



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 # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

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

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

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

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - _____

Spot Description: _____

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

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

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

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

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



1076047

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

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

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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ 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 <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method:
 Flowing Pumping Gas Lift Other (Explain) _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	O'Brien Resources, LLC
Well Name	Boomhower 36 2
Doc ID	1076047

All Electric Logs Run

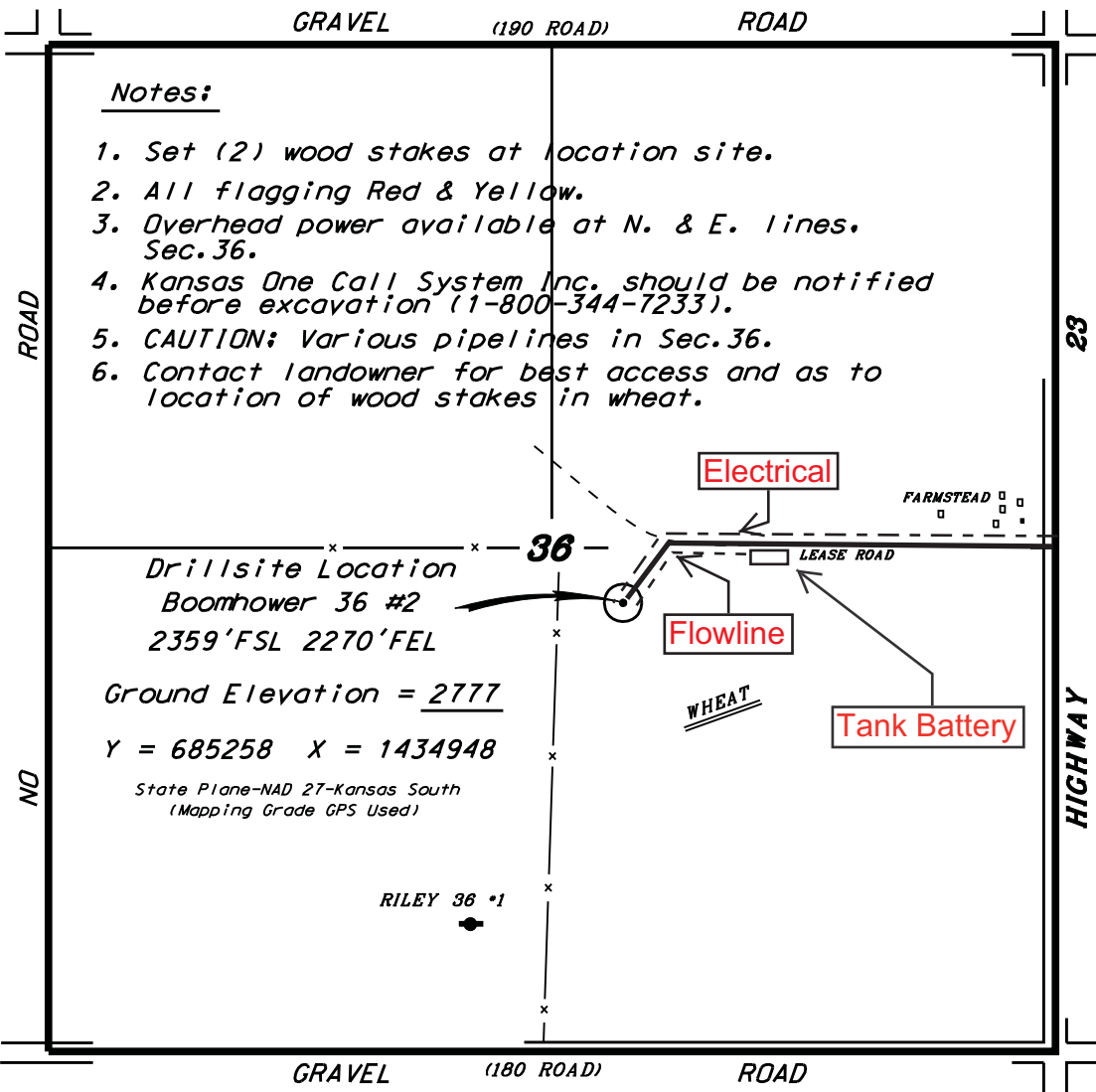
Dual Induction
Micro Log
Sonic Log
Compensated

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

GRAVEL (190 ROAD) ROAD

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

GRAVEL (180 ROAD) ROAD

*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 Oakley

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			Dighton			
MAILING ADDRESS			3 1/2 N			
CITY			W W			
STATE			TRUCK #			
ZIP CODE			DRIVER			
			TRUCK #			
			DRIVER			
			TRUCK #			
			DRIVER			

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 _____ #61 OTHER DU Tool @ 2176
 SLURRY WEIGHT 14. - 11.5 SLURRY VOL. 40 - 2.3 WATER gal/sk 6.7 - 12.3 CEMENT LEFT in CASING 42 #3
 DISPLACEMENT 74.07 DISPLACEMENT PSI _____ MIX PSI _____ RATE 4.4 1/2 BBL/min

REMARKS: Safety meeting on Maverick #108. Float equip cent #3, 5, 6
 8, 10, 12, 13, 15, 17, 18, 60. Baskets #20 #61. DU Tool Top @ #61.
 Rig up and circ 1 1/2 hrs. Pump 2 BBL water, 250 gal mud flush, 2 BBL water
 mix 250 sks OWC w/ 5# Kal-seal, wash pump + lines. Drop plug and displace
 40 BBLs water 34 BBLs mud 700 # list - 1400 # land floathold. Drop DU Bomb
 w/ 10 min open tool @ 1000 #. Circ 2 hrs. mix 20 sks MH, 30 sks RH. mix
 445 sks 60/40 @ 9 gal 1 1/4 # closeal down 4 1/2 ccs. Wash pump + lines. Drop
 plug and displace 34 1/2 BBL 600 # 1.5 # closeal @ 1400 #. Cement
 did circulate approx 34 BBL top pit. 400 sks mix @ 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	1.67	1931.18
1126	250 sks	OWC	22.55	5637.50
1131	495 sks	60/40 pos	15.10	7474.50
1118B	3406 #	Bentonite	1.25	8515.00
1110A	1250 #	Kal-Seal	.56	700.00
1107	300 124 #	fl-sal	2.82	349.68
1144G	250 gal	Mud Flush	1.00	250.00
4156	1	4 1/2 - ATFU Floath 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 - Latchdown Plug + Baffle (W)	475.00	475.00
		sub total		26379.26
		less 10% disc		2637.93
				23741.33
		SALES TAX		1205.06
		ESTIMATED TOTAL		24946.49

Ravin 3737

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.

