% oil, 45% water, 45% mud | 2.65 |

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Koron Investments Inc.

23-12s-21w-Trego,KS

P.O. Box 981
Hays, KS 67601

Baughner A #4-29

Job Ticket: 60422

DST#: 2

ATTN: Mark Downing

Test Start: 2014.12.16 @ 23:12:00

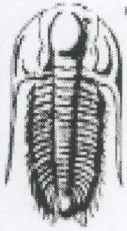
Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|-------------------------|------------------------------------|
| Drill Pipe: | Length: 3629.00 ft | Diameter: 3.80 inches | Volume: 50.91 bbl | Tool Weight: 2000.00 lb |
| Heavy Wt. Pipe: | Length: 310.11 ft | Diameter: 2.25 inches | Volume: 1.53 bbl | Weight set on Packer: 20000.00 lb |
| Drill Collar: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight to Pull Loose: 72000.00 lb |
| | | | Total Volume: 52.44 bbl | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 30.11 ft | | | String Weight: Initial 60000.00 lb |
| Depth to Top Packer: | 3929.00 ft | | | Final 61000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 163.59 ft | | | |
| Tool Length: | 183.59 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 | | | 3914.00 | |
| Hydraulic tool | 5.00 | | | 3919.00 | |
| Top Packer | 5.00 | | | 3924.00 | |
| Packer | 5.00 | | | 3929.00 | 20.00 Bottom Of Top Packer |
| Anchor | 5.00 | | | 3934.00 | |
| Change Over Sub | 0.75 | | | 3934.75 | |
| Drill Pipe | 62.58 | | | 3997.33 | |
| Change Over Sub | 0.75 | | | 3998.08 | |
| Perforations | 25.00 | | | 4023.08 | |
| Recorder | 1.00 | 8159 | Inside | 4024.08 | |
| Recorder | 1.00 | 8524 | Outside | 4025.08 | |
| Blank Off Sub | 0.75 | | | 4025.83 | 163.59 Tool Interval |
| Packer | 5.00 | | | 4030.83 | |
| Change Over Sub | 0.75 | | | 4031.58 | |
| Drill Pipe | 31.26 | | | 4062.84 | |
| Change Over Sub | 0.75 | | | 4063.59 | |
| Perforations | 25.00 | | | 4088.59 | |
| Recorder | 1.00 | 6806 | Below | 4089.59 | |
| Bullnose | 3.00 | | | 4092.59 | 1000182.59 Bottom Packers & Anchor |

Total Tool Length: 183.59



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Koron Investments Inc.

23-12s-21w-Trego,KS

P.O. Box 981
Hays, KS 67601

Baughner A #4-29

Job Ticket: 60422

DST#: 2

ATTN: Mark Downing

Test Start: 2014.12.16 @ 23:12:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 53.00 sec/qt
Water Loss: 8.78 in³
Resistivity: ohm.m
Salinity: 3500.00 ppm
Filter Cake: 0.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: 34000 ppm

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|--------------------------------------|---------------|
| 63.00 | MW 40% mud, 60% water | 0.310 |
| 126.00 | MW 30% mud, 70% water | 0.620 |
| 63.00 | OCMW 5% oil, 30% mud, 65% water | 0.310 |
| 189.00 | SOCWM 2.5% oil, 27.5% water, 70% Mud | 2.122 |
| 126.00 | SOCWM 5% oil, 45% water, 50% mud | 1.767 |
| 189.00 | OCMW 10% oil, 45% water, 45% mud | 2.651 |
| 189.00 | SOCM 5% Oil, 95% Mud | 2.651 |
| 63.00 | OCM 40% Oil, 60% Mud | 0.884 |
| 2.00 | 100% Clean oil | 0.028 |

Total Length: 1010.00 ft Total Volume: 11.343 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rW.22 at 40 degrees.

