



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1153830
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: _____



1153830

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 <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 List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
--	---

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
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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> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	O'Brien Resources, LLC
Well Name	Snider-Sharp 35 1
Doc ID	1153830

All Electric Logs Run

Triple Combo
Dual Induction
Micro Log
Sonic 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
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

August 01, 2013

Steve Harris
O'Brien Resources, LLC
PO BOX 6149
SHREVEPORT, LA 71136

Re: ACO1
API 15-101-22445-00-00
Snider-Sharp 35 1
SW/4 Sec.35-16S-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,
Steve Harris



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

O'Brien Resources LLC

35-16s-30w Lane Co. KS

P.o Box 6149
Shreveport LA 71136

Snider-Sharp 35 #1

Job Ticket: 49085 **DST#: 1**

ATTN: Kurt Talbott

Test Start: 2013.07.21 @ 05:32:00

GENERAL INFORMATION:

Formation: **Toronto / LKC " A "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:10:10

Time Test Ended: 12:22:24

Test Type: Conventional Bottom Hole (Initial)

Tester: Will MacLean

Unit No: 58

Interval: 3911.00 ft (KB) To 3955.00 ft (KB) (TVD)

Reference Elevations: 2862.00 ft (KB)

Total Depth: 3955.00 ft (KB) (TVD)

2851.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8674

Inside

Press @ Run Depth: 290.82 psig @ 3912.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.07.21

End Date:

2013.07.21

Last Calib.:

2013.07.21

Start Time: 05:32:00

End Time:

12:22:24

Time On Btm:

2013.07.21 @ 08:09:55

Time Off Btm:

2013.07.21 @ 10:13:54

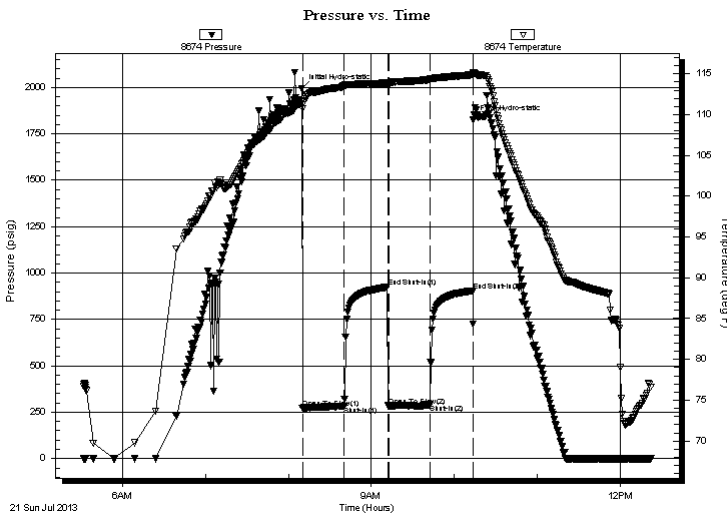
TEST COMMENT: IF- Weak Surface Blow Built to 2 1/4"

IS- No Blow

FF- Weak Surface Blow Built to 1/2"

FS- No Blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1992.44	111.66	Initial Hydro-static
1	269.99	110.76	Open To Flow (1)
31	282.79	113.51	Shut-In(1)
62	924.31	113.90	End Shut-In(1)
63	283.87	113.78	Open To Flow (2)
93	290.82	114.30	Shut-In(2)
124	905.30	114.90	End Shut-In(2)
124	1826.86	115.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
248.00	WCM 2%w 98%m with Skim of Oil on	T3.48
186.00	OCM 2%oil 98%m	2.61
82.00	OCM 9%oil 91%m	1.15

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

O'Brien Resources LLC
 P.o Box 6149
 Shreveport LA 71136
 ATTN: Kurt Talbott

35-16s-30w Lane Co. KS
Snider-Sharp 35 #1
 Job Ticket: 49092 **DST#: 8**
 Test Start: 2013.07.27 @ 00:58:00

GENERAL INFORMATION:

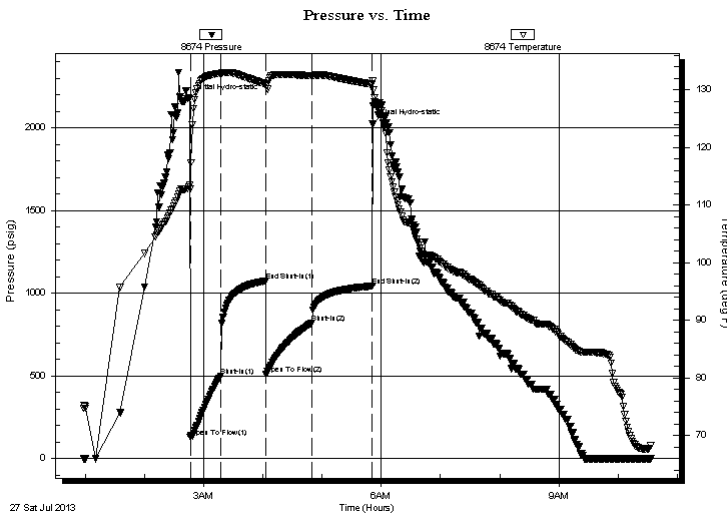
Formation: **Johnson**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 02:46:10
 Tester: Will MacLean
 Time Test Ended: 10:33:55
 Unit No: 58
 Interval: **4506.00 ft (KB) To 4550.00 ft (KB) (TVD)**
 Reference Elevations: 2862.00 ft (KB)
 Total Depth: 4550.00 ft (KB) (TVD)
 2851.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Good
 KB to GR/CF: 11.00 ft

Serial #: 8674

Inside

Press @ Run Depth: 822.60 psig @ 4507.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.07.27 End Date: 2013.07.27 Last Calib.: 2013.07.27
 Start Time: 00:58:00 End Time: 10:33:55 Time On Btm: 2013.07.27 @ 02:45:55
 Time Off Btm: 2013.07.27 @ 05:51:09

TEST COMMENT: IF- Strong Surface Blow Built to BOB in 30sec
 IS- Weak Surface Blow in 4min Built to BOB in 17 1/2min
 FF- Surface Blow Built to BOB in 2 1/4min (Gas to Surface in 25min to Weak to Guage)
 FS- Weak Surface Blow Built to BOB in 10min (Bled it off the rest of the Shut In Period)



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2178.48	113.50	Initial Hydro-static
1	129.43	112.87	Open To Flow (1)
31	499.64	132.86	Shut-In(1)
77	1075.18	131.01	End Shut-In(1)
78	510.79	130.66	Open To Flow (2)
124	822.60	132.47	Shut-In(2)
185	1043.42	130.97	End Shut-In(2)
186	2022.26	131.53	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	OGCM 10%oil 19%g 71%m	1.74
372.00	MGCO 10%m 38%g 52%oil	5.22
868.00	MGCO 5%m 19%g 76%oil	12.18
620.00	GO 30%g 70%oil	8.70
434.00	GO 23%g 77%oil	6.09
0.00	2046' of 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
 P.o Box 6149
 Shreveport LA 71136
 ATTN: Kurt Talbott

35-16s-30w Lane Co. KS

Snider-Sharp 35 #1

Job Ticket: 49092

DST#: 8

Test Start: 2013.07.27 @ 00:58:00

GENERAL INFORMATION:

Formation: **Johnson**

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

Time Tool Opened: 02:46:10

Time Test Ended: 10:33:55

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

Tester: **Will MacLean**

Unit No: **58**

Interval: 4506.00 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: **2862.00 ft (KB)**

2851.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8355

Outside

Press@RunDepth: psig @ **4507.00 ft (KB)**

Start Date: **2013.07.27**

End Date:

2013.07.27

Start Time: **00:58:05**

End Time:

10:35:45

Capacity: **8000.00 psig**

Last Calib.:

2013.07.27

Time On Btm:

Time Off Btm:

TEST COMMENT:

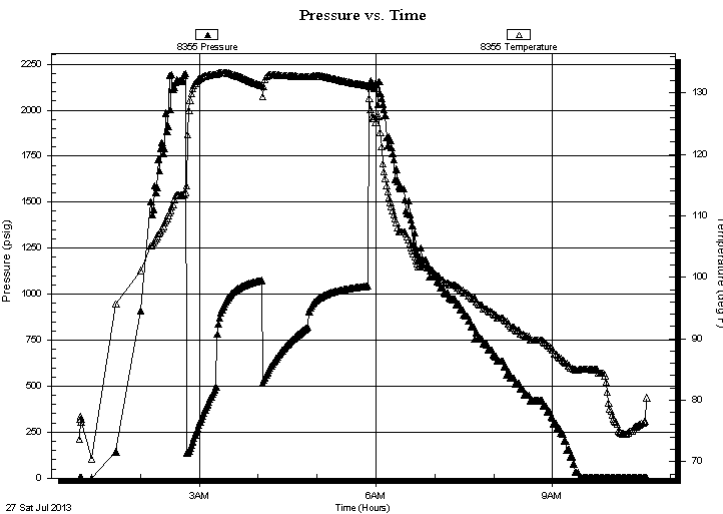
IF- Strong Surface Blow Built to BOB in 30sec

