



KANSAS CORPORATION COMMISSION 1076047
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009

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

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 34158
Name: O'Brien Resources, LLC
Address 1: PO BOX 6149
Address 2: _____
City: SHREVEPORT State: LA Zip: 71136 + _____
Contact Person: Heather Haynes
Phone: (318) 865-8568
CONTRACTOR: License # 34233
Name: Maverick Drilling LLC
Wellsite Geologist: Jason Cappellucci
Purchaser: _____

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil WSW SWD SLOW
 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
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth _____
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____
02/17/2012 02/27/2012 03/16/2012
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-101-22343-00-00
Spot Description:
NE NW NW SE Sec. 36 Twp. 17 S. R. 29 East West
2359 Feet from North / South Line of Section
2270 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Lane
Lease Name: Boomhower 36 Well #: 2
Field Name: _____
Producing Formation: Mississippian
Elevation: Ground: 2778 Kelly Bushing: 2786
Total Depth: 4703 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 278 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 2176 Feet
If Alternate II completion, cement circulated from: 2176
feet depth to: 0 w/ 445 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 9500 ppm Fluid volume: 1000 bbls
Dewatering method used: Evaporated
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

Letter of Confidentiality Received
Date: _____
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: Deanna Gerriso Date: 06/18/2012



1076047

Operator Name: O'Brien Resources, LLC Lease Name: Boomhower 36 Well #: 2
 Sec. 36 Twp. 17 S. R. 29 East West County: Lane

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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

| | | | | |
|---|---|------------------------------|----------------------------------|--|
| Drill Stem Tests Taken (Attach Additional Sheets) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Log | Formation (Top), Depth and Datum | <input checked="" type="checkbox"/> Sample |
| Samples Sent to Geological Survey | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Name | Top | Datum |
| Cores Taken | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Anhydrite | 2153 | +633 |
| Electric Log Run | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Wabaunsee | 3539 | -753 |
| Electric Log Submitted Electronically (If no, Submit Copy) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Lansing | 3964 | -1178 |
| List All E. Logs Run: Attached | | Stark | 4228 | -1443 |
| | | Cherokee Sh | 4502 | -1716 |
| | | Miss | 4571 | -1785 |

| 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 | 12.25 | 8.625 | 20 | 279 | Common | 160 | 3% CC, 2% gel |
| 2-Stage | 7.8750 | 4.5 | 10.5 | 4700 | OWC | 250 | |
| DV-Tool | 7.8750 | 4.5 | 10.5 | 2176 | 60/40 | 445 | 8% Gel, 1/4# Floseal |

| ADDITIONAL CEMENTING / SQUEEZE RECORD | | | | |
|---------------------------------------|------------------|----------------|--------------|----------------------------|
| Purpose: | Depth Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
| ___ Perforate | | | | |
| ___ Protect Casing | | | | |
| ___ Plug Back TD | - | | | |
| ___ Plug Off Zone | - | | | |

| 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 |
|----------------|---|---|-------|
| | 4320-4323 | 275 bbls 10% Acetic | |
| | 4,333'-4,336' | 500 bbls 15%NeFe | |
| | 4,538'-4,555' | 2000 bbls 15%NeFe | |
| | 4,584'-4,585' - CIBP | | |
| | 4,590'-4,594' | 500 bbls 15%NeFe | |

| | | | | |
|---|--|--------------|-------------------|--|
| TUBING RECORD: | Size: | Set At: | Packer At: | Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Date of First, Resumed Production, SWD or ENHR. 03/16/2012 | Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____ | | | |
| Estimated Production Per 24 Hours | Oil Bbls. 35 | Gas Mcf 0 | Water Bbls. 45 | Gas-Oil Ratio Gravity |

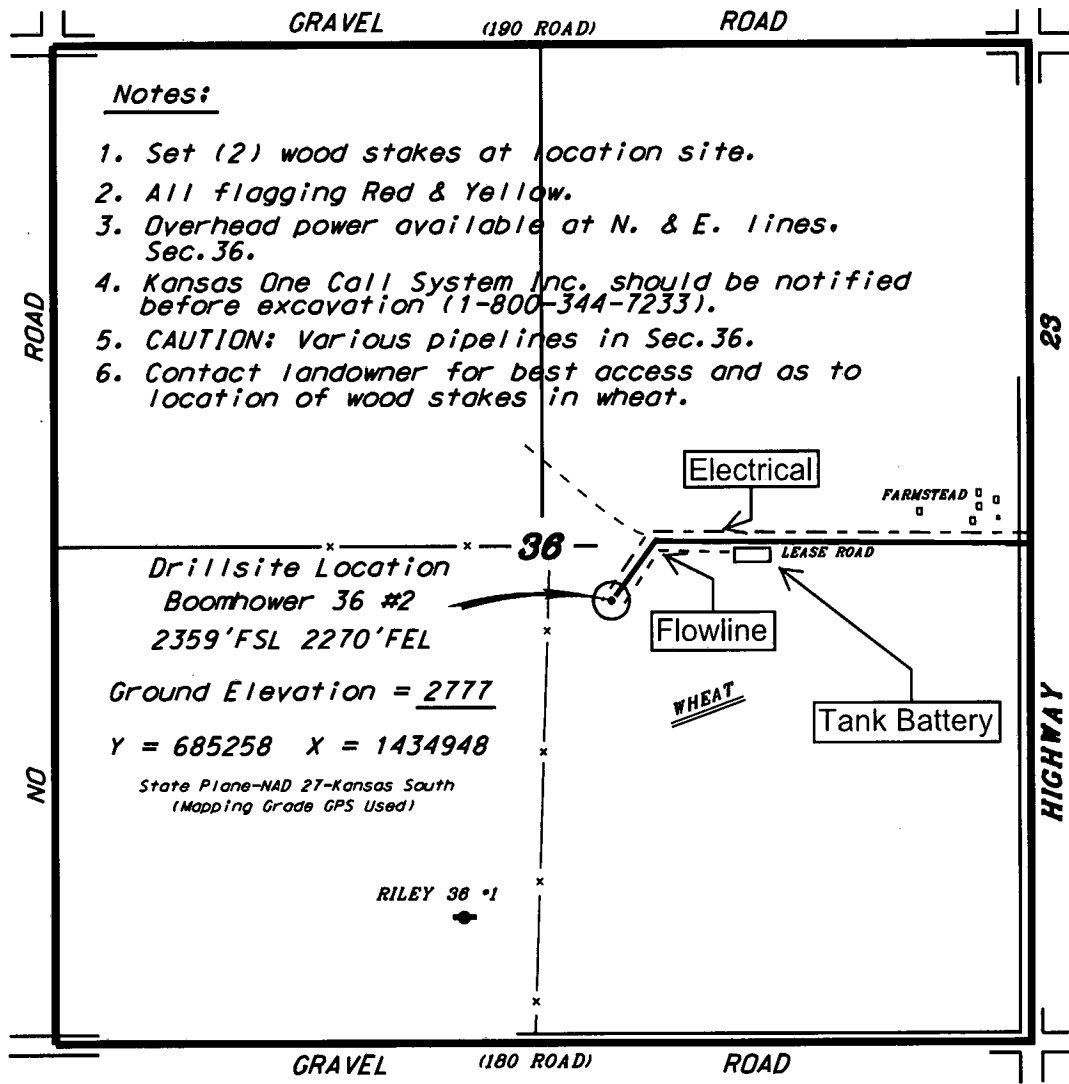
| | | |
|--|--|------------------------------------|
| DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.) | METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) (Submit ACO-4) | PRODUCTION INTERVAL: <u>LKC</u> |
| <input type="checkbox"/> Other (Specify) _____ | | |

| | |
|-----------|------------------------|
| Form | ACO1 - Well Completion |
| Operator | O'Brien Resources, LLC |
| Well Name | Boomhower 36 2 |
| Doc ID | 1076047 |

All Electric Logs Run

| |
|----------------|
| |
| Dual Induction |
| Micro Log |
| Sonic Log |
| Compensated |

**O'BRIEN RESOURCES, LLC
BOOMHOWER LEASE
SE.1/4, SECTION 36, T17S, R29W
LANE COUNTY, KANSAS**



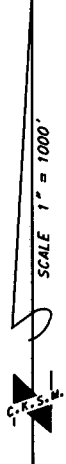
Notes:

1. Set (2) wood stakes at location site.
2. All flagging Red & Yellow.
3. Overhead power available at N. & E. lines. Sec.36.
4. Kansas One Call System Inc. should be notified before excavation (1-800-344-7233).
5. CAUTION: Various pipelines in Sec.36.
6. Contact landowner for best access and as to location of wood stakes in wheat.

**Drillsite Location
Boomhower 36 #2
2359'FSL 2270'FEL
Ground Elevation = 2777
Y = 685258 X = 1434948
State Plane-NAD 27-Kansas South
(Mapping Grade GPS Used)**

RILEY 36 #1

*Ingress and egress to location as shown on this plat is for usage only and may not be legally opened for public use. Contact landowner, tenant and county road department for access.

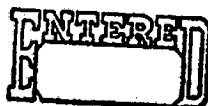


• Controlling data is based upon the best maps and photographs available to us and upon a regular section of land containing 640 acres.
 • Approximate section lines were determined using the normal standard of care of oilfield surveyors practicing in the state of Kansas. The section corners, which establish the precise section lines, were not necessarily located, and the exact location of the drillsite location in the section is not guaranteed. Therefore, the operator securing this service and accepting this plat and all other parties relying thereon agree to hold Central Kansas Oilfield Services, Inc., its officers and employees harmless from all losses, costs and expenses and said entities released from any liability from incidental or consequential damages.
 • Elevations derived from National Geodetic Vertical Datum.