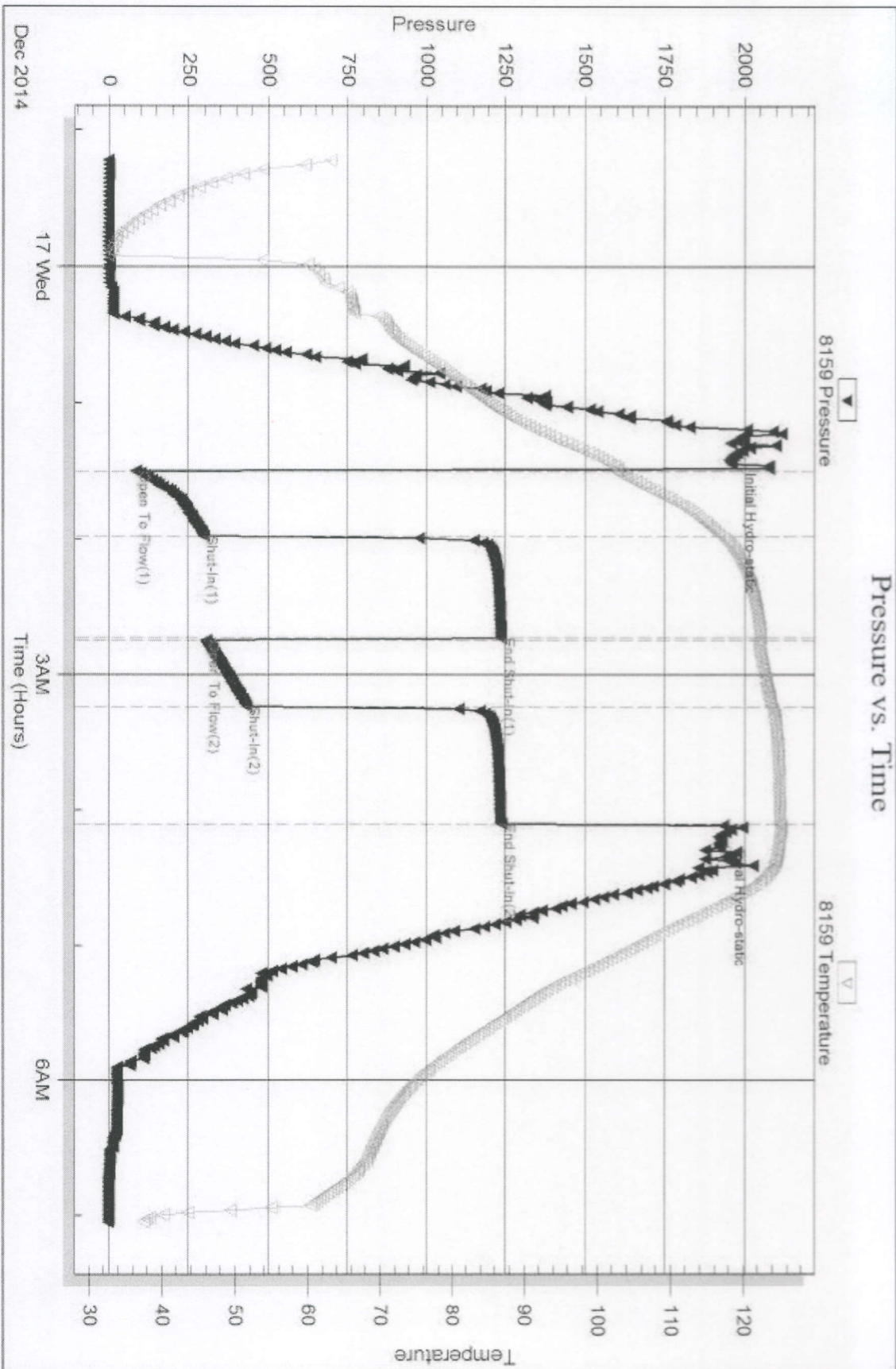
Serial #: 8159

Inside

Koron Investments Inc.

Baughner A #4-29

DST Test Number: 2



Tribble Testing, Inc

Ref. No: 60422

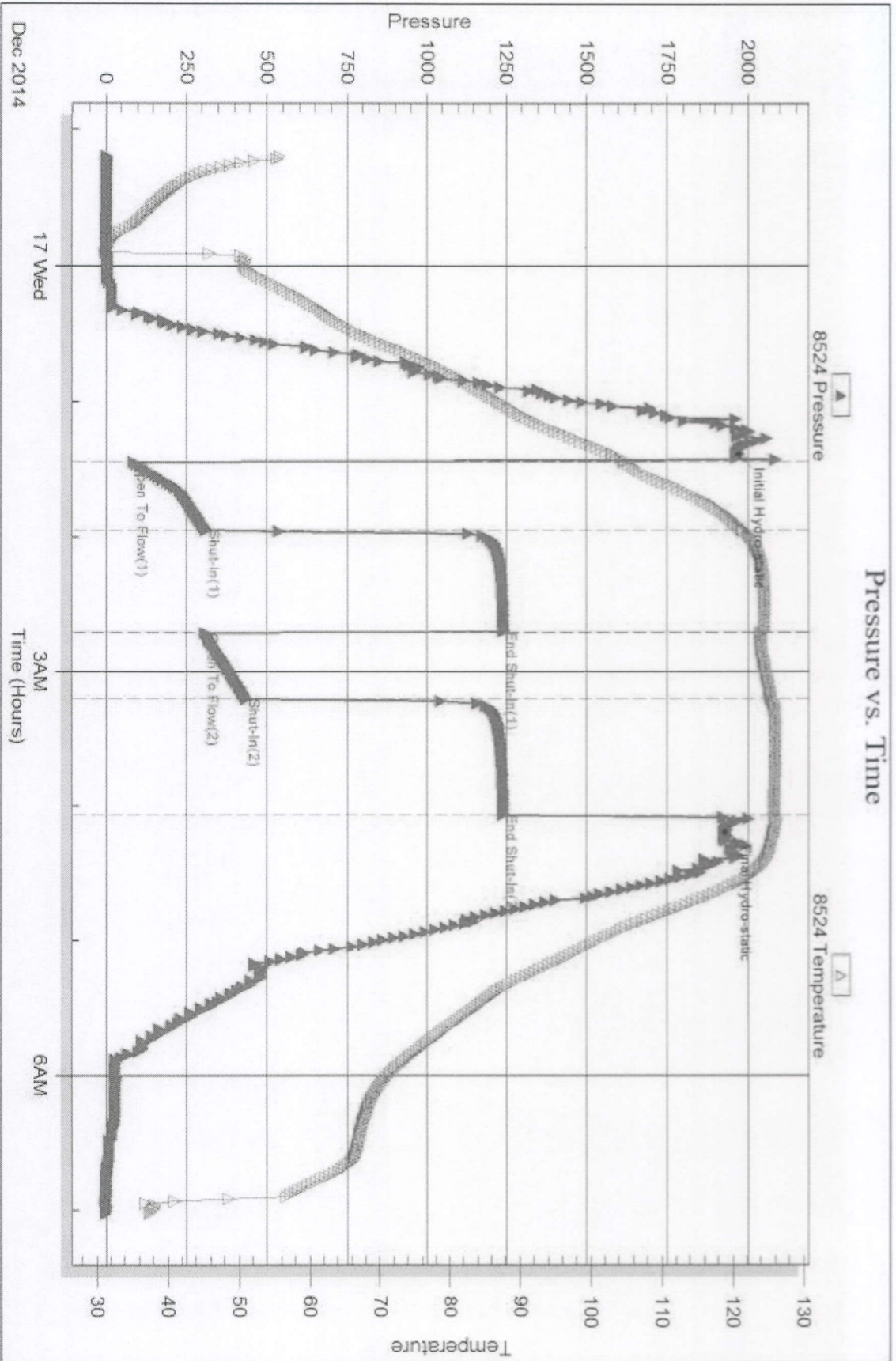
Printed: 2014.12.19 @ 10:35:05

Serial #: 8524

Outside Koron Investments Inc.