ISl- Weak Surface Blow in 4min Built to BOB in 17 1/2min

FF- Surface Blow Built to BOB in 2 1/4min (Gas to Surface in 25min to Weak to Guage)

FSl- Weak Surface Blow Built to BOB in 10min (Bled it off the rest of the Shut In Period)

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
124.00	OGCM 10%oil 19%g 71%m	1.74
372.00	MGCO 10%m 38%g 52%oil	5.22
868.00	MGCO 5%m 19%g 76%oil	12.18
620.00	GO 30%g 70%oil	8.70
434.00	GO 23%g 77%oil	6.09
0.00	2046' of 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

35-16s-30w Lane Co. KS

P.o Box 6149
Shreveport LA 71136

Snider-Sharp 35 #1

Job Ticket: 49092 **DST#: 8**

ATTN: Kurt Talbott

Test Start: 2013.07.27 @ 00:58:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 56.00 sec/qt
Water Loss: 9.56 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: 32 deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	OGCM 10%oil 19%g 71%m	1.739
372.00	MGCO 10%m 38%g 52%oil	5.218
868.00	MGCO 5%m 19%g 76%oil	12.176
620.00	GO 30%g 70%oil	8.697
434.00	GO 23%g 77%oil	6.088
0.00	2046' of GIP	0.000

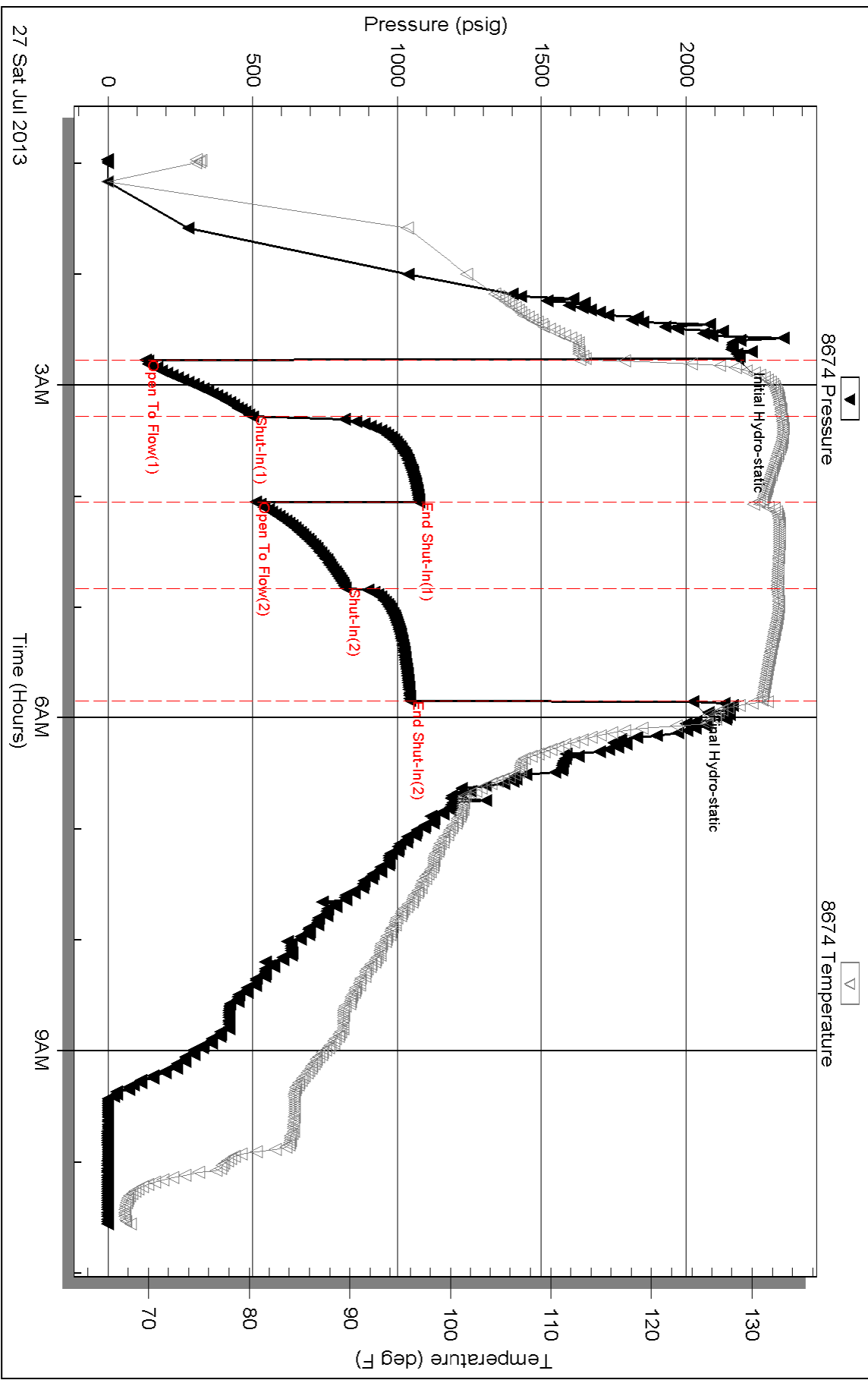
Total Length: 2418.00 ft Total Volume: 33.918 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: API is 33 @ 70f = 32

Pressure vs. Time

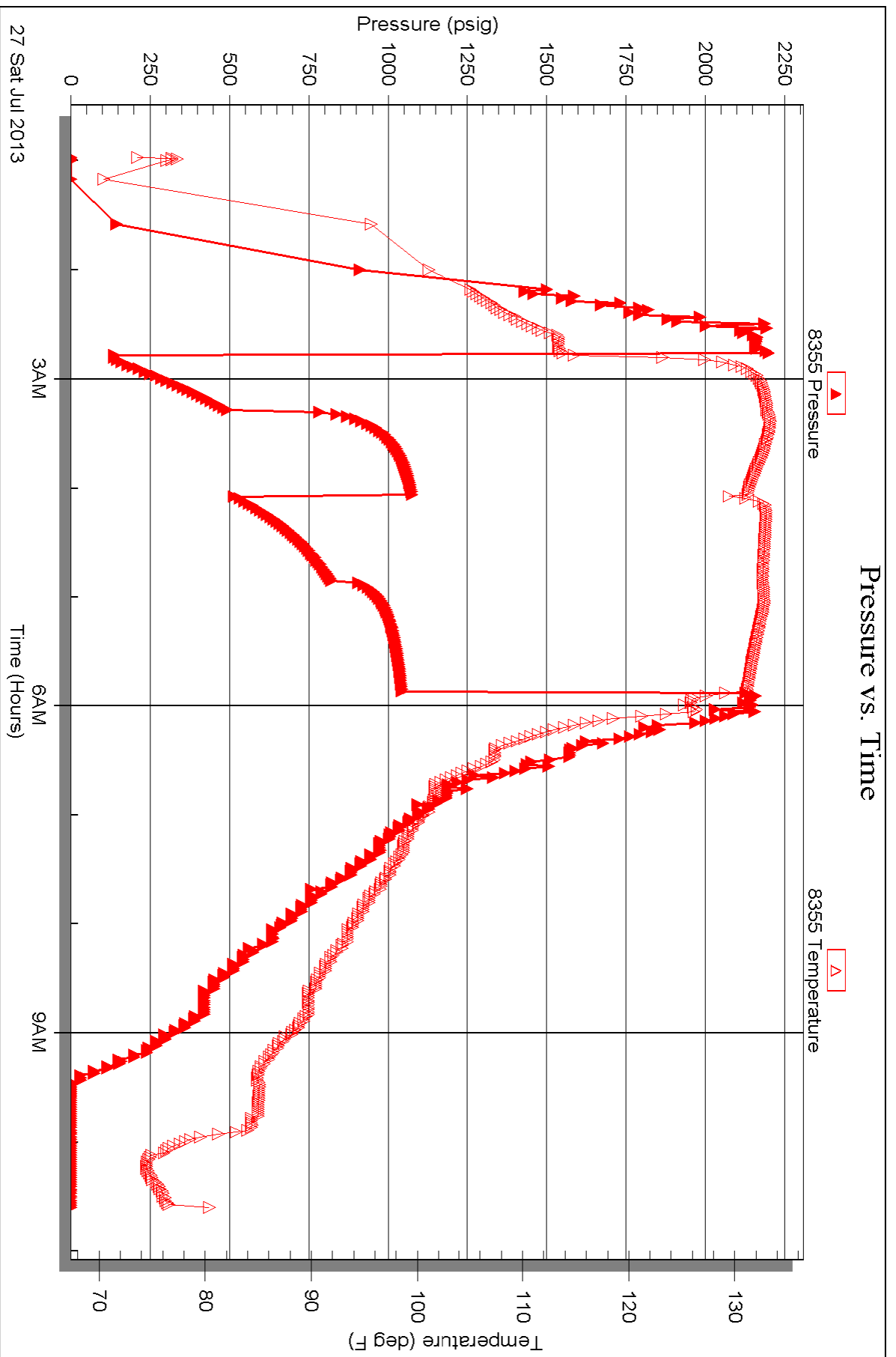


Serial #: 8355

Outside O'Brien Resources LLC

Snider-Sharp 35 #1

DST Test Number: 8





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

O'Brien Resources LLC
 P.o Box 6149
 Shreveport LA 71136
 ATTN: Kurt Talbott

35-16s-30w Lane Co. KS
Snider-Sharp 35 #1
 Job Ticket: 49091 **DST#: 7**
 Test Start: 2013.07.26 @ 08:56:00

