



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1219265
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
-----------------------------------	-----------------	---

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: _____

1219265

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
---	---

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> _____
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: _____ _____
--	--	---

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	JF Group A 2-19
Doc ID	1219265

All Electric Logs Run

DIL
CNL
MEL
SONIC

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	JF Group A 2-19
Doc ID	1219265

Tops

Name	Top	Datum
Heebner	3980	-770
Lansing	4026	-816
Stark Shale	4327	-1117
Hushpuckney	4383	-1173
Base KC	4468	-1258
Marmaton	4504	-1294
Panee	4589	-1379
Ft. Scott	4611	-1401
Johnson	4721	-1511
Morrow	4815	-1605
Basal Penn	4928	-1718
Mississippian	4944	-1734



INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 145218
Invoice Date: Aug 18, 2014
Page: 1

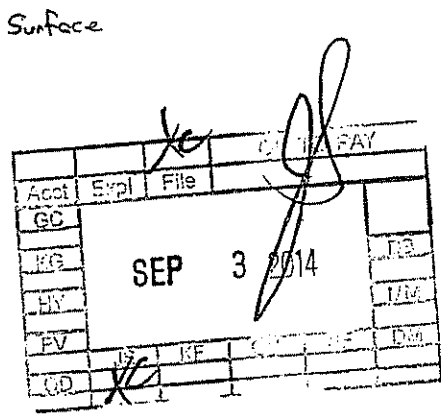
Voice: (817) 546-7282
Fax: (817) 246-3361

Bill To:
Lario Oil & Gas Co. Lario Oil & Gas Co. P.O. Box 1093 Garden City, KS 67846

drilling AFS 14 171
9-2-14 LK

Customer ID	Field Ticket #	Payment Terms	
Lario	64176	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Aug 18, 2014	9/17/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	J F Group A #2-19		
225.00	CEMENT MATERIALS	Class A Common	17.90	4,027.50
635.00	CEMENT MATERIALS	Chloride	1.10	698.50
237.56	CEMENT SERVICE	Cubic Feet Charge	2.48	589.15
544.61	CEMENT SERVICE	Ton Mileage Charge	2.75	1,497.68
1.00	CEMENT SERVICE	Surface	1,512.25	1,512.25
50.00	CEMENT SERVICE	Pump Truck Mileage	7.70	385.00
1.00	CEMENT SERVICE	Manifold Head Rental	275.00	275.00
50.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	220.00
1.00	EQUIPMENT SALES	8-5/8 Wooden Plug	110.00	110.00
1.00	CEMENT SUPERVISOR	Alan Ryan		
1.00	EQUIPMENT OPERATOR	Kevin Ryan		
1.00	OPERATOR ASSISTANT	George Grant		



ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$ 2,761.52

ONLY IF PAID ON OR BEFORE
Sep 17, 2014

Subtotal	9,315.08
Sales Tax	394.13
Total Invoice Amount	9,709.21
Payment/Credit Applied	
TOTAL	9,709.21

ALLIED OIL & GAS SERVICES, LLC 064176

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: Dallas, TX

DATE <u>8/18/14</u>	SEC. <u>19</u>	TWP. <u>18</u>	RANGE <u>35</u>	CALLED OUT	ON LOCATION	JOB START <u>6:30</u>	JOB FINISH <u>2:00</u>
LEASE <u>JFC Group #1</u>	WELL # <u>7-19</u>	LOCATION <u>Messiah 2nd - Ad 2015</u>			COUNTY <u>Wichita</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>		LOCATION <u>1/2 W NW 270</u>					

CONTRACTOR Duke 4
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 371
 CASING SIZE 8 1/8 DEPTH 371
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 15'
 PERFS. _____
 DISPLACEMENT 20.60
 EQUIPMENT _____

PUMP TRUCK CEMENTER Alton Ryan
 # 44281 HELPER Kevin Ryan
 BULK TRUCK _____
 # 881 DRIVER George Grant
 BULK TRUCK _____
 # _____ DRIVER _____

OWNER _____
 CEMENT AMOUNT ORDERED 225 Com 370CC
 COMMON 225 @ 17.90 4027.50
 POZMIX _____ @ _____
 GEL _____ @ _____
 CHLORIDE 63516 @ 1.10 698.50
 ASC _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING 232.56 CF @ 2.40 558.16
 MILEAGE 270 @ _____ 1497.00
 TOTAL _____

REMARKS:
Re-cement, Circulate, Max Cement, Displace Cement
Shut in
Cement Add Circulate
Tank by Alton Ryan, George