Baugher A #4-29

DST Test Number: 2



Tribble Testing, Inc

Ref. No: 60422

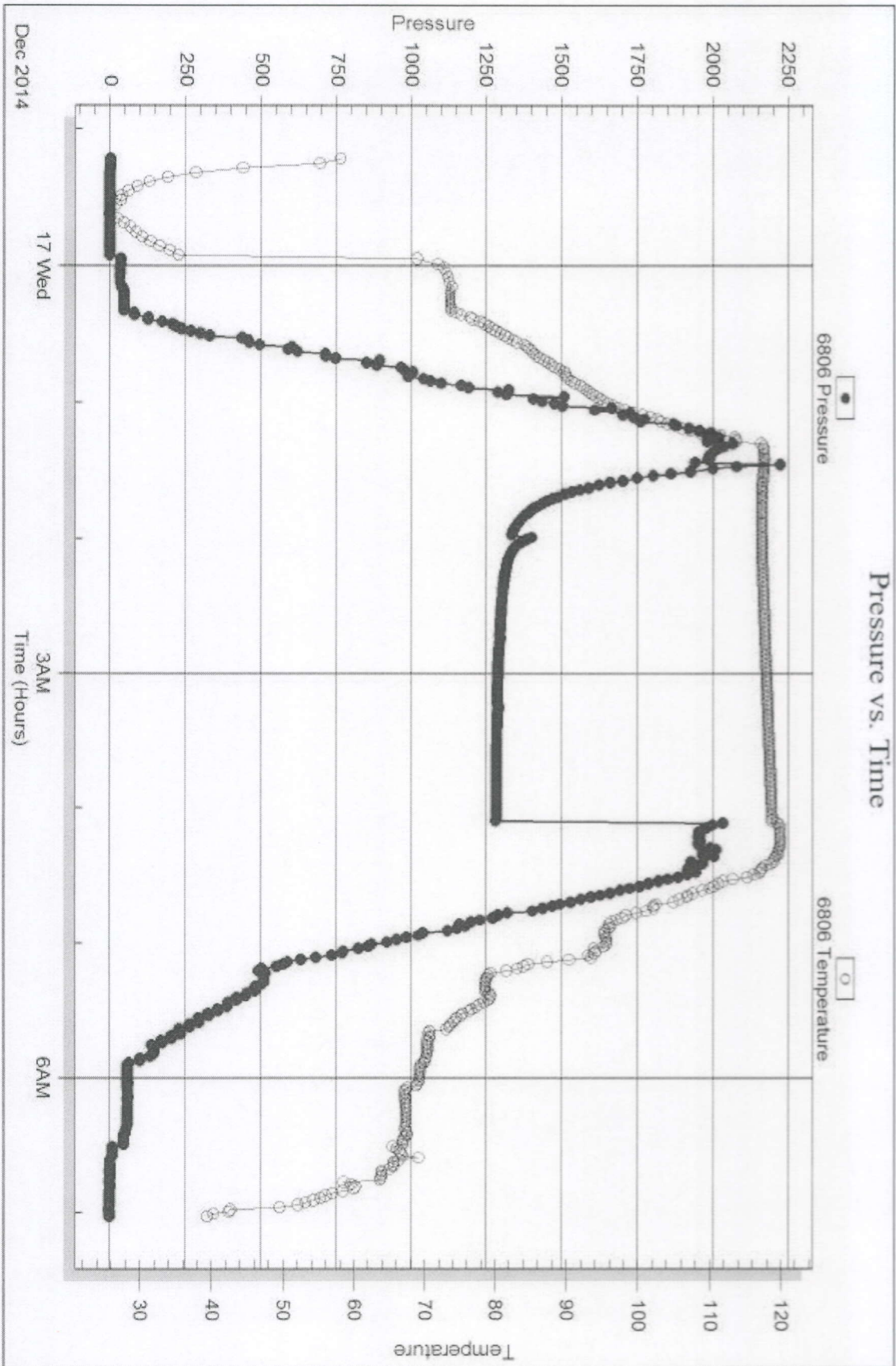
Printed: 2014.12.19 @ 10:35:06

Serial #: 6806

Below (Stratkat) Investments Inc.

Baugher A #4-29

DST Test Number: 2



Tribble Testing, Inc

Ref. No: 60422

Printed: 2014.12.19 @ 10:35:06



DRILL STEM TEST REPORT

Prepared For: **Koron Investments Inc.**

P.O. Box 981
Hays, KS 67601

ATTN: Mark Downing

Baughner A #4-29

23-12s-21w-Trego,KS

Start Date: 2014.12.17 @ 08:04:00

End Date: 2014.12.17 @ 16:35:30

Job Ticket #: 60423 DST #: 3

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.12.19 @ 10:34:16

Koron Investments Inc. 23-12s-21w-Trego,KS Baughner A #4-29 DST # 3 Arbuckle 2014.12.17



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Koron Investments Inc.