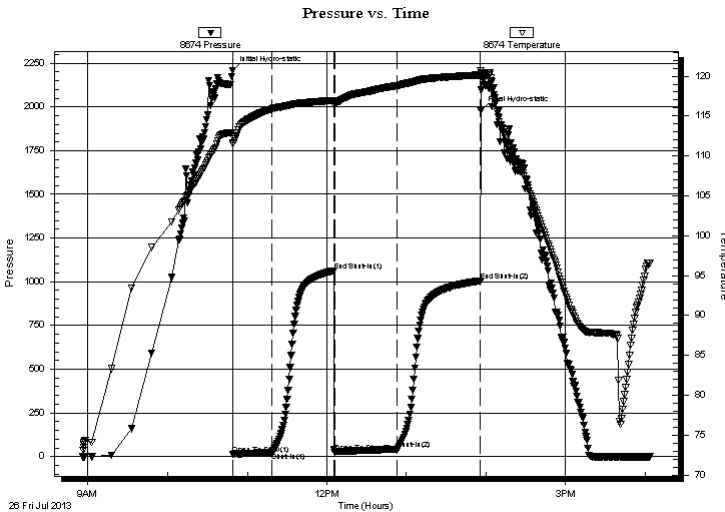
GENERAL INFORMATION:

Formation: **FT. Scott / Cherokee**
 Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 10:49:25 Tester: Will MacLean
 Time Test Ended: 16:03:09 Unit No: 58
 Interval: **4423.00 ft (KB) To 4510.00 ft (KB) (TVD)** Reference Elevations: 2862.00 ft (KB)
 Total Depth: 4510.00 ft (KB) (TVD) 2851.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 11.00 ft

Serial #: 8674 Inside
 Press @ Run Depth: 42.99 psig @ 4424.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.07.26 End Date: 2013.07.26 Last Calib.: 2013.07.26
 Start Time: 08:56:00 End Time: 16:03:09 Time On Btm: 2013.07.26 @ 10:49:10
 Time Off Btm: 2013.07.26 @ 13:55:54

TEST COMMENT: IF- Weak Surface Blow Built to BOB in 25min
 IS- No Blow
 FF- FF- Surface Blow Built to BOB in 8 1/4min
 FS- Weak Surface Blow in 40min

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2208.96	112.32	Initial Hydro-static
1	14.71	111.53	Open To Flow (1)
30	25.64	115.85	Shut-In(1)
76	1062.97	116.97	End Shut-In(1)
77	23.47	116.61	Open To Flow (2)
124	42.99	118.82	Shut-In(2)
187	1005.63	120.16	End Shut-In(2)
187	1978.73	120.73	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	MOCG 29%w 34%oil 37%g	0.87
13.00	WGOCM 3%w 17%g 28%oil 52%m	0.18
2.00	100%oil	0.03
0.00	729' of 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

35-16s-30w Lane Co. KS

P.o Box 6149
Shreveport LA 71136

Snider-Sharp 35 #1

Job Ticket: 49091 **DST#: 7**

ATTN: Kurt Talbott

Test Start: 2013.07.26 @ 08:56:00

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: 9.57 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
62.00	MOCG 29%m 34%oil 37%g	0.870
13.00	WGOCM 3%w 17%g 28%oil 52%m	0.182
2.00	100%oil	0.028
0.00	729' of GIP	0.000

Total Length: 77.00 ft Total Volume: 1.080 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

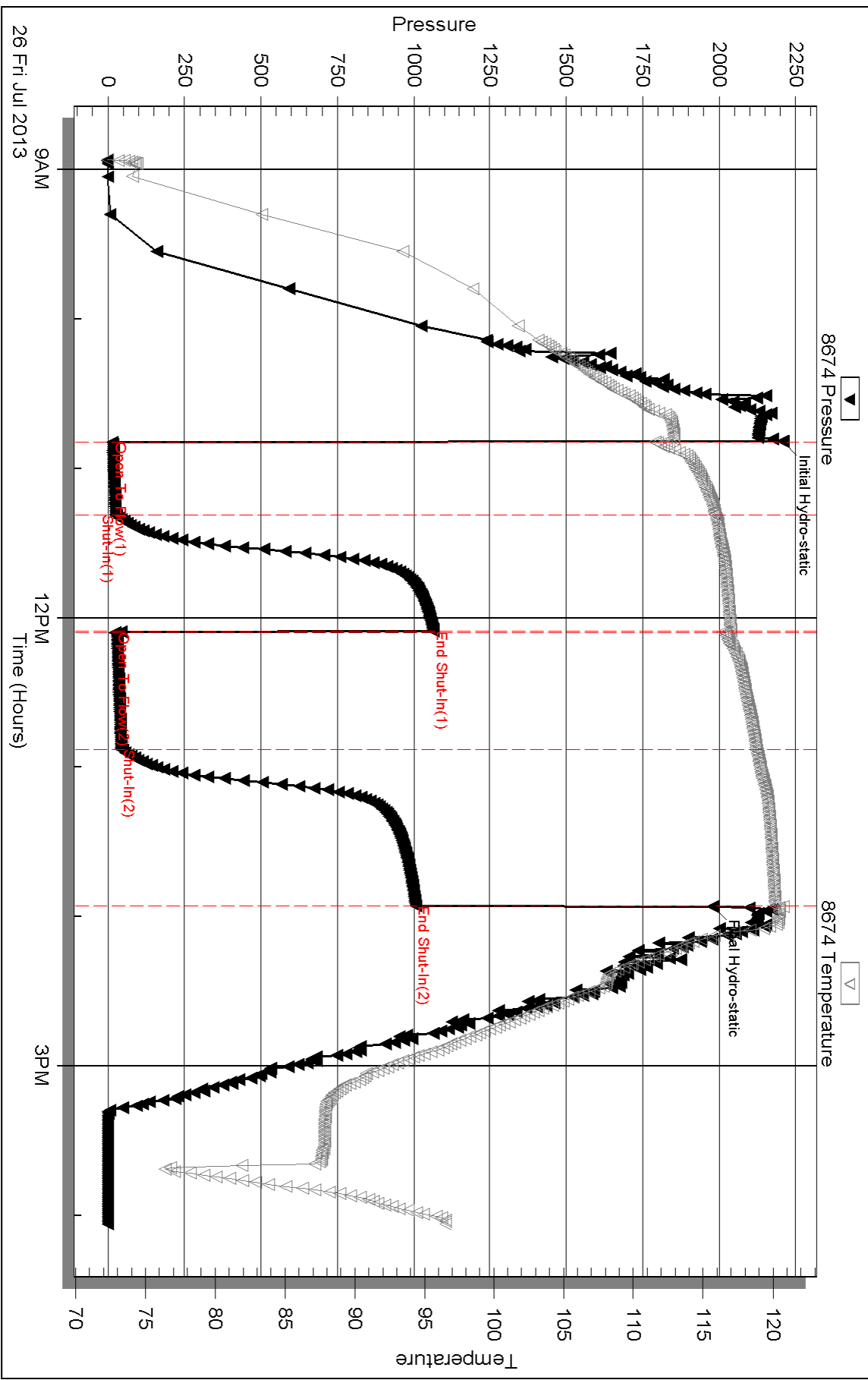
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

O'Brien Resources LLC

35-16s-30w Lane Co. KS

P.o Box 6149
Shreveport LA 71136

Snider-Sharp 35 #1

Job Ticket: 49090

DST#: 6

ATTN: Kurt Talbott

Test Start: 2013.07.25 @ 07:22:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:28:25

Time Test Ended: 13:35:39

Test Type: Conventional Bottom Hole (Reset)

Tester: Will MacLean

Unit No: 58

Interval: 4306.00 ft (KB) To 4390.00 ft (KB) (TVD)

Reference Elevations: 2862.00 ft (KB)

Total Depth: 4390.00 ft (KB) (TVD)

2851.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8674 Inside

Press @ Run Depth: 21.26 psig @ 4307.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.07.25

End Date:

2013.07.25

Last Calib.:

2013.07.25

Start Time: 07:22:00

End Time:

13:35:39

Time On Btm:

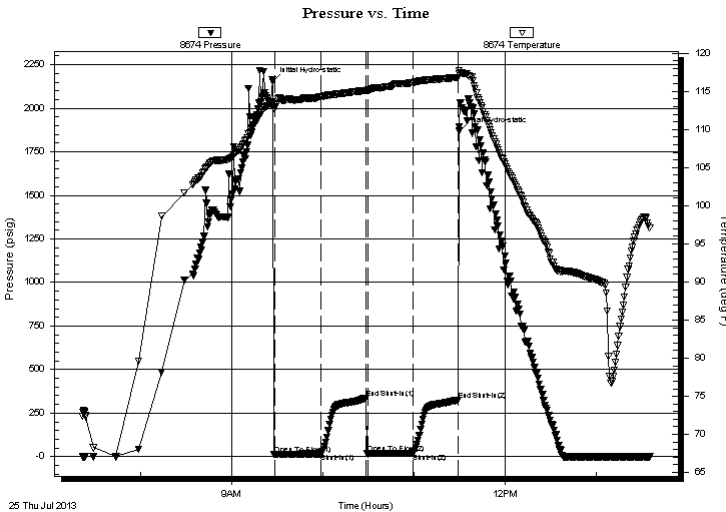
2013.07.25 @ 09:27:10

Time Off Btm:

2013.07.25 @ 11:29:40

TEST COMMENT: IF- Weak Surface Blow Built to 1"
IS- No Blow
FF-Weak Surface Blow Built to 1"
FS- No Blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2152.98	113.28	Initial Hydro-static
2	12.62	112.92	Open To Flow (1)
32	16.97	114.31	Shut-In(1)
62	335.52	115.12	End Shut-In(1)
63	16.74	115.15	Open To Flow (2)
93	21.26	116.15	Shut-In(2)
123	326.10	116.84	End Shut-In(2)
123	1867.45	117.75	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	GWOCM 5%g 7%w 43%oil 45%m	0.14
10.00	GO 2%g 98%oil	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

35-16s-30w Lane Co. KS

P.o Box 6149
Shreveport LA 71136

Snider-Sharp 35 #1

Job Ticket: 49090 **DST#: 6**

ATTN: Kurt Talbott

Test Start: 2013.07.25 @ 07:22:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 30 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 27000 ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.38 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 1800.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

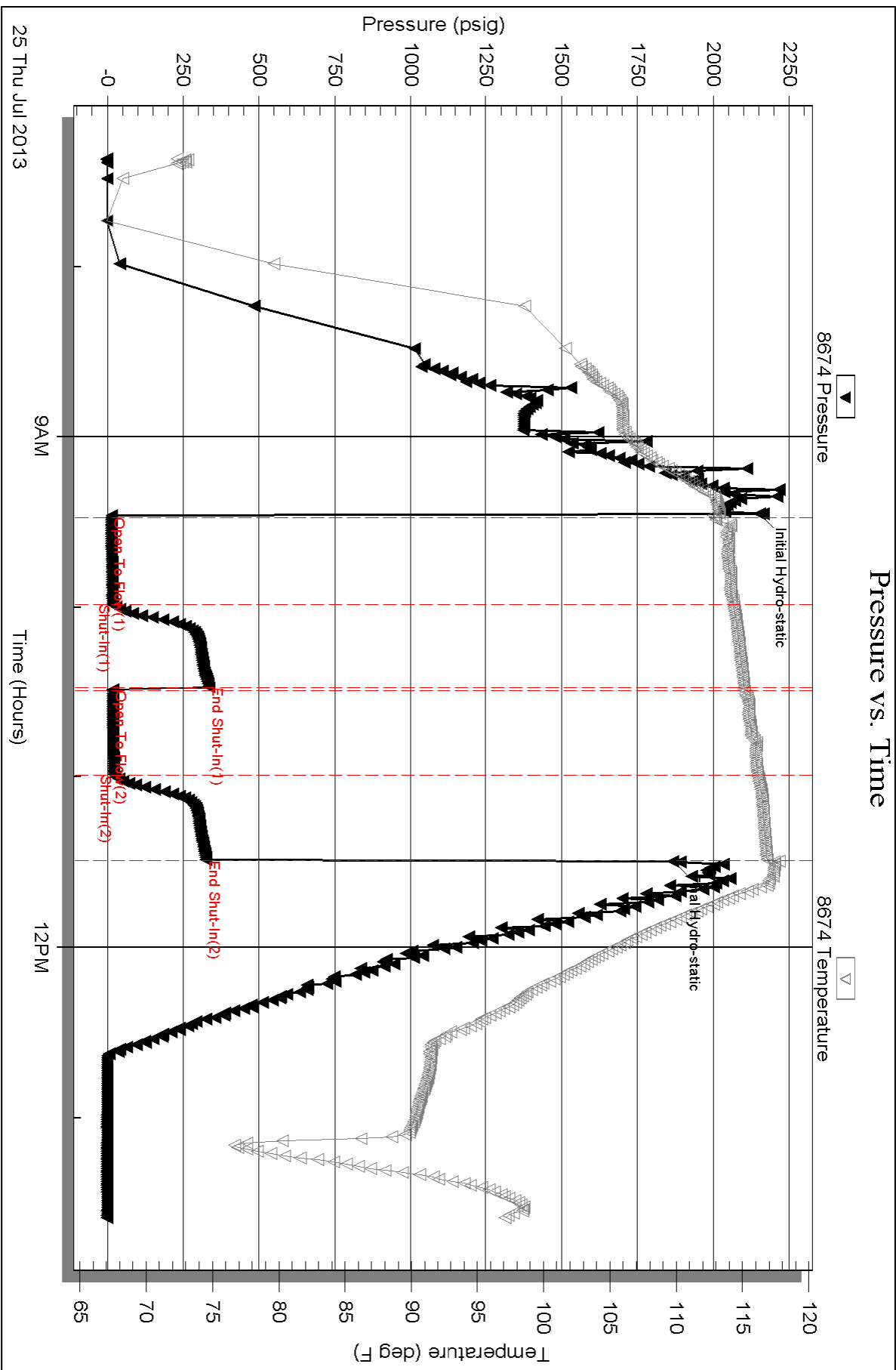
Length ft	Description	Volume bbl
10.00	GWOCM 5%g 7%w 43%oil 45%m	0.140
10.00	GO 2%g 98%oil	0.140

Total Length: 20.00 ft Total Volume: 0.280 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: API is 33 @ 90f = 30
RW is .189 @ 90f = 27000





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

O'Brien Resources LLC

35-16s-30w Lane Co. KS

P.o Box 6149
Shreveport LA 71136

Snider-Sharp 35 #1

Job Ticket: 49089 **DST#: 5**

ATTN: Kurt Talbott

Test Start: 2013.07.24 @ 10:12:00

GENERAL INFORMATION:

Formation: **LKC " 220 " - L**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 12:00:55
 Tester: Will MacLean
 Time Test Ended: 16:05:54
 Unit No: 58
 Interval: **4240.00 ft (KB) To 4300.00 ft (KB) (TVD)**
 Reference Elevations: 2862.00 ft (KB)
 Total Depth: 4300.00 ft (KB) (TVD)
 2851.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Good
 KB to GR/CF: 11.00 ft

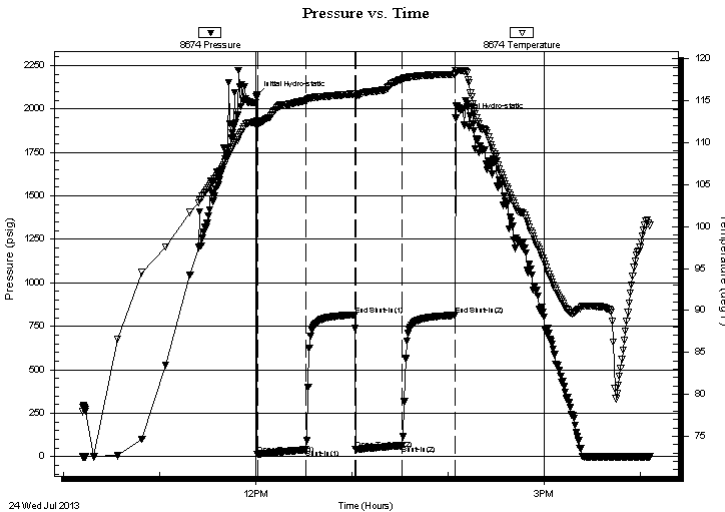
Serial #: 8674

Inside

Press @ Run Depth: 63.70 psig @ 4241.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.07.24 End Date: 2013.07.24 Last Calib.: 2013.07.24
 Start Time: 10:12:00 End Time: 16:05:54 Time On Btm: 2013.07.24 @ 12:00:40
 Time Off Btm: 2013.07.24 @ 14:04:40

TEST COMMENT: IF- Weak Surface Blow Built to 3 1/4"
 IS- No Blow
 FF- Weak Surface Blow Built to 3/4"
 FS- No Blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2079.92	112.64	Initial Hydro-static
1	14.85	111.91	Open To Flow (1)
31	40.68	115.02	Shut-In(1)
61	815.95	115.83	End Shut-In(1)
62	42.18	115.47	Open To Flow (2)
91	63.70	117.56	Shut-In(2)
124	813.65	118.16	End Shut-In(2)
124	1948.18	118.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	OWGCM 2%oil 2%w 6%g 90%m	0.87
20.00	GOCM 6%g 7%oil 87%m	0.28
30.00	GO 4%g 96%oil	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

35-16s-30w Lane Co. KS

P.o Box 6149
Shreveport LA 71136

Snider-Sharp 35 #1

Job Ticket: 49089 **DST#: 5**

ATTN: Kurt Talbott

Test Start: 2013.07.24 @ 10:12:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 28 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.39 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 1800.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

