



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1086892
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: _____

1086892

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

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	Skunkhollow 19 1
Doc ID	1086892

All Electric Logs Run

Triple Combo Log
Dual Induction Log
Micro Log
Sonic Log
Borehole Profile Log
Compensated Density/Neutron PE Log

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
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

July 10, 2012

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

Re: ACO1
API 15-101-22371-00-00
Skunkhollow 19 1
NE/4 Sec.19-16S-29W
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 056292

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Oakley

DATE <i>6-25-12</i>	SEC. <i>19</i>	TWP. <i>16</i>	RANGE <i>29</i>	CALLED OUT	ON LOCATION	JOB START <i>6-26-12 3:00 Am</i>	JOB FINISH <i>4:00 Am</i>
LEASE <i>Skunk Hollow</i>		WELL# <i>1</i>	LOCATION <i>Healy 4E 4N 1W</i>			COUNTY <i>Logan</i>	STATE <i>KS</i>
OLD OR NEW (Circle one) <i>NEW</i>			<i>1/25 WINTO</i>				

CONTRACTOR *VAL 7*

TYPE OF JOB *PTA*

HOLE SIZE *7 7/8* T.D. *4540'*

CASING SIZE DEPTH

TUBING SIZE DEPTH

DRILL PIPE *4 1/2* DEPTH *2010'*

TOOL DEPTH

PRES. MAX. MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT

OWNER *same*

CEMENT

AMOUNT ORDERED *300 sbs 60/40*

490 gal 14 flo-seal

COMMON <i>180 sbs</i>	@ <i>16.25</i>	<i>2925.00</i>
POZMIX <i>120 sbs</i>	@ <i>8.50</i>	<i>1020.00</i>
GEL <i>10 sbs</i>	@ <i>21.25</i>	<i>212.50</i>
CHLORIDE	@	
ASC	@	
	@	
	@	
<i>flo-seal 25 sbs</i>	@ <i>2.10</i>	<i>202.50</i>
	@	
	@	
	@	
	@	
	@	
HANDLING <i>222.2 cu/ft</i>	@ <i>2.10</i>	<i>466.62</i>
MILEAGE <i>2.25 700/mile</i>	<i>13.455 700</i>	<i>1580.96</i>
		TOTAL <i>6617.58</i>

EQUIPMENT

PUMP TRUCK CEMENTER *Andrew Fovalund*

431 HELPER *Dave Peteloff*

BULK TRUCK

396 DRIVER *Adam Jeremy*

BULK TRUCK *Ho kamba, Stierger*

DRIVER

REMARKS:

- 50 sbs @ 2010'*
- 80 sbs @ 1420'*
- 50 sbs @ 250'*
- 50 sbs @ 310'*
- 20 sbs @ 60'*
- 20 sbs mouse hole*
- 30 sbs Rat hole*

Thank you

CHARGE TO: *O'Brien Resources*

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB <i>2010'</i>	
PUMP TRUCK CHARGE	<i>1250.00</i>
EXTRA FOOTAGE	@
MILEAGE <i>50 miles</i>	@ <i>2.00</i> <i>350.00</i>
MANIFOLD	@
<i>Light vehicle</i>	@ <i>4.00</i> <i>200.00</i>
	@
TOTAL <i>1800.00</i>	

PLUG & FLOAT EQUIPMENT

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
		TOTAL _____

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 *8,417.58*

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME *Joshua Villavaca*

SIGNATURE _____

ALLIED CEMENTING CO., LLC. 035409

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Ed Kelly, KS

DATE <i>6/15/12</i>	SEC <i>19</i>	TWP <i>16</i>	RANGE <i>29</i>	CALLED OUT	ON LOCATION	JOB START <i>7:30</i>	JOB FINISH <i>8:00</i>
LEASE <i>Bank Hollow 19</i>	WELL# <i>41</i>	LOCATION <i>Haaly 4 E to Hickock Rd 4 1/2</i>			COUNTY <i>Logan</i>	STATE <i>KS</i>	
OLD OR NEW (Circle one) <i>NEW</i>				<i>no RR 275-162 1/2 S W 20</i>			

CONTRACTOR *Val 7* OWNER *Same*

TYPE OF JOB *Surface*

HOLE SIZE *12 1/4* T.D. *282'* CEMENT AMOUNT ORDERED *180 con 3070 cc*

CASING SIZE *8 5/8* DEPTH *286'* *2 1/2 gal*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. *15'*

PERFS.

DISPLACEMENT *17.267766*

EQUIPMENT *H2O*

PUMP TRUCK CEMENTER *Alan Ryan*

423-281 HELPER *Lauren Wertz*

BULK TRUCK

347 DRIVER *Adam-Jeremy*

BULK TRUCK *Holcomb Steiger*

DRIVER

HANDLING *194.65 CF* @ *2.12* *408.72*

MILEAGE *235/700/mile 8.88310w* *1043.78*

TOTAL *4790.50*

REMARKS:

Run cap circulate, mix cement, replace cement.

Cement did circulate

*Thank You
Alan, Lauren, Adam-Jeremy*

CHARGE TO: *O'Brien Resources*

STREET

CITY STATE ZIP

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE *1125.00*

EXTRA FOOTAGE @

MILEAGE *50 miles* @ *7.00* *350.00*

MANIFOLD @ *200.00*

Large vehicle 80 mile @ *4.00* *200.00*

@

TOTAL *1875.00*

PLUG & FLOAT EQUIPMENT

@

@

@

@

@

TOTAL

SALES TAX (If Any)