23-12s-21w-Trego,KS

P.O. Box 981
Hays, KS 67601

Baughner A #4-29

Job Ticket: 60423

DST#: 3

ATTN: Mark Downing

Test Start: 2014.12.17 @ 08:04:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:43:30

Time Test Ended: 16:35:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Shane Konzem

Unit No: 56

Interval: **3928.00 ft (KB) To 4020.00 ft (KB) (TVD)**

Total Depth: 4092.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 2313.00 ft (KB)

2307.00 ft (CF)

KB to GR/CF: 6.00 ft

Serial #: 8159 Inside

Press@RunDepth: 127.86 psig @ 4013.08 ft (KB)

Start Date: 2014.12.17 End Date: 2014.12.17

Start Time: 08:04:00 End Time: 16:35:30

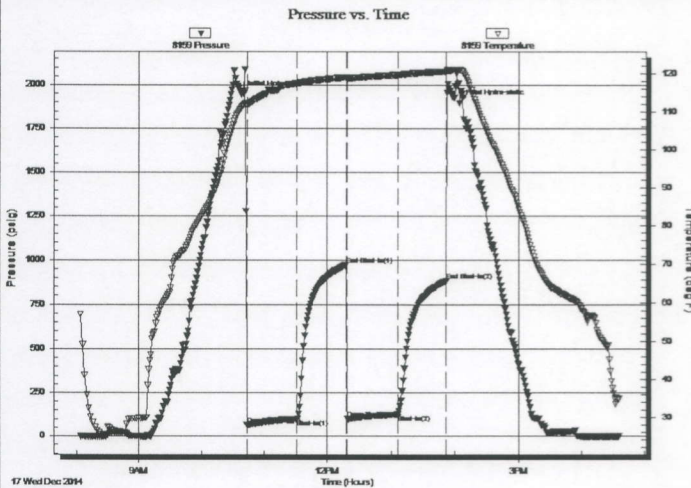
Capacity: 8000.00 psig

Last Calib.: 2014.12.17

Time On Btm: 2014.12.17 @ 10:38:30

Time Off Btm: 2014.12.17 @ 14:04:30

TEST COMMENT: IFP 45 Minutes. Fair blow built to 6" in diesel
ISI 45 Minutes. No blow back.
FFP 45 Minutes. Fair blow built to 4"
FSI 45 Minutes. No blow back.



PRESSURE SUMMARY

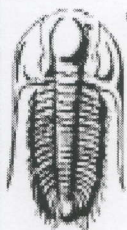
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1946.33 | 111.05 | Initial Hydro-static |
| 5 | 64.03 | 111.71 | Open To Flow (1) |
| 53 | 99.67 | 117.33 | Shut-In(1) |
| 99 | 970.47 | 118.95 | End Shut-In(1) |
| 100 | 102.99 | 118.72 | Open To Flow (2) |
| 148 | 127.86 | 119.59 | Shut-In(2) |
| 194 | 883.99 | 120.46 | End Shut-In(2) |
| 206 | 1897.37 | 120.91 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|------------------|--------------|
| 63.00 | 95% mud, 5% oil | 0.31 |
| 63.00 | 90% Mud, 10% oil | 0.31 |
| 30.00 | 40% Oil, 60% Mud | 0.15 |
| 3.00 | 100% Clean Oil | 0.01 |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Koron Investments Inc.

23-12s-21w-Trego,KS

P.O. Box 981
Hays, KS 67601

Baughner A #4-29

Job Ticket: 60423

DST#: 3

ATTN: Mark Downing

Test Start: 2014.12.17 @ 08:04:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:43:30

Time Test Ended: 16:35:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Shane Konzern

Unit No: 56

Interval: **3928.00 ft (KB) To 4020.00 ft (KB) (TVD)**

Total Depth: 4092.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 2313.00 ft (KB)

2307.00 ft (CF)

KB to GR/CF: 6.00 ft

Serial #: 8524

Outside

Press@RunDepth: 885.50 psig @ 4014.08 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.12.17 End Date: 2014.12.17

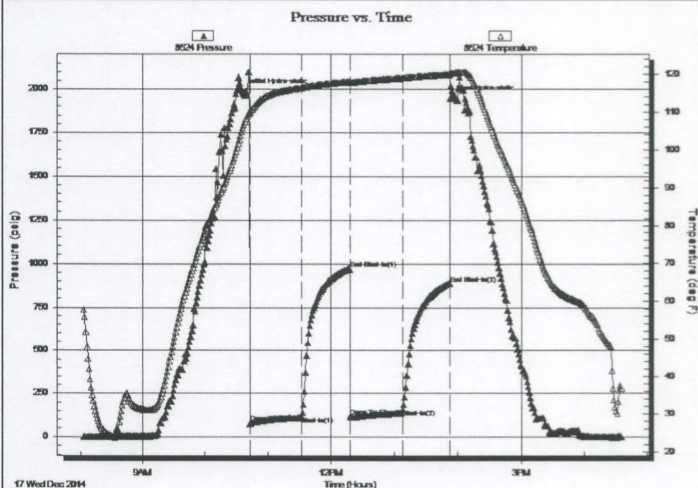
Last Calib.: 2014.12.17

Start Time: 08:03:01 End Time: 16:36:17

Time On Btm: 2014.12.17 @ 10:35:57

Time Off Btm: 2014.12.17 @ 13:52:34

TEST COMMENT: IFP 45 Minutes. Fair blow built to 6" in diesel
ISI 45 Minutes. No blow back.
FFP 45 Minutes. Fair blow built to 4"
FSI 45 Minutes. No blow back.



PRESSURE SUMMARY

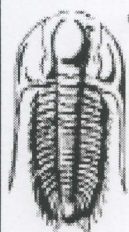
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1985.23 | 105.65 | Initial Hydro-static |
| 7 | 75.56 | 109.67 | Open To Flow (1) |
| 56 | 116.29 | 116.38 | Shut-In(1) |
| 102 | 968.76 | 118.05 | End Shut-In(1) |
| 103 | 117.51 | 117.68 | Open To Flow (2) |
| 152 | 156.52 | 119.00 | Shut-In(2) |
| 197 | 885.50 | 119.93 | End Shut-In(2) |
| 197 | 1946.46 | 120.31 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|------------------|--------------|
| 63.00 | 95% mud, 5% oil | 0.31 |
| 63.00 | 90% Mud, 10% oil | 0.31 |
| 30.00 | 40% Oil, 60% Mud | 0.15 |
| 3.00 | 100% Clean Oil | 0.01 |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Koron Investments Inc.