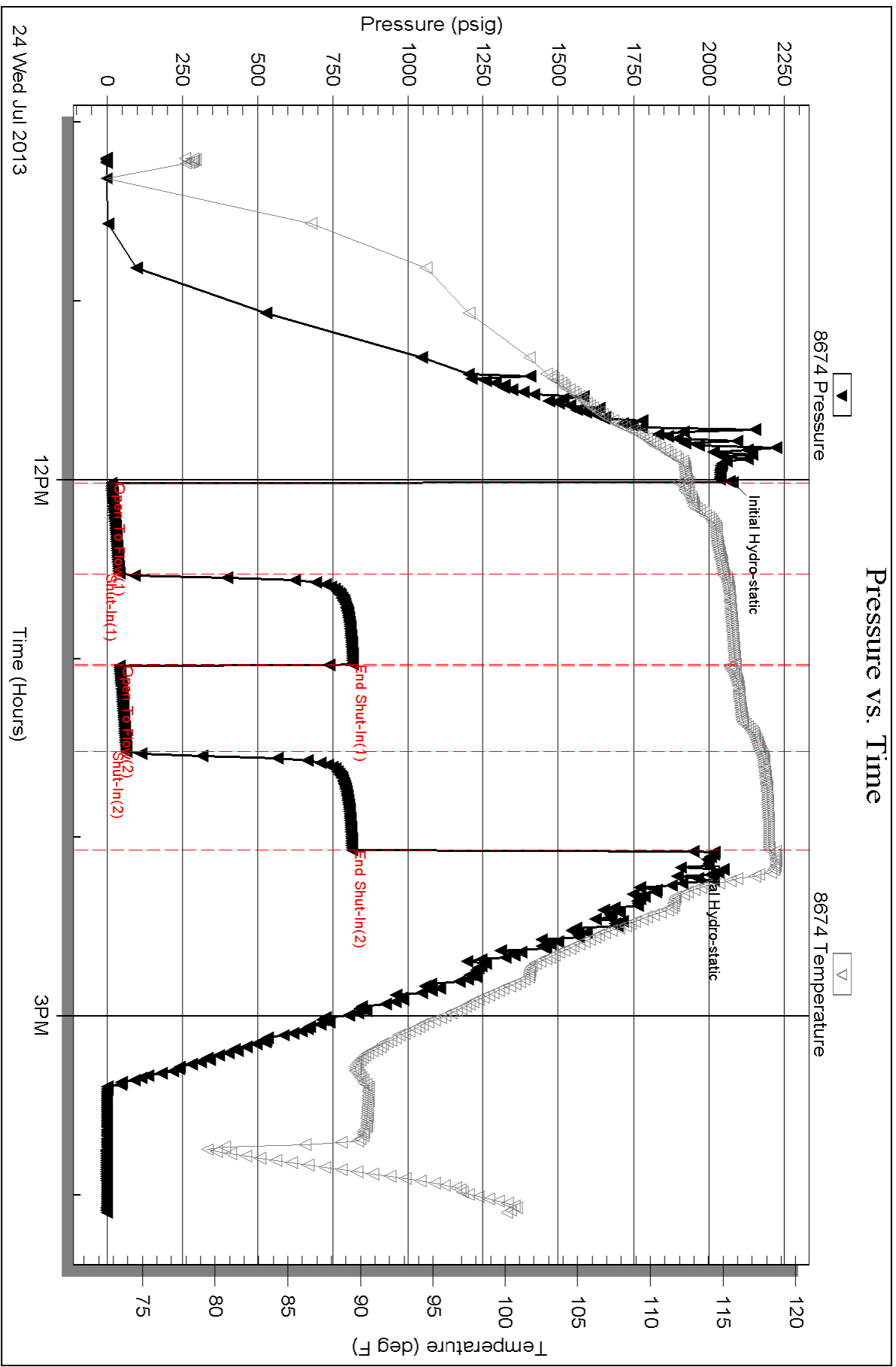
Length ft	Description	Volume bbl
62.00	OWGCM 2%oil 2%w 6%g 90%m	0.870
20.00	GOCM 6%g 7%oil 87%m	0.281
30.00	GO 4%g 96%oil	0.421

Total Length: 112.00 ft Total Volume: 1.572 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: API is 32 @ 100f = 28





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

O'Brien Resources LLC
 P.o Box 6149
 Shreveport LA 71136
 ATTN: Kurt Talbott

35-16s-30w Lane Co. KS
Snider-Sharp 35 #1
 Job Ticket: 49088 **DST#: 4**
 Test Start: 2013.07.23 @ 15:52:00

GENERAL INFORMATION:

Formation: **LKC " 200 "**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 17:36:55
 Time Test Ended: 21:47:09
 Interval: **4201.00 ft (KB) To 4230.00 ft (KB) (TVD)**
 Total Depth: 4230.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Will MacLean
 Unit No: 58
 Reference Elevations: 2862.00 ft (KB)
 2851.00 ft (CF)
 KB to GR/CF: 11.00 ft

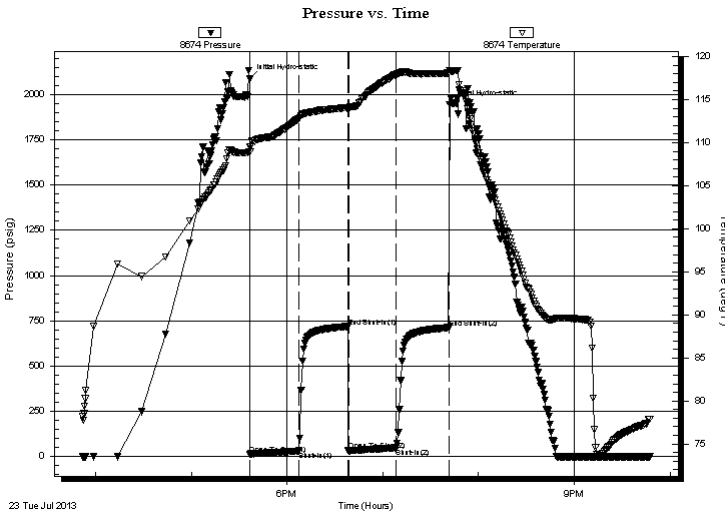
Serial #: 8674

Inside

Press @ Run Depth: 48.11 psig @ 4202.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.07.23 End Date: 2013.07.23 Last Calib.: 2013.07.23
 Start Time: 15:52:00 End Time: 21:47:09 Time On Btm: 2013.07.23 @ 17:36:40
 Time Off Btm: 2013.07.23 @ 19:41:55

TEST COMMENT: IF- Weak Surface Blow Built to 1 1/4"
 IS- No Blow
 FF- Weak Surface Blow Built to 1/2"
 FS- No Blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2084.83	109.48	Initial Hydro-static
1	14.22	108.94	Open To Flow (1)
31	30.71	112.76	Shut-In(1)
62	718.23	114.08	End Shut-In(1)
62	32.41	114.04	Open To Flow (2)
92	48.11	117.94	Shut-In(2)
125	712.40	118.08	End Shut-In(2)
126	1942.79	118.40	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	OWCM 1%oil 27%w 72%m	0.87
10.00	WOCM 16%w 38%oil 46%m	0.14
15.00	100%oil	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 LLC

35-16s-30w Lane Co. KS

P.o Box 6149
Shreveport LA 71136

Snider-Sharp 35 #1

Job Ticket: 49088 **DST#: 4**

ATTN: Kurt Talbott

Test Start: 2013.07.23 @ 15:52:00

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: 24000 ppm
Viscosity: 70.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.97 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 1900.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