ALLIED CEMENTING CO., LLC. 035343

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Oakley, KS

DATE <i>2/10/12</i>	SEC <i>36</i>	TWP <i>17</i>	RANGE <i>29</i>	CALLED OUT.	ON LOCATION	JOB START <i>11:30 AM</i>	JOB FINISH <i>12:00 PM</i>
LEASE <i>Blomhop 36</i>	WELL# <i>362</i>	LOCATION <i>Lighton 3 1/2 N</i>			COUNTY <i>Wm</i>	STATE <i>Ks</i>	
OLD OR NEW (Circle one) <u>NEW</u>				<i>WIND</i>			

CONTRACTOR <i>Maurick 108</i>	OWNER <i>Same</i>
TYPE OF JOB <i>Surface</i>	CEMENT
HOLE SIZE <i>10 1/4</i> T.D. <i>279'</i>	AMOUNT ORDERED <i>160 con 3 7/8" 279'</i>
CASING SIZE <i>8 5/8</i> DEPTH <i>279'</i>	<i>gub</i>
TUBING SIZE DEPTH	
DRILL PIPE DEPTH	
TOOL DEPTH	
PRES. MAX MINIMUM	COMMON <i>160 @ 16.25 2600.00</i>
MEAS. LINE SHOE JOINT	POZMIX @
CEMENT LEFT IN CSG. <i>15'</i>	GEL <i>3 @ 21.25 63.75</i>
PBRFS.	CHLORIDE <i>5 @ 58.20 291.00</i>
DISPLACEMENT <i>16.8168</i>	ASC @

EQUIPMENT

PUMP TRUCK	CEMENTER <i>Alan</i>
# <i>417</i>	HELPER <i>Wesley</i>
BULK TRUCK	
# <i>394</i>	DRIVER <i>ETP</i>
BULK TRUCK	
#	DRIVER

REMARKS:

Run Log, Circulate, Mix Cement, Displace Cement

HANDLING <i>1083Ks</i>	@ <i>2.25</i>	<i>378.00</i>
MILEAGE <i>14.5/4mils</i>	@	<i>646.00</i>
		TOTAL <i>3928.25</i>

CHARGE TO: *O'Brien Energy Resources*

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	<i>279'</i>
PUMP TRUCK CHARGE	<i>1125.00</i>
EXTRA FOOTAGE @	
MILEAGE <i>7.5 miles</i> @ <i>7.00</i>	<i>245.00</i>
MANIFOLD @	
<i>Lite Vehicle 35 miles</i> @ <i>4.00</i>	<i>140.00</i>
@	
TOTAL <i>1510.00</i>	

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 *Preston L. Dreiling*

SIGNATURE *[Signature]*

PLUG & FLOAT EQUIPMENT

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



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 @ Run Depth: 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:

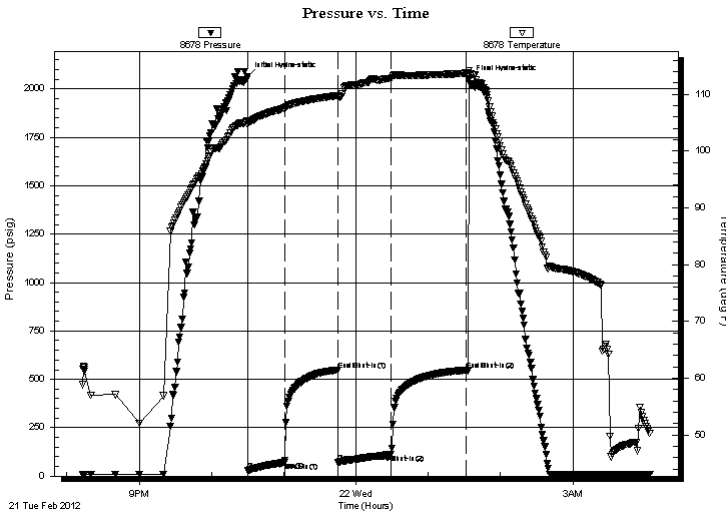
2012.02.21 @ 22:30:00

Time Off Btm:

2012.02.22 @ 01:33:45

TEST COMMENT: IF: 8 1/2" blow.
IS: No return.
FF: 8" Blow.
FS: 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

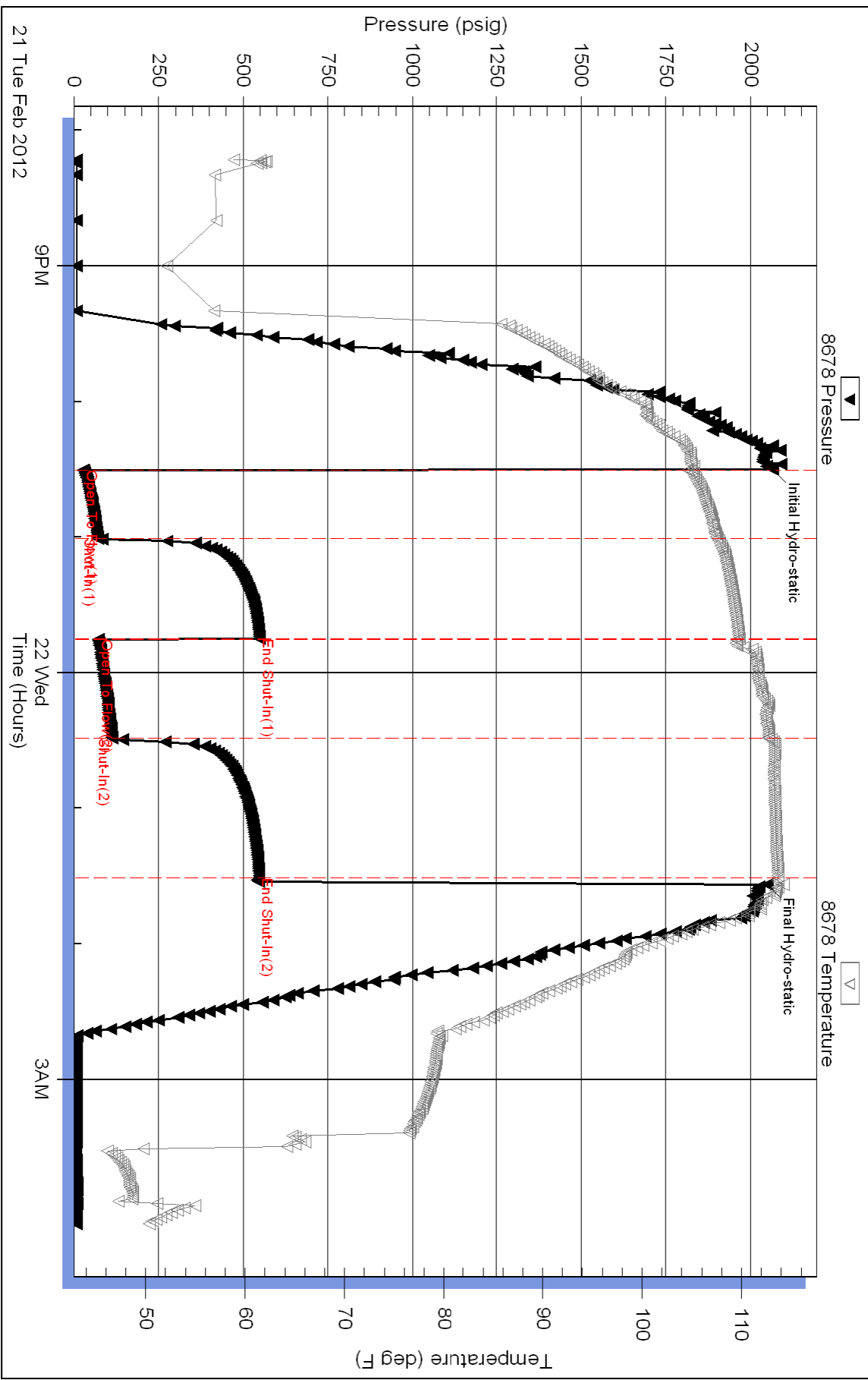
Serial #:

Laboratory Name:

Laboratory Location:

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

Pressure vs. Time





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

O'Brien Resources, LLC

36 17s 29w Lane, Ks

PO Box 6149
Shreveport, La 71136

Boomer # 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
 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
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Bradley Walter
 Unit No: 53
 Reference Elevations: 2786.00 ft (KB)
 2776.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8678

Inside

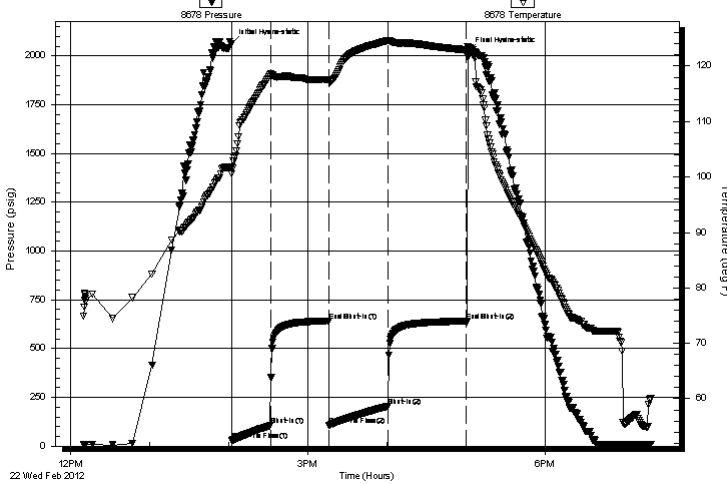
Press @ Run Depth: 205.64 psig @ 4228.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.02.22 End Date: 2012.02.22 Last Calib.: 2012.02.22
 Start Time: 12:10:05 End Time: 19:20:14 Time On Btm: 2012.02.22 @ 14:02:15
 Time Off Btm: 2012.02.22 @ 17:01:45

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

PRESSURE 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

Pressure vs. Time



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:

bbbl

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

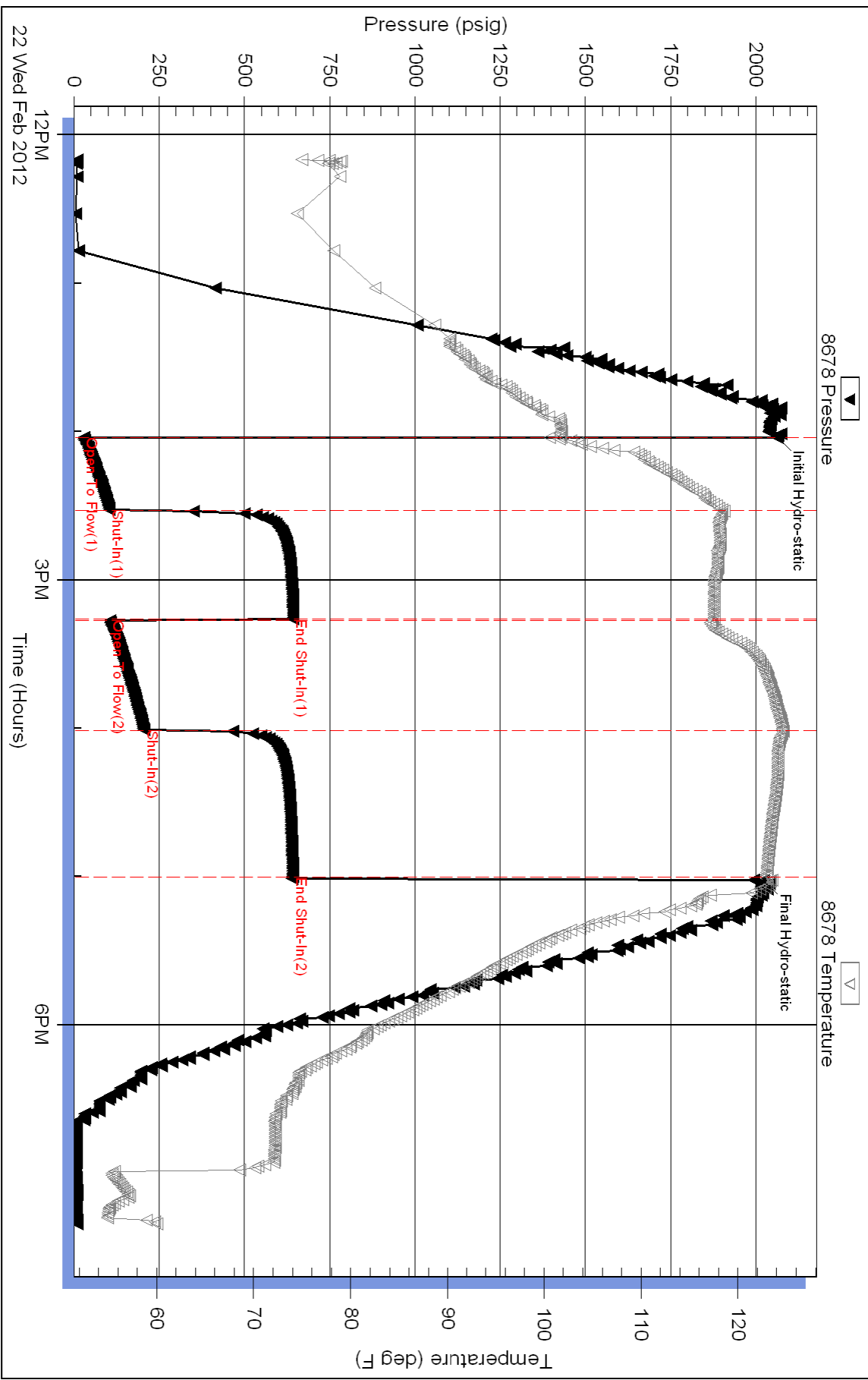
Serial #:

Laboratory Name:

Laboratory Location:

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

Pressure vs. Time





**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)**

Reference Elevations: 2786.00 ft (KB)

Total Depth: 4290.00 ft (KB) (TVD)

2776.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: **8522**

Inside

Press @ Run Depth: 107.15 psig @ 4263.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.02.23

End Date:

2012.02.23

Last Calib.: 1899.12.30

Start Time: 03:13:05

End Time:

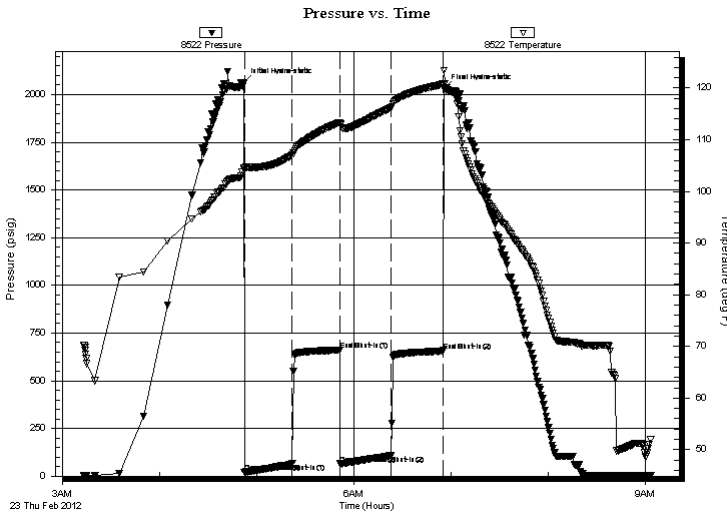
09:03:14

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 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

Boomhower # 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

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

42000 ppm

Viscosity: 42.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.38 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 bbbl
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

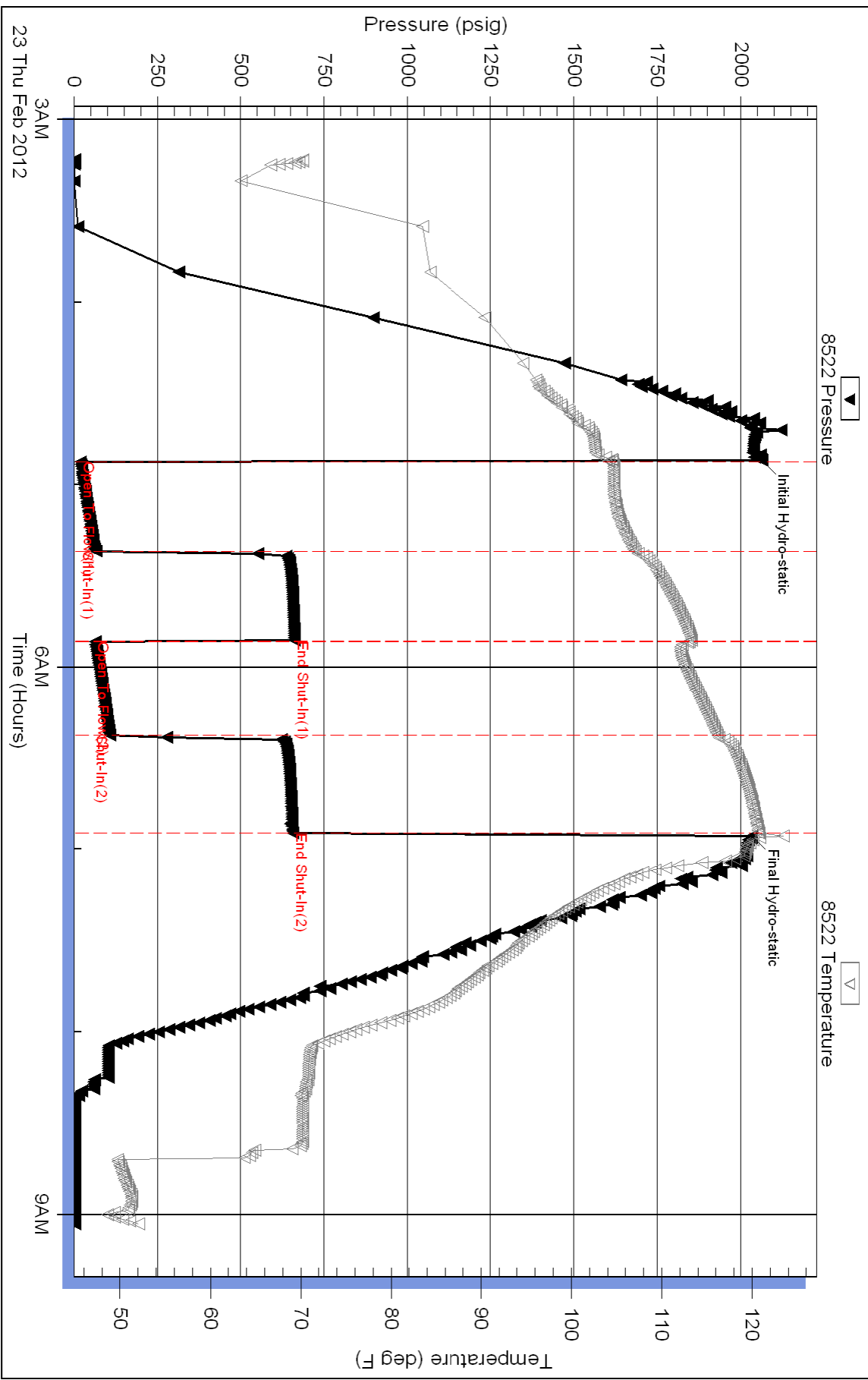
Serial #:

Laboratory Name:

Laboratory Location:

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

Pressure vs. Time





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
Boomer # 36-2
 Job Ticket: 44506 **DST#: 4**
 Test Start: 2012.02.23 @ 17:13:00

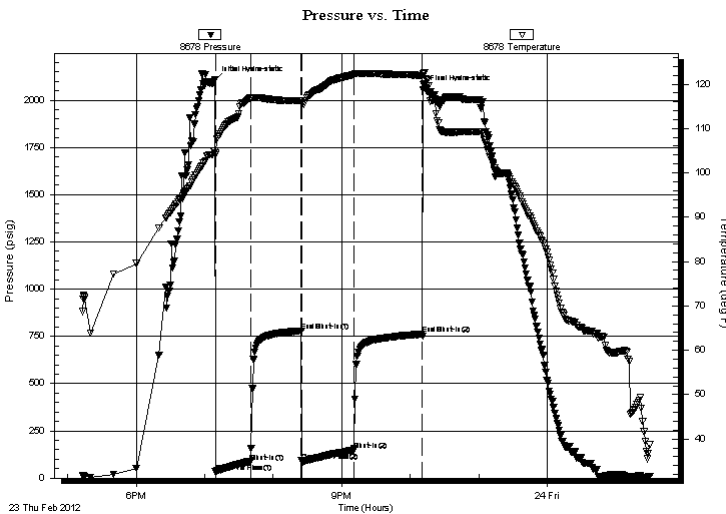
GENERAL INFORMATION:

Formation: **Pleasanton/Marmaton**
 Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 19:09:15 Tester: Bradley Walter
 Time Test Ended: 01:30:15 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 @ Run Depth: 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 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

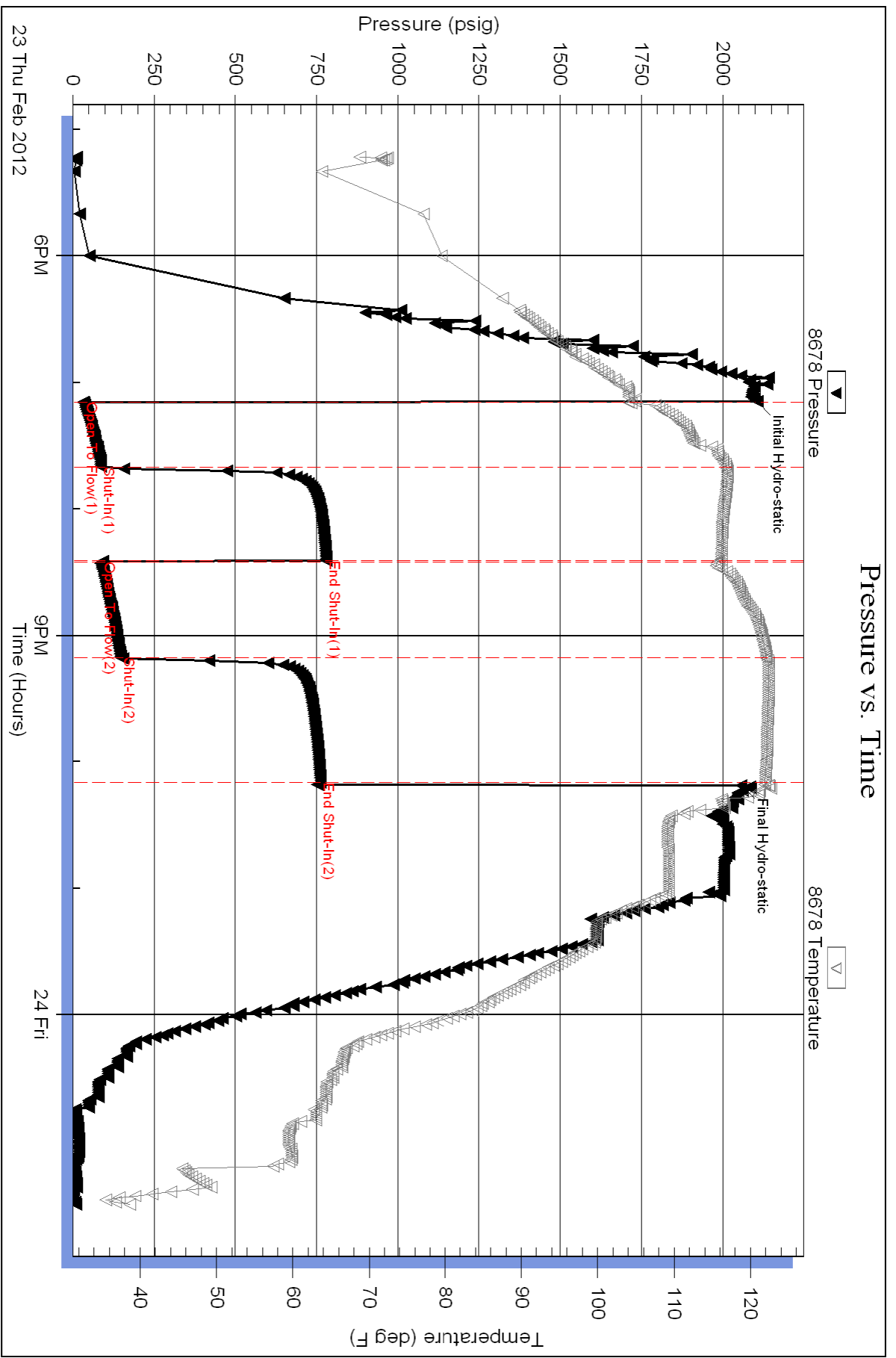
Num Gas Bombs: 0

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

Boomer # 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)**

Reference Elevations: 2786.00 ft (KB)

Total Depth: 4550.00 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: 533.05 psig @ 4488.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.02.24

End Date:

2012.02.25

Last Calib.:

2012.02.25

Start Time: 23:28:05

End Time:

09:08:00

Time On Btm:

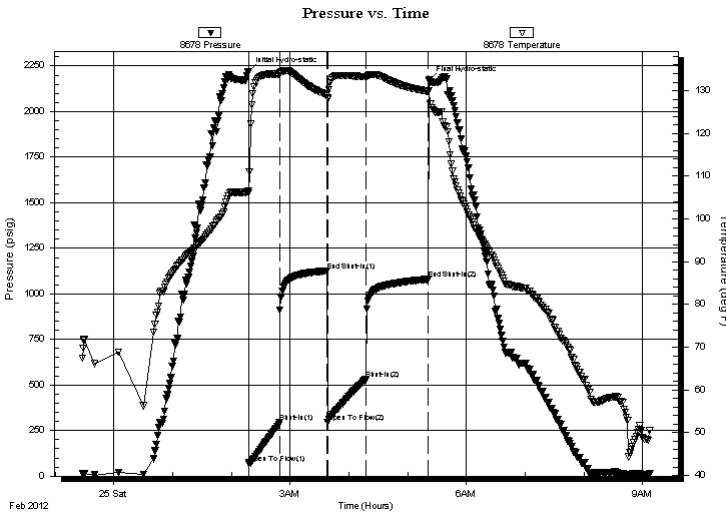
2012.02.25 @ 02:17:30

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 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

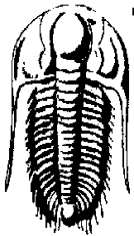
Recovery

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

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)**

Reference Elevations: 2786.00 ft (KB)

Total Depth: 4550.00 ft (KB) (TVD)

2776.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8522 Inside

Press @ Run Depth: psig @ 4488.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.02.24

End Date:

2012.02.25

Last Calib.:

2012.02.25

Start Time: 23:28:05

End Time:

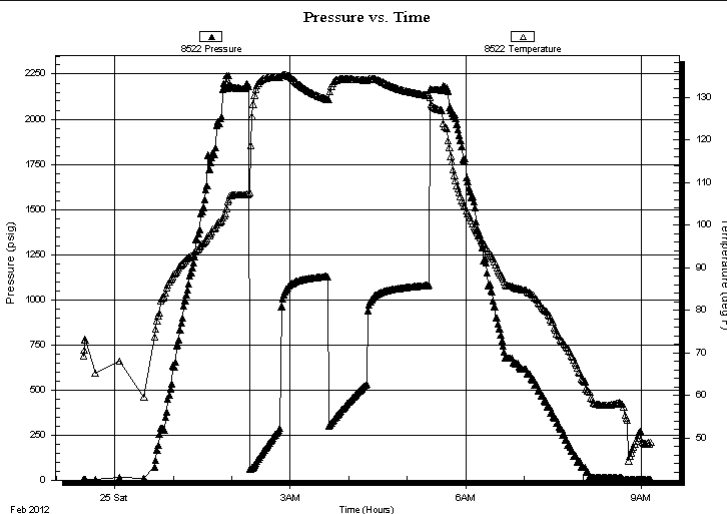
09:09:45

Time On Btm:

Time Off Btm:

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

PRESSURE SUMMARY



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

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

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: 44507

DST#: 5

ATTN: Kurt Talbott

Test Start: 2012.02.24 @ 23:28:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 47.00 sec/qt
Water Loss: 6.00 in³
Resistivity: ohm.m
Salinity: 2200.00 ppm
Filter Cake: 1.00 inches

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

Oil API: 37 deg API
Water Salinity: 0 ppm

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

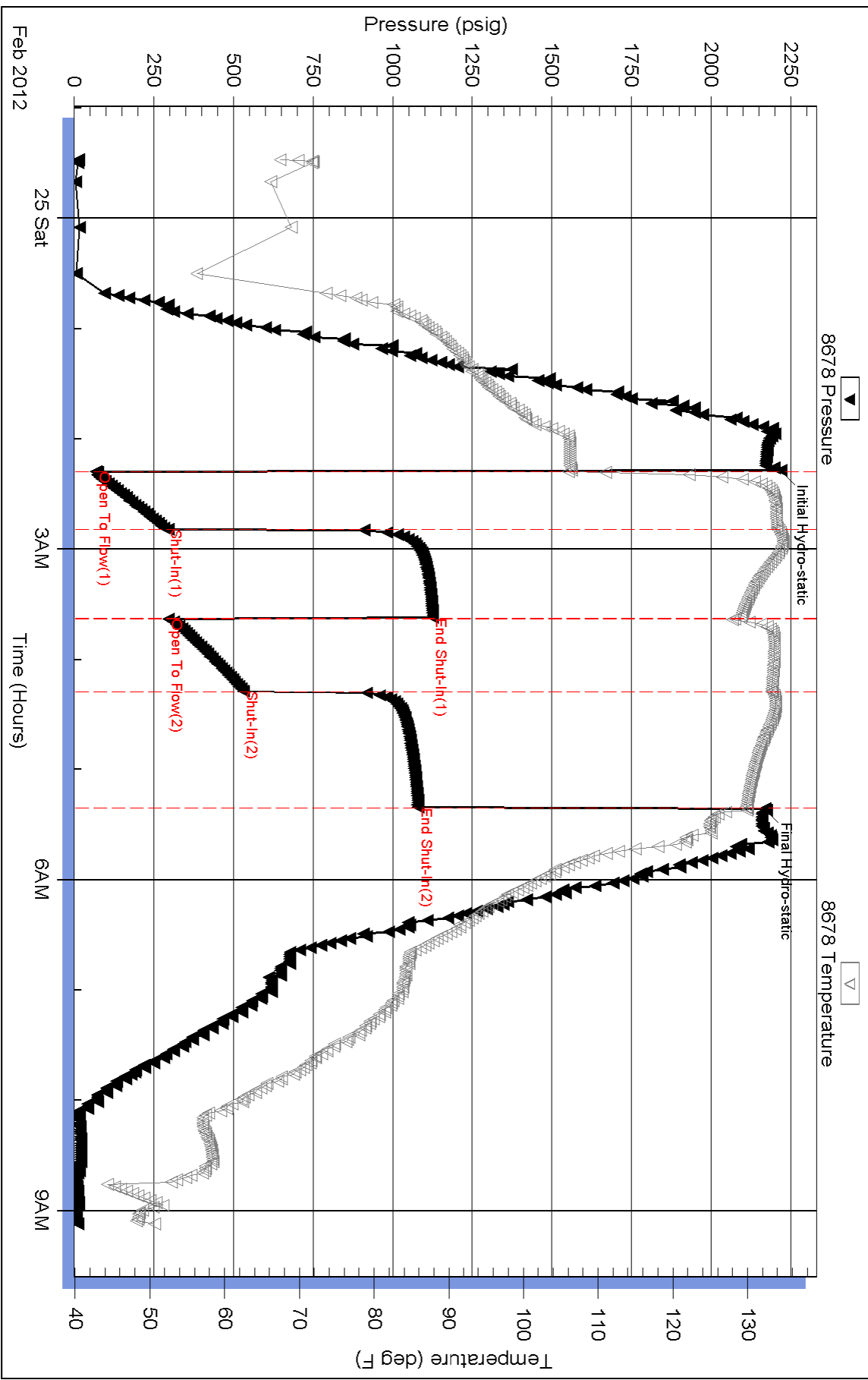
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



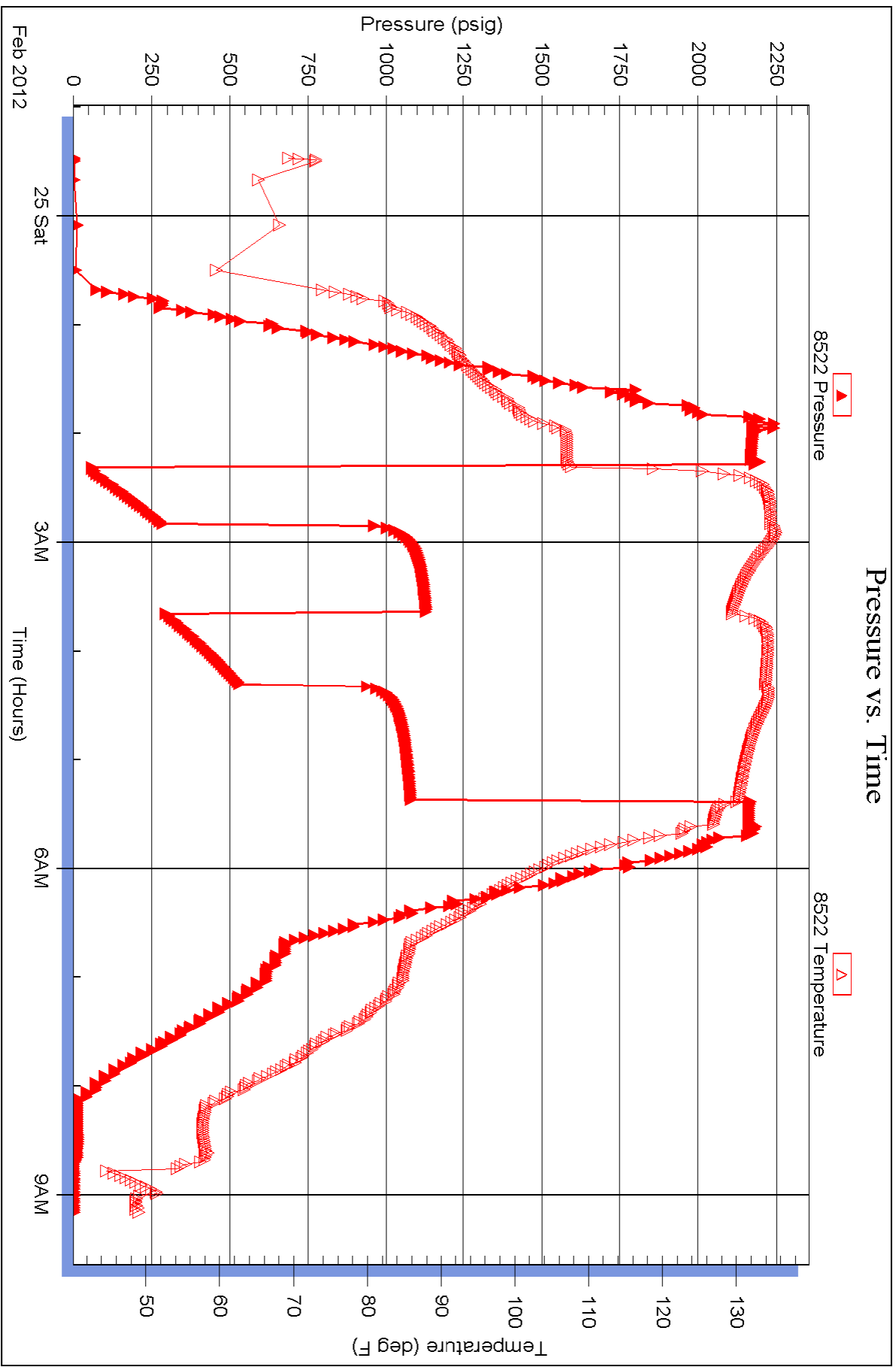
Serial #: 8522

Inside

O'Brien Resources, LLC

Boorhower # 36-2

DST Test Number: 5





**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)**

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 @ Run Depth: 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:

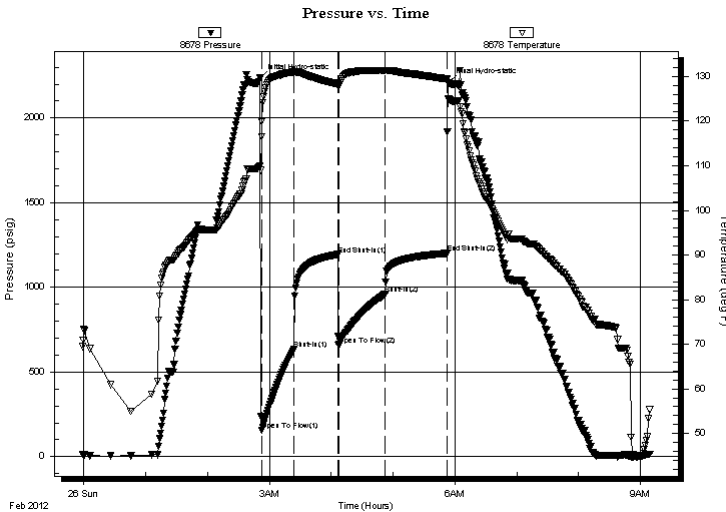
2012.02.26 @ 02:51:15

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

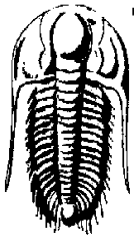
Recovery

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

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:

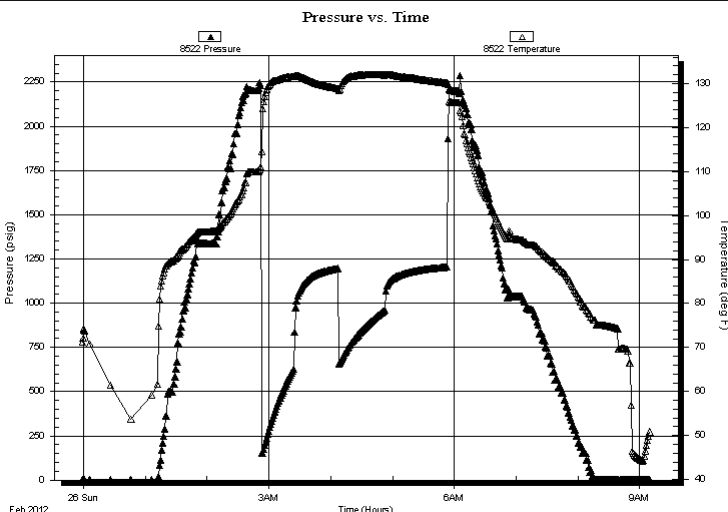
Formation: **Spurgen**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: 02:52:30 Tester: Bradley Walter
Time Test Ended: 09:09:15 Unit No: 53
Interval: 4580.00 ft (KB) To 4646.00 ft (KB) (TVD) Reference Elevations: 2786.00 ft (KB)
Total Depth: 4646.00 ft (KB)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

Serial #: 8522 Inside

Press @ Run Depth: 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

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

Boomer # 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

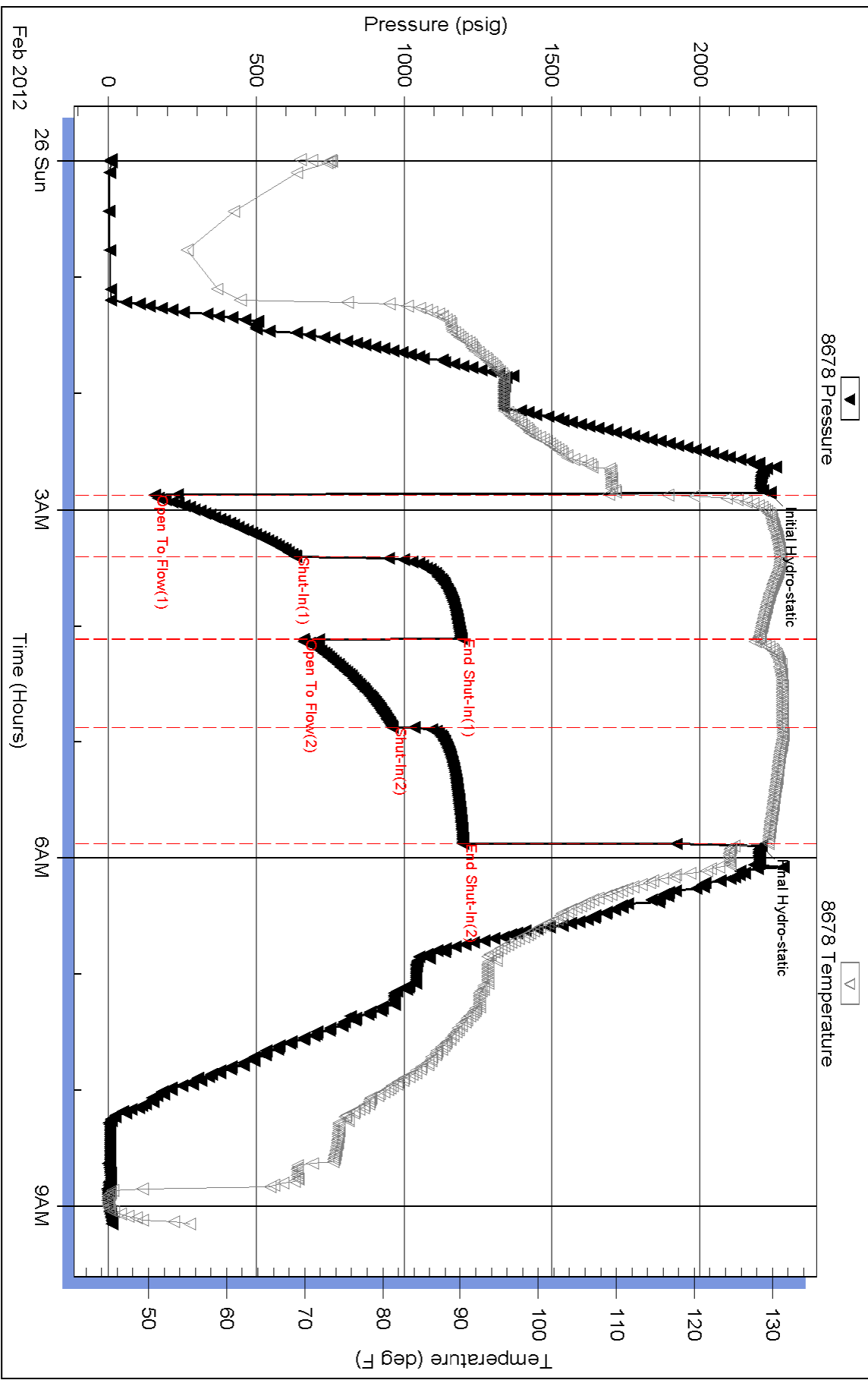
Serial #:

Laboratory Name:

Laboratory Location:

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

Pressure vs. Time



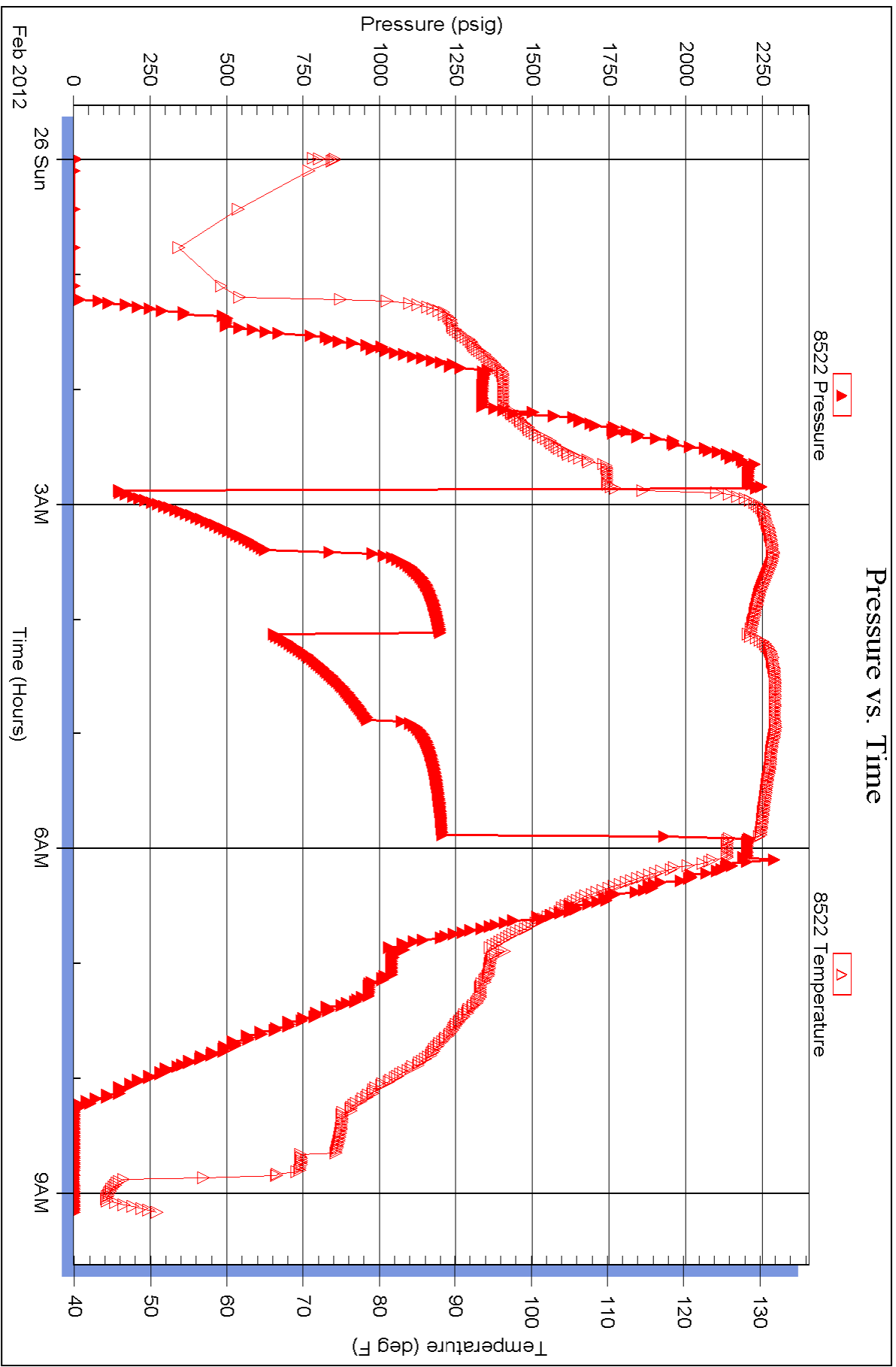
Serial #: 8522

Inside

O'Brien Resources, LLC

Boorhower # 36-2

DST Test Number: 6





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)**

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 @ Run Depth: 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:

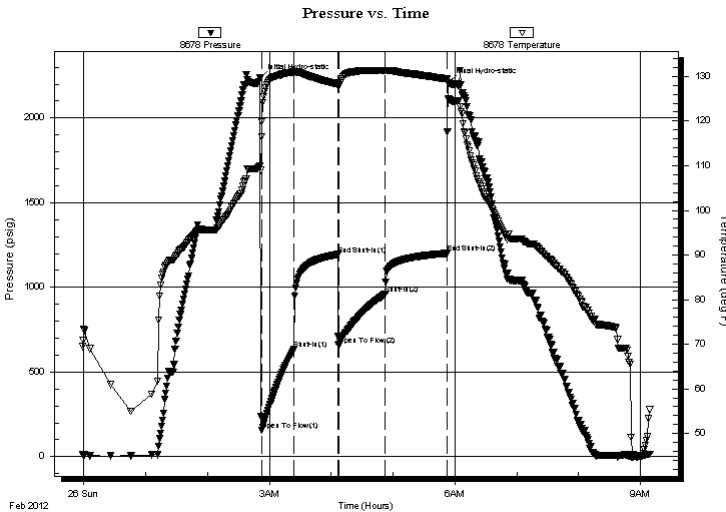
2012.02.26 @ 02:51:15

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

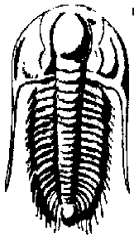
Recovery

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

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

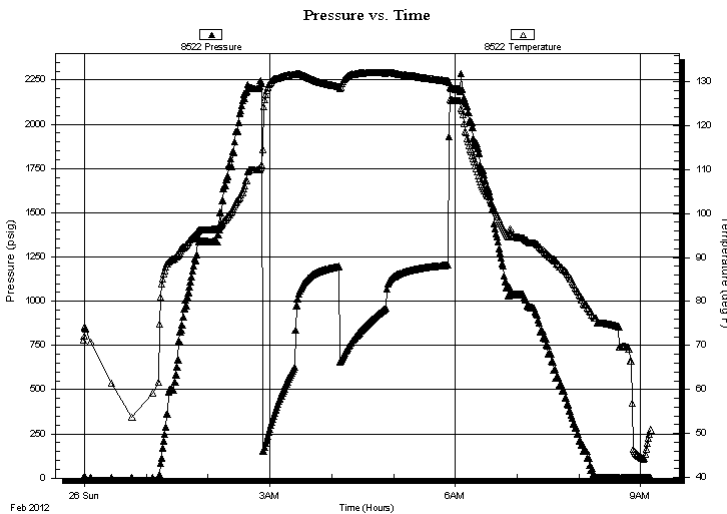
GENERAL INFORMATION:

Formation: **Spurgen**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:52:30
 Time Test Ended: 09:09:15
 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
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Bradley Walter
 Unit No: 53
 Reference Elevations: 2786.00 ft (KB)
 2776.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8522 Inside

Press @ Run Depth: 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

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

Boomer # 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

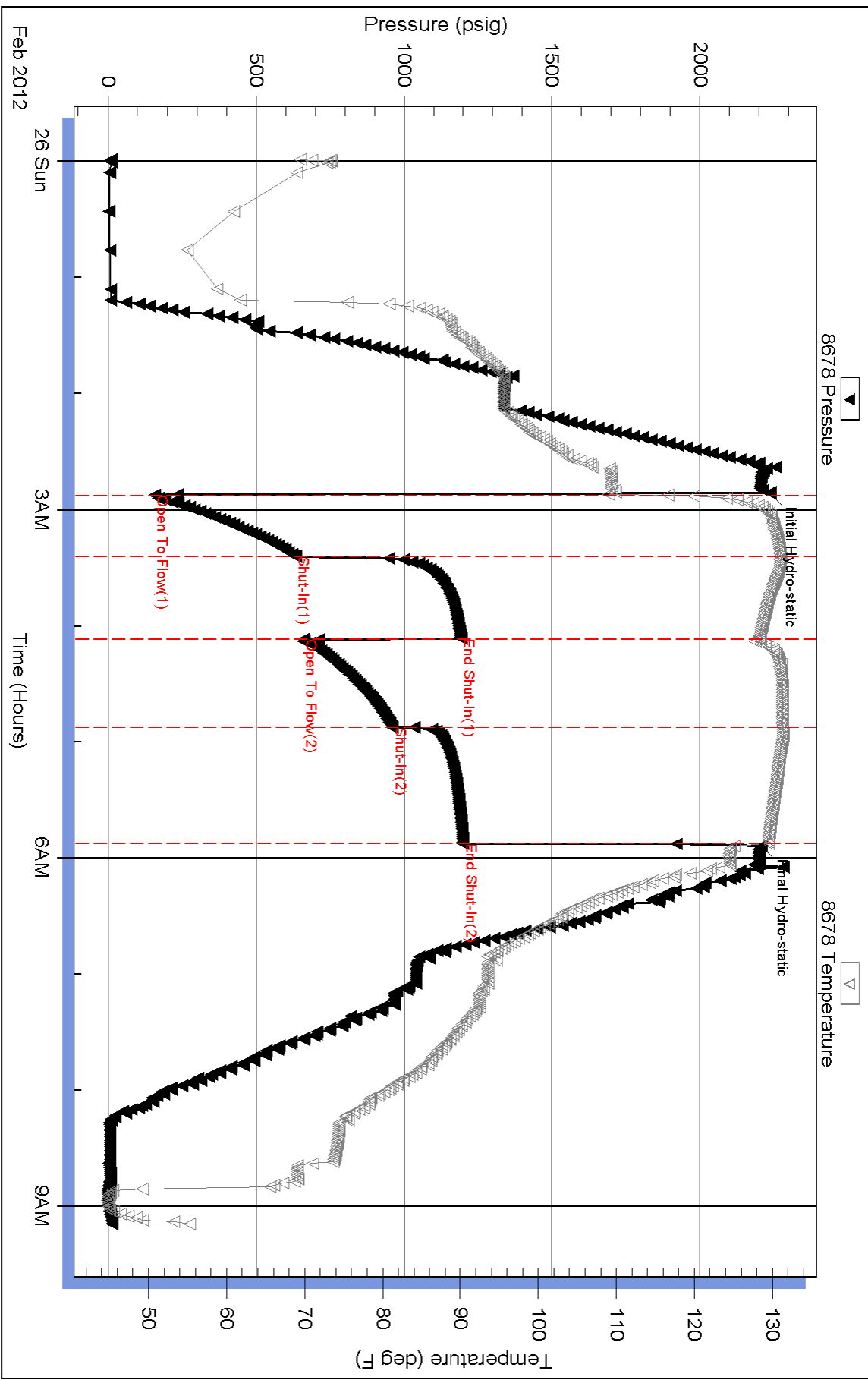
Serial #:

Laboratory Name:

Laboratory Location:

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

Pressure vs. Time



Serial #: 8522

Inside

O'Brien Resources, LLC

Boorhower # 36-2

DST Test Number: 6