CHARGE TO: Lario Oil & Gas
 STREET _____
 CITY _____ STATE _____ ZIP _____

SERVICE
 DEPTH OF JOB 371
 PUMP TRUCK CHARGE _____ 15.12 225
 EXTRA FOOTAGE _____ @ _____
 MILEAGE 50 @ 7.20 360.00
 MANIFOLD Head @ _____ 275.00
Wichita 50 @ 4.40 220.00
 _____ @ _____
 _____ @ _____
 TOTAL 4,179.09

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 Rich Wheeler
 SIGNATURE Rich Wheeler

PLUG & FLOAT EQUIPMENT
8 1/8 Wood Plug @ _____ 110.00
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 TOTAL 110.00

SALES TAX (If Any) _____
 TOTAL CHARGES 9,315.09
 DISCOUNT 2,761.82 (30%) IF PAID IN 30 DAYS
Bid 6,553.06 Net.

NO COPY



INVOICE

PO Box 93999
Southlake, TX 76092

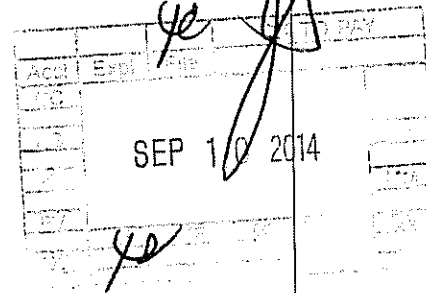
Invoice Number: 145368
Invoice Date: Aug 29, 2014
Page: 1

Voice: (817) 546-7282
Fax: (817) 246-3361

Bill To:
Lario Oil & Gas Co. Lario Oil & Gas Co. P.O. Box 1093 Garden City, KS 67846

Customer ID	Field Ticket #	Payment Terms	
Lario	64186	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-03	Oakley	Aug 29, 2014	9/28/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	JF Group A #1 10 JF Group A 2-19	18.92	5,297.60
280.00	CEMENT MATERIALS	60/40/4% Gel Blend	2.97	207.90
70.00	CEMENT MATERIALS	Flo Seal	2.48	745.79
300.72	CEMENT SERVICE	Cubic Feet Charge	2.75	1,727.00
628.00	CEMENT SERVICE	Ton Mileage Charge	2,483.59	2,483.59
1.00	CEMENT SERVICE	Plug to Abandon	7.70	385.00
50.00	CEMENT SERVICE	Pump Truck Mileage	4.40	220.00
50.00	CEMENT SERVICE	Light Vehicle Mileage		
1.00	CEMENT SUPERVISOR	Alan Ryan		
1.00	EQUIPMENT OPERATOR	Kevin Ryan		



Subtotal	11,066.88
Sales Tax	901.95
Total Invoice Amount	11,968.83
Payment/Credit Applied	
TOTAL	11,968.83

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$ 3,320.06

ONLY IF PAID ON OR BEFORE
Sep 28, 2014

ALLIED OIL & GAS SERVICES, LLC 064186

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: Outlog B

DATE <u>2/29/14</u>	SEC. <u>19</u>	TWP. <u>18</u>	RANGE <u>36</u>	CALLED OUT	ON LOCATION	JOB START <u>5:00</u>	JOB FINISH <u>6:00</u>
LEASE <u>JF Group A</u>	WELL # <u>1-19</u>	LOCATION <u>Marienthal Rd 20 1 S 1/4 W</u>			COUNTY <u>Wichita</u>	STATE <u>K</u>	
OLD OR NEW (Circle one) <u>NEW</u>				<u>1/2 N Wichita</u>			

CONTRACTOR Duke Y
 TYPE OF JOB PTA
 HOLE SIZE 7 7/8 T.D. _____
 CASING SIZE 8 7/8 DEPTH _____
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4 1/2 DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT _____

OWNER _____
 CEMENT AMOUNT ORDERED 28060 / 40 480 gal
114 F20

EQUIPMENT

PUMP TRUCK CEMENTER Alan Ryan
 # 423-251 HELPER Kevin Ryan
 BULK TRUCK # 890 DRIVER Esteban (7125)
 BULK TRUCK # _____ DRIVER _____

COMMON @ _____
 POZMIX @ _____
 GEL @ _____
 CHLORIDE @ _____
 ASC @ _____
60/40 400 2805K @ 18 7/8 5297 60
Flo Seal 70 @ 297 207 24
Material Total @ 5,561.38
(1651.65 / 29.6)
 HANDLING 200.72 @ 2 1/2 745 79
 MILEAGE 21 700 / 16 12.56 700 1727 00
 TOTAL _____

REMARKS:

50 gal @ 24.50
80 gal @ 13.50
50 gal @ 2.00
50 gal @ 4.00
20 gal @ 6.00
30 gal @ RH

SERVICE

DEPTH OF JOB 2450'
 PUMP TRUCK CHARGE 2483.59
 EXTRA FOOTAGE @ _____
 MILEAGE 50 @ 2.22 388.00
 MANIFOLD @ _____
50 @ 4.40 220.00
 TOTAL 5,561.38
(1668.41 / 30%)

CHARGE TO: Loria Oil & Gas
 STREET _____
 CITY _____ STATE _____ ZIP _____

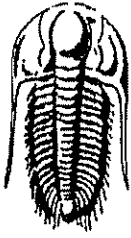
PLUG & FLOAT EQUIPMENT

_____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 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 Rich Wheeler
 SIGNATURE Rich Wheeler

SALES TAX (If Any) _____
 TOTAL CHARGES 11066.88
 DISCOUNT 3,320.66 (30%) IF PAID IN 30 DAYS
7746.81 Net



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Co.
301 S. Market St.
Wichita, KS 67202
ATTN: Brad Rine

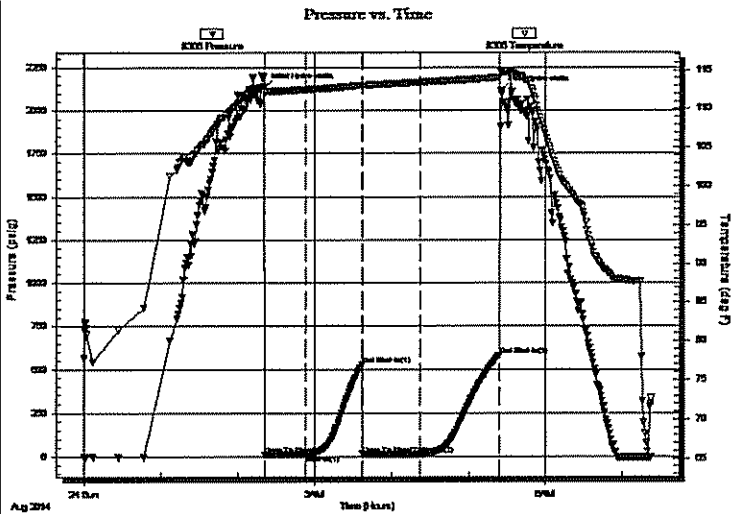
Wichita, Ks
JF Group A 2-19
Job Ticket: 59147 DST#: 1
Test Start: 2014.08.23 @ 23:59:50

GENERAL INFORMATION:

Formation: LKC - I
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 02:20:35
Time Test Ended: 07:23:18
Test Type: Conventional Bottom Hole (Initial)
Tester: Bradley Walter
Unit No: 69
Interval: 4251.00 ft (KB) To 4279.00 ft (KB) (TVD)
Reference Elevations: 3210.00 ft (KB)
Total Depth: 4279.00 ft (KB) (TVD)
3199.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good
KB to GR/CF: 11.00 ft

Serial #: 8365 Inside
Press@RunDepth: 13.38 psig @ 4252.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.08.23 End Date: 2014.08.24 Last Calib.: 2014.08.24
Start Time: 23:59:55 End Time: 07:23:18 Time On Btm: 2014.08.24 @ 02:20:20
Time Off Btm: 2014.08.24 @ 05:25:05

TEST COMMENT: IF: Surface blow, Died @ 5 min.
IS: No return.
FF: No blow.
FS: No return.