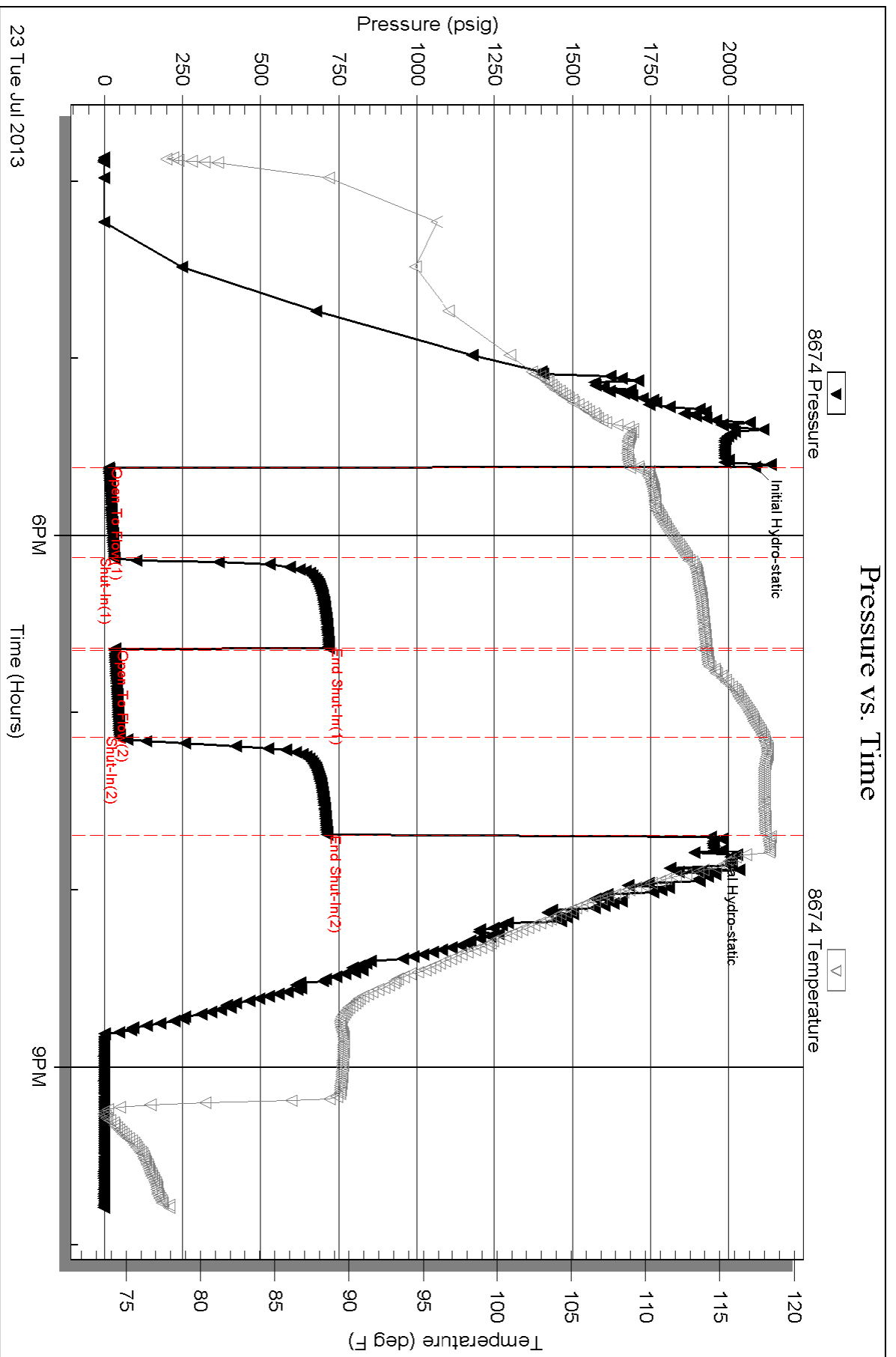
Length ft	Description	Volume bbl
62.00	OWCM 1%oil 27%w 72%m	0.870
10.00	WOCM 16%w 38%oil 46%m	0.140
15.00	100%oil	0.210

Total Length: 87.00 ft Total Volume: 1.220 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: API is 29 @ 80f = 27
RW is .244 @ 78f = 24000





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

O'Brien Resources LLC
 P.o Box 6149
 Shreveport LA 71136
 ATTN: Kurt Talbott

35-16s-30w Lane Co. KS

Snider-Sharp 35 #1

Job Ticket: 49087 **DST#: 3**
 Test Start: 2013.07.23 @ 00:14:00

GENERAL INFORMATION:

Formation: **LKC "H-J"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:15:25
 Time Test Ended: 07:08:09
 Interval: **4110.00 ft (KB) To 4195.00 ft (KB) (TVD)**
 Total Depth: 4195.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Will MacLean
 Unit No: 58
 Reference Elevations: 2862.00 ft (KB)
 2851.00 ft (CF)
 KB to GR/CF: 11.00 ft

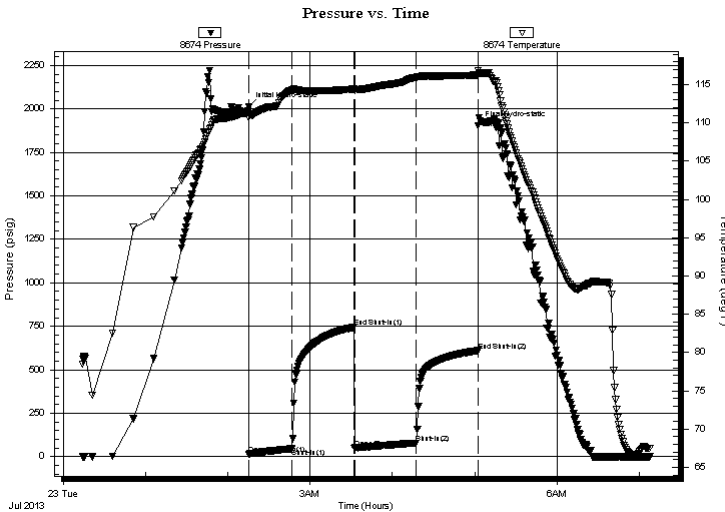
Serial #: 8674

Inside

Press @ Run Depth: 78.33 psig @ 4111.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.07.23 End Date: 2013.07.23 Last Calib.: 2013.07.23
 Start Time: 00:14:00 End Time: 07:08:09 Time On Btm: 2013.07.23 @ 02:15:10
 Time Off Btm: 2013.07.23 @ 05:02:24

TEST COMMENT: IF- Weak Surface Blow Built to 5"
 IS- No Blow
 FF- Weak Surface Blow Built to 3 3/4"
 FS- No Blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2010.88	111.44	Initial Hydro-static
1	14.63	110.73	Open To Flow (1)
32	45.49	114.32	Shut-In(1)
77	743.78	114.42	End Shut-In(1)
78	50.66	114.40	Open To Flow (2)
122	78.33	115.95	Shut-In(2)
167	609.82	116.26	End Shut-In(2)
168	1906.00	116.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	WCM 12%w 88%m with Skim of Oil	0.87
77.00	OCM 2%oil 98%m	1.08

* 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

35-16s-30w Lane Co. KS

P.o Box 6149
Shreveport LA 71136

Snider-Sharp 35 #1

Job Ticket: 49087

DST#: 3

ATTN: Kurt Talbott

Test Start: 2013.07.23 @ 00:14:00

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:

23500 ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.16 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
62.00	WCM 12%w 88%m with Skim of Oil	0.870
77.00	OCM 2%oil 98%m	1.080

Total Length: 139.00 ft Total Volume: 1.950 bbl

Num Fluid Samples: 0

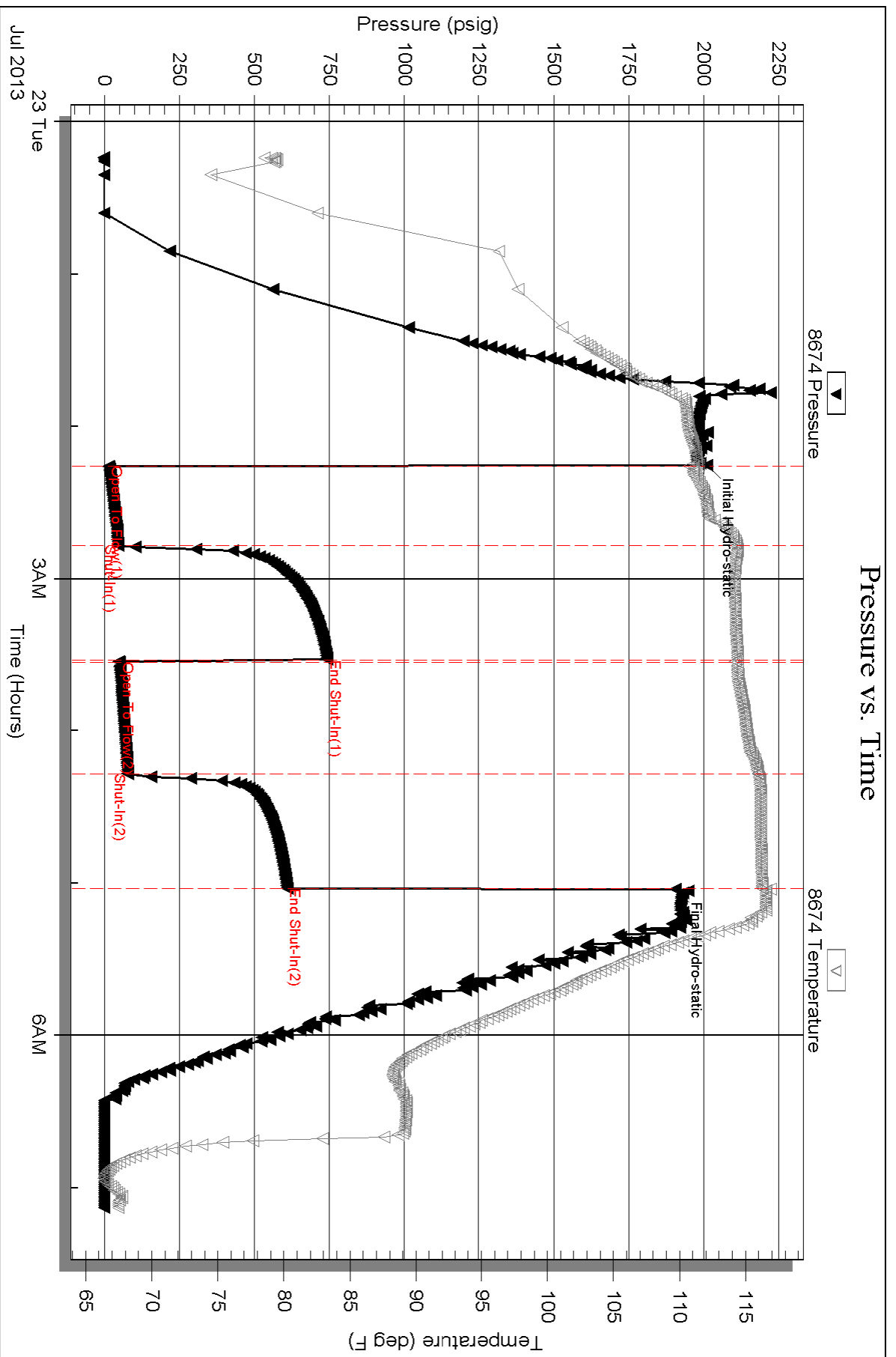
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW is .297 @ 67f = 23500