Date January 5, 2012



CONSOLIDATED
Oil Well Services, LLC



TICKET NUMBER 33922
LOCATION Orkly
FOREMAN Fuzz

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

KS

| DATE | CUSTOMER # | WELL NAME & NUMBER | SECTION | TOWNSHIP | RANGE | COUNTY |
|-----------------------------------|------------|--------------------|----------|----------|---------|--------|
| 2-27-12 | 5960 | Boonhower 36-2 | 36 | 17S | 29W | LANE |
| CUSTOMER O'Brien Resources LLC | | | DISTRICT | | | |
| MAILING ADDRESS | | | 3 1/2 N | | | |
| CITY | | | W W | | | |
| STATE | | | ZIP CODE | | | |
| | | | TRUCK # | DRIVER | TRUCK # | DRIVER |
| | | | 463 | Josh G | | |
| | | | 439 | Corey D | | |
| | | | 528 | Wes F | | |

JOB TYPE 2-stage HOLE SIZE 7 7/8 HOLE DEPTH 4703 CASING SIZE & WEIGHT 4 1/2 10.5 #
 CASING DEPTH 4700 DRILL PIPE _____ TUBING _____ 461 OTHER DU Tool @ 2176
 SLURRY WEIGHT 14. - 11.5 SLURRY VOL. 1.40 - 2.3 WATER gal/sk 6.7 - 12.3 CEMENT LEFT in CASING 42 #
 DISPLACEMENT 74.07 DISPLACEMENT PSI _____ MIX PSI _____ RATE 4.4 1/2 BBL/min

REMARKS: Safety meeting on Maverick #108. Float equip cent #3-576
8, 10, 12, 13, 15, 17, 18, 20. Baskets #20-261. DU Tool Top @ #61.
Risup and circ 1 1/2 hrs. Pump 2 BBL water, 250 gal mud flush, 2 BBL water
Mix 250 sks OWC w/ 5# Kol-seal, wash pump + lines. Drop plug and displace
40 BBLs water 34 BBLs mud 700 # 1.5# - 1400 # land float hold. Drop DU Bomb
with 10 min open tool @ 1000 # Circ 2 hrs. Mix 200 sks MH, 300 sks RH. Mix
445 sks 60/40 8 # accel 1 # accel down 4 1/2 sec. Wash pump + lines Drop
plug and displace 34 1/2 BBL 600 # 1.5# closed tool @ 1400 #. Cement
did circulate approx 34 BBL top pit. 400 sks mixed @ 11.6 #. Last
45 sks mixed @ 13.8 #

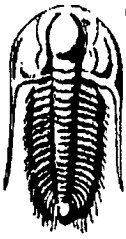
Thanks Fuzz

| ACCOUNT CODE | QUANTITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | UNIT PRICE | TOTAL |
|--------------|----------------------|------------------------------------|--------------------|---------------------|
| 5401C | 1 | PUMP CHARGE | 3020 ⁰⁰ | 3020 ⁰⁰ |
| 5406 | 35 | MILEAGE | 5 ⁰⁰ | 175 ⁰⁰ |
| 5407A | 33.04 Ton | Ton Mileage Delivery | 167 | 1931 ¹⁸ |
| 1126 | 250 sks | OWC | 22 ⁵² | 5637 ⁵⁰ |
| 1131 | 495 sks | 60/40 pos | 15 ¹⁰ | 7474 ⁵⁰ |
| 1118B | 3406 # | Bentonite | .25 | 851 ⁵⁰ |
| 1110A | 1250 # | Kol-Seal | .56 | 700 ⁰⁰ |
| 1107 | 300 124 # | Flo-seal | 2 ⁸² | 349 ⁶⁸ |
| 1144G | 250 gal | Mud Flush | 1 ⁰⁰ | 250 ⁰⁰ |
| 4156 | 1 | 4 1/2 - AFU Float shoe | 287 ⁰⁰ | 287 ⁰⁰ |
| 4129 | 11 | 4 1/2 - Centralizers | 46 ⁰⁰ | 506 ⁰⁰ |
| 4103 | 2 | 4 1/2 - Baskets (w) | 261 ⁰⁰ | 522 ⁰⁰ |
| 4276 | 1 | 4 1/2 - DU Tool (w) | 4200 ⁰⁰ | 4200 ⁰⁰ |
| 4453 | 1 | 4 1/2 - Landdown Plug + Ball (w) | 475 ⁰⁰ | 475 ⁰⁰ |
| | | | Subtotal | 2637 ²⁰ |
| | | | less 10% disc | 2637 ⁹⁵ |
| | | | SALES TAX | 1205 ⁰⁰ |
| | | | ESTIMATED TOTAL | 24946 ⁴⁵ |

Revin 3757

AUTHORIZATION [Signature] TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

O'Brien Resources, LLC

36 17s 29w Lane, Ks

PO Box 6149
Shreveport, La 71136

Boomhower # 36-2

Job Ticket: 44503

DST#: 1

ATTN: Kurt Talbott

Test Start: 2012.02.21 @ 20:13:00

GENERAL INFORMATION:

Formation: **LKC - H, I, J**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 22:30:15

Time Test Ended: 04:04:00

Test Type: **Conventional Bottom Hole (Initial)**

Tester: **Bradley Walter**

Unit No: **53**

Interval: **4125.00 ft (KB) To 4215.00 ft (KB) (TVD)**

Reference Elevations: **2786.00 ft (KB)**

Total Depth: **4215.00 ft (KB) (TVD)**

2776.00 ft (CF)

Hole Diameter: **7.88 inches** Hole Condition: **Good**

KB to GR/CF: **10.00 ft**

Serial #: **8678**

Inside

Press@RunDepth: **112.92 psig @ 4128.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2012.02.21**

End Date:

2012.02.22

Last Calib.: **2012.02.22**

Start Time: **20:13:05**

End Time:

04:03:59

Time On Btm: **2012.02.21 @ 22:30:00**

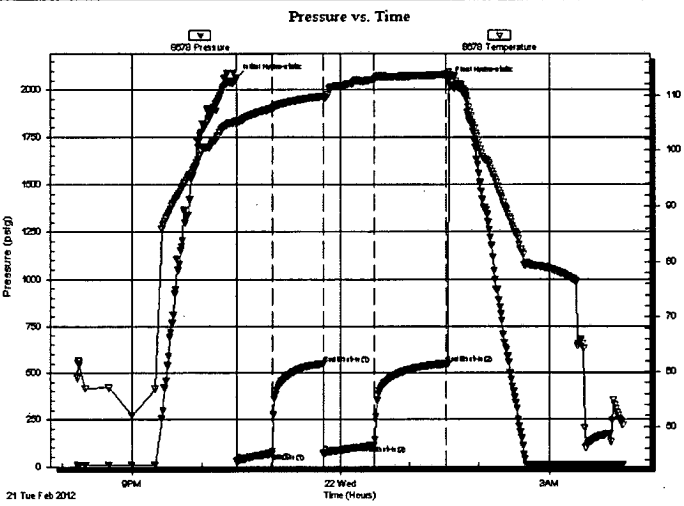
Time Off Btm: **2012.02.22 @ 01:33:45**

TEST COMMENT: IF: 8 1/2" blow .

ISI: No return.

FF: 8" Blow .

FSI: No return.



PRESSURE SUMMARY

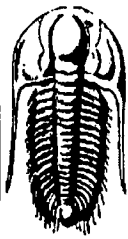
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2064.20 | 105.25 | Initial Hydro-static |
| 1 | 28.45 | 104.60 | Open To Flow (1) |
| 31 | 70.31 | 107.57 | Shut-In(1) |
| 75 | 548.55 | 109.77 | End Shut-In(1) |
| 76 | 73.36 | 109.59 | Open To Flow (2) |
| 120 | 112.92 | 112.77 | Shut-In(2) |
| 181 | 546.92 | 113.69 | End Shut-In(2) |
| 184 | 2048.51 | 114.19 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|--------------------------|--------------|
| 180.00 | w cm 30w 70m (oil spots) | 1.79 |
| 20.00 | oil 100o | 0.20 |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

O'Brien Resources, LLC

36 17s 29w Lane, Ks

PO Box 6149
Shreveport, La 71136

Boomhower # 36-2

Job Ticket: 44503

DST#: 1

ATTN: Kurt Talbott

Test Start: 2012.02.21 @ 20:13:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

27 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

36000 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.00 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbbl |
|--------------|--------------------------|----------------|
| 180.00 | w cm 30w 70m (oil spots) | 1.791 |
| 20.00 | oil 100o | 0.199 |