PRESSURE SUMMARY

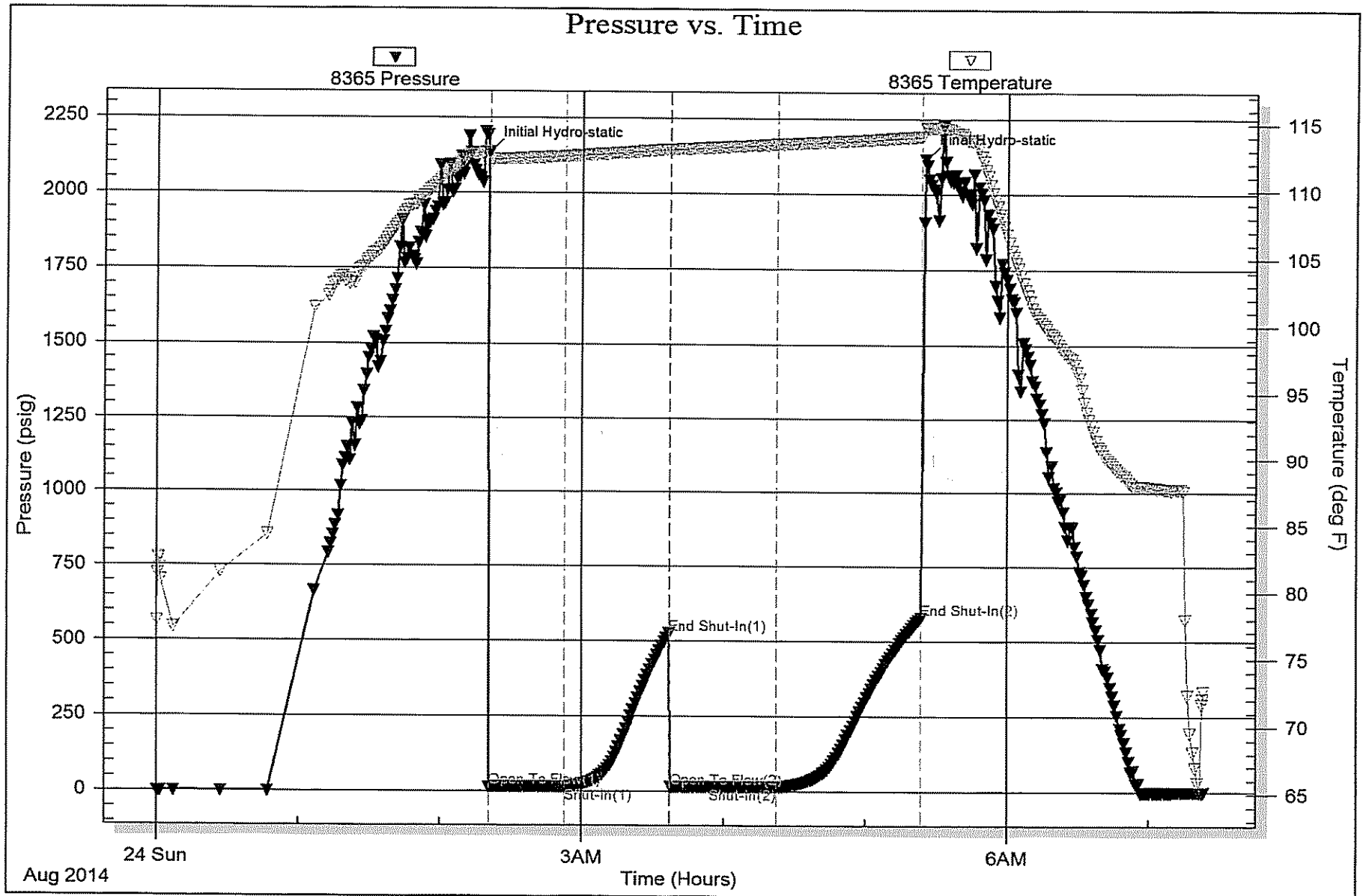
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2132.40	112.88	Initial Hydro-static
1	11.49	111.87	Open To Flow (1)
33	13.61	112.51	Shut-In(1)
77	523.96	113.06	End Shut-In(1)
77	13.65	112.98	Open To Flow (2)
122	13.38	113.44	Shut-In(2)
184	577.90	114.03	End Shut-In(2)
185	2114.25	114.73	Final Hydro-static