TOTAL CHARGES *6,665.50*

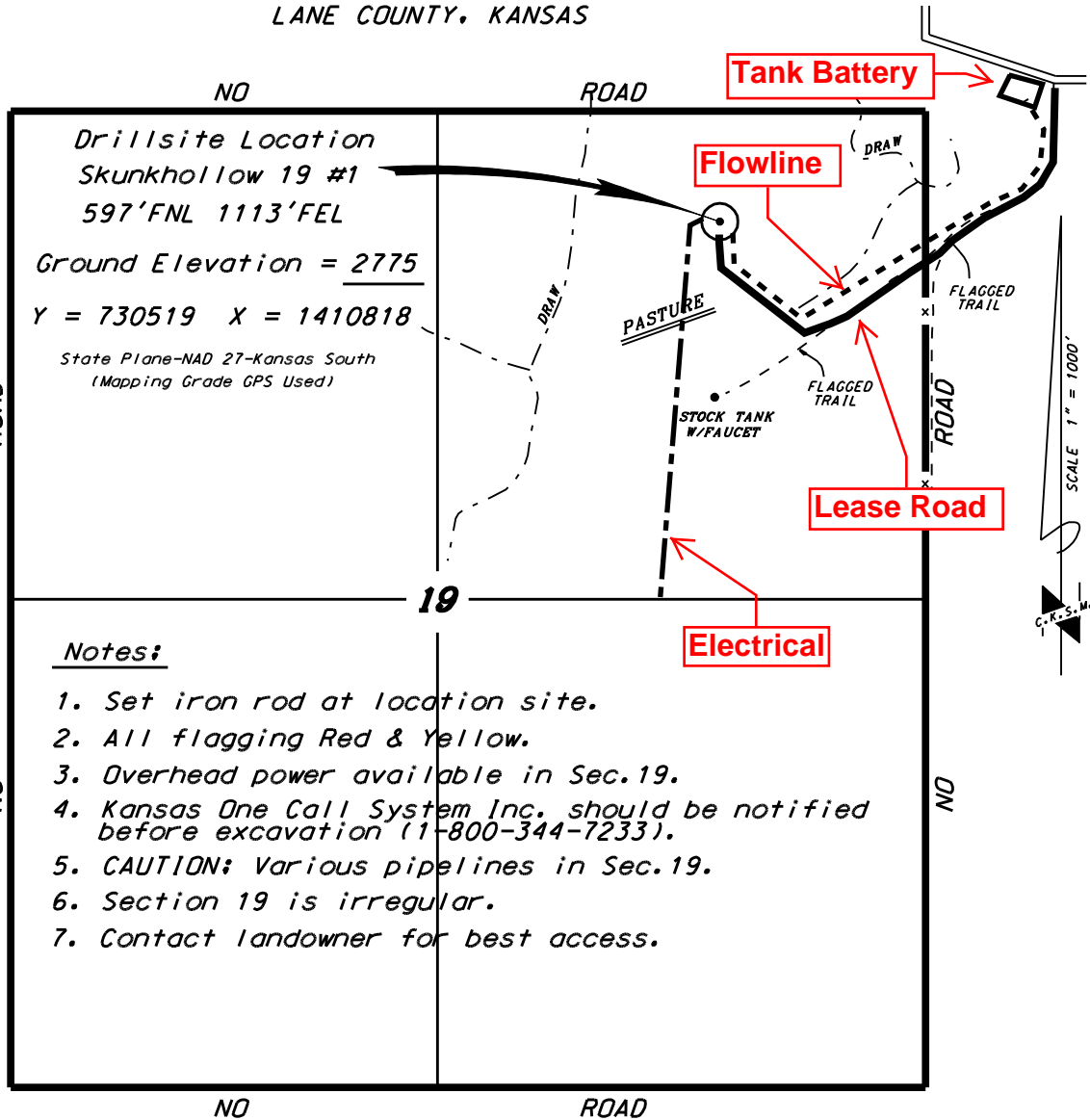
DISCOUNT IF PAID IN 30 DAYS

PRINTED NAME

SIGNATURE *David Bellard*

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.

O'BRIEN RESOURCES, LLC
 SKUNKHOLLOW LEASE
 NE.1/4, SECTION 19, T16S, R29W
 LANE COUNTY, KANSAS



*Ingress and egress to location as shown on this plat is per 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 April 18, 2012



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

O'Brien Resources
 PO Box 6149
 Shreveport LA 71136
 ATTN: Kurt Talbott

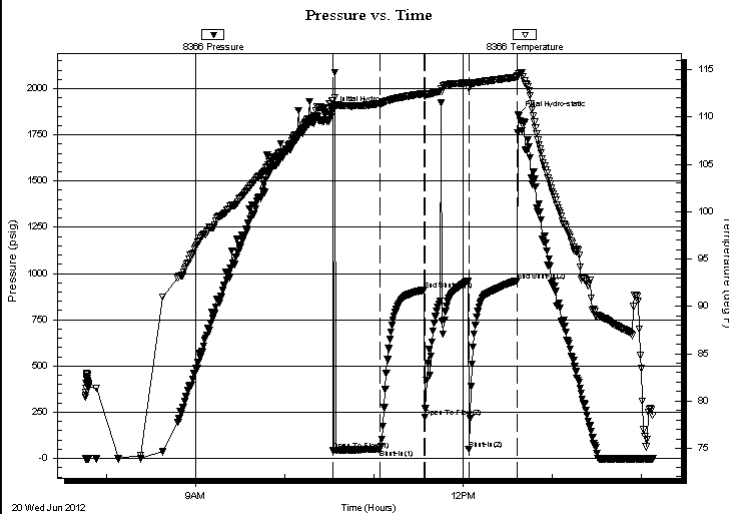
19-16s-29w Lane, KS
Skunkhollow 19 #1
 Job Ticket: 47199 **DST#: 1**
 Test Start: 2012.06.20 @ 07:46:00

GENERAL INFORMATION:

Formation: **Toronto Lansing A**
 Deviated: No Whipstock: (KB) Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 10:32:45 Tester: Cody Bloedorn
 Time Test Ended: 14:07:45 Unit No: 54
 Interval: **3842.00 ft (KB) To 3910.00 ft (KB) (TVD)** Reference Elevations: 2787.00 ft (KB)
 Total Depth: 3910.00 ft (KB) (TVD) 2776.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 11.00 ft