23-12s-21w-Trego,KS

P.O. Box 981
Hays, KS 67601

Baughner A #4-29

Job Ticket: 60423

DST#: 3

ATTN: Mark Downing

Test Start: 2014.12.17 @ 08:04:00

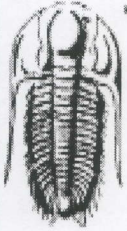
Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 3629.00 ft | Diameter: 3.80 inches | Volume: 50.91 bbl | Tool Weight: 2000.00 lb |
| Heavy Wt. Pipe: | Length: 310.11 ft | Diameter: 2.25 inches | Volume: 1.53 bbl | Weight set on Packer: 20000.00 lb |
| Drill Collar: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight to Pull Loose: 72000.00 lb |
| | | | <u>Total Volume: 52.44 bbl</u> | Tool Chased 1.00 ft |
| Drill Pipe Above KB: | 31.11 ft | | | String Weight: Initial 60000.00 lb |
| Depth to Top Packer: | 3928.00 ft | | | Final 60000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 161.59 ft | | | |
| Tool Length: | 181.59 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 | | | 3913.00 | |
| Hydraulic tool | 5.00 | | | 3918.00 | |
| Top Packer | 5.00 | | | 3923.00 | |
| Packer | 5.00 | | | 3928.00 | 20.00 Bottom Of Top Packer |
| Perforations | 5.00 | | | 3933.00 | |
| Change Over Sub | 0.75 | | | 3933.75 | |
| Drill Pipe | 62.58 | | | 3996.33 | |
| Change Over Sub | 0.75 | | | 3997.08 | |
| Perforations | 15.00 | | | 4012.08 | |
| Recorder | 1.00 | 8159 | Inside | 4013.08 | |
| Recorder | 1.00 | 8524 | Outside | 4014.08 | |
| Blank Off Sub | 0.75 | | | 4014.83 | 161.59 Tool Interval |
| Packer | 5.00 | | | 4019.83 | |
| Change Over Sub | 0.75 | | | 4020.58 | |
| Drill Pipe | 31.26 | | | 4051.84 | |
| Change Over Sub | 0.75 | | | 4052.59 | |
| Perforations | 33.00 | | | 4085.59 | |
| Recorder | 1.00 | 6806 | Below | 4086.59 | |
| Bull Plug | 3.00 | | | 4089.59 | 1000180.59 Bottom Packers & Anchor |

Total Tool Length: 181.59



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Koron Investments Inc.

23-12s-21w-Trego, KS

P.O. Box 981
Hays, KS 67601

Baughner A #4-29

Job Ticket: 60423

DST#: 3

ATTN: Mark Downing

Test Start: 2014.12.17 @ 08:04:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 53.00 sec/qt
Water Loss: 8.77 in³
Resistivity: ohm.m
Salinity: 3500.00 ppm
Filter Cake: 0.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|------------------|---------------|
| 63.00 | 95% mud, 5% oil | 0.310 |
| 63.00 | 90% Mud, 10% oil | 0.310 |
| 30.00 | 40% Oil, 60% Mud | 0.148 |
| 3.00 | 100% Clean Oil | 0.015 |

Total Length: 159.00 ft Total Volume: 0.783 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