Total Length: 200.00 ft Total Volume: 1.990 bbl

Num Fluid Samples: 0

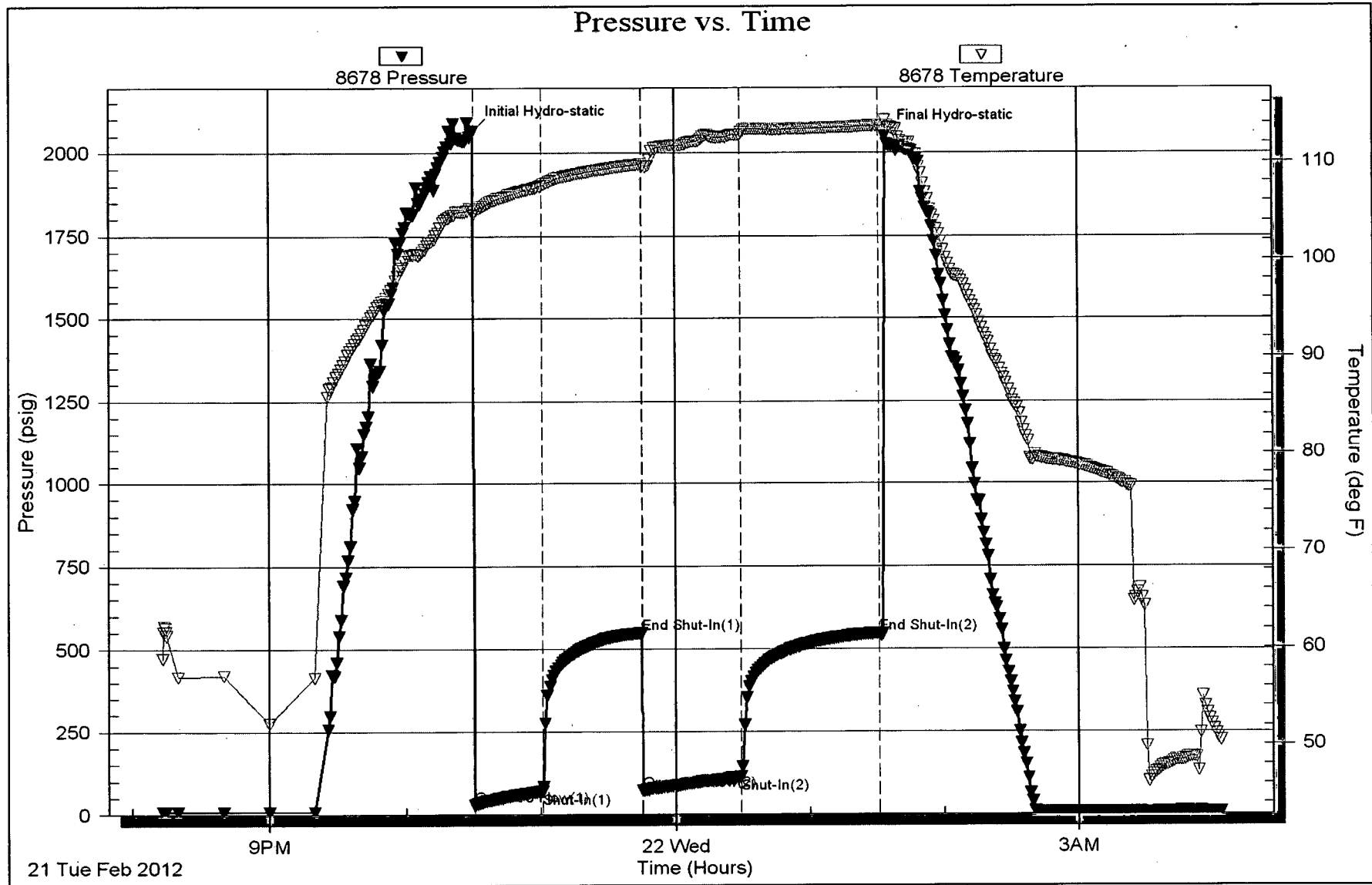
Num Gas Bombs: 0

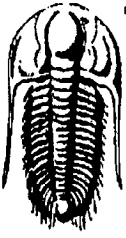
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .250 @ 50 = 36000ppm





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

O'Brien Resources, LLC

36 17s 29w Lane, Ks

PO Box 6149
Shreveport, La 71136

Boomhower # 36-2

Job Ticket: 44504

DST#: 2

ATTN: Kurt Talbott

Test Start: 2012.02.22 @ 12:10:00

GENERAL INFORMATION:

Formation: **LKC 'K'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:02:30

Time Test Ended: 19:20:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 53

Interval: **4225.00 ft (KB) To 4255.00 ft (KB) (TVD)**

Total Depth: 4225.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2786.00 ft (KB)

2776.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8678

Inside

Press@RunDepth: 205.64 psig @ 4228.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.02.22

End Date:

2012.02.22

Last Calib.:

2012.02.22

Start Time: 12:10:05

End Time:

19:20:14

Time On Btm:

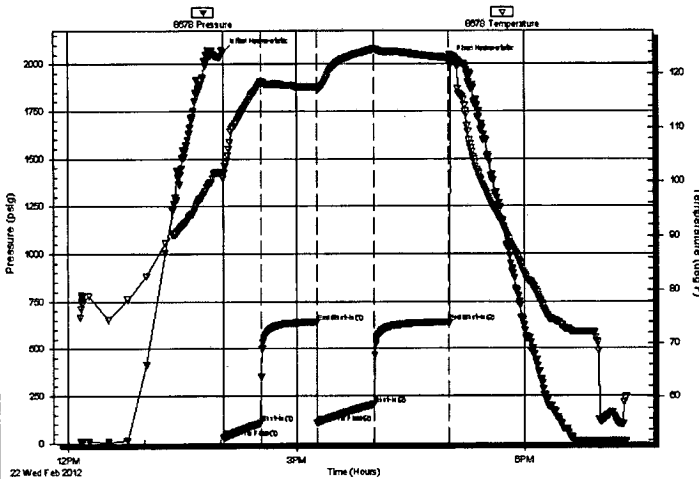
2012.02.22 @ 14:02:15

Time Off Btm:

2012.02.22 @ 17:01:45

TEST COMMENT: IF: BOB @ 18 min.
IS: No return.
FF: BOB @ 18 min.
FS: No return.

Pressure vs. Time



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2062.40 | 101.78 | Initial Hydro-static |
| 1 | 29.24 | 100.60 | Open To Flow (1) |
| 30 | 104.36 | 118.41 | Shut-In(1) |
| 74 | 642.67 | 117.53 | End Shut-In(1) |
| 74 | 106.66 | 117.28 | Open To Flow (2) |
| 119 | 205.64 | 124.60 | Shut-In(2) |
| 178 | 641.07 | 122.94 | End Shut-In(2) |
| 180 | 2023.00 | 123.31 | Final Hydro-static |

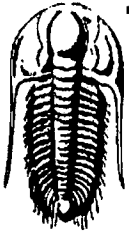
Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------------------|--------------|
| 400.00 | mcw 15m 85w (oil spots) | 3.98 |
| 20.00 | oil 100o | 0.20 |
| | | |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

O'Brien Resources, LLC

36 17s 29w Lane, Ks

PO Box 6149
Shreveport, La 71136

Boomhower # 36-2

Job Ticket: 44504

DST#: 2

ATTN: Kurt Talbott

Test Start: 2012.02.22 @ 12:10:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

29 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

22000 ppm

Viscosity: 42.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------------------|---------------|
| 400.00 | mcw 15m 85w (oil spots) | 3.979 |
| 20.00 | oil 100o | 0.199 |