Serial #: 8366 Inside
 Press @ Run Depth: 50.83 psig @ 3907.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.06.20 End Date: 2012.06.20 Last Calib.: 2012.06.20
 Start Time: 07:46:02 End Time: 14:07:45 Time On Btm: 2012.06.20 @ 10:32:30
 Time Off Btm: 2012.06.20 @ 12:37:15

TEST COMMENT: 30 - IF- Surface blow , died in 26 Min.
 30 - IS- No blow back
 30 - FF- No blow back, flushed after 10 Min., surged and died
 30 - FS- No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1881.24	111.75	Initial Hydro-static
1	42.17	110.78	Open To Flow (1)
32	48.68	111.41	Shut-In(1)
62	912.06	112.48	End Shut-In(1)
62	223.55	112.13	Open To Flow (2)
92	50.83	112.97	Shut-In(2)
124	961.07	114.21	End Shut-In(2)
125	1856.36	114.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud, Oil scum, 100%M	0.21

* 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

19-16s-29w Lane, KS

PO Box 6149
Shreveport LA 71136

Skunkhollow 19 #1

Job Ticket: 47199

DST#: 1

ATTN: Kurt Talbott

Test Start: 2012.06.20 @ 07:46:00

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: 39.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Mud, Oil scum, 100%M	0.210

Total Length: 15.00 ft Total Volume: 0.210 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
Po Box 6149
Shreveport LA 71136
ATTN: Kurt

19-16s-29w Lane KS
Skunkhallow 19 #1
Job Ticket: 47200 **DST#: 2**
Test Start: 2012.06.21 @ 11:27:00

GENERAL INFORMATION:

Formation:

Deviated: No Whipstock: ft (KB)
Time Tool Opened: 13:22:30
Time Test Ended: 17:01:30

Test Type: Conventional Bottom Hole (Reset)
Tester: Cody Bloedorn
Unit No: 54

Interval: 4043.00 ft (KB) To 4130.00 ft (KB) (TVD)
Total Depth: 4130.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2787.00 ft (KB)
2776.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 8366

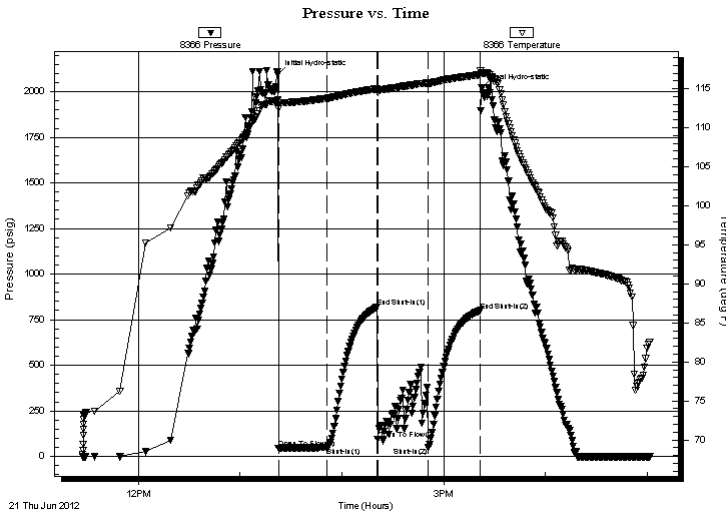
Inside

Press @ Run Depth: 49.63 psig @ 4109.00 ft (KB)
Start Date: 2012.06.21 End Date: 2012.06.21
Start Time: 11:27:02 End Time: 17:01:30

Capacity: 8000.00 psig
Last Calib.: 2012.06.21
Time On Btm: 2012.06.21 @ 13:22:15
Time Off Btm: 2012.06.21 @ 15:22:30

TEST COMMENT: 30 - IF- 1/4" blow , died back to Surface blow
30 - IS- No blow back.
30 - FF- No blow back
30 - FS- No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2094.18	113.62	Initial Hydro-static
1	44.85	112.41	Open To Flow (1)
29	48.27	113.76	Shut-In(1)
59	818.40	115.00	End Shut-In(1)
59	93.21	114.50	Open To Flow (2)
89	49.63	115.56	Shut-In(2)
120	800.09	116.79	End Shut-In(2)
121	2019.49	116.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud - Oil Scum, 100%M	0.21

* 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

19-16s-29w Lane KS

Po Box 6149
Shreveport LA 71136

Skunkhallow 19 #1

Job Ticket: 47200

DST#: 2

ATTN: Kurt

Test Start: 2012.06.21 @ 11:27:00

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: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Mud - Oil Scum, 100%M	0.210

Total Length: 15.00 ft Total Volume: 0.210 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

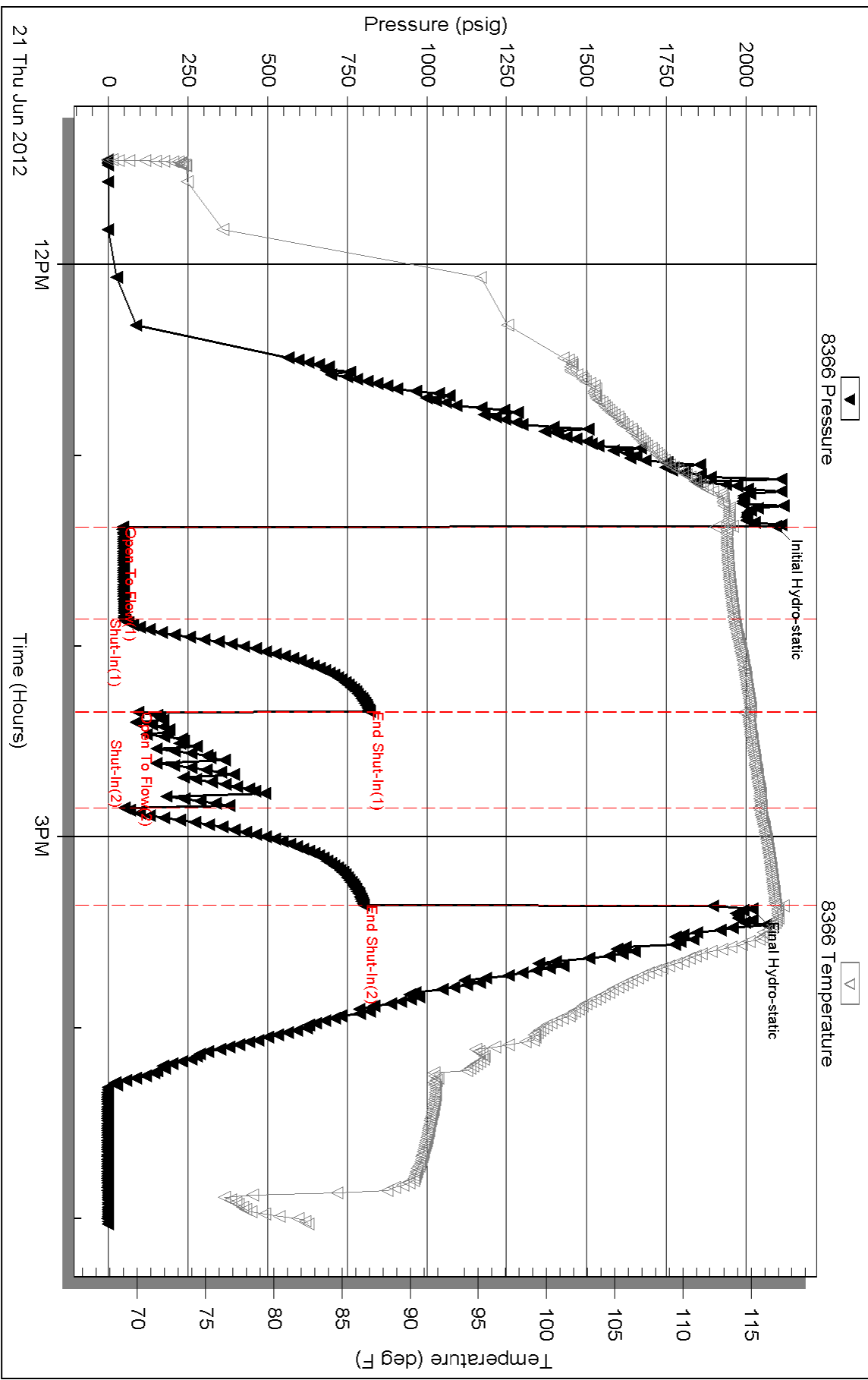
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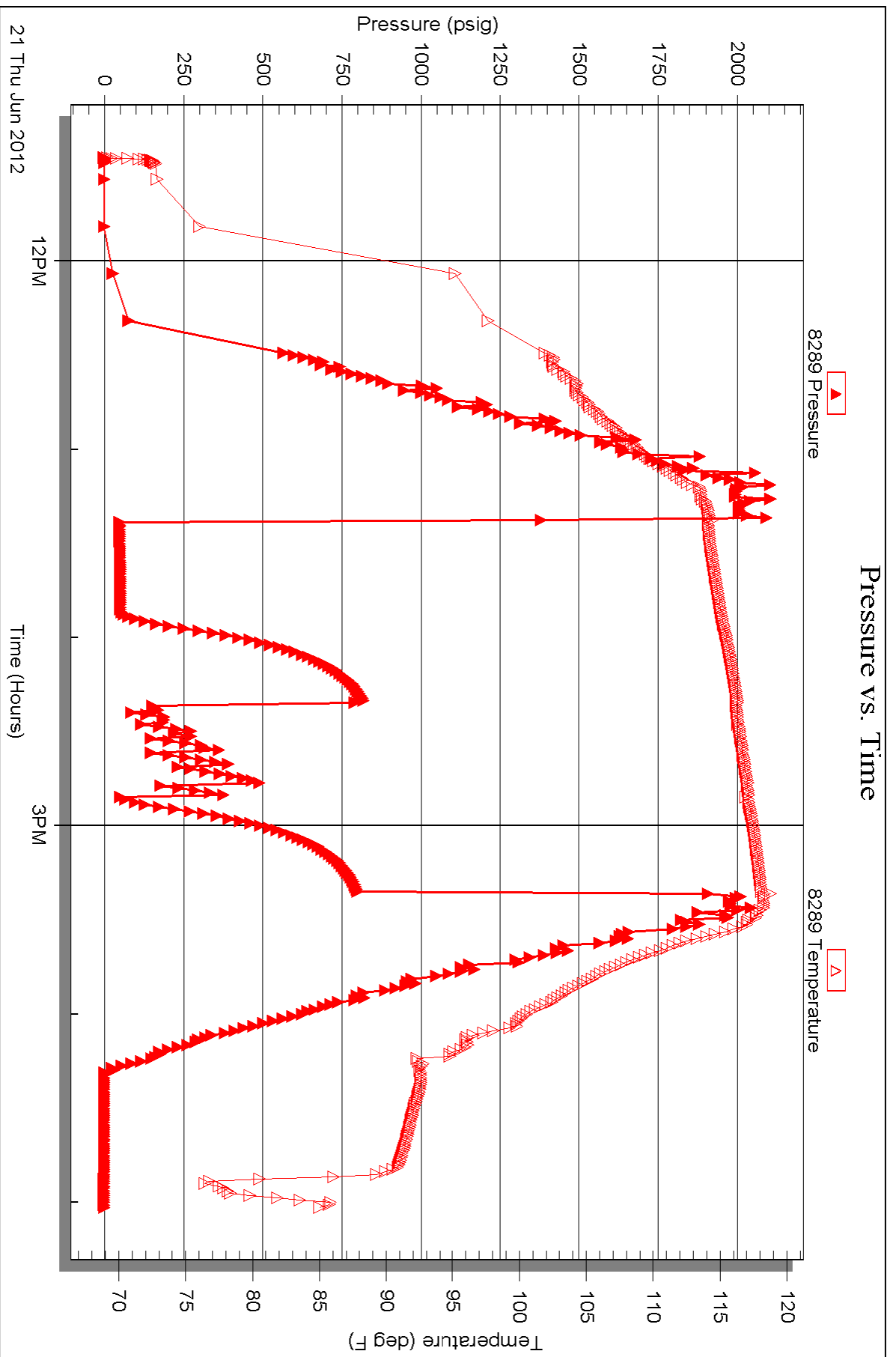
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time







**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

O'Brien Resources
Po Box 6149
Shreveport LA 71136
ATTN: Kurt Talbott

19-16s-29w Lane KS
Skunkhallow 19 #1
Job Ticket: 47816 **DST#: 4**
Test Start: 2012.06.23 @ 10:33:05

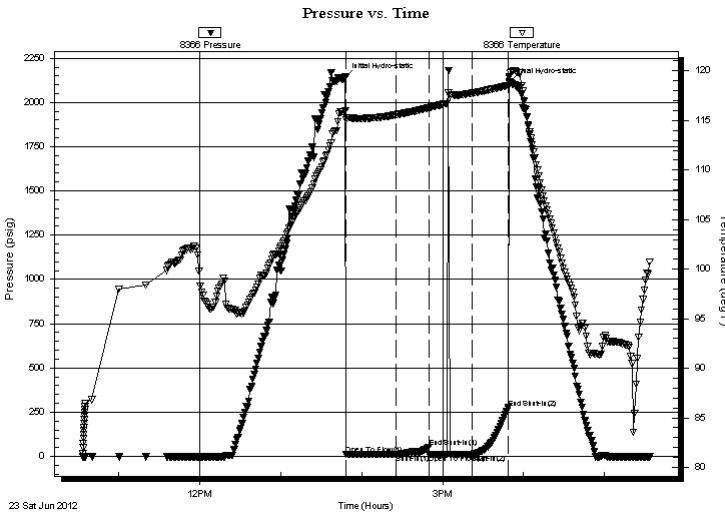
GENERAL INFORMATION:

Formation: **Myric Station**
Deviated: No Whipstock: 0.00 ft (KB)
Time Tool Opened: 13:48:20
Time Test Ended: 17:33:20
Interval: **4350.00 ft (KB) To 4385.00 ft (KB) (TVD)**
Total Depth: 4385.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Reset)
Tester: Jason McLemore
Unit No: 54
Reference Elevations: 2787.00 ft (KB)
2776.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 8366 Inside
Press @ Run Depth: 13.00 psig @ 4352.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.06.23 End Date: 2012.06.23 Last Calib.: 2012.06.23
Start Time: 10:33:07 End Time: 17:33:20 Time On Btm: 2012.06.23 @ 13:47:50
Time Off Btm: 2012.06.23 @ 15:49:05

TEST COMMENT: IFP-Surge Upon Open, Dead
ISI-Dead
FFP-Dead, Flush Tool, Dead
FSI-Dead

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2140.05	116.01	Initial Hydro-static
1	10.85	115.02	Open To Flow (1)
38	12.34	115.58	Shut-In(1)
62	52.31	116.29	End Shut-In(1)
62	11.94	116.28	Open To Flow (2)
94	13.00	117.75	Shut-In(2)
121	274.61	118.56	End Shut-In(2)
122	2112.28	119.30	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	Mud W/Oil Specks	0.01

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

O'Brien Resources
 Po Box 6149
 Shreveport LA 71136
 ATTN: Kurt Talbott

19-16s-29w Lane KS
Skunkhallow 19 #1
 Job Ticket: 47817 **DST#: 5**
 Test Start: 2012.06.24 @ 14:36:11

GENERAL INFORMATION:

Formation: **Ft Scott-Cherokee-Jo**
 Deviated: No Whipstock: 0.00 ft (KB)
 Time Tool Opened: 16:52:11
 Time Test Ended: 20:40:26
 Interval: **4405.00 ft (KB) To 4477.00 ft (KB) (TVD)**
 Total Depth: 4477.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jason McLemore
 Unit No: 54
 Reference Elevations: 2787.00 ft (KB)
 2776.00 ft (CF)
 KB to GR/CF: 11.00 ft

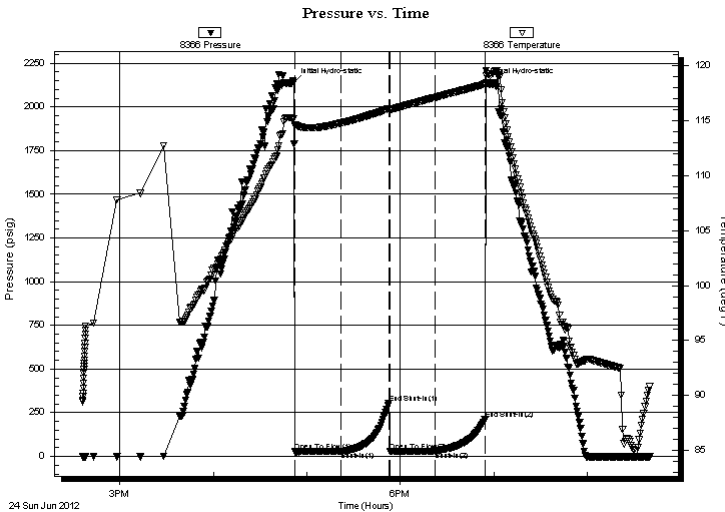
Serial #: 8366

Inside

Press @ Run Depth: 30.97 psig @ 4471.00 ft (KB)
 Start Date: 2012.06.24 End Date: 2012.06.24
 Start Time: 14:36:13 End Time: 20:40:26
 Capacity: 8000.00 psig
 Last Calib.: 2012.06.24
 Time On Btm: 2012.06.24 @ 16:51:41
 Time Off Btm: 2012.06.24 @ 18:55:11

TEST COMMENT: IFP-Weak Surface Blow , Died in 5 Min.
 ISI-Dead
 FFP-Dead
 FSI-Dead

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2140.25	115.20	Initial Hydro-static
1	26.69	114.48	Open To Flow (1)
30	29.35	114.76	Shut-In(1)
61	304.56	116.07	End Shut-In(1)
62	27.80	115.99	Open To Flow (2)
91	30.97	117.09	Shut-In(2)
123	210.53	118.32	End Shut-In(2)
124	2136.84	119.09	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	Free Oil	0.01
4.00	Drilling Mud	0.06

* 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

19-16s-29w Lane KS

Po Box 6149
Shreveport LA 71136

Skunkhallow 19 #1

Job Ticket: 47817

DST#: 5

ATTN: Kurt Talbott

Test Start: 2012.06.24 @ 14:36:11

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: 9.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3600.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	Free Oil	0.014
4.00	Drilling Mud	0.056

Total Length: 5.00 ft Total Volume: 0.070 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

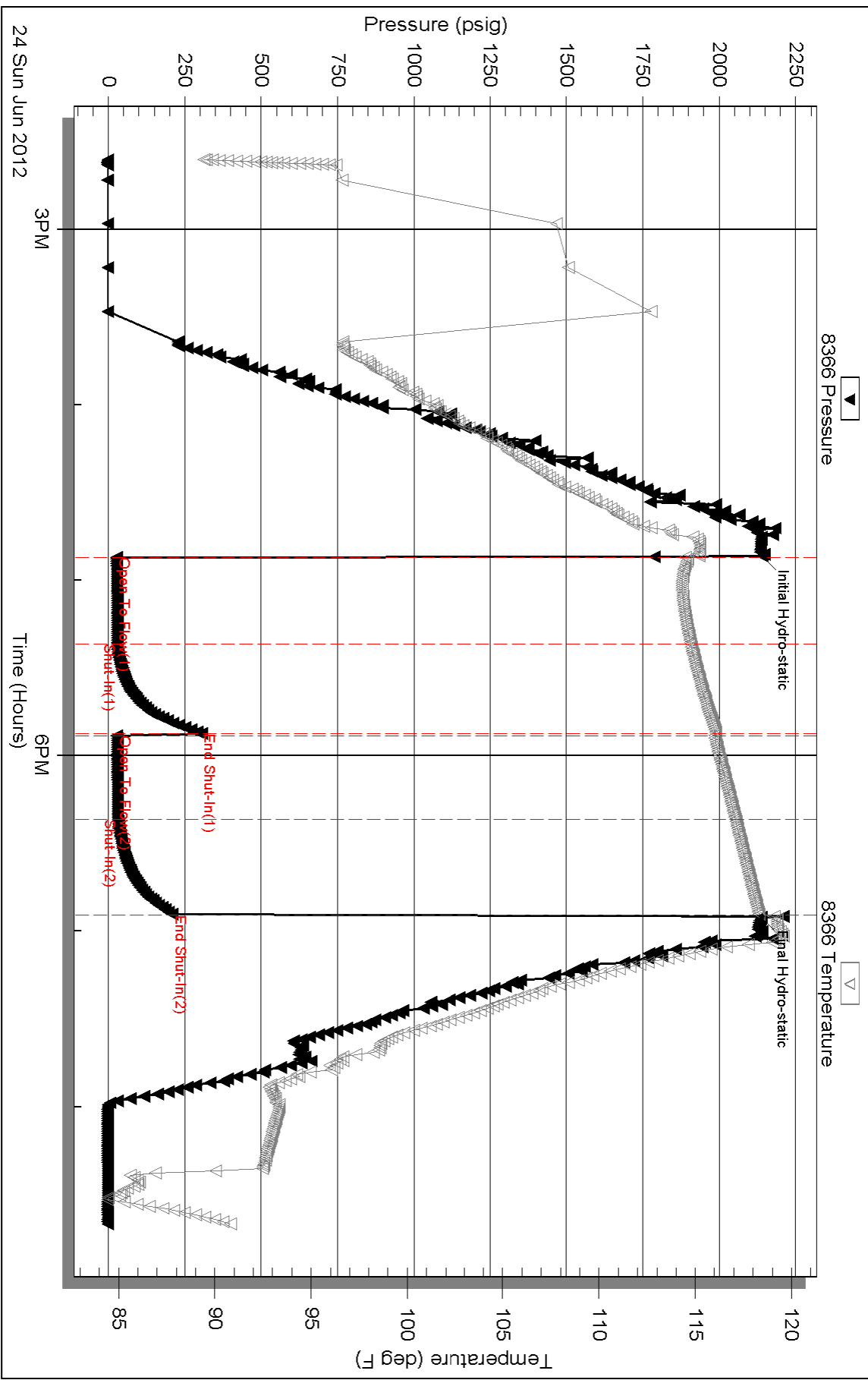
Serial #:

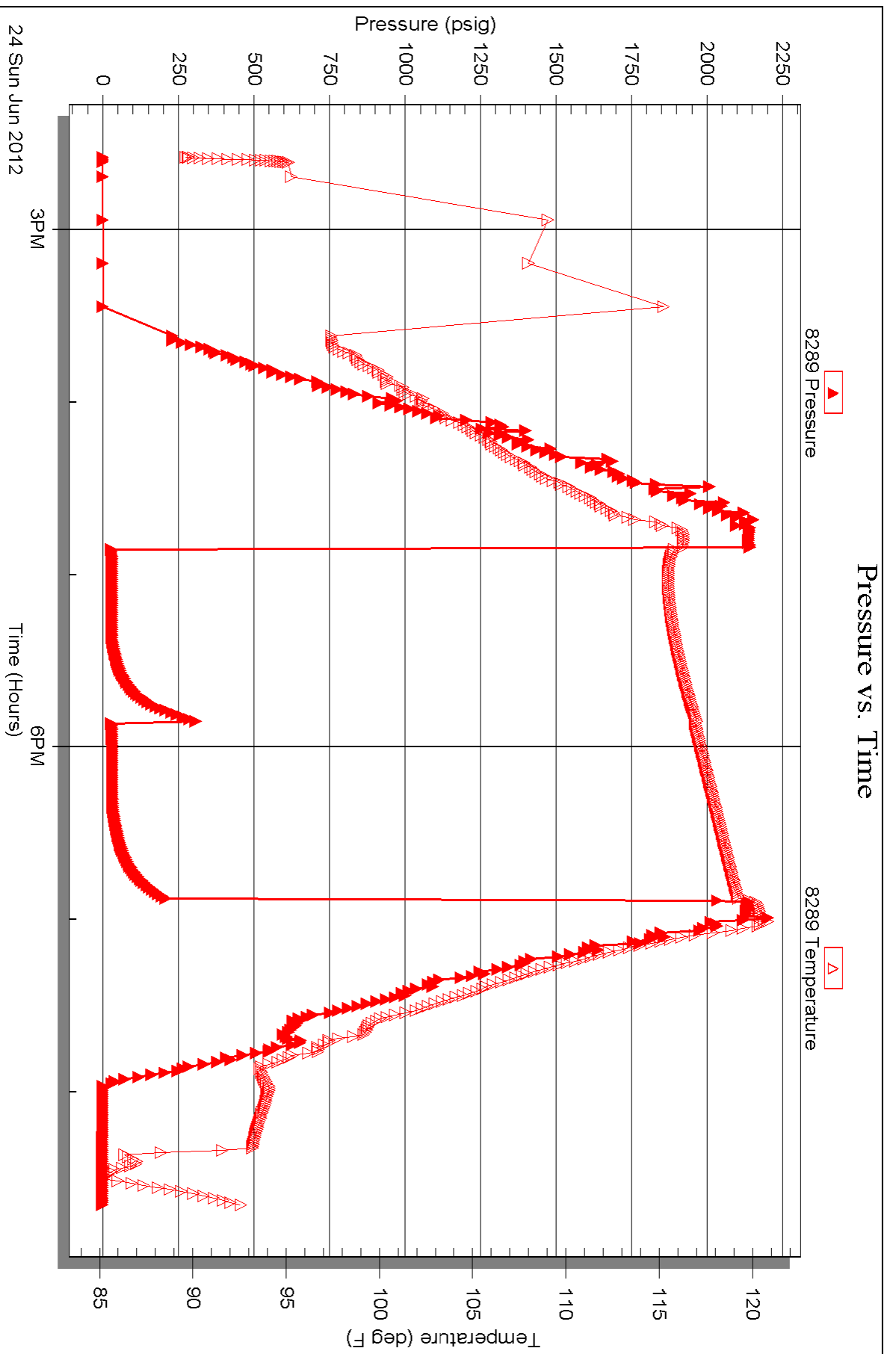
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time







TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

O'Brien Resources

19-16s-29w Lane KS

Po Box 6149
Shreveport LA 71136

Skunkhallow 19 #1

Job Ticket: 47816

DST#: 4

ATTN: Kurt Talbott

Test Start: 2012.06.23 @ 10:33:05

Mud and Cushion Information

Mud Type:		Cushion Type:		Oil API:	deg API
Mud Weight:	lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	sec/qt	Cushion Volume:	bbbl		
Water Loss:	in ³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
1.00	Mud W/Oil Specks	0.014

Total Length: 1.00 ft Total Volume: 0.014 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

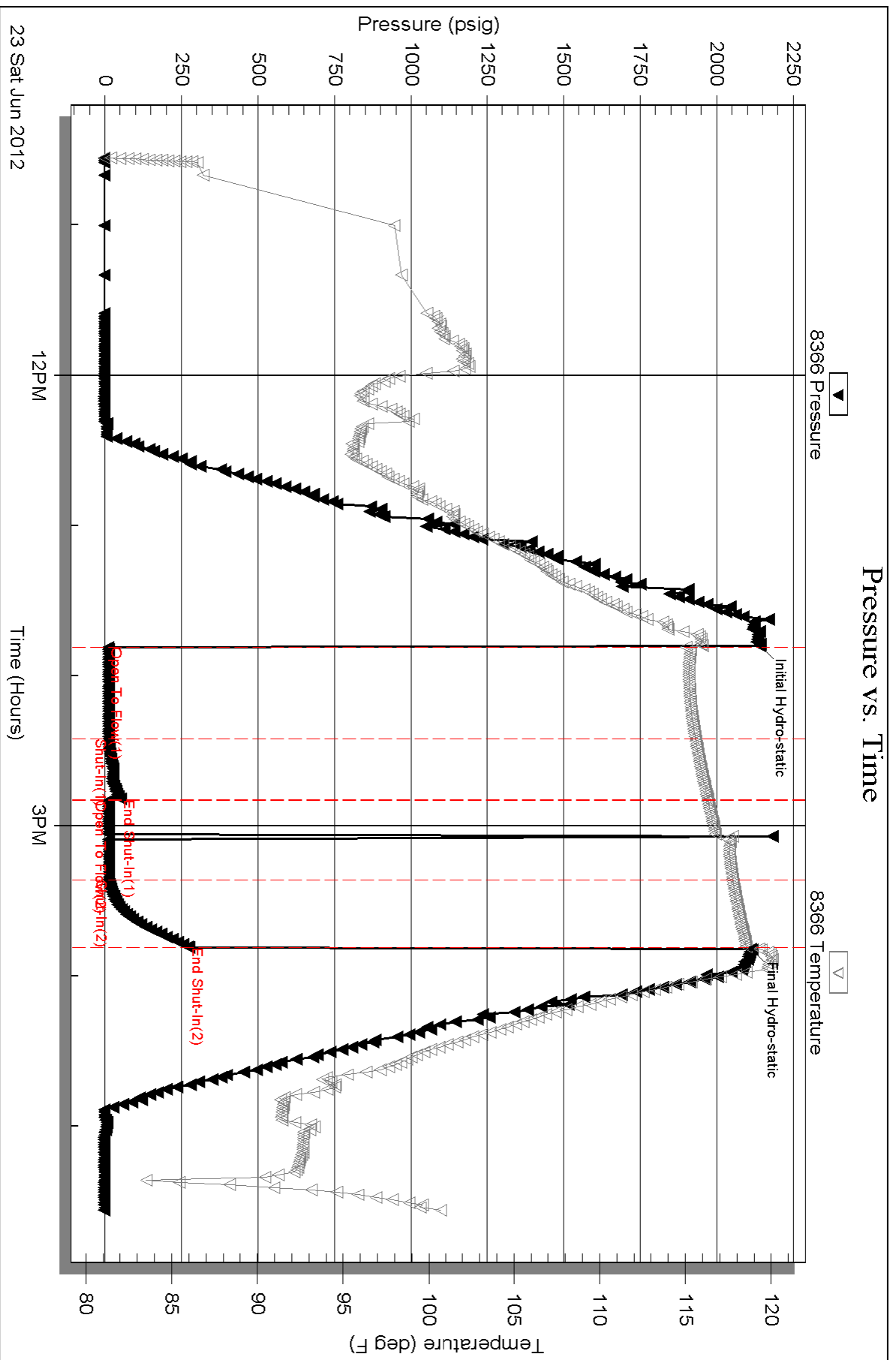
Serial #:

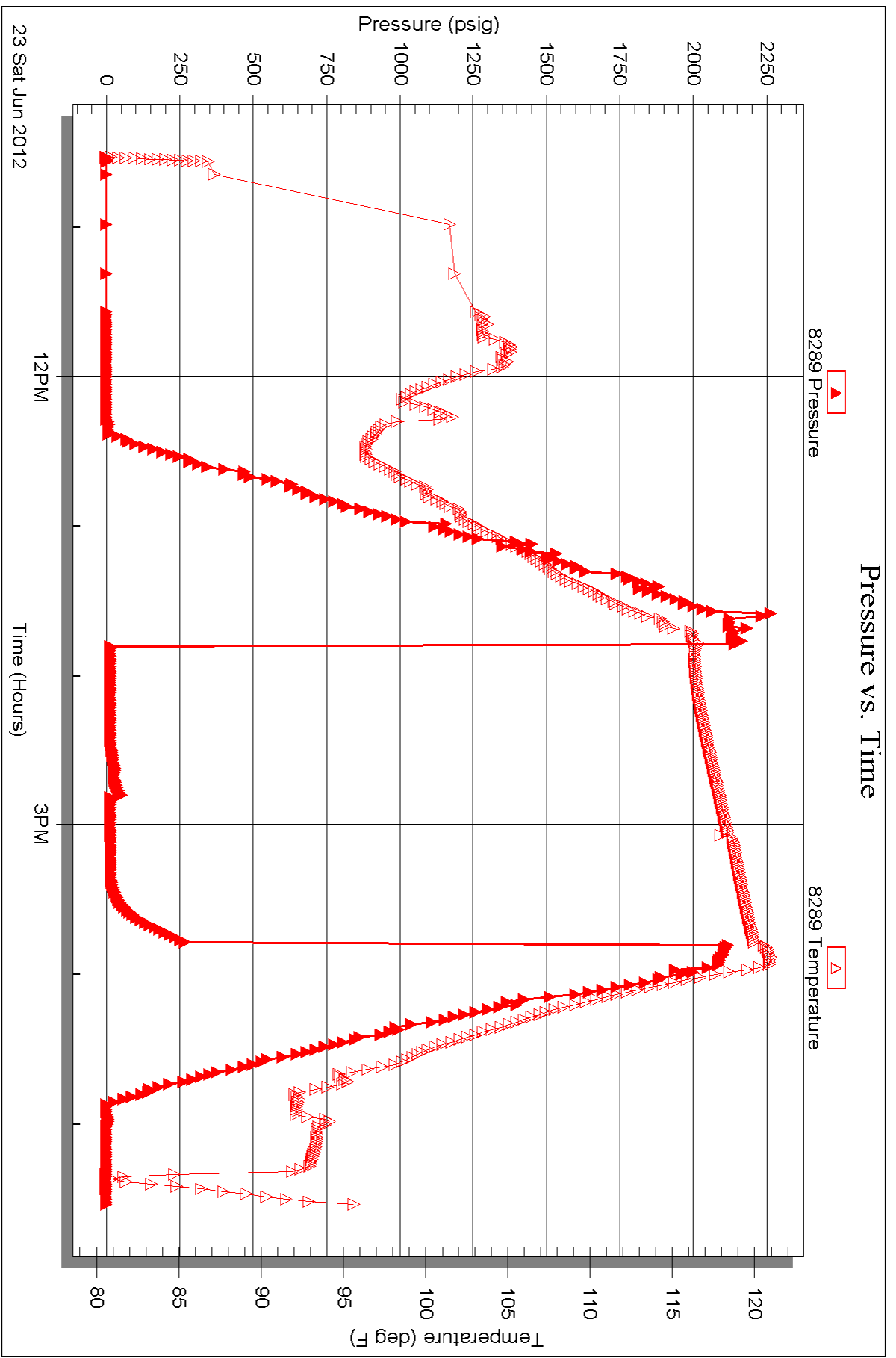
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time







**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

O'Brien Resources

19-16s-29w Lane KS

Po Box 6149
Shreveport LA 71136

Skunkhallow 19 #1

Job Ticket: 47815

DST#: 3

ATTN: Kurt

Test Start: 2012.06.22 @ 10:52:40

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: sec/qt

Cushion Volume:

bbbl

Water Loss: in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	Drilling Mud	0.042

Total Length: 3.00 ft Total Volume: 0.042 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