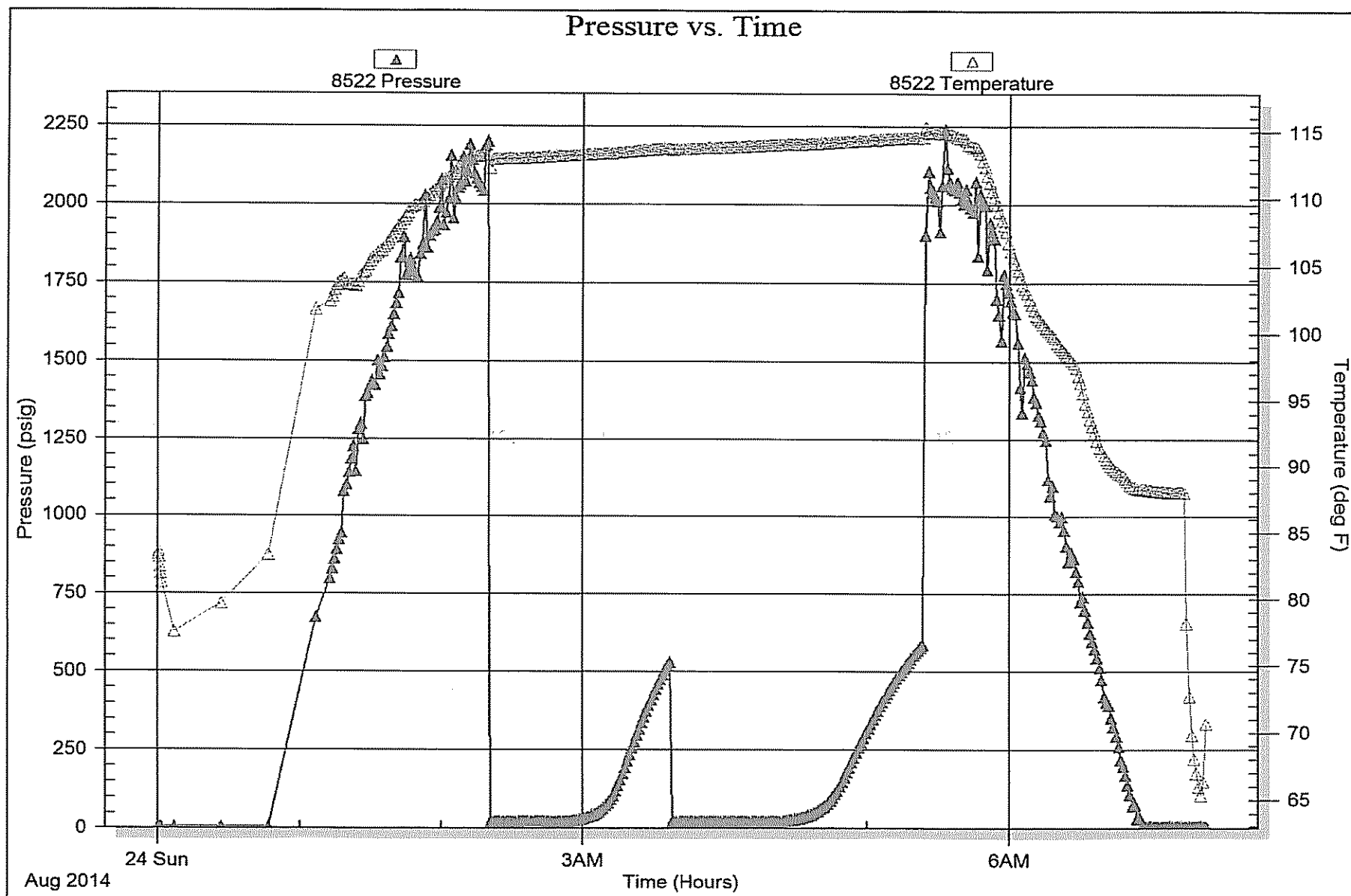
Recovery

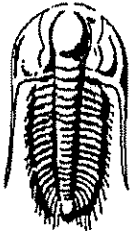
Length (ft)	Description	Volume (bbl)
3.00	mud 100m	0.04

Gas Rates

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







**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Co.

Wichita, Ks

301 S. Market St.
Wichita, KS 67202

JF Group A 2-19

Job Ticket: 59148

DST#: 2

ATTN: Brad Rine

Test Start: 2014.08.24 @ 15:48:00

GENERAL INFORMATION:

Formation: **Lower I**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:39:15

Time Test Ended: 22:22:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 69

Interval: **4279.00 ft (KB) To 4296.00 ft (KB) (TVD)**

Total Depth: 4296.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3210.00 ft (KB)

3199.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8365

Inside

Press@RunDepth: 53.99 psig @ 4280.00 ft (KB)

Start Date: 2014.08.24

End Date:

2014.08.24

Start Time: 15:48:05

End Time:

22:22:29

Capacity: 8000.00 psig

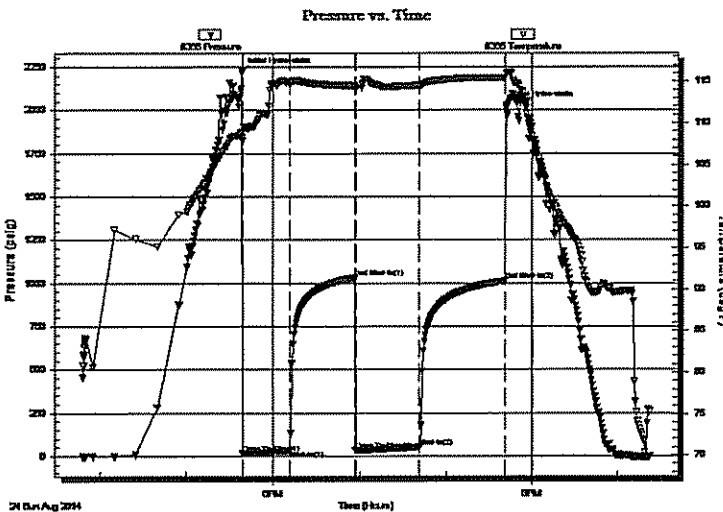
Last Calib.: 2014.08.24

Time On Btm: 2014.08.24 @ 17:39:00

Time Off Btm: 2014.08.24 @ 20:42:00

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

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2222.32	108.92	Initial Hydro-static
1	15.81	107.87	Open To Flow (1)
33	31.94	114.82	Shut-In(1)
78	1031.25	114.46	End Shut-In(1)
78	33.75	114.00	Open To Flow (2)
123	53.99	114.49	Shut-In(2)
183	1012.91	115.43	End Shut-In(2)
183	2024.90	115.98	Final Hydro-static

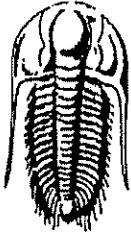
Recovery

Length (ft)	Description	Volume (bbl)
80.00	mcw 30m 70w (oil spots)	1.12

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Co.
301 S. Market St.
Wichita, KS 67202
ATTN: Brad Rine

Wichita, Ks
JF Group A 2-19
Job Ticket: 59148 DST#: 2
Test Start: 2014.08.24 @ 15:48:00

Mud and Cushion Information

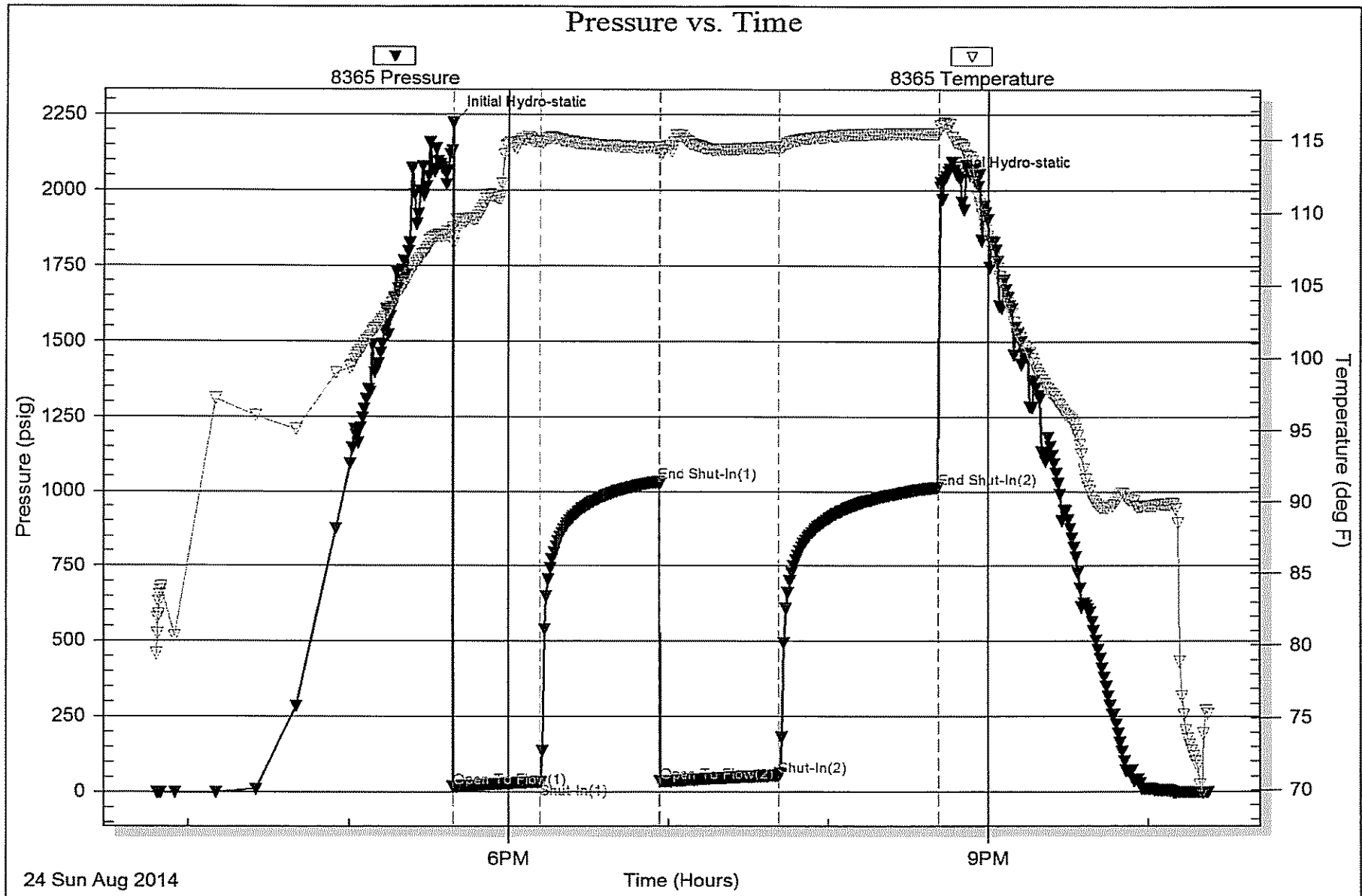
Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 64.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.19 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 6200.00 ppm			
Filter Cake: 1.00 inches			