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

O'Brien Resources LLC

35-16s-30w Lane Co. KS

P.o Box 6149
Shreveport LA 71136

Snider-Sharp 35 #1

Job Ticket: 49086 **DST#: 2**

ATTN: Kurt Talbott

Test Start: 2013.07.22 @ 01:40:00

GENERAL INFORMATION:

Formation: **LKC " B - E "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:38:25

Time Test Ended: 07:48:39

Test Type: Conventional Bottom Hole (Reset)

Tester: Will MacLean

Unit No: 58

Interval: 3969.00 ft (KB) To 4044.00 ft (KB) (TVD)

Reference Elevations: 2862.00 ft (KB)

Total Depth: 4044.00 ft (KB) (TVD)

2851.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8674 Inside

Press @ Run Depth: 33.38 psig @ 3970.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.07.22

End Date:

2013.07.22

Last Calib.:

2013.07.22

Start Time: 01:40:00

End Time:

07:48:39

Time On Btm:

2013.07.22 @ 03:38:10

Time Off Btm:

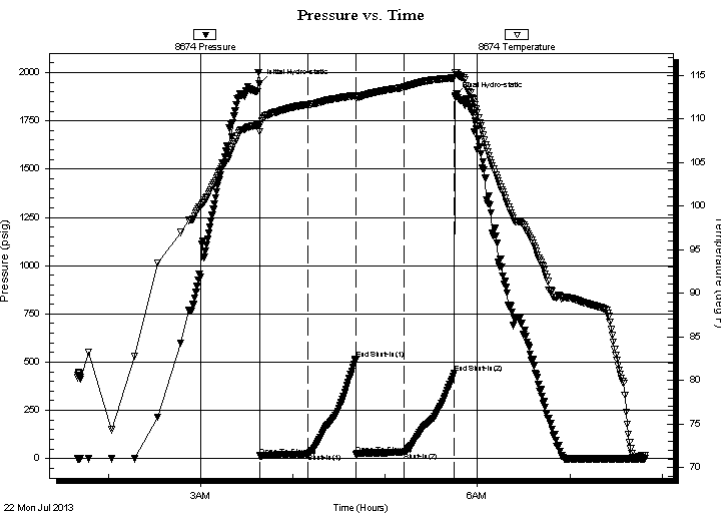
2013.07.22 @ 05:45:25

TEST COMMENT: IF- Weak Surface Blow Built to 1 3/4"

IS- No Blow

FF- Weak Surface Blow Built to 1 1/2"

FS- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1944.26	109.26	Initial Hydro-static
1	13.85	108.52	Open To Flow (1)
32	24.85	111.61	Shut-In(1)
63	515.02	112.64	End Shut-In(1)
63	22.77	112.44	Open To Flow (2)
95	33.38	113.63	Shut-In(2)
127	442.59	114.68	End Shut-In(2)
128	1877.92	115.23	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	OCM 14%oil 86%m	0.63
5.00	100%oil	0.07

* 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

35-16s-30w Lane Co. KS

P.o Box 6149
Shreveport LA 71136

Snider-Sharp 35 #1

Job Ticket: 49086 **DST#: 2**

ATTN: Kurt Talbott

Test Start: 2013.07.22 @ 01:40:00

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: bbl		
Water Loss: 8.77 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2500.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	OCM 14%oil 86%m	0.631
5.00	100%oil	0.070

Total Length: 50.00 ft Total Volume: 0.701 bbl

Num Fluid Samples: 0

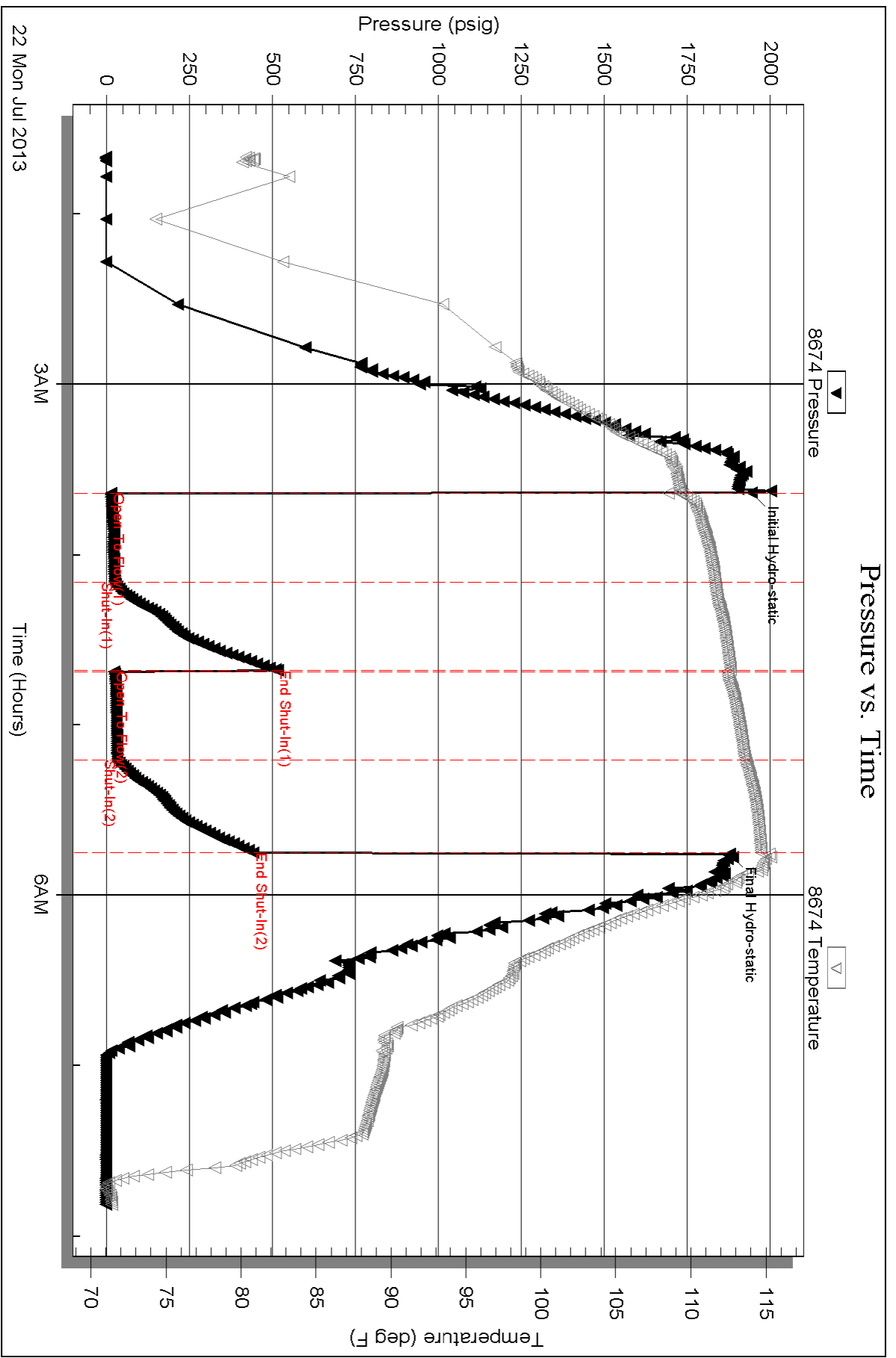
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

O'Brien Resources LLC

35-16s-30w Lane Co. KS

P.o Box 6149
Shreveport LA 71136

Snider-Sharp 35 #1

Job Ticket: 49085 **DST#: 1**

ATTN: Kurt Talbott

Test Start: 2013.07.21 @ 05:32:00

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: 40.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.97 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2200.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