Total Length: 420.00 ft Total Volume: 4.178 bbl

Num Fluid Samples: 0

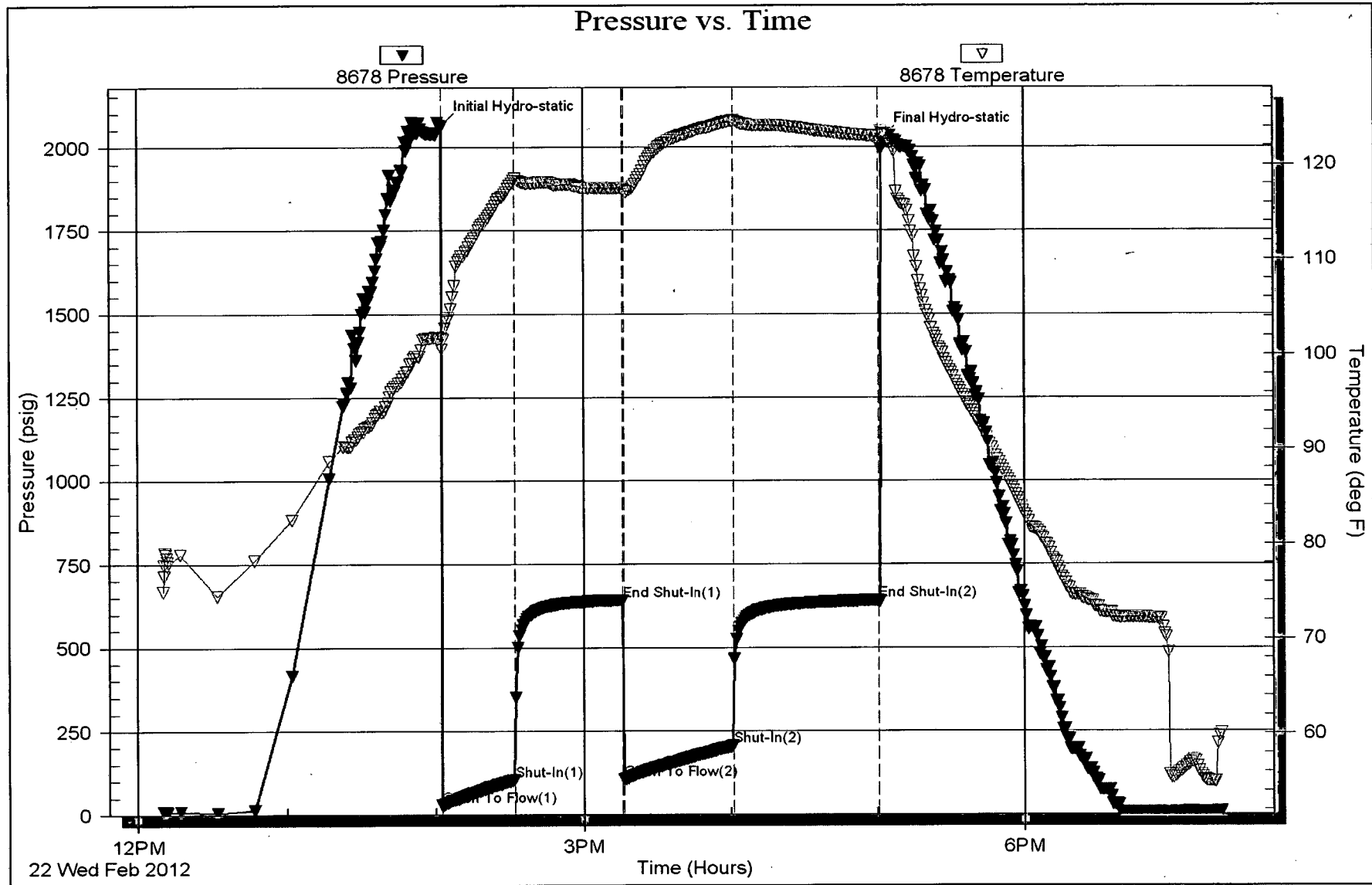
Num Gas Bombs: 0

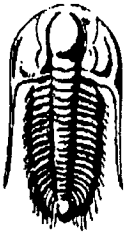
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .370 @ 60f = 22,000ppm





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

O'Brien Resources, LLC

36 17s 29w Lane, Ks

PO Box 6149
Shreveport, La 71136

Boomhower # 36-2

Job Ticket: 44505

DST#: 3

ATTN: Kurt Talbott

Test Start: 2012.02.23 @ 03:13:00

GENERAL INFORMATION:

Formation: **LKC 'L'**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:52:15
 Time Test Ended: 09:03:15

Test Type: Conventional Bottom Hole (Reset)
 Tester: Bradley Walter
 Unit No: 53

Interval: **4261.00 ft (KB) To 4290.00 ft (KB) (TVD)**
 Total Depth: 4290.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2786.00 ft (KB)
 2776.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8522

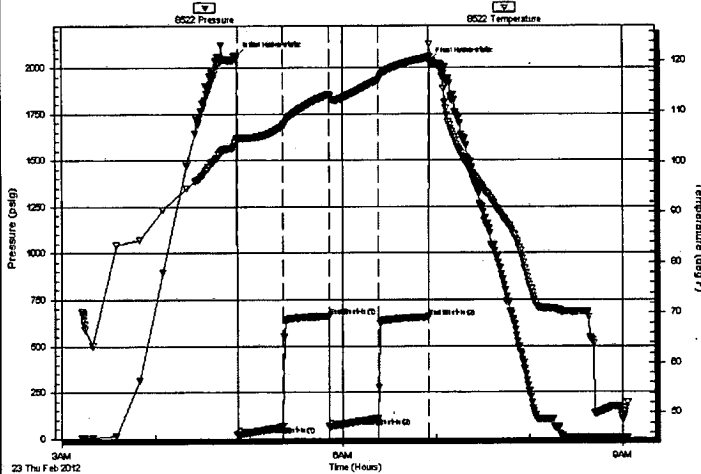
Inside

Press@RunDepth: 107.15 psig @ 4263.00 ft (KB)
 Start Date: 2012.02.23 End Date: 2012.02.23
 Start Time: 03:13:05 End Time: 09:03:14

Capacity: 8000.00 psig
 Last Calib.: 1899.12.30
 Time On Btm: 2012.02.23 @ 04:52:00
 Time Off Btm: 2012.02.23 @ 06:55:30

TEST COMMENT: IF: 2" blow.
 IS: No return.
 FF: 2 1/2" blow.
 FS: No return.

Pressure vs. Time



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2064.04 | 104.56 | Initial Hydro-static |
| 1 | 20.23 | 104.14 | Open To Flow (1) |
| 30 | 65.95 | 107.04 | Shut-In(1) |
| 60 | 660.92 | 113.36 | End Shut-In(1) |
| 60 | 64.18 | 113.07 | Open To Flow (2) |
| 91 | 107.15 | 116.17 | Shut-In(2) |
| 123 | 657.53 | 120.73 | End Shut-In(2) |
| 124 | 2033.00 | 123.42 | Final Hydro-static |

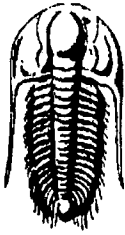
Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|---------------------------------|--------------|
| 185.00 | mcw 10m 90w (oil puddle on top) | 1.84 |
| | | |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

O'Brien Resources, LLC

36 17s 29w Lane, Ks

PO Box 6149
Shreveport, La 71136

Boomer # 36-2

Job Ticket: 44505

DST#: 3

ATTN: Kurt Talbott

Test Start: 2012.02.23 @ 03:13:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 42.00 sec/qt
Water Loss: 8.38 in³
Resistivity: ohm.m
Salinity: 2600.00 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: 42000 ppm

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|---------------------------------|---------------|
| 185.00 | mcw 10m 90w (oil puddle on top) | 1.840 |

Total Length: 185.00 ft Total Volume: 1.840 bbl

Num Fluid Samples: 0

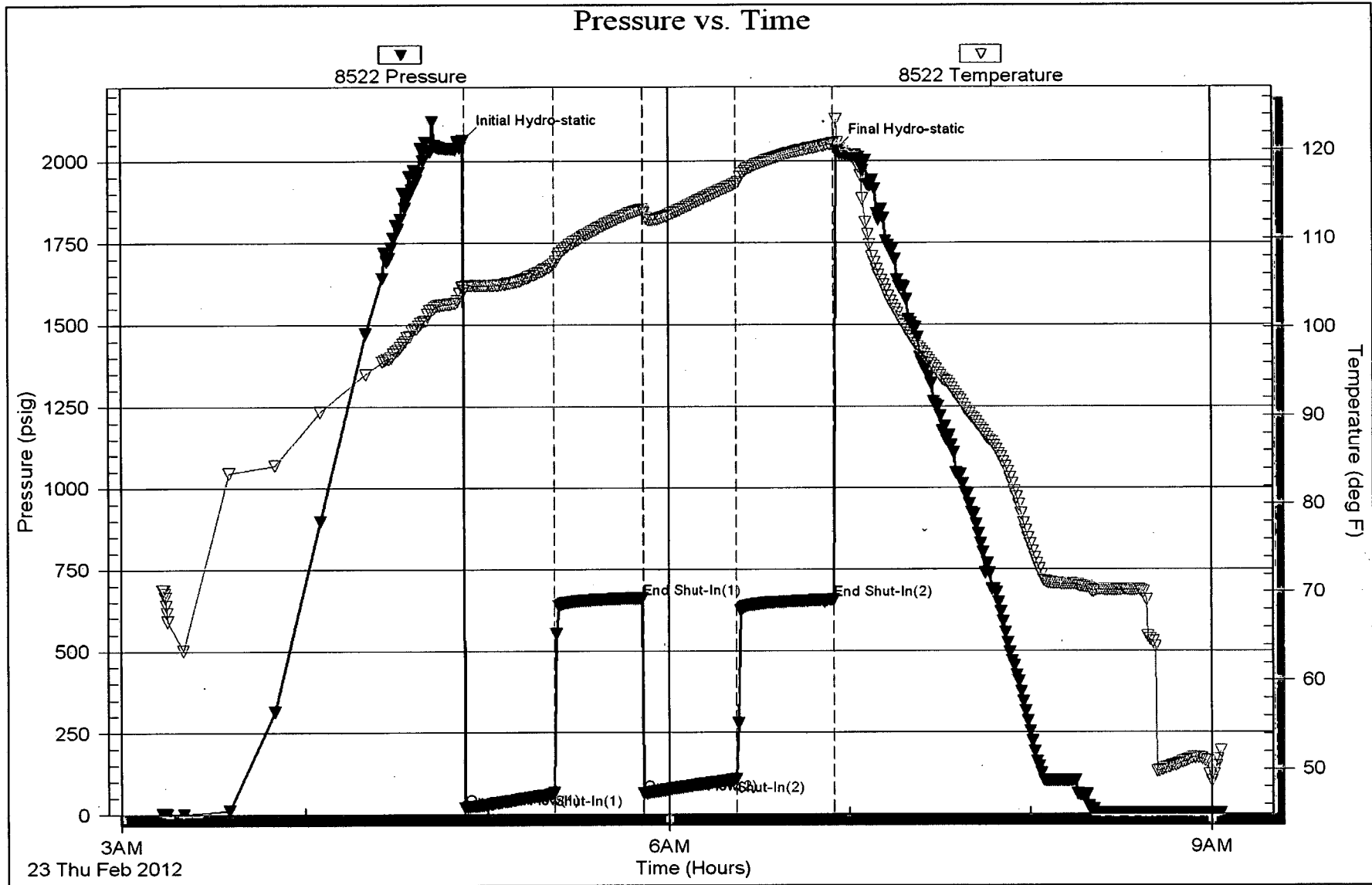
Num Gas Bombs: 0

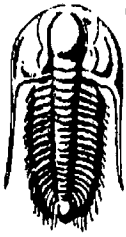
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .255 @ 50f = 42,000