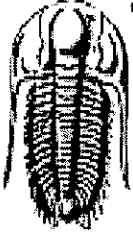
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
80.00	mcw 30m 70w (oil spots)	1.122

Total Length: 80.00 ft Total Volume: 1.122 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: rw is .145 @ 79 = 35,000ppm





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Co.

Wichita, Ks

301 S. Market St.
Wichita, KS 67202

JF Group A 2-19

Job Ticket: 59149

DST#: 3

ATTN: Brad Rine

Test Start: 2014.08.26 @ 01:01:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 10.00 lb/gal

Viscosity: 54.00 sec/qt

Water Loss: 7.99 in³

Resistivity: ohm.m

Salinity: 3500.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: 0 deg API

Water Salinity: 0 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
9.00	mud 100m (oil spots)	0.126
1.00	oil 100o	0.014

Total Length: 10.00 ft Total Volume: 0.140 bbl

Num Fluid Samples: 0

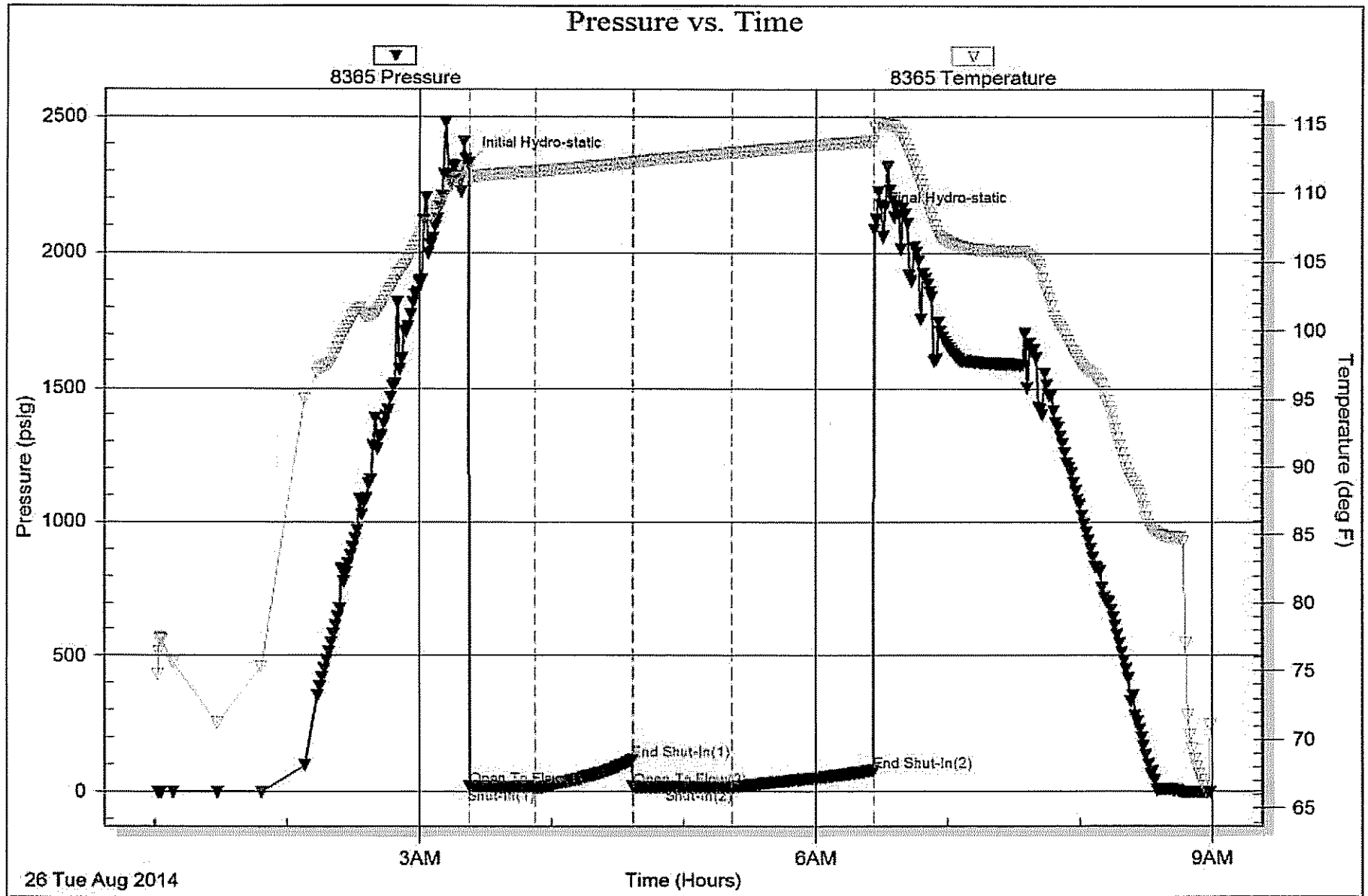
Num Gas Bombs: 0

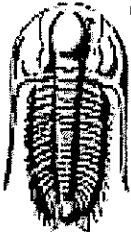
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Co.

Wichita, KS

301 S. Market St.
Wichita, KS 67202

JF Group A 2-19

Job Ticket: 57427

DST#: 4

ATTN: Brad Rine

Test Start: 2014.08.27 @ 02:00:00

GENERAL INFORMATION:

Formation: **Ft. Scott- Upper Che**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:16:45

Time Test Ended: 09:23:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 69

Interval: **4604.00 ft (KB) To 4655.00 ft (KB) (TVD)**