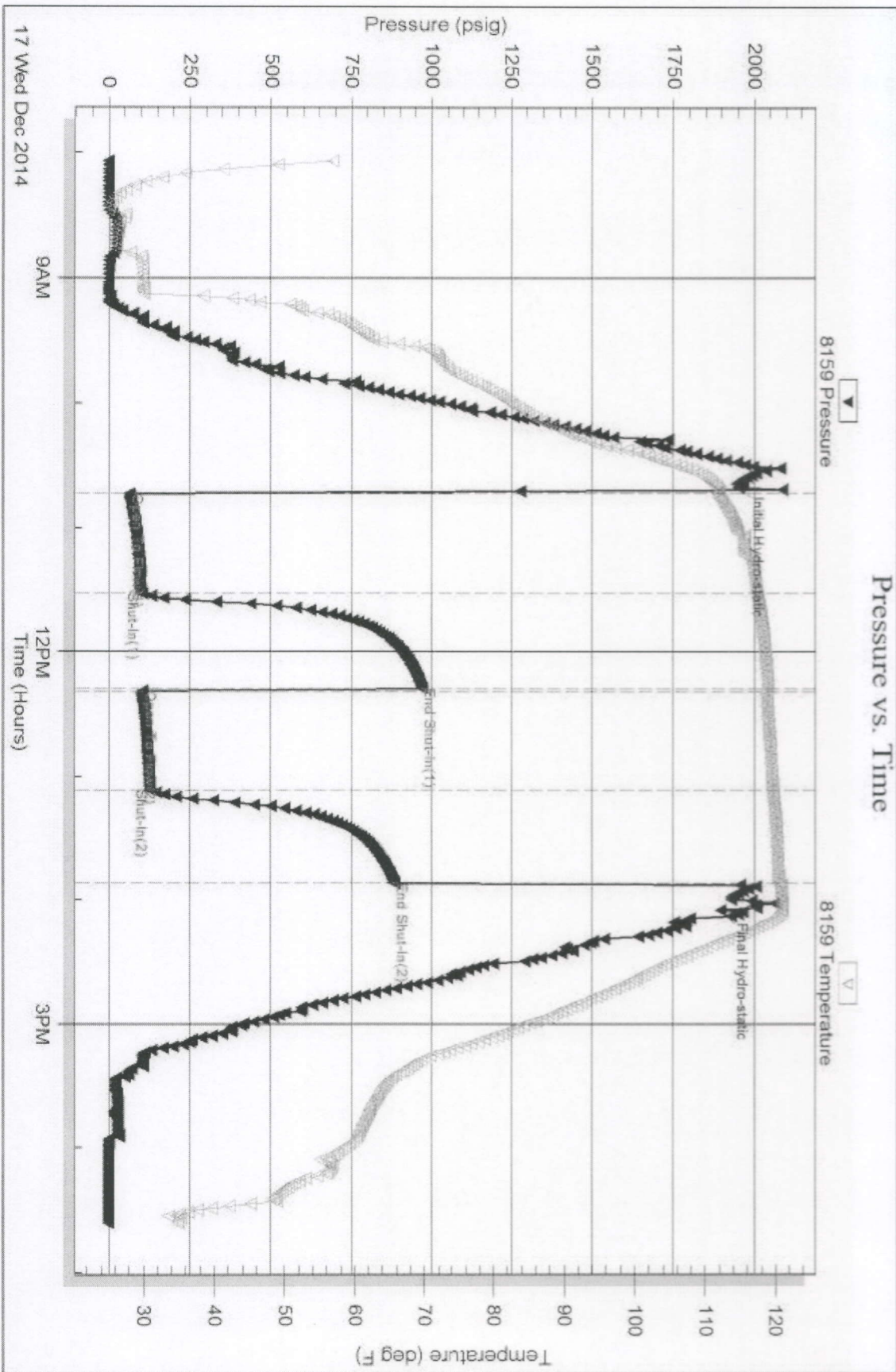
Serial #: 8159

Inside

Karon Investments Inc.

Baughner A #4-29

DST Test Number: 3



Trouble Testing, Inc

Ref. No: 60423

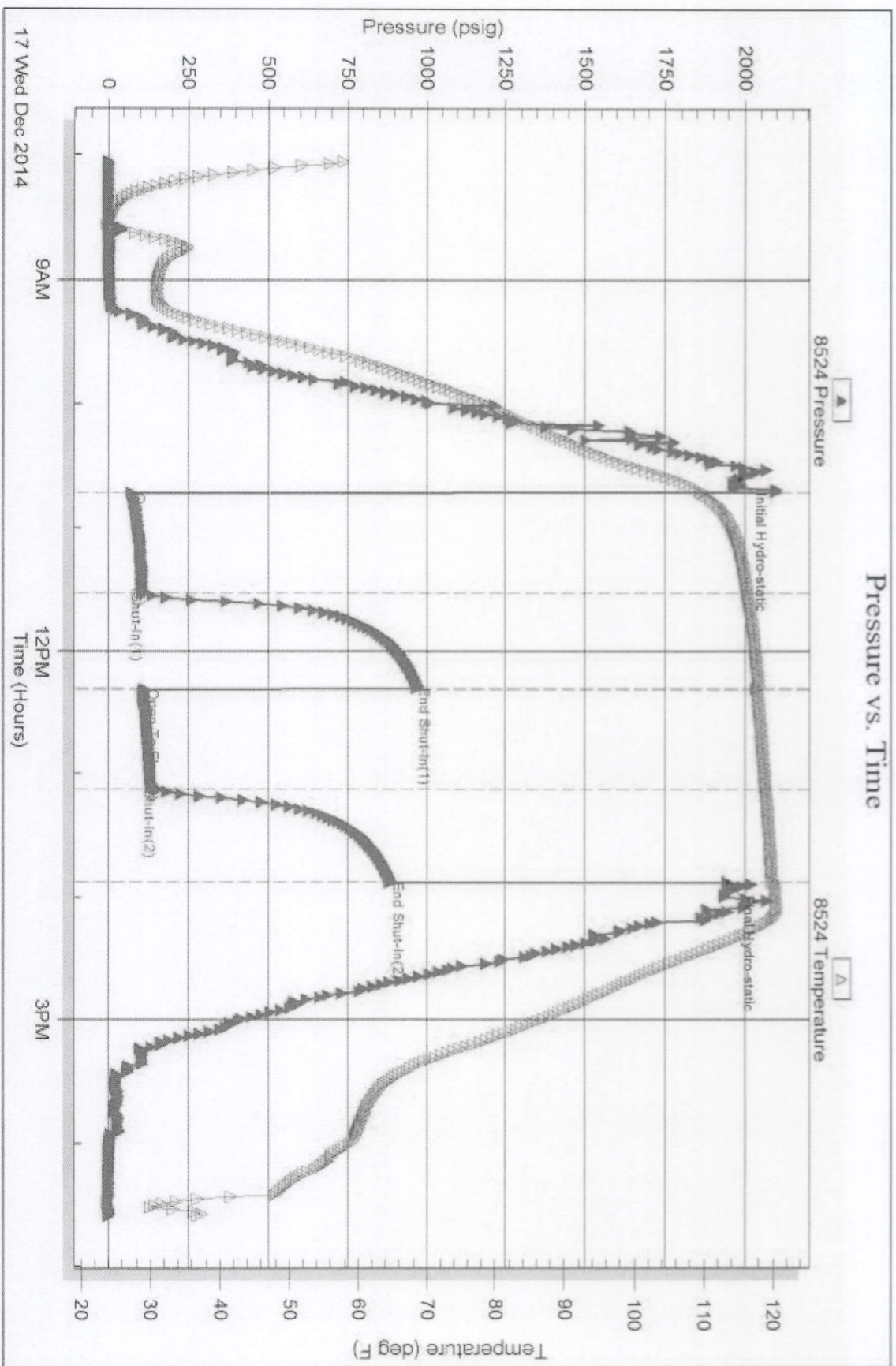
Printed: 2014.12.19 @ 10:34:17

Serial #: 8524

Outside Koron Investments Inc.

Baugher A. #4-29

DST Test Number: 3



Tribble Testing, Inc

Ref. No: 60423

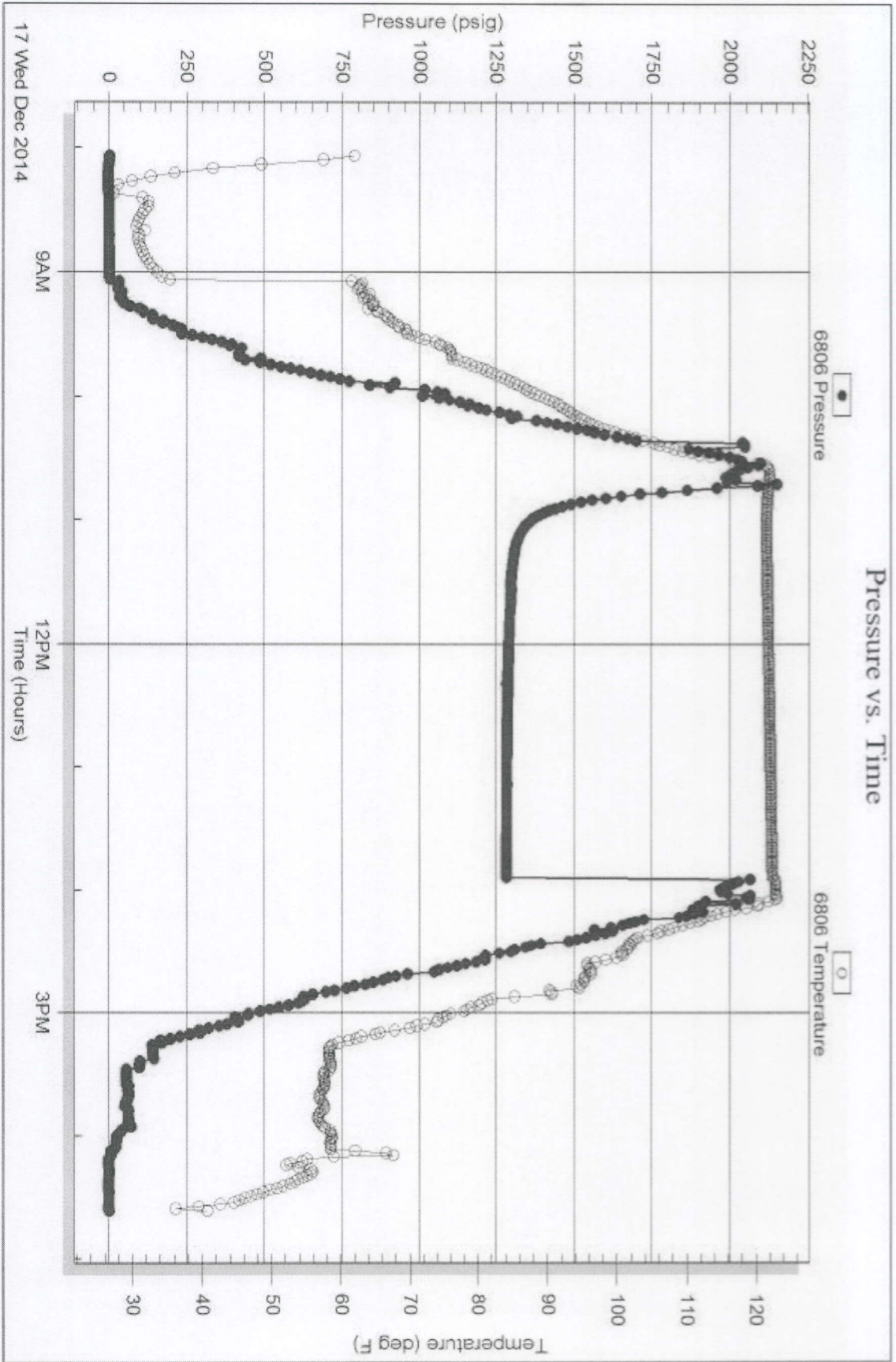
Printed 2014 12 19 @ 10:34:17

Serial #: 6806

Below (Stratford) Investments Inc.

Baughner A #4-29

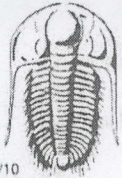
DST Test Number: 3



Tribble Testing, Inc

Ref. No: 60423

Printed: 2014.12.19 @ 10:34:17



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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 60421

Well Name & No. Baughen A # 4-29 Test No. 1 Date 12-15-14
 Company Koron Investments Inc Elevation 2313 KB 2307 GL
 Address P.O. Box 981 Hays KS 67601
 Co. Rep / Geo. Mark Rig Discovery Rig # 2
 Location: Sec. 23 Twp. 12 S Rge. 21 W Co. Trego State KS

Interval Tested 3730 - 3821 Zone Tested Lansing H-K
 Anchor Length 91' Drill Pipe Run 3411 Mud Wt. 9.1
 Top Packer Depth 3725 Drill Collars Run 0 Vis 59
 Bottom Packer Depth 3730 Wt. Pipe Run 310.11 WL 8.4
 Total Depth 3821 Chlorides 3500 ppm System LCM 2^{II}
 Blow Description 1st open - weak blow built to 1 1/2 inches. 1st shut in - No blow back. 2nd open - weak blow built to 2 inches. 2nd shut in - No blow back.

| Rec | Feet of | %gas | %oil | %water | %mud |
|-----------|---------------------------|------------|------------|-----------|-----------|
| <u>40</u> | <u>oil cut watery mud</u> | <u>2.5</u> | <u>2.5</u> | <u>95</u> | <u>95</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 40 BHT 104 Gravity \ API RW \ @ \ °F Chlorides \ ppm
 (A) Initial Hydrostatic 1848 Test 1150 T-On Location 1300
 (B) First Initial Flow 61 Jars T-Started 1430
 (C) First Final Flow 67 Safety Joint T-Open 1700
 (D) Initial Shut-In 366 Circ Sub T-Pulled 1915
 (E) Second Initial Flow 70 Hourly Standby T-Out 2045
 (F) Second Final Flow 76 Mileage 50 77.50 Comments
 (G) Final Shut-In 251 Sampler
 (H) Final Hydrostatic 1798 Straddle Ruined Shale Packer
 Shale Packer Ruined Packer
 Extra Packer Extra Copies
 Initial Open 30 Extra Recorder Sub Total 0
 Initial Shut-In 30 Day Standby Total 1227.50
 Final Flow 30 Accessibility MP/DST Disc't
 Final Shut-In 30 Sub Total 1227.50

Approved By _____ Our Representative Shoe Kifer
 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. 60422

Well Name & No. Baughner A #4-29 Test No. 2 Date 12-16-14
 Company Koron Investments Inc Elevation 2313 KB 2307 GL
 Address P.O. Box 981 Hays KS 67601
 Co. Rep / Geo. Mark Rig Discovery Rig #2
 Location: Sec. 23 Twp. 12S Rge. 21W Co. Trego State KS

Interval Tested 3929 - 4029 Zone Tested Arbuckle
 Anchor Length 600' Drill Pipe Run 3629 Mud Wt. 9.4
 Top Packer Depth 3924 Drill Collars Run 0 Vis 53
 Bottom Packer Depth 3929 Wt. Pipe Run 310.11 WL 8.8
 Total Depth 4092 Chlorides 3500 ppm System LCM 1#

Blow Description 1st Open - Good blow built to Bottom of 5 gallon bucket in 6 minutes 30 seconds. 1st Shut In - No blow back. 2nd Open - Bottom of Bucket in 9 minutes. 2nd Shut In - No blow back.

| Rec | Feet of | %gas | %oil | %water | %mud |
|------------|----------------------------|------------|------|-----------|-----------|
| <u>2</u> | <u>clean oil</u> | <u>100</u> | | | |
| <u>63</u> | <u>oil cut mud</u> | <u>40</u> | | | <u>60</u> |
| <u>189</u> | <u>oil cut mud</u> | <u>5</u> | | | <u>95</u> |
| <u>567</u> | <u>oil cut muddy water</u> | | | | |
| <u>189</u> | <u>muddy water</u> | | | <u>60</u> | <u>40</u> |

Rec Total 1008 BHT 125 Gravity 1250 API RW .22@ 40 F Chlorides 34000 ppm

(A) Initial Hydrostatic 1953 Test 1250 T-On Location 2130
 (B) First Initial Flow 85 Jars _____ T-Started 0000
 (C) First Final Flow 297 Safety Joint _____ T-Open 0130
 (D) Initial Shut-In 1237 Circ Sub _____ T-Pulled 0400
 (E) Second Initial Flow 304 Hourly Standby _____ T-Out 0700
 (F) Second Final Flow 432 Mileage 50 77.50 Comments _____
 (G) Final Shut-In 1240 Sampler _____
 (H) Final Hydrostatic 1918 Straddle 600 Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 30 Extra Recorder _____ Sub Total 0
 Initial Shut-In 45 Day Standby _____ Total 1927.50
 Final Flow 30 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 45 Sub Total 1927.50

Approved By _____ Our Representative Shane Key
 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.



4/10

TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 60423

Well Name & No. Bangher A #4-29 Test No. 3 Date 12-17-14
 Company Koron Investments, Inc. Elevation 2313 KB 2307 GL
 Address P.O. Box 981 Hays KS 67601
 Co. Rep / Geo. Mark Rig Discovery Rig #2
 Location: Sec. 23 Twp. 12s Rge. 21w Co. Trego State KS

Interval Tested 3928-4020 Zone Tested Arbuckle
 Anchor Length 92 Drill Pipe Run 3629 Mud Wt. 9.4
 Top Packer Depth 3923 Drill Collars Run 0 Vis 53
 Bottom Packer Depth 3928 Wt. Pipe Run 310.11 WL 8.8
 Total Depth 4092 Chlorides 3500 ppm System LCM 1#

Blow Description 1st Open - fair blow built to 6 inches into diesel. 1st Shut In - No blow back. 2nd open - blow built to 4 inches into diesel. 2nd Shut In - No blow back.

| Rec | Feet of | %gas | %oil | %water | %mud |
|-----------------|--------------------|------|------------|--------|------------|
| <u>3</u> | <u>clean oil</u> | | | | |
| <u>30</u> | <u>oil cut mud</u> | | <u>40%</u> | | <u>60%</u> |
| <u>63</u> | <u>oil cut mud</u> | | <u>10%</u> | | <u>90%</u> |
| <u>63</u> | <u>oil cut mud</u> | | <u>5%</u> | | <u>95%</u> |
| <u> </u> | <u> </u> | | | | |

Rec Total 159 BHT 120 Gravity 1 API RW 1 @ 1 °F Chlorides 1 ppm

(A) Initial Hydrostatic 1946 Test 1250 T-On Location 2130 - 12-16-14
 (B) First Initial Flow 64 Jars _____ T-Started 0900
 (C) First Final Flow 99 Safety Joint _____ T-Open 10.45
 (D) Initial Shut-In 970 Circ Sub _____ T-Pulled 13:50
 (E) Second Initial Flow 102 Hourly Standby _____ T-Out 1600
 (F) Second Final Flow 127 Mileage 50 77.50 Comments _____
 (G) Final Shut-In 883 Sampler _____
 (H) Final Hydrostatic 1897 Straddle 600 Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Initial Open 45 Extra Packer _____ Extra Copies _____
 Initial Shut-In 45 Extra Recorder _____ Sub Total 0
 Final Flow 45 Day Standby _____ Total 1927.50
 Final Shut-In 45 Accessibility _____ MP/DST Disc't _____
 Sub Total 1927.50

Approved By _____

Our Representative Mark [Signature]

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.