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

O'Brien Resources, LLC

36 17s 29w Lane, Ks

PO Box 6149
Shreveport, La 71136

Boomhower # 36-2

Job Ticket: 44506

DST#: 4

ATTN: Kurt Talbott

Test Start: 2012.02.23 @ 17:13:00

GENERAL INFORMATION:

Formation: **Pleasanton/Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:09:15

Time Test Ended: 01:30:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 53

Interval: **4305.00 ft (KB) To 4345.00 ft (KB) (TVD)**

Reference Elevations: 2786.00 ft (KB)

Total Depth: 4345.00 ft (KB) (TVD)

2776.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8678 Inside

Press@RunDepth: 148.55 psig @ 4308.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.02.23

End Date:

2012.02.24

Last Calib.:

2012.02.24

Start Time: 17:13:05

End Time:

01:30:14

Time On Btm:

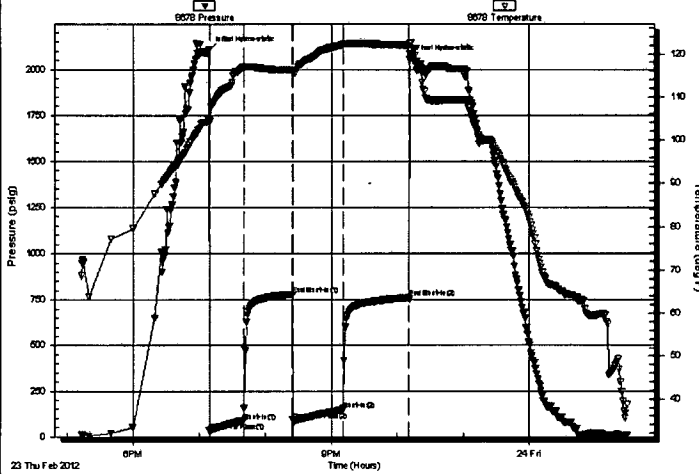
2012.02.23 @ 19:09:00

Time Off Btm:

2012.02.23 @ 22:11:15

TEST COMMENT: IF: BOB @ 13 min.
IS: Surface Blow.
FF: BOB @ 10 min.
FS: Surface blow.

Pressure vs. Time



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2105.89 | 104.84 | Initial Hydro-static |
| 1 | 33.34 | 104.00 | Open To Flow (1) |
| 31 | 86.39 | 116.85 | Shut-In(1) |
| 76 | 779.56 | 116.21 | End Shut-In(1) |
| 76 | 89.97 | 115.90 | Open To Flow (2) |
| 122 | 148.55 | 122.09 | Shut-In(2) |
| 181 | 761.88 | 121.89 | End Shut-In(2) |
| 183 | 2056.64 | 122.33 | Final Hydro-static |

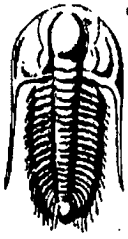
Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------------|--------------|
| 100.00 | w ocm 10w 20o 70m | 0.99 |
| 220.00 | gsmco 30g 5m 65o | 2.19 |
| 0.00 | 540' GIP | 0.00 |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

O'Brien Resources, LLC

36 17s 29w Lane, Ks

PO Box 6149
Shreveport, La 71136

Boomhower # 36-2

Job Ticket: 44506

DST#: 4

ATTN: Kurt Talbott

Test Start: 2012.02.23 @ 17:13:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

37 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.00 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------------|---------------|
| 100.00 | w ocm 10w 20o 70m | 0.995 |
| 220.00 | gsmco 30g 5m 65o | 2.188 |
| 0.00 | 540' GIP | 0.000 |

Total Length: 320.00 ft Total Volume: 3.183 bbl

Num Fluid Samples: 0

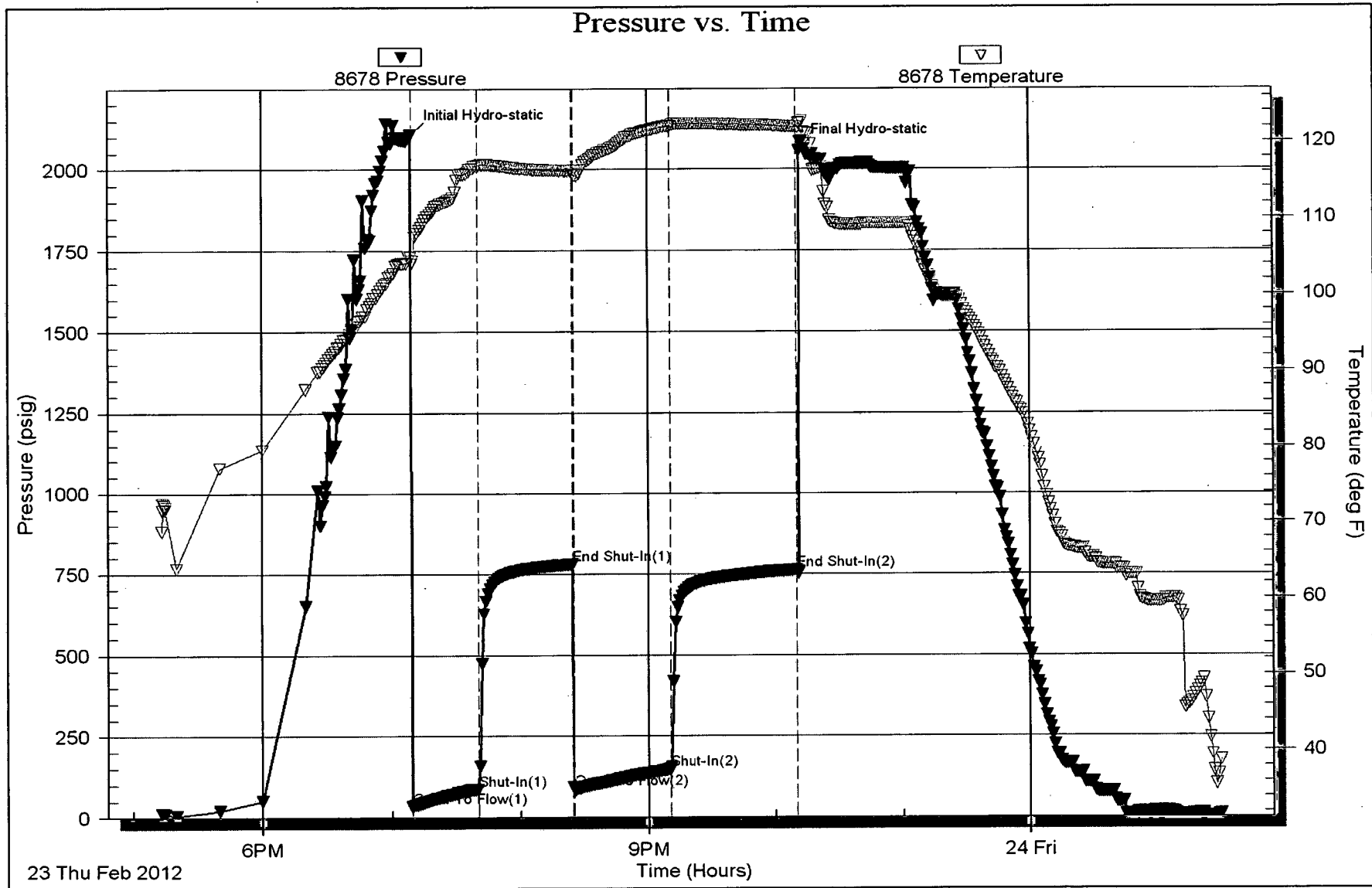
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

O'Brien Resources, LLC

36 17s 29w Lane, Ks

PO Box 6149
Shreveport, La 71136

Boomhower # 36-2

Job Ticket: 44507

DST#: 5

ATTN: Kurt Talbott

Test Start: 2012.02.24 @ 23:28:00

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: **No Whipstock:** ft (KB)

Time Tool Opened: 02:17:45

Time Test Ended: 09:08:00

Test Type: **Conventional Bottom Hole (Reset)**

Tester: **Bradley Walter**

Unit No: **53**

Interval: 4486.00 ft (KB) To 4550.00 ft (KB) (TVD)

Total Depth: **4550.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2786.00 ft (KB)**

2776.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: 8678 **Inside**

Press@RunDepth: **533.05 psig @ 4488.00 ft (KB)**

Start Date: **2012.02.24**

End Date:

2012.02.25

Capacity: **8000.00 psig**

Last Calib.: **2012.02.25**

Start Time: **23:28:05**

End Time:

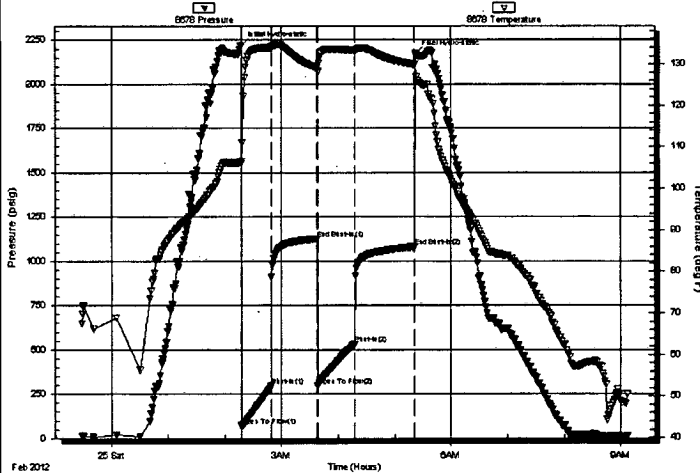
09:08:00

Time On Btm: **2012.02.25 @ 02:17:30**

Time Off Btm: **2012.02.25 @ 05:21:30**

TEST COMMENT: IF: BOB @ 11/2 min.
IS: BOB @ 15 min.
FF: BOB @ 5 minutes.
FS: 8" return, died @ 50 min.

