



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1155840
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

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

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

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

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

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

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

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

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

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

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

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

County: _____ Permit #: _____

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

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



1155840

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

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

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

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

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

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

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

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

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

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

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

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

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

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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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 <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	O'Brien Resources, LLC
Well Name	Jennison 1 3
Doc ID	1155840

All Electric Logs Run

Compensated Density/Neutron PE Log
Micro Log
Dual Induction
Triple Combo

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

August 20, 2013

Heather Haynes
O'Brien Resources, LLC
PO BOX 6149
SHREVEPORT, LA 71136

Re: ACO1
API 15-101-22444-00-00
Jennison 1 3
NW/4 Sec.01-17S-30W
Lane County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Heather Haynes

ALLIED OIL & GAS SERVICES, LLC 060208

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT: Oakley, KS

DATE <u>7/31/13</u>	SEC. <u>01</u>	TWP. <u>17</u>	RANGE <u>30</u>	CALLED OUT	ON LOCATION <u>7:00 p.m.</u>	JOB START <u>8:30 p.m.</u>	JOB FINISH <u>9:00 p.m.</u>
LEASE <u>Jennison</u>	WELL# <u>1-3</u>	LOCATION <u>Heally E to Eagle Rd 3/4W</u>			COUNTY <u>Lane</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)			E+S into				

CONTRACTOR Val 7
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 267
 CASING SIZE 8 5/8 DEPTH 267.48
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 15 ft
 PERFS. _____
 DISPLACEMENT 16.08
 EQUIPMENT _____

OWNER Same
 CEMENT AMOUNT ORDERED 180 sks com 3% cc
2% gel
 COMMON 180 sks @ 17.90 3,222.00
 POZMIX _____ @ _____
 GEL 3 sks @ 23.40 70.20
 CHLORIDE 6 sks @ 64.00 384.00
 ASC _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING 194.64 ft² @ 2.48 482.71
 MILEAGE 8.88 hrs @ 55 v 2.60 1,269.84
 TOTAL 5428.75

PUMP TRUCK CEMENTER La Rene Wentz
 # 423/281 HELPER Paul Beaver
 BULK TRUCK # 391/308 DRIVER Kevin Ryan
 BULK TRUCK # _____ DRIVER _____

REMARKS:
Mix 180 sks cement
Displace with water
Cement did circulate

Thank You

CHARGE TO: O'Brien Resources
 STREET _____
 CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____ 1512.25
 EXTRA FOOTAGE _____ @ _____
 MILEAGE MINU 55 @ 7.70 423.50
 MANIFOLD MILV 55 @ 4.40 242.00
Head @ 275.00

TOTAL 2,452.75

PLUG & FLOAT EQUIPMENT

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

TOTAL 2,452.75

To: Allied Oil & Gas Services, 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.

SALES TAX (If Any) _____
 TOTAL CHARGES 7,881.50
 DISCOUNT 1,970.37 IF PAID IN 30 DAYS
5,911.12 Net.

PRINTED NAME _____
 SIGNATURE [Signature]



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

O'Brien Resources, LLC

1-17s-30w Lane Co. KS

PO Box 6149
Shreveport LA, 71136

Jennison 1-3

ATTN: Kurt Talbolt

Job Ticket: 53100

DST#: 1

Test Start: 2013.08.05 @ 11:20:00

GENERAL INFORMATION:

Formation: **Lansing "A-F"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:47:15

Time Test Ended: 19:30:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Jace McKinney

Unit No: 150

Interval: **3942.00 ft (KB) To 4030.00 ft (KB) (TVD)**

Reference Elevations: 2857.00 ft (KB)

Total Depth: 4030.00 ft (KB) (TVD)

2846.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 8675 Inside

Press @ Run Depth: 74.52 psig @ 3943.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.08.05 End Date: 2013.08.05

Last Calib.: 2013.08.05

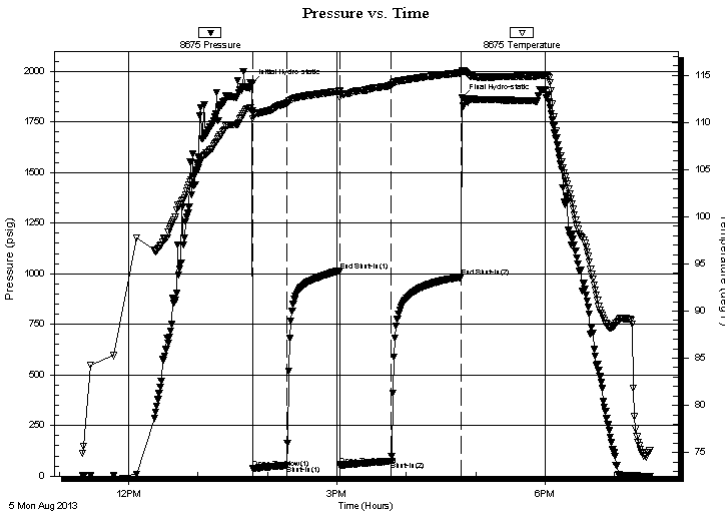
Start Time: 11:20:15 End Time: 19:30:15

Time On Btm: 2013.08.05 @ 13:46:45

Time Off Btm: 2013.08.05 @ 16:48:15

TEST COMMENT: Built to 5" blow
No return blow
Built to 2" blow
No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1939.46	111.24	Initial Hydro-static
1	40.30	110.38	Open To Flow (1)
30	52.74	112.04	Shut-In(1)
76	1015.09	113.34	End Shut-In(1)
76	54.25	112.67	Open To Flow (2)
121	74.52	114.00	Shut-In(2)
181	983.51	115.27	End Shut-In(2)
182	1867.52	115.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
122.00	100%Mud with few oil spots in tool	1.71

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

O'Brien Resources, LLC

1-17s-30w Lane Co. KS

PO Box 6149
Shreveport LA, 71136

Jennison 1-3

Job Ticket: 53100

DST#: 1

ATTN: Kurt Talbolt

Test Start: 2013.08.05 @ 11:20:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.60 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
122.00	100%Mud w ith few oil spots in tool	1.711

Total Length: 122.00 ft

Total Volume: 1.711 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

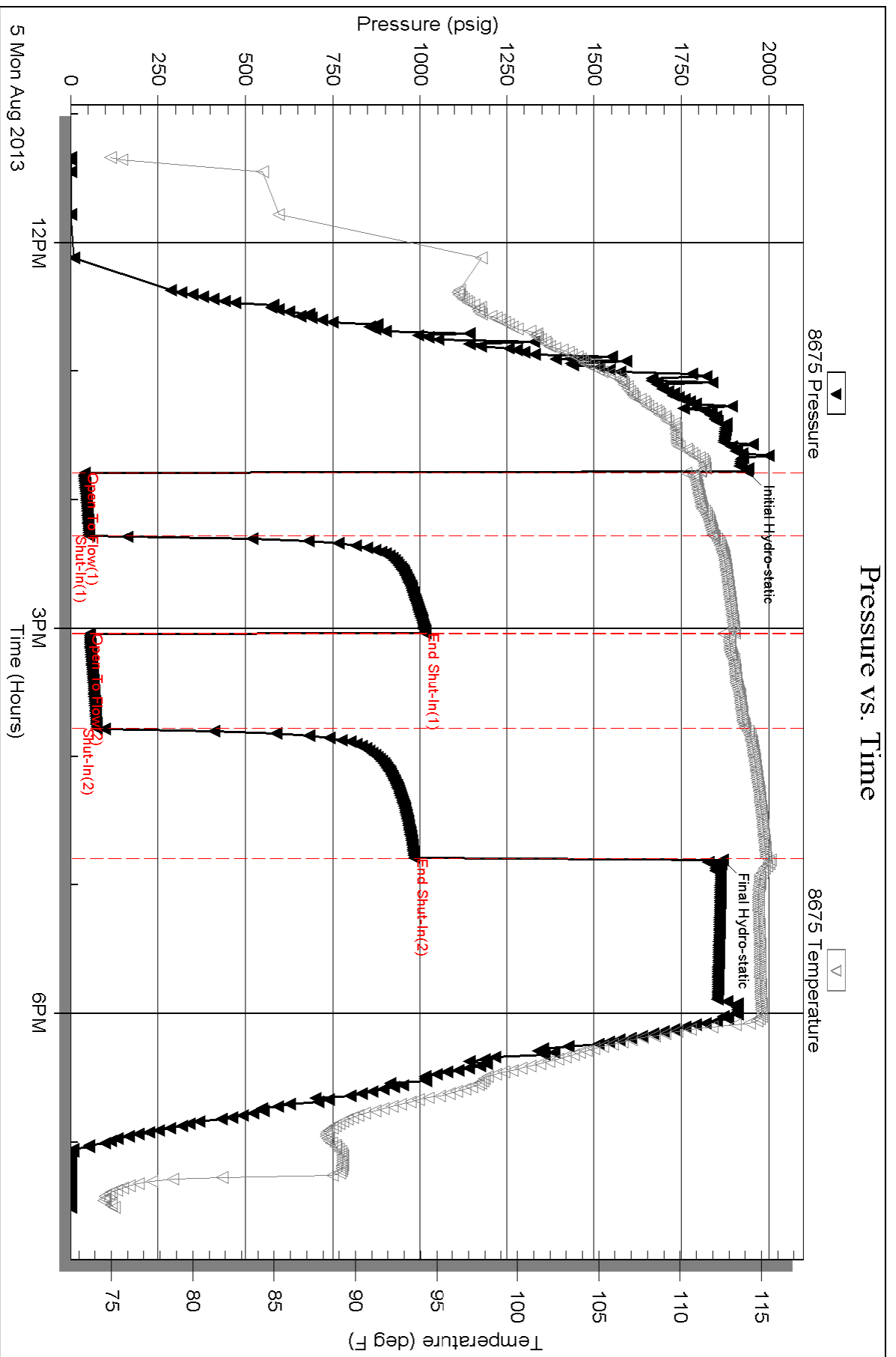
Serial #: 8675

Inside

O'Brien Resources, LLC

Jennison 1-3

DST Test Number: 1





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

O'Brien Resources, LLC

1-17s-30w Lane Co. KS

PO Box 6149
Shreveport LA, 71136

Jennison 1-3

Job Ticket: 52796

DST#: 6

ATTN: Kurt Talbolt

Test Start: 2013.08.10 @ 13:33:00

GENERAL INFORMATION:

Formation: **Cherokee Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:43:40

Time Test Ended: 21:40:50

Test Type: Conventional Straddle (Reset)

Tester: Chuck Smith

Unit No: 62

Interval: 4483.00 ft (KB) To 4555.00 ft (KB) (TVD)

Reference Elevations: 2857.00 ft (KB)

Total Depth: 4668.00 ft (KB) (TVD)

2846.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8018

Inside

Press @ RunDepth: 48.19 psig @ 4484.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.08.10

End Date:

2013.08.10

Last Calib.:

2013.08.10

Start Time: 13:33:02

End Time:

21:40:50

Time On Btm:

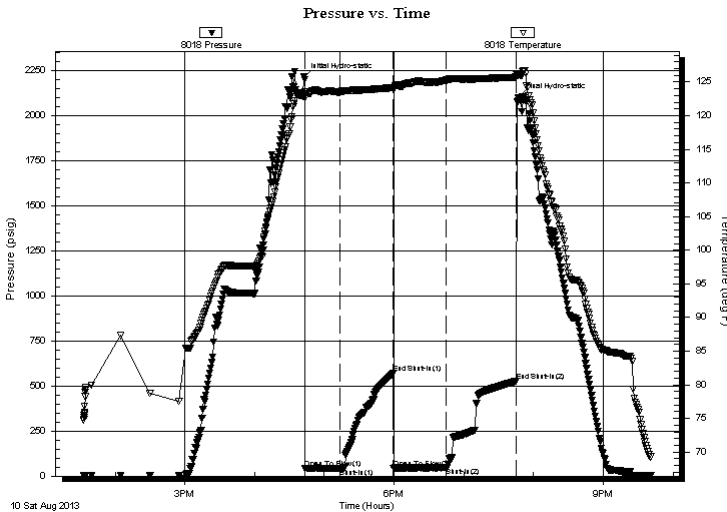
2013.08.10 @ 16:42:20

Time Off Btm:

2013.08.10 @ 19:47:00

TEST COMMENT: Surface blow .
No return.
No blow .
No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2215.70	123.11	Initial Hydro-static
2	42.37	122.69	Open To Flow (1)
32	44.92	123.52	Shut-In(1)
77	569.34	124.16	End Shut-In(1)
78	44.53	123.92	Open To Flow (2)
123	48.19	125.27	Shut-In(2)
183	527.97	125.72	End Shut-In(2)
185	2103.72	125.96	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	M100m	0.14

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

1-17s-30w Lane Co. KS

PO Box 6149
Shreveport LA, 71136

Jennison 1-3

Job Ticket: 52796

DST#: 6

ATTN: Kurt Talbolt

Test Start: 2013.08.10 @ 13:33:00

GENERAL INFORMATION:

Formation: **Cherokee Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:43:40

Time Test Ended: 21:40:50

Test Type: Conventional Straddle (Reset)

Tester: Chuck Smith

Unit No: 62

Interval: **4483.00 ft (KB) To 4555.00 ft (KB) (TVD)**

Reference Elevations: 2857.00 ft (KB)

Total Depth: 4668.00 ft (KB) (TVD)

2846.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8357 Below (Straddle)

Press @ Run Depth: psig @ 4571.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.08.10 End Date: 2013.08.10

Last Calib.: 2013.08.10

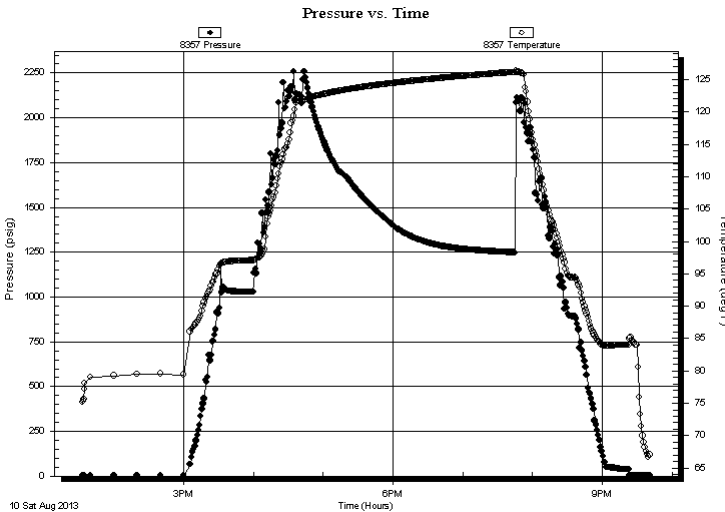
Start Time: 13:33:05 End Time: 21:40:44

Time On Btm:

Time Off Btm:

TEST COMMENT: Surface blow .
No return.
No blow .
No return.

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
10.00	M 100m	0.14

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

1-17s-30w Lane Co. KS

PO Box 6149
Shreveport LA, 71136

Jennison 1-3

Job Ticket: 52796

DST#: 6

ATTN: Kurt Talbolt

Test Start: 2013.08.10 @ 13:33:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.40 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	M 100m	0.140

Total Length: 10.00 ft Total Volume: 0.140 bbl

Num Fluid Samples: 0

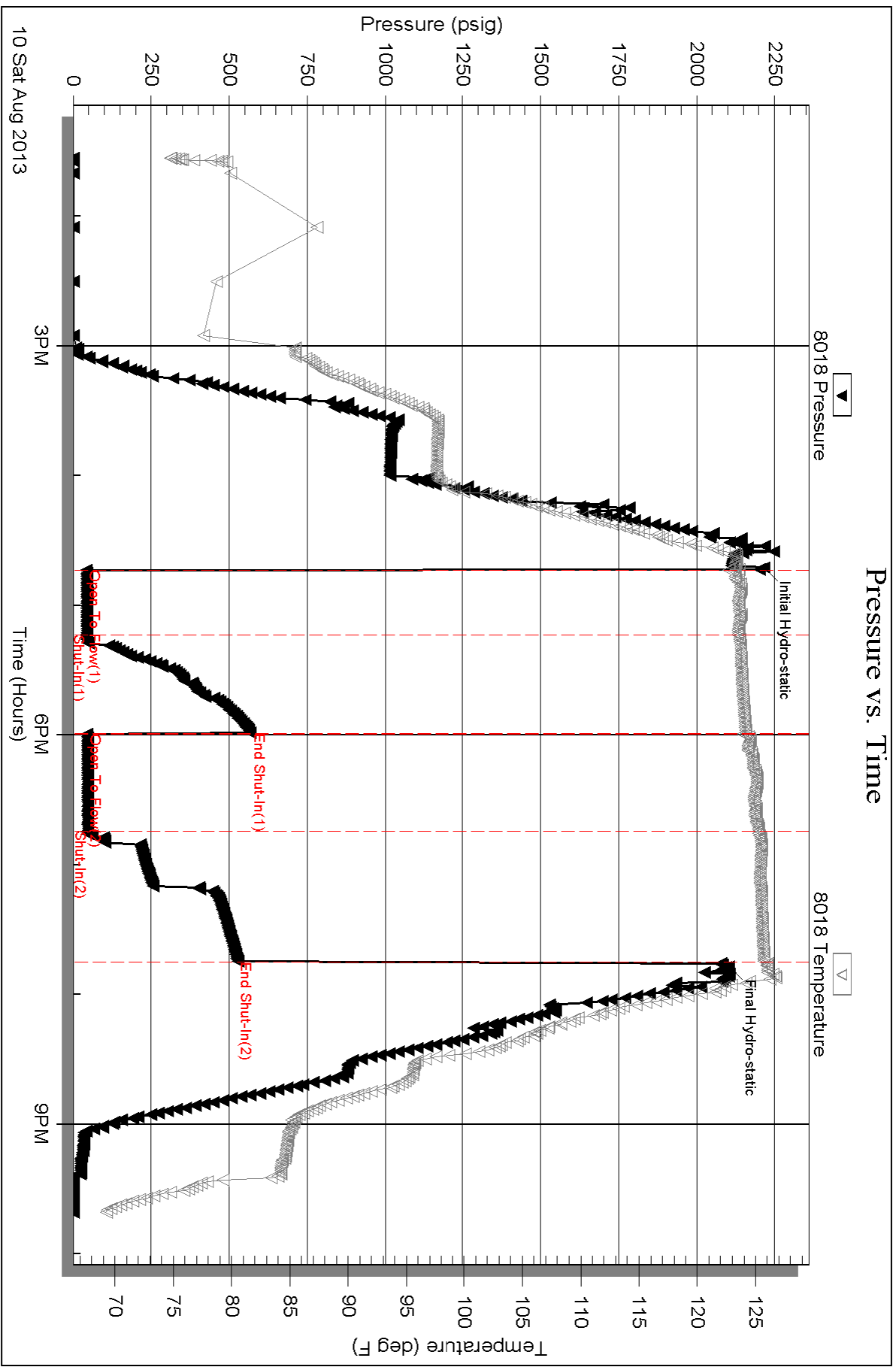
Num Gas Bombs: 0

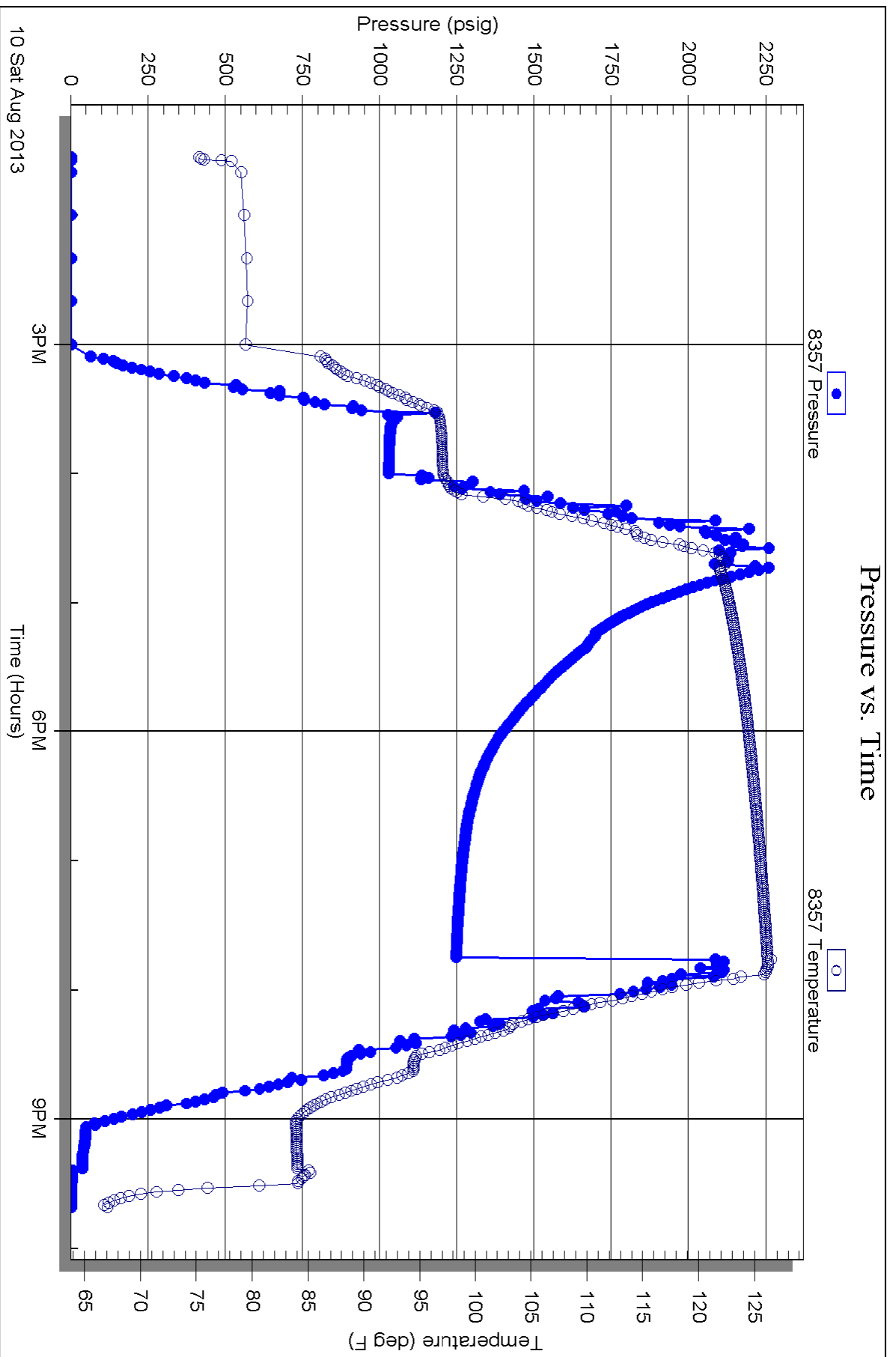
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

O'Brien Resources, LLC

1-17s-30w Lane Co. KS

PO Box 6149
Shreveport LA, 71136

Jennison 1-3

Job Ticket: 52954

DST#: 5

ATTN: Kurt Talbolt

Test Start: 2013.08.09 @ 08:20:00

GENERAL INFORMATION:

Formation: **Johnson Zone**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:15:30

Time Test Ended: 15:02:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Jace McKinney

Unit No: 150

Interval: 4501.00 ft (KB) To 4535.00 ft (KB) (TVD)

Reference Elevations: 2857.00 ft (KB)

Total Depth: 4535.00 ft (KB) (TVD)

2846.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 8675

Inside

Press @ Run Depth: 29.03 psig @ 4502.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.08.09

End Date:

2013.08.09

Last Calib.:

2013.08.09

Start Time: 08:20:15

End Time:

15:02:45

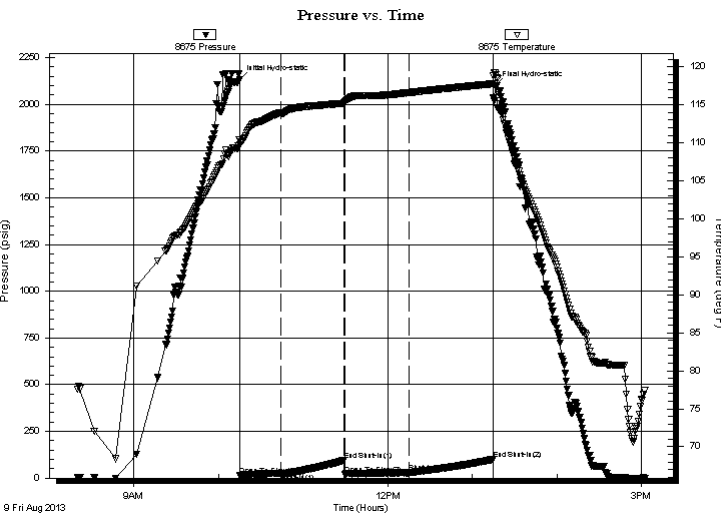
Time On Btm:

2013.08.09 @ 10:15:00

Time Off Btm:

2013.08.09 @ 13:16:15

TEST COMMENT: Built to 2 1/2" blow
No return blow
Built to 3" blow
No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2134.22	110.35	Initial Hydro-static
1	14.92	109.77	Open To Flow (1)
29	24.70	113.98	Shut-In(1)
75	95.37	115.22	End Shut-In(1)
75	20.73	115.35	Open To Flow (2)
120	29.03	116.61	Shut-In(2)
180	100.50	117.78	End Shut-In(2)
182	2101.87	119.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	50 Feet Weak Gas In Pipe	0.00
40.00	gcom 10%G 20%O 70 %M	0.56

* 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

1-17s-30w Lane Co. KS

PO Box 6149
Shreveport LA, 71136

Jennison 1-3

Job Ticket: 52954

DST#: 5

ATTN: Kurt Talbolt

Test Start: 2013.08.09 @ 08:20:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	50 Feet Weak Gas In Pipe	0.000
40.00	gcom 10%G 20%O 70 %M	0.561

Total Length: 40.00 ft Total Volume: 0.561 bbl

Num Fluid Samples: 0

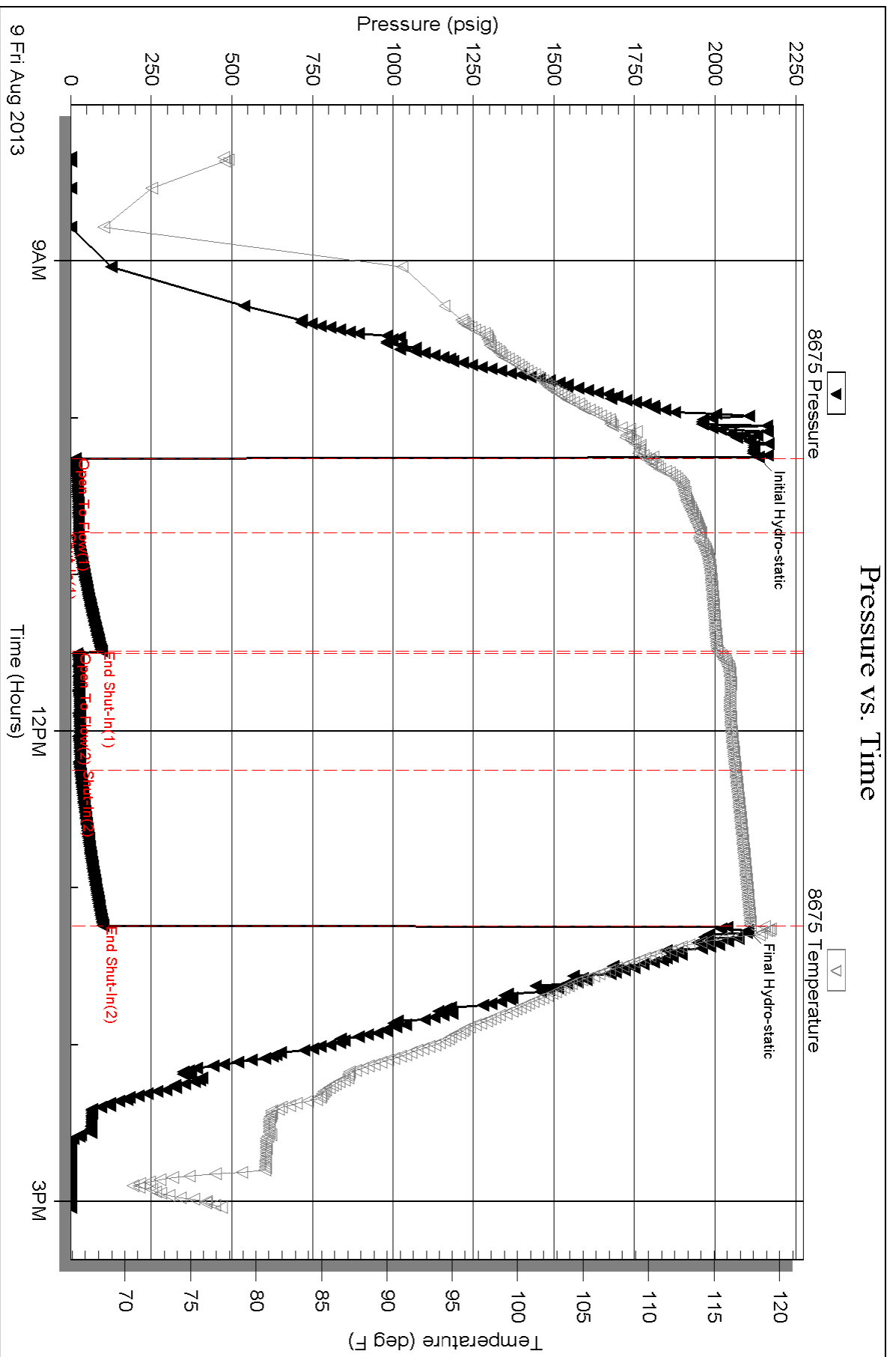
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

O'Brien Resources, LLC

1-17s-30w Lane Co. KS

PO Box 6149
Shreveport LA, 71136

Jennison 1-3

ATTN: Kurt Talbolt

Job Ticket: 52953

DST#: 4

Test Start: 2013.08.08 @ 16:55:00

GENERAL INFORMATION:

Formation: **Fort Scott & Cherokee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:36:45

Time Test Ended: 22:06:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Jace McKinney

Unit No: 150

Interval: 4409.00 ft (KB) To 4495.00 ft (KB) (TVD)

Reference Elevations: 2857.00 ft (KB)

Total Depth: 4495.00 ft (KB) (TVD)

2846.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 8675

Inside

Press @ Run Depth: 29.60 psig @ 4410.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.08.08

End Date:

2013.08.08

Last Calib.:

2013.08.08

Start Time: 16:55:15

End Time:

22:06:00

Time On Btm:

2013.08.08 @ 18:36:30

Time Off Btm:

2013.08.08 @ 20:36:30

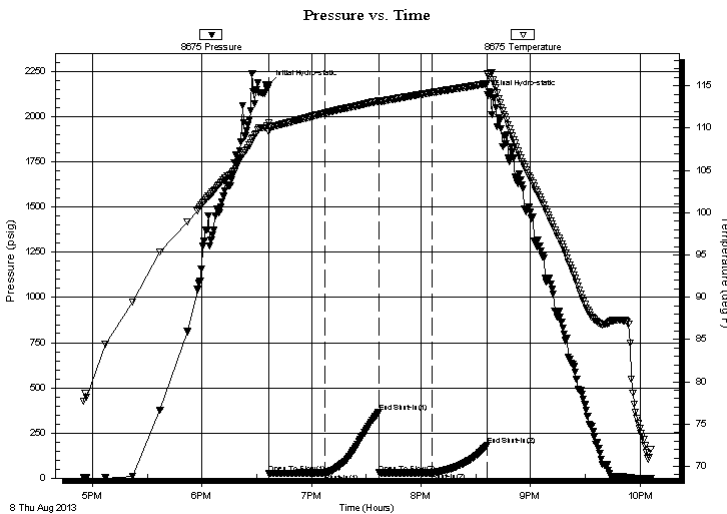
TEST COMMENT: Built to 1 1/2" died to 1" blow

No return blow

No blow

No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2175.66	110.59	Initial Hydro-static
1	26.88	109.60	Open To Flow (1)
31	28.78	111.78	Shut-In(1)
61	363.15	113.21	End Shut-In(1)
61	28.68	113.10	Open To Flow (2)
90	29.60	114.21	Shut-In(2)
120	183.53	115.26	End Shut-In(2)
120	2120.73	116.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	100% Mud w with few oil spots in tool	0.42

* 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

1-17s-30w Lane Co. KS

PO Box 6149
Shreveport LA, 71136

Jennison 1-3

Job Ticket: 52953

DST#: 4

ATTN: Kurt Talbolt

Test Start: 2013.08.08 @ 16:55:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	100% Mud w ith few oil spots in tool	0.421

Total Length: 30.00 ft Total Volume: 0.421 bbl

Num Fluid Samples: 0

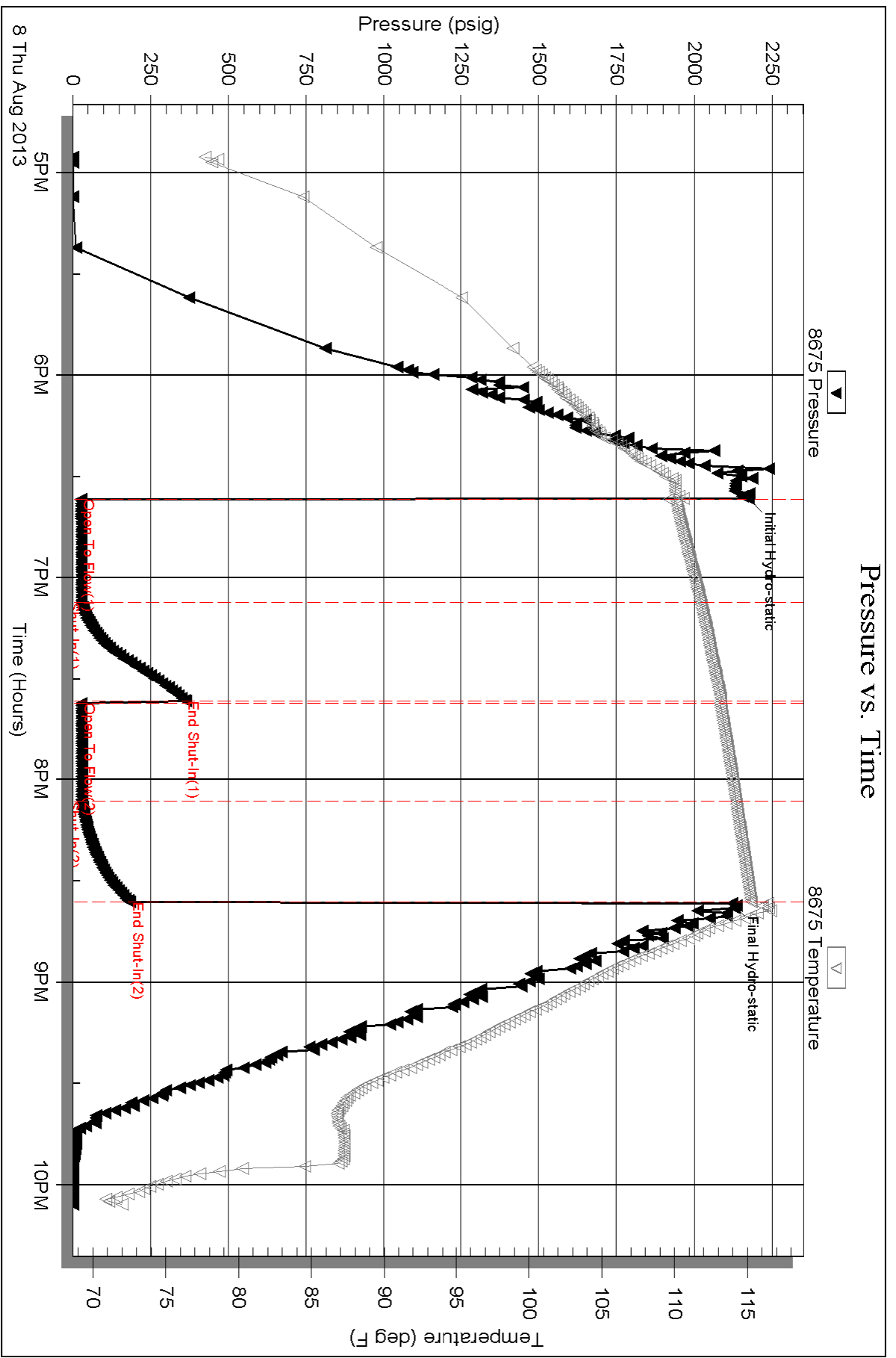
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

O'Brien Resources, LLC

1-17s-30w Lane Co. KS

PO Box 6149
Shreveport LA, 71136

Jennison 1-3

Job Ticket: 52952

DST#: 3

ATTN: Kurt Talbolt

Test Start: 2013.08.07 @ 18:15:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:56:00

Time Test Ended: 00:42:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Jace McKinney

Unit No: 150

Interval: 4275.00 ft (KB) To 4390.00 ft (KB) (TVD)

Reference Elevations: 2857.00 ft (KB)

Total Depth: 4390.00 ft (KB) (TVD)

2846.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 8675

Inside

Press @ Run Depth: 331.72 psig @ 4276.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.08.07

End Date:

2013.08.08

Last Calib.:

2013.08.08

Start Time:

18:15:15

End Time:

00:42:30

Time On Btm:

2013.08.07 @ 19:55:45

Time Off Btm:

2013.08.07 @ 22:56:15

TEST COMMENT:

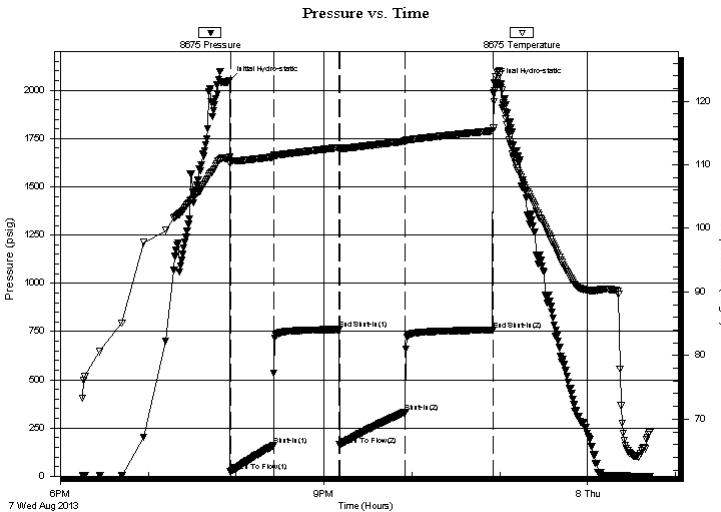
B.O.B. in 11 min.

Bled off for 5 min. No return blow

B.O.B. in 15 min.

Bled off for 5 min. No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2050.97	111.18	Initial Hydro-static
1	23.28	110.26	Open To Flow (1)
30	158.92	111.24	Shut-In(1)
75	76.55	112.71	End Shut-In(1)
75	162.00	112.47	Open To Flow (2)
120	331.72	113.70	Shut-In(2)
180	757.34	115.35	End Shut-In(2)
181	2041.51	119.96	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
625.00	100% Water	8.77

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

1-17s-30w Lane Co. KS

PO Box 6149
Shreveport LA, 71136

Jennison 1-3

Job Ticket: 52952

DST#: 3

ATTN: Kurt Talbolt

Test Start: 2013.08.07 @ 18:15:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

50000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
625.00	100% Water	8.767

Total Length: 625.00 ft Total Volume: 8.767 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

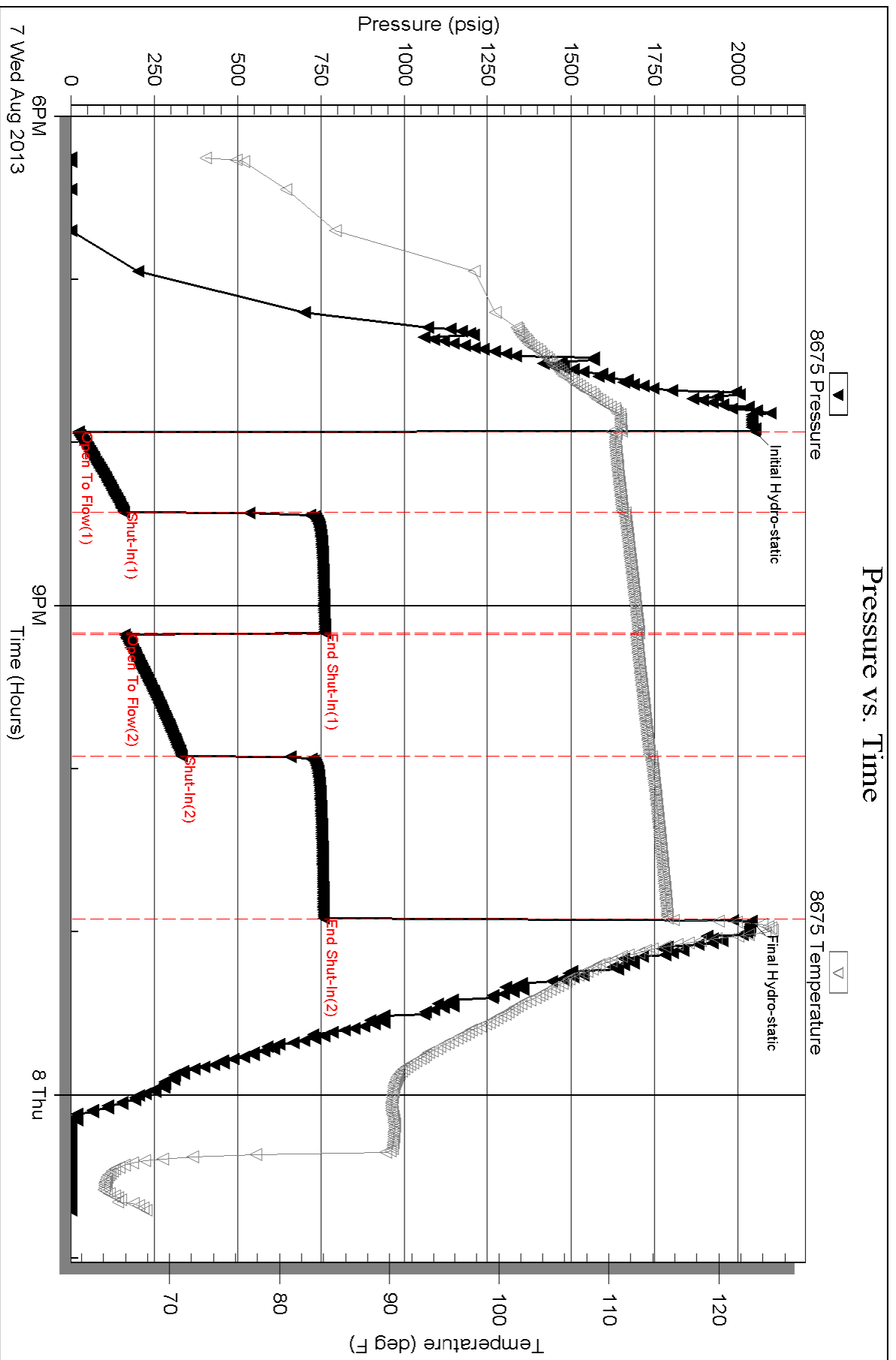
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .15 @ 70 F = 50,000

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

O'Brien Resources, LLC

1-17s-30w Lane Co. KS

PO Box 6149
Shreveport LA, 71136

Jennison 1-3

Job Ticket: 52951

DST#: 2

ATTN: Kurt Talbolt

Test Start: 2013.08.06 @ 18:00:00

GENERAL INFORMATION:

Formation: **Kansas City "K&L"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:44:15

Time Test Ended: 00:30:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Jace McKinney

Unit No: 150

Interval: 4199.00 ft (KB) To 4267.00 ft (KB) (TVD)

Reference Elevations: 2857.00 ft (KB)

Total Depth: 4267.00 ft (KB) (TVD)

2846.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 8675

Inside

Press @ Run Depth: 89.08 psig @ 4200.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.08.06

End Date:

2013.08.07

Last Calib.:

2013.08.07

Start Time: 18:00:15

End Time:

00:30:30

Time On Btm:

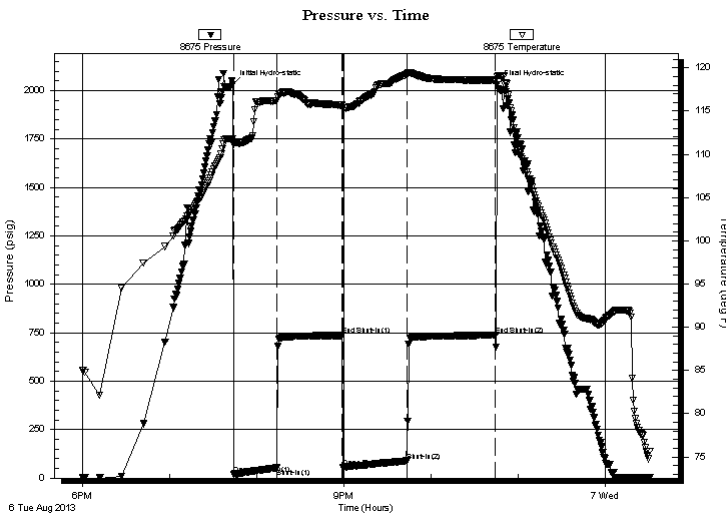
2013.08.06 @ 19:43:30

Time Off Btm:

2013.08.06 @ 22:45:15

TEST COMMENT: Built to 6" blow
No return blow
Built to 4" blow
No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2029.69	111.79	Initial Hydro-static
1	21.09	111.14	Open To Flow (1)
31	52.84	116.19	Shut-In(1)
76	736.08	115.69	End Shut-In(1)
76	54.71	115.41	Open To Flow (2)
120	89.08	119.22	Shut-In(2)
181	737.25	118.58	End Shut-In(2)
182	2030.97	119.01	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
152.00	100% Mud	2.13

* 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

1-17s-30w Lane Co. KS

PO Box 6149
Shreveport LA, 71136

Jennison 1-3

Job Ticket: 52951

DST#: 2

ATTN: Kurt Talbolt

Test Start: 2013.08.06 @ 18:00:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
152.00	100% Mud	2.132

Total Length: 152.00 ft Total Volume: 2.132 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