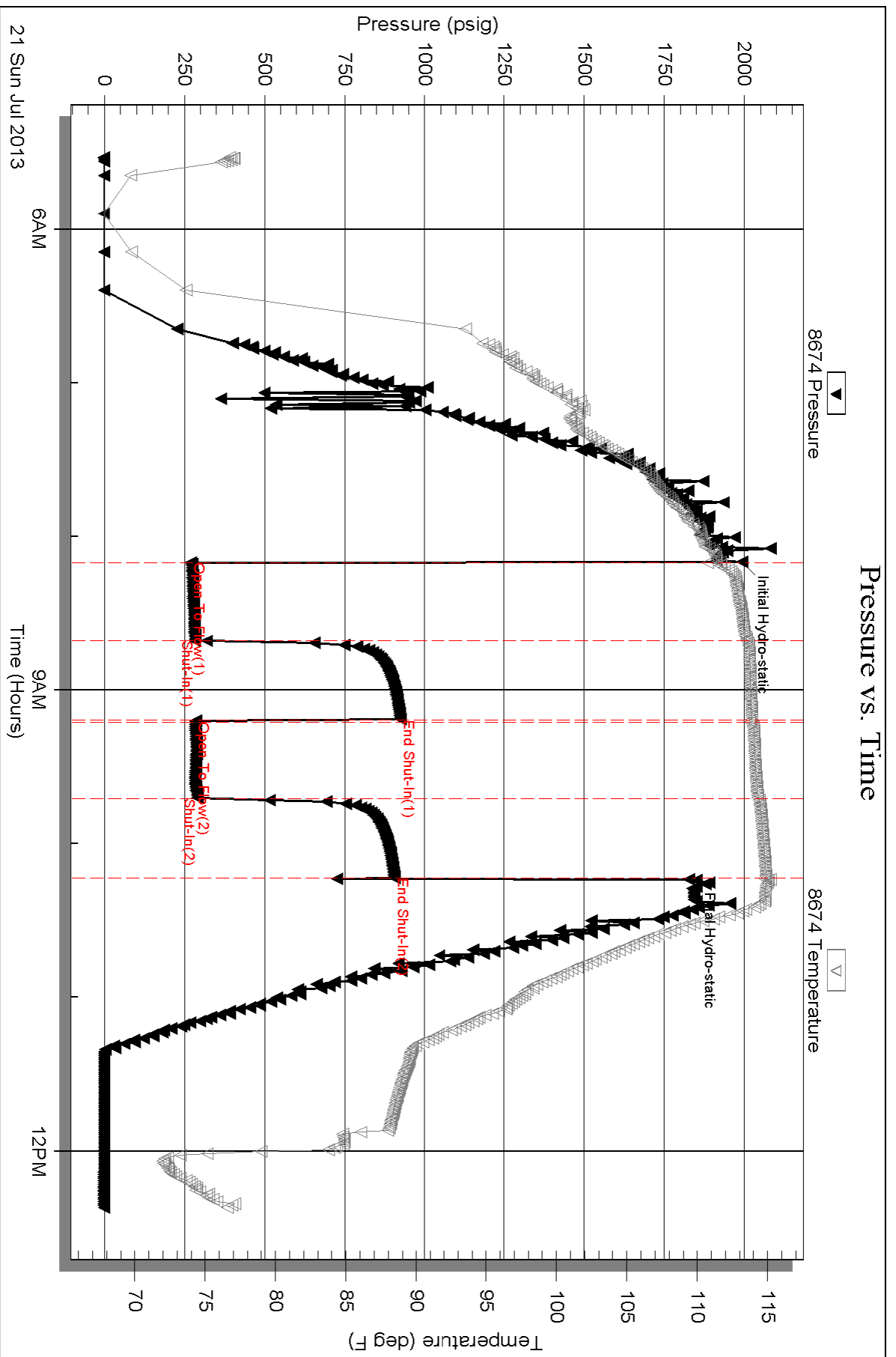
Length ft	Description	Volume bbl
248.00	WCM 2%w 98%m with Skim of Oil on Top	3.479
186.00	OCM 2%oil 98%m	2.609
82.00	OCM 9%oil 91%m	1.150

Total Length: 516.00 ft Total Volume: 7.238 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: Chased Tool about 8' to Bottom



ALLIED OIL & GAS SERVICES, LLC 060737

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:

Orkley

DATE <i>7/16/13</i>	SEC. <i>35</i>	TWP. <i>16</i>	RANGE <i>30</i>	CALLED OUT	ON LOCATION	JOB START <i>10:00 am</i>	JOB FINISH <i>10:30 pm</i>
LEASE <i>Snider Sharp</i>		WELL # <i>35</i>		LOCATION <i>Healy 3/4 N E into</i>		COUNTY <i>lane</i>	STATE <i>Ks.</i>
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR *Val #7*

TYPE OF JOB *Surface*

HOLE SIZE *12 1/4* T.D. *263*

CASING SIZE *8 5/8* DEPTH *263.84'*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. *15'*

PERFS.

DISPLACEMENT *15.85*

OWNER *Same*

CEMENT
AMOUNT ORDERED *170 SKs Com 3% CC, 2% Gel*

EQUIPMENT

PUMP TRUCK CEMENTER *Darren Racette*

120 HELPER *Tyler Flipse*

BULK TRUCK

310-310 DRIVER *David Scarlano*

BULK TRUCK

DRIVER *Alex*

COMMON	<i>170 SKs @ \$17.90</i>	<i>\$3043.00</i>
POZMIX		
GEL	<i>3 SKs @ \$23.40</i>	<i>\$70.20</i>
CHLORIDE	<i>6 SKs @ \$64.00</i>	<i>\$384.00</i>
ASC		
HANDLING	<i>183.8 CF x @ \$2.48</i>	<i>\$455.82</i>
MILEAGE	<i>8.39 x 55 x @ \$2.60</i>	<i>\$1199.77</i>
TOTAL		<i>\$5152.79</i>

REMARKS:

mix 170 SKs Cement

Displace with water

Cement Did Circulate

8 bbl To Pit

Thank You.

SERVICE

DEPTH OF JOB *263.84'*

PUMP TRUCK CHARGE *\$1512.25*

EXTRA FOOTAGE @

MILEAGE *55 @ \$7.20* *\$423.50*

MANIFOLD *Swedge* @ *\$275.00*

LV mileage @ \$4.92 *\$242.22*

TOTAL *\$2452.75*

CHARGE TO: *O'Brien Resources*

STREET _____

CITY _____ STATE _____ ZIP _____

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.

PRINTED NAME *James Smith*

SIGNATURE *[Signature]*

SALES TAX (If Any) _____

TOTAL CHARGES *7,605.54*

DISCOUNT *1,901.38* IF PAID IN 30 DAYS

5,704.15 Net.



CONSOLIDATED
Oil Well Services, LLC

260978

TICKET NUMBER 38047
LOCATION Oakley, KS
FOREMAN Kelly Gabel
Walt Dinkel

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

FIELD TICKET & TREATMENT REPORT

CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-28-13	5950	Snider - Sharp 1-35	35	16	30	lane
CUSTOMER			Healy 1 N 1/8 E N into			
Mailing Address			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY			528	Tim	529	Sack
STATE						
ZIP CODE						

JOB TYPE 2-stage HOLE SIZE 7 7/8 HOLE DEPTH 41675 CASING SIZE & WEIGHT 4 1/2 10.5#
CASING DEPTH 41680 DRILL PIPE _____ TUBING DV Top # 59 OTHER DV @ 2250'
SLURRY WEIGHT 142-125 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 21.25
DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: safety meeting, ran float equip on ST # cent-11449, 113, 110, 108
106, 104, 102, 100, 95, 60 baskets 111, 94, 59, scratchers 106-115 41 per ST
DV Top # 59 ran pipe to bottom, hooked up to circulate for 1 hr, pumped
5 bbl mud, 5 bbl water, 20 bbl KCl, mixed 180 SKS com 100% 20% 1+
2 20 gal, released plug & displaced w/ 40 bbl water + 3 1/2 bbl mud
w/ a lift of 7:50 # Plug landed @ 1500 ft, released pressure float
held, dropped DV bomb, opened tool & circulated for 3 hrs, pumped 500 gal
mud flush, mixed approx 400 SKS 6% super 8 lb 4 1/2" lost circ, shut down for 30 min, mixed
100 SKS, Release Plug Displace 35 3/4 BBL, Landed Plug Shut Tool + Hold, Put 30 SKS in R.H. 20-114
Circ approx 15 BBL cement to bit
Thank You Kelly + crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401C	1	PUMP CHARGE	2,850.00	2,850.00
405406	30	MILEAGE	5.25	157.50
11045	180 SKS	Class A cement	18.55	3,339.00
1111	86 #	salt	.50	43.00
1118B	4,466 #	Bentonite	.27	1,205.82
1131	600 SKS	60/40 Poz	15.96	9,576.00
1142A	2-6 gal	KCl	41.10	82.20
1107	150 #	Flo-seal	29.70	4,455.00
5407	34.26	Ton mileage delivery	1.75	1,798.80
1144G	1000 gal	mud flush	1.00	1,000.00
4161	1	4 1/2 AFU Floats hole (w)	359.25	359.25
4129	10	Centralizer (E)	48.50	485.00
4103	3	Basket 4 1/2 (w)	275.00	825.00
41314	40	reciprocating scratchers (w)	82.00	3,280.00
4276A	1	4 1/2 DV Tool with Latchdown	4,042.50	4,042.50
				29,817.07
				2,981.71
				26,835.36
			SALES TAX	1609.45
			ESTIMATED TOTAL	28444.81

completed

AUTHORIZATION [Signature] TITLE _____ DATE 7-28-13

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.