Pressure vs. Time



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2219.46 | 106.44 | Initial Hydro-static |
| 1 | 70.30 | 106.04 | Open To Flow (1) |
| 32 | 295.75 | 133.92 | Shut-In(1) |
| 80 | 1125.83 | 129.02 | End Shut-In(1) |
| 81 | 297.10 | 128.26 | Open To Flow (2) |
| 120 | 533.05 | 133.21 | Shut-In(2) |
| 184 | 1079.72 | 129.78 | End Shut-In(2) |
| 184 | 2169.58 | 130.02 | Final Hydro-static |

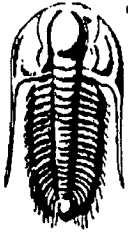
Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|------------------|--------------|
| 120.00 | gocm 35g 30o 35m | 1.19 |
| 1370.00 | gsmco 30g 3m 67o | 13.63 |
| 0.00 | 860' GIP | 0.00 |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

O'Brien Resources, LLC

36 17s 29w Lane, Ks

PO Box 6149
Shreveport, La 71136

Boomhower # 36-2

Job Ticket: 44507

DST#: 5

ATTN: Kurt Talbott

Test Start: 2012.02.24 @ 23:28:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

37 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.00 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|------------------|---------------|
| 120.00 | gocm 35g 30o 35m | 1.194 |
| 1370.00 | gsmco 30g 3m 67o | 13.628 |
| 0.00 | 860' GIP | 0.000 |

Total Length: 1490.00 ft Total Volume: 14.822 bbl

Num Fluid Samples: 0

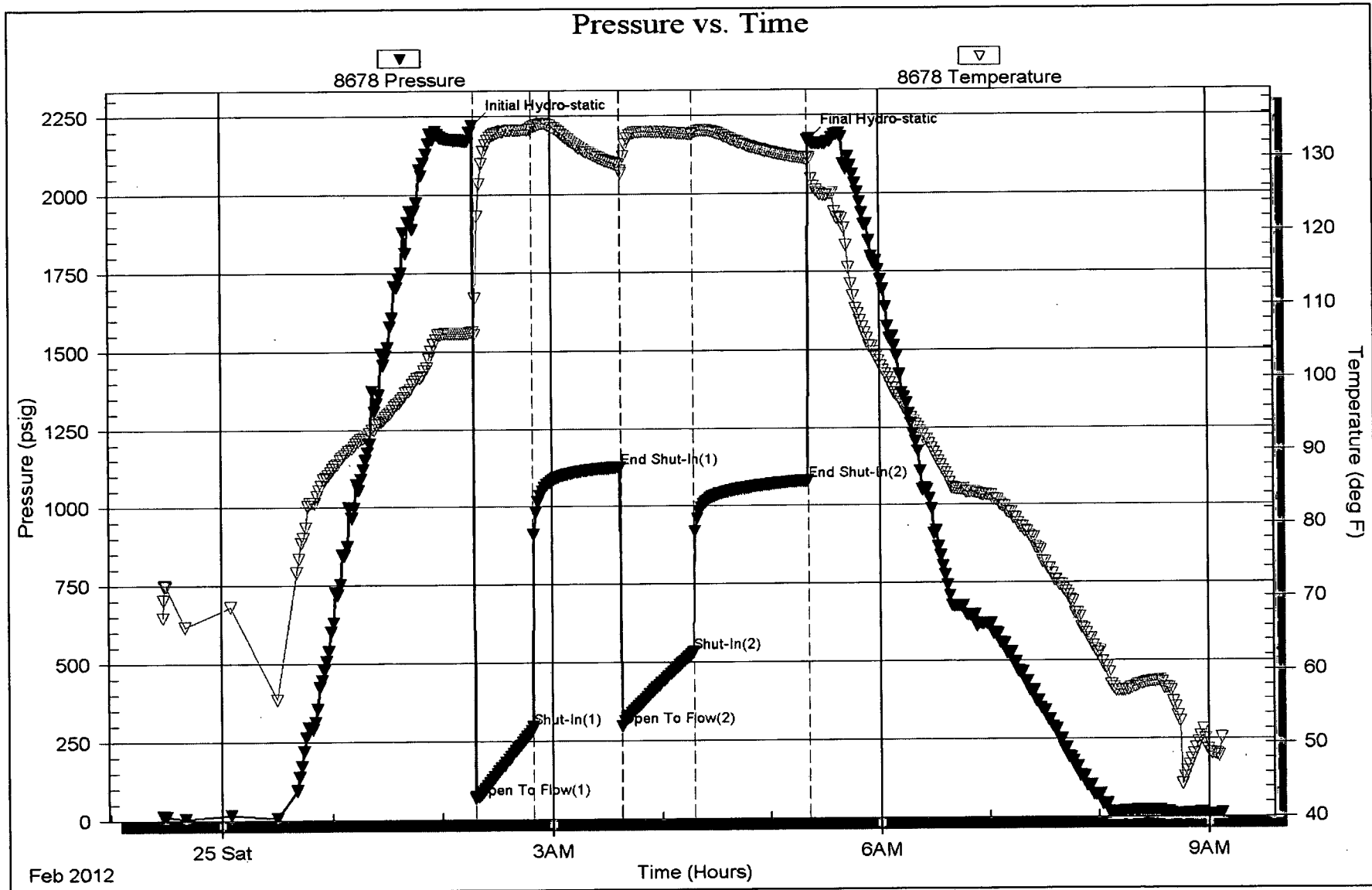
Num Gas Bombs: 0

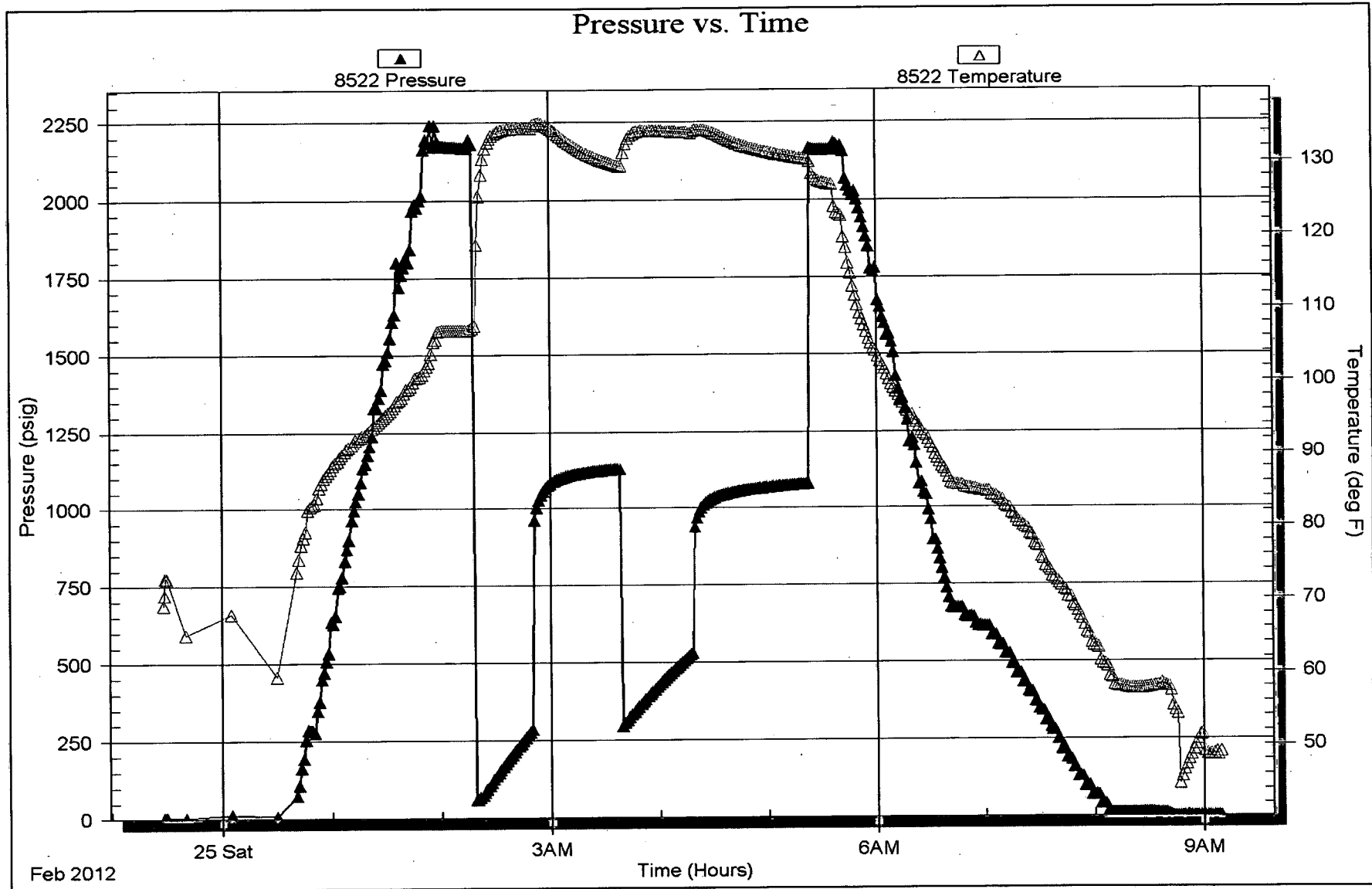
Serial #:

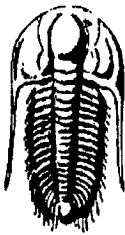
Laboratory Name:

Laboratory Location:

Recovery Comments:







**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

O'Brien Resources, LLC

36 17s 29w Lane, Ks

PO Box 6149
Shreveport, La 71136

Boomhower # 36-2

Job Ticket: 44508

DST#: 6

ATTN: Kurt Talbott

Test Start: 2012.02.25 @ 23:59:00

GENERAL INFORMATION:

Formation: **Spurgen**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:52:30

Time Test Ended: 09:09:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 53

Interval: **4580.00 ft (KB) To 4646.00 ft (KB) (TVD)**

Total Depth: 4646.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2786.00 ft (KB)

2776.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8678

Inside

Press@RunDepth: 960.10 psig @ 4583.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.02.25

End Date:

2012.02.26

Last Calib.: 2012.02.26

Start Time: 23:59:05

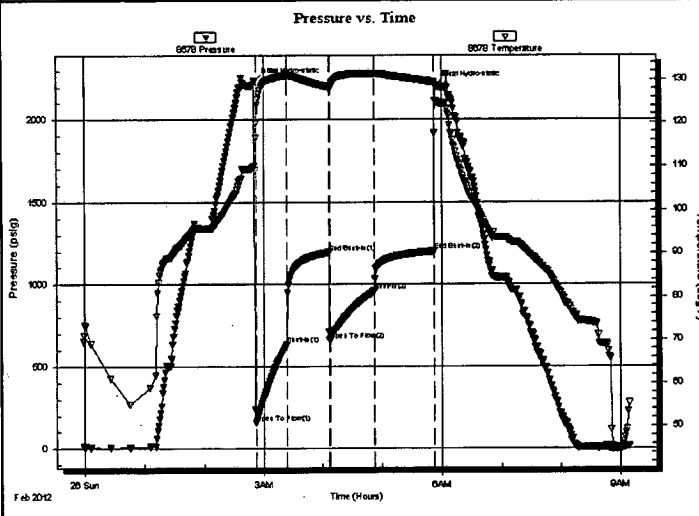
End Time:

09:09:15

Time On Btm: 2012.02.26 @ 02:51:15

Time Off Btm: 2012.02.26 @ 05:53:45

TEST COMMENT: IF: BOB @ 1 min.
ISI: No return.
FF: BOB 2 minutes.
FSI: No return.



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2235.05 | 109.99 | Initial Hydro-static |
| 2 | 156.74 | 116.57 | Open To Flow (1) |
| 33 | 633.60 | 130.99 | Shut-In(1) |
| 76 | 1194.43 | 128.28 | End Shut-In(1) |
| 76 | 659.06 | 127.92 | Open To Flow (2) |
| 122 | 960.10 | 131.28 | Shut-In(2) |
| 182 | 1200.94 | 129.43 | End Shut-In(2) |
| 183 | 2206.82 | 125.10 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|------------------|--------------|
| 620.00 | somcw 1o 15m 84w | 6.17 |
| 1430.00 | smocw 5m 5o 90w | 14.22 |
| 80.00 | oil 100o | 0.80 |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

O'Brien Resources, LLC

36 17s 29w Lane, Ks

PO Box 6149
Shreveport, La 71136

Boomhower # 36-2

Job Ticket: 44508

DST#: 6

ATTN: Kurt Talbott

Test Start: 2012.02.25 @ 23:59:00

GENERAL INFORMATION:

Formation: **Spurgen**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:52:30
 Time Test Ended: 09:09:15

Test Type: Conventional Bottom Hole (Reset)
 Tester: Bradley Walter
 Unit No: 53

Interval: **4580.00 ft (KB) To 4646.00 ft (KB) (TVD)**
 Total Depth: 4646.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2786.00 ft (KB)
 2776.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8522 Inside

Press@RunDepth: psig @ 4583.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.02.25

End Date:

2012.02.26

Last Calib.:

1899.12.30

Start Time: 23:59:05

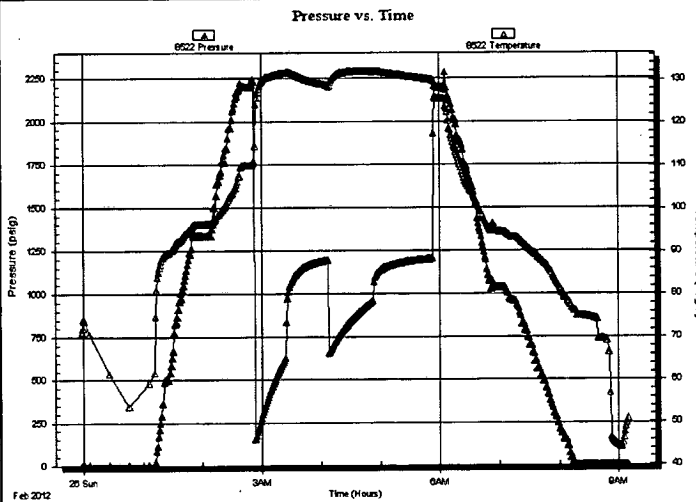
End Time:

09:10:30

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: BOB @ 1 min.
 IS: No return.
 FF: BOB 2 minutes.
 FS: No return.



PRESSURE SUMMARY

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

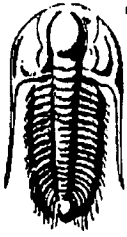
Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|------------------|--------------|
| 620.00 | somcw 1o 15m 84w | 6.17 |
| 1430.00 | smocw 5m 5o 90w | 14.22 |
| 80.00 | oil 100o | 0.80 |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

O'Brien Resources, LLC

36 17s 29w Lane, Ks

PO Box 6149
Shreveport, La 71136

Boomhower # 36-2

Job Ticket: 44508

DST#: 6

ATTN: Kurt Talbott

Test Start: 2012.02.25 @ 23:59:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

26 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

47000 ppm

Viscosity: 40.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 4.80 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|------------------|---------------|
| 620.00 | somcw 1o 15m 84w | 6.167 |
| 1430.00 | smocw 5m 5o 90w | 14.225 |
| 80.00 | oil 100o | 0.796 |

Total Length: 2130.00 ft Total Volume: 21.188 bbl

Num Fluid Samples: 0

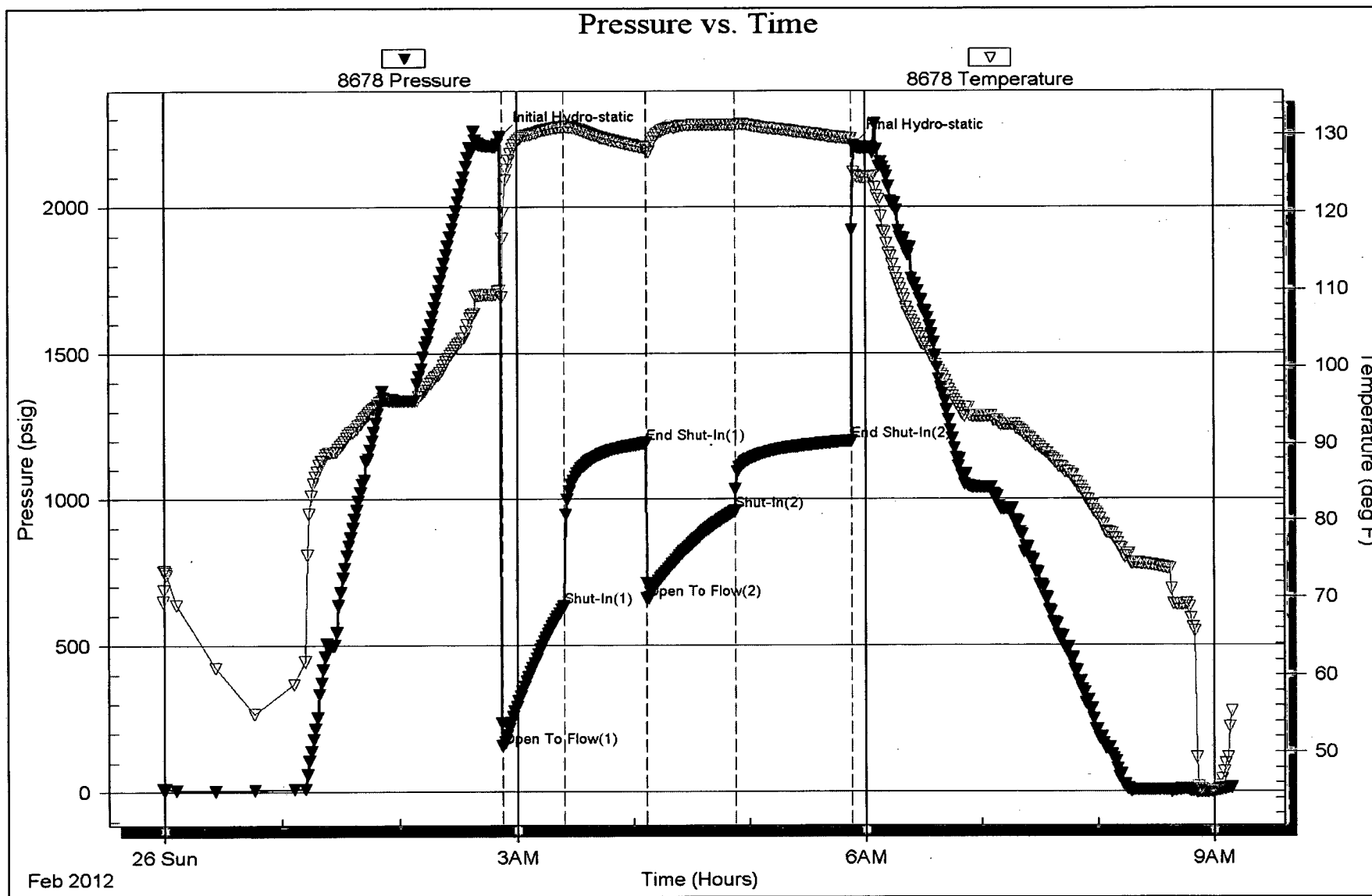
Num Gas Bombs: 0

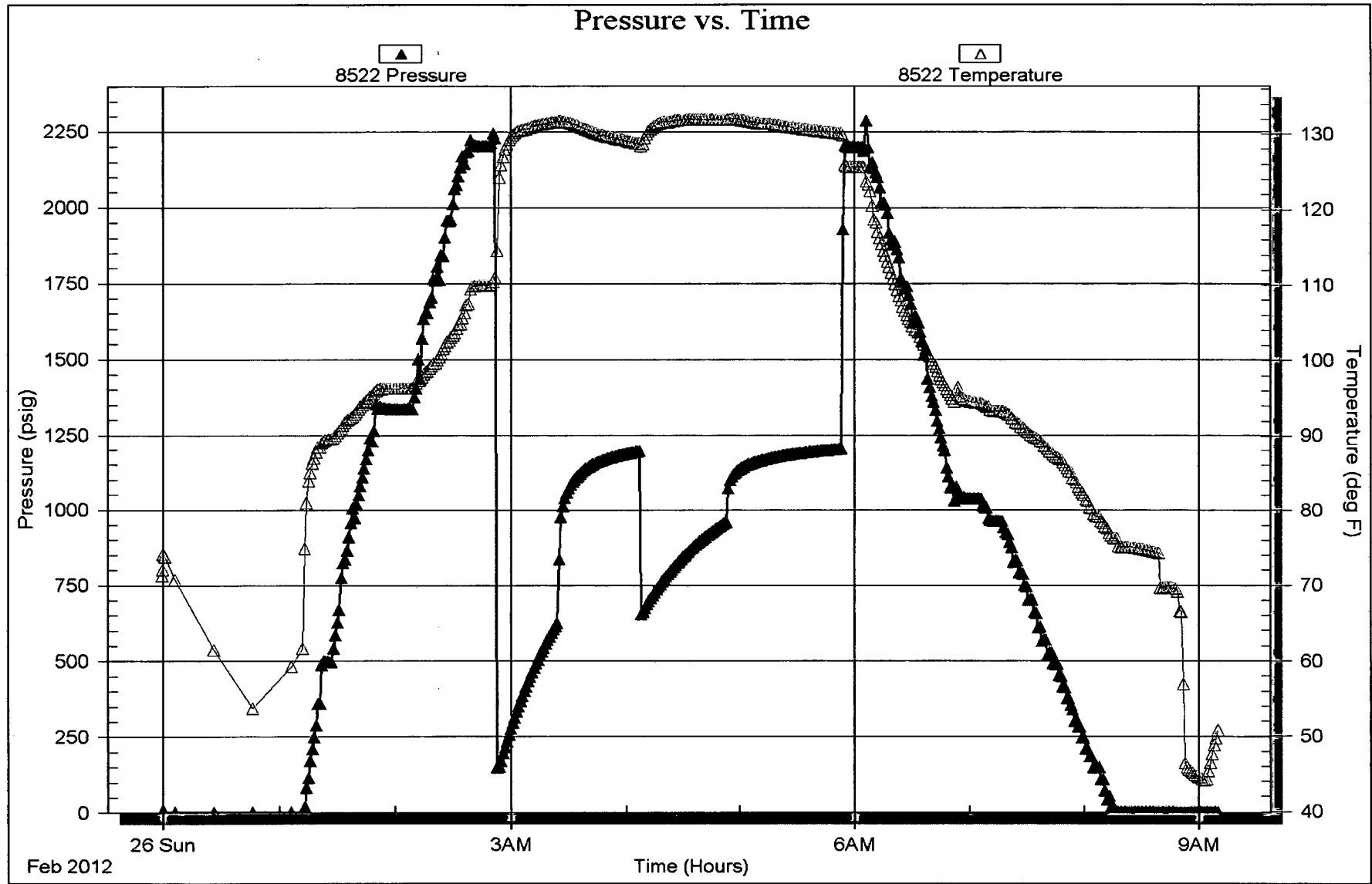
Serial #:

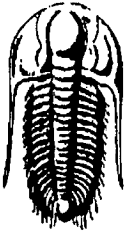
Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .220 @ 52f = 47,000ppm







TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

O'Brien Resources, LLC
 PO Box 6149
 Shreveport, La 71136
 ATTN: Kurt Talbott

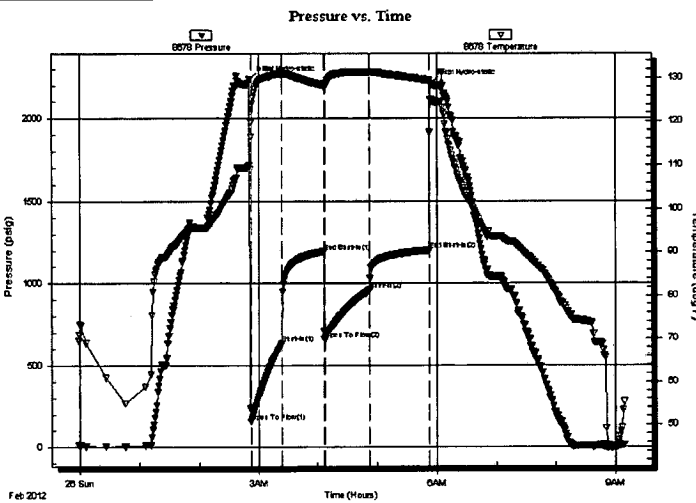
36 17s 29w Lane, Ks
Boomhower # 36-2
 Job Ticket: 44508 **DST#: 6**
 Test Start: 2012.02.25 @ 23:59:00

GENERAL INFORMATION:

Formation: **Spurgen**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 02:52:30 Tester: Bradley Walter
 Time Test Ended: 09:09:15 Unit No: 53
 Interval: **4580.00 ft (KB) To 4646.00 ft (KB) (TVD)** Reference Elevations: 2786.00 ft (KB)
 Total Depth: 4646.00 ft (KB) (TVD) 2776.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 10.00 ft

Serial #: 8678 Inside
 Press@RunDepth: 960.10 psig @ 4583.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.02.25 End Date: 2012.02.26 Last Calib.: 2012.02.26
 Start Time: 23:59:05 End Time: 09:09:15 Time On Btm: 2012.02.26 @ 02:51:15
 Time Off Btm: 2012.02.26 @ 05:53:45

TEST COMMENT: IF: BOB @ 1 min.
 IS: No return.
 FF: BOB 2 minutes.
 FS: No return.

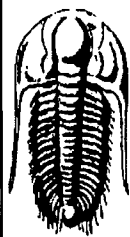


| PRESSURE SUMMARY | | | |
|------------------|-----------------|--------------|----------------------|
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
| 0 | 2235.05 | 109.99 | Initial Hydro-static |
| 2 | 156.74 | 116.57 | Open To Flow (1) |
| 33 | 633.60 | 130.99 | Shut-In(1) |
| 76 | 1194.43 | 128.28 | End Shut-In(1) |
| 76 | 659.06 | 127.92 | Open To Flow (2) |
| 122 | 960.10 | 131.28 | Shut-In(2) |
| 182 | 1200.94 | 129.43 | End Shut-In(2) |
| 183 | 2206.82 | 125.10 | Final Hydro-static |

| Recovery | | |
|-------------|------------------|--------------|
| Length (ft) | Description | Volume (bbl) |
| 620.00 | somcw 1o 15m 84w | 6.17 |
| 1430.00 | smocw 5m 5o 90w | 14.22 |
| 80.00 | oil 100o | 0.80 |
| | | |
| | | |

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

O'Brien Resources, LLC

36 17s 29w Lane, Ks

PO Box 6149
Shreveport, La 71136

Boomhower # 36-2

Job Ticket: 44508

DST#: 6

ATTN: Kurt Talbott

Test Start: 2012.02.25 @ 23:59:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API: 26 deg API

Mud Weight: 9.00 lb/gal

Cushion Length: ft

Water Salinity: 47000 ppm

Viscosity: 40.00 sec/qt

Cushion Volume: bbl

Water Loss: 4.80 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 1500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|------------------|---------------|
| 620.00 | smocw 1o 15m 84w | 6.167 |
| 1430.00 | smocw 5m 5o 90w | 14.225 |
| 80.00 | oil 100o | 0.796 |

Total Length: 2130.00 ft Total Volume: 21.188 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .220 @ 52f = 47,000ppm