Total Depth: 4655.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3210.00 ft (KB)

3199.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8365

Inside

Press@RunDepth: 18.55 psig @ 4605.00 ft (KB)

Start Date: 2014.08.27

Start Time: 02:00:05

Capacity: 8000.00 psig

Last Calib.: 2014.08.27

Time On Btm: 2014.08.27 @ 04:16:30

Time Off Btm: 2014.08.27 @ 06:49:45

End Date: 2014.08.27

End Time: 09:23:14

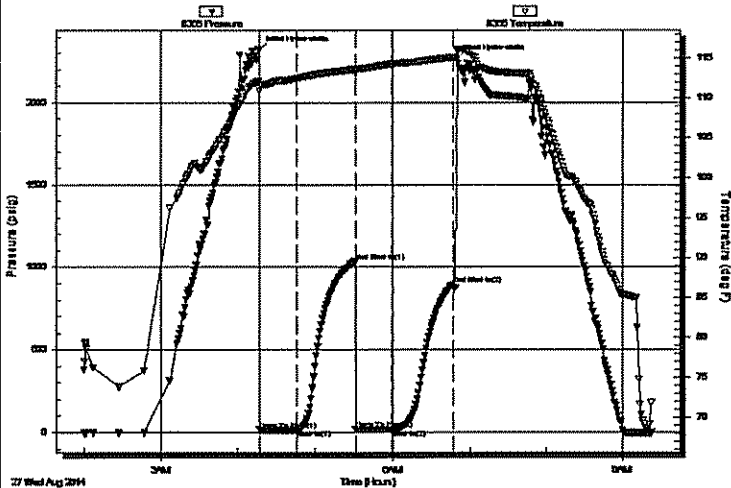
TEST COMMENT: IF: Surface blow, died @ 15 min.

IS: No return.

FF: No blow.

FS: No return.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2321.44	112.13	Initial Hydro-static
1	14.32	110.91	Open To Flow (1)
30	15.85	112.48	Shut-In(1)
75	1036.35	113.64	End Shut-In(1)
75	17.54	113.20	Open To Flow (2)
103	18.55	114.32	Shut-In(2)
151	893.48	115.13	End Shut-In(2)
154	2266.61	116.09	Final Hydro-static

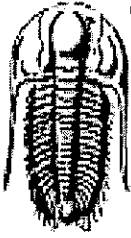
Recovery

Length (ft)	Description	Volume (bbl)
15.00	mud 100m (oil spots)	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

Lario Oil & Gas Co.

Wichita, KS

301 S. Market St.
Wichita, KS 67202

JF Group A 2-19

Job Ticket: 57427

DST#: 4

ATTN: Brad Rine

Test Start: 2014.08.27 @ 02:00:00

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:	0 ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.59 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7500.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	mud 100m (oil spots)	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:

