



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

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

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

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

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

API No. 15 - _____

Spot Description: _____

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

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

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

County: _____ Permit #: _____

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

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



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

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

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

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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

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

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

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

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Knapp A 1-32
Doc ID	1057576

All Electric Logs Run

DIL
CDL/CNL/PE
MEL
SONIC

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Knapp A 1-32
Doc ID	1057576

Tops

Name	Top	Datum
Heebner	3940	-997
Lansing	3986	-1043
Stark Shale	4208	-1265
Hushpuckney	4242	-1299
Base KC	4278	-1335
Marmaton	4338	-1395
Pawnee	4409	-1466
Ft. Scott	4433	-1490
Johnson	4531	-1588
Morrow	4548	-1605
Basal Penn	4559	-1616
Mississippian	4584	-1641

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

August 12, 2011

Jay Schweikert
Lario Oil & Gas Company
301 S MARKET ST
WICHITA, KS 67202-3805

Re: ACO1
API 15-063-21919-00-00
Knapp A 1-32
SE/4 Sec.32-12S-31W
Gove 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,
Jay Schweikert



CONSOLIDATED
Oil Well Services, LLC

REMIT TO
Consolidated Oil Well Services, LLC
Dept. 970
P.O. Box 4346
Houston, TX 77210-4346

MAIN OFFICE
P.O. Box 884
Chanute, KS 66720
620/431-9210 • 1-800/467-8676
FAX 620/431-0012

INVOICE

Invoice # 242207

Invoice Date: 06/27/2011 Terms: 15/15/30,n/30 Page 1

LARIO OIL & GAS
301 S. MARKET ST.
WICHITA KS 67202
(316)265-5611

KNAPP A-1-32
28044
32-12-31
6-20-11
KS

Part Number	Description	Qty	Unit Price	Total
1144G	MUD FLUSH (SALE)	500.00	1.0000	500.00
4453	4 1/2" LATCH DOWN	1.00	465.0000	465.00
4276	DV TOOL SIZE 4 1/2" (W)	1.00	4200.0000	4200.00
1126	OIL WELL CEMENT	240.00	21.4800	5155.20
1131	60/40 POZ MIX	550.00	14.3500	7892.50
1118B	PREMIUM GEL / BENTONITE	3784.00	.2400	908.16
1110A	KOL SEAL (50# BAG)	1200.00	.5300	636.00
1107	FLO-SEAL (25#)	138.00	2.6600	367.08
4161	FLOAT SHOE 4 1/2" AFU	1.00	342.0000	342.00
4129	CENTRALIZER 4 1/2"	9.00	46.0000	414.00
4103	CEMENT BASKET 4 1/2"	1.00	249.0000	249.00

Sublet Performed	Description	Total
9999-130	CASH DISCOUNT	-3169.34
9999-130	CASH DISCOUNT	-517.78

ACP
AFE 11-146

Description	Hours	Unit Price	Total
463 SINGLE PUMP	1.00	2850.00	2850.00
463 EQUIPMENT MILEAGE (ONE WAY)	10.00	5.00	50.00
528 TON MILEAGE DELIVERY	1.00	551.89	551.89

YE

Acc	Exp	File	Q. T. PAY
GC			
KG			DB
HY			MM
PV			DM
	JS	KF	EV SF

JUN 30 2011

YE

Amount Due 26281.71 if paid after 07/27/2011

Parts:	21128.94	Freight:	.00	Tax:	1445.75	AR	22339.46
Labor:	.00	Misc:	.00	Total:	22339.46		
Sublt:	-3687.12	Supplies:	.00	Change:	.00		

Signed _____ Date _____



CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 28044

LOCATION Oakley

FOREMAN Fuzzy

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
6-20-11	4793	KNAPP A-1-32	32	12	31	Gove KS
CUSTOMER <u>Largo Oil & Gas</u>			TRUCK #			
MAILING ADDRESS <u>PO Box 1093 (AFF-11-146)</u>			DRIVER			
CITY <u>Garden</u>			TRUCK #			
STATE <u>K</u>			DRIVER			
ZIP CODE <u>67846</u>			TRUCK #			
			DRIVER			
			TRUCK #			
			DRIVER			

JOB TYPE 2-stage HOLE SIZE 77/8 HOLE DEPTH 4714 CASING SIZE & WEIGHT 4 1/2 10 1/2
 CASING DEPTH 4693' DRILL PIPE _____ TUBING _____ OTHER DU Tool @ 2310'
 SLURRY WEIGHT 13.8-12.5 SLURRY VOL 1.42-1.89 WATER gal/sk 6.7-10.8 CEMENT LEFT in CASING 21.93
 DISPLACEMENT 74.28 DISPLACEMENT PSI 800* MIX PSI _____ RATE _____

REMARKS: Safety meeting on surface #22, Run float equip. Pick up and pump 5 BBL water, 500gal mud flush, 5 BBL water. Mix 240skts OWC. Wash pump & lines. Drop plug and displace to latchdown. Plug did not land went 2 BBL over (390) still did not land. Release and float held, 800* lift. Drop DU bomb open tool @ 800* circ 3 hrs. Pump 5 BBL water. Mix 20skts MH. 30skts RH. Mix 500skts L. 1/4" floccal down 4 1/2 csg. Wash pump & lines. Drop plug and displace 3 7/4 BBL cement did circulate approx 30 BBL to pit. L. 1/4 Press 700* land & close DU Tool @ 2500*

Thanks Fuzzy & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401 C	1	PUMP CHARGE	2850.00	2850.00
5406	10	MILEAGE	5.00	50.00
5407 A	34.93 ton	Tow mileage Delivery	1.58	551.89
1126	240 skts	OWC	21.48	5155.20
1131	550	60/40 pos	14.35	7892.50
1118 B	3784 #	Bentonite	.24	908.16
1110 A	1200 #	Kol-seal	.53	636.00
1107	138 #	Flo-seal	2.66	367.08
11446	500 gal	mud flush	1.00	500.00
4161	1	4 1/2 - Float shoe	342.00	342.00
4453	1	4 1/2 - Latchdown Assy	465.00	465.00
4129	9	4 1/2 - Centralizers	46.00	414.00
4103	1	4 1/2 - Cement Basket	249.00	249.00
4276	1	4 1/2 - DU Tool (weatherford)	4200.00	4200.00
			566.00	2450.00
			less 15% disc	3687.12
		242207		20893.21
			8.05%	1445.75
			ESTIMATED TOTAL	22,339.46

Ravin 3737

AUTHORIZATION Curtis D All TITLE Foreman DATE 6/20/11

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.



PO BOX 31 Russell, KS 67665

INVOICE

Invoice Number: 127523

Invoice Date: Jun 10, 2011

Page: 1

Voice: (785) 483-3887

Fax: (785) 483-5566

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

Federal Tax I.D.#: 20-5975804

Drilling
AFE 11-146
6-17-2011 AB

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Lario	Knapp A #1-32	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Jun 10, 2011	7/10/11

Quantity	Item	Description	Unit Price	Amount
160.00	MAT	Class A Common	16.25	2,600.00
3.00	MAT	Gel	21.25	63.75
6.00	MAT	Chloride	58.20	349.20
169.00	SER	Handling	2.25	380.25
20.00	SER	Mileage	18.59	371.80
1.00	SER	Surface	1,125.00	1,125.00
40.00	SER	Heavy-Vehicle Mileage	7.00	280.00
1.00	SER	Manifold Head Rental	200.00	200.00
40.00	SER	Light Vehicle Mileage	4.00	160.00
1.00	CEMENTER	Terry Heinrich		
1.00	EQUIP OPER	Darren Racette		
1.00	EQUIP OPER	Equipment Operator		

all
ye

Acct	Expt	File	OK TO PAY
GC			
KG			
HV	JUN 20 2011		DR.
PV			MM
FD			DN

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

\$ 242.55

ONLY IF PAID ON OR BEFORE

Jul 5, 2011

Subtotal	5,530.00
Sales Tax	242.54
Total Invoice Amount	5,772.54
Payment/Credit Applied	
TOTAL	5,772.54

ALLIED CEMENTING CO., LLC. 039841

Federal Tax I.D.# 20-5975804

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

SERVICE POINT
OAKLEY

DATE <u>6-10-11</u>	SEC <u>32</u>	TWP. <u>12.5</u>	RANGE <u>31W</u>	CALLED OUT	ON LOCATION <u>10:00 PM</u>	JOB START <u>11:30 PM</u>	JOB FINISH <u>12:00 AM</u>
LEASE <u>KNAPP "A"</u>	WELL # <u>1-32</u>	LOCATION <u>OAKLEY 11S-4E-1/4W-W F106</u>			COUNTY <u>GOLE</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR MURFIN DAIG RENT # 22

TYPE OF JOB SURFACE

HOLE SIZE <u>12 1/4"</u>	T.D.	<u>228'</u>
CASING SIZE <u>8 5/8"</u>	DEPTH	<u>228'</u>
TUBING SIZE	DEPTH	
DRILL PIPE	DEPTH	
TOOL	DEPTH	
PRES. MAX	MINIMUM	
MEAS. LINE	SHOE JOINT	
CEMENT LEFT IN CSG.	<u>15'</u>	
PERFS.		
DISPLACEMENT	<u>13 1/2 BBS</u>	

OWNER SAME

CEMENT AMOUNT ORDERED
160 SKS COM 3% CC 2% GEL

COMMON	<u>160 SKS</u>	@	<u>16 25</u>	<u>2600 00</u>
POZMIX		@		
GEL	<u>3 SKS</u>	@	<u>21 25</u>	<u>63 75</u>
CHLORIDE	<u>6 SKS</u>	@	<u>58 20</u>	<u>349 20</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>169 SKS</u>	@	<u>2 25</u>	<u>380 25</u>
MILEAGE	<u>114 PER SKI</u>			<u>371 80</u>
TOTAL				<u>3765 00</u>

EQUIPMENT

PUMP TRUCK # <u>431</u>	CEMENTER <u>TERRY</u>	HELPER <u>JARREN</u>
BULK TRUCK # <u>404</u>	DRIVER <u>TERRY</u>	
BULK TRUCK #	DRIVER	

REMARKS:

CEMENT died CRK.

THANK YOU

CHARGE TO: LARIO OIL & GAS

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	<u>228'</u>		
PUMP TRUCK CHARGE			<u>1125 00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>20 X 2</u>	@	<u>7 00</u> <u>280 00</u>
MANIFOLD HEAD RENTAL		@	<u>200 00</u> <u>200 00</u>
LIGHT VEHICLES 20 X 2		@	<u>4 00</u> <u>160 00</u>
		@	
TOTAL <u>1765 00</u>			

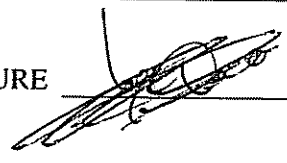
PLUG & FLOAT EQUIPMENT

NO Plug

Acct	Expl	File	TO PAY		
GC			@		
KG			@		
HY		JUN 20	@	2011	DR
PV			@		MM
OD	AL	KE	GV	SF	DM
TOTAL					

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME _____

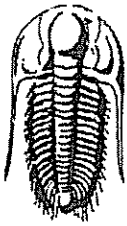
SIGNATURE 

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

Bid



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Lario Oil & Gas Compry

Knapp A 1-32

301 S Market ST
Wichita KS 67202-3805

34-12-31

Job Ticket: 042660

DST#: 1

ATTN: Larry Friend

Test Start: 2011.06.14 @ 00:03:00

GENERAL INFORMATION:

Formation: **Lansing B-C**

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

Time Tool Opened: 02:04:30

Time Test Ended: 06:37:45

Test Type: **Conventional Bottom Hole**

Tester: **Jace McKinney**

Unit No: **28**

Interval: **4007.00 ft (KB) To 4061.00 ft (KB) (TVD)**

Reference Elevations: **2950.00 ft (KB)**

Total Depth: **4061.00 ft (KB) (TVD)**

2940.00 ft (CF)

Hole Diameter: **7.88 inches** Hole Condition:

KB to GR/CF: 10.00 ft

Serial #: 8675 **Inside**

Press@RunDepth: **27.06 psig @ 4008.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2011.06.14**

End Date: **2011.06.14**

Last Calib.: **2011.06.14**

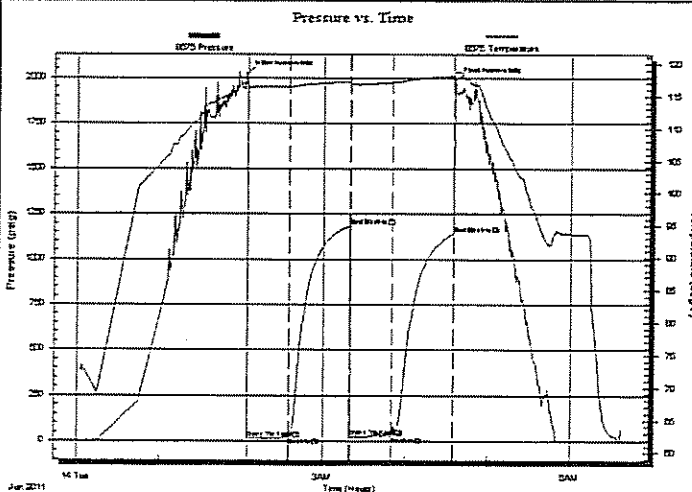
Start Time: **00:03:01**

End Time: **06:37:45**

Time On Btm: **2011.06.14 @ 02:04:15**

Time Off Btm: **2011.06.14 @ 04:35:45**

TEST COMMENT: **Bull to 1/2 Blow**
No Return Blow
No Blow
No Return Blow



PRESSURE SUMMARY

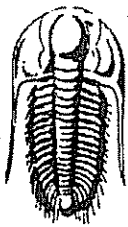
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2019.85	117.03	Initial Hydro-static
1	14.54	115.68	Open To Flow (1)
31	20.86	116.42	Shut-In(1)
76	1184.91	117.24	End Shut-In(1)
76	21.68	116.49	Open To Flow (2)
106	27.06	117.11	Shut-In(2)
151	1139.45	118.08	End Shut-In(2)
152	1985.13	118.64	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	osw m 30%W 70%a	0.07

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

Knapp A 1-32

301 S Market ST
Wichita KS 67202-3805

34-12-31

Job Ticket: 042660

DST#: 1

ATTN: Larry Friend

Test Start: 2011.06.14 @ 00:03:00

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:	8000 ppm
Viscosity: 46.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.20 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 1800.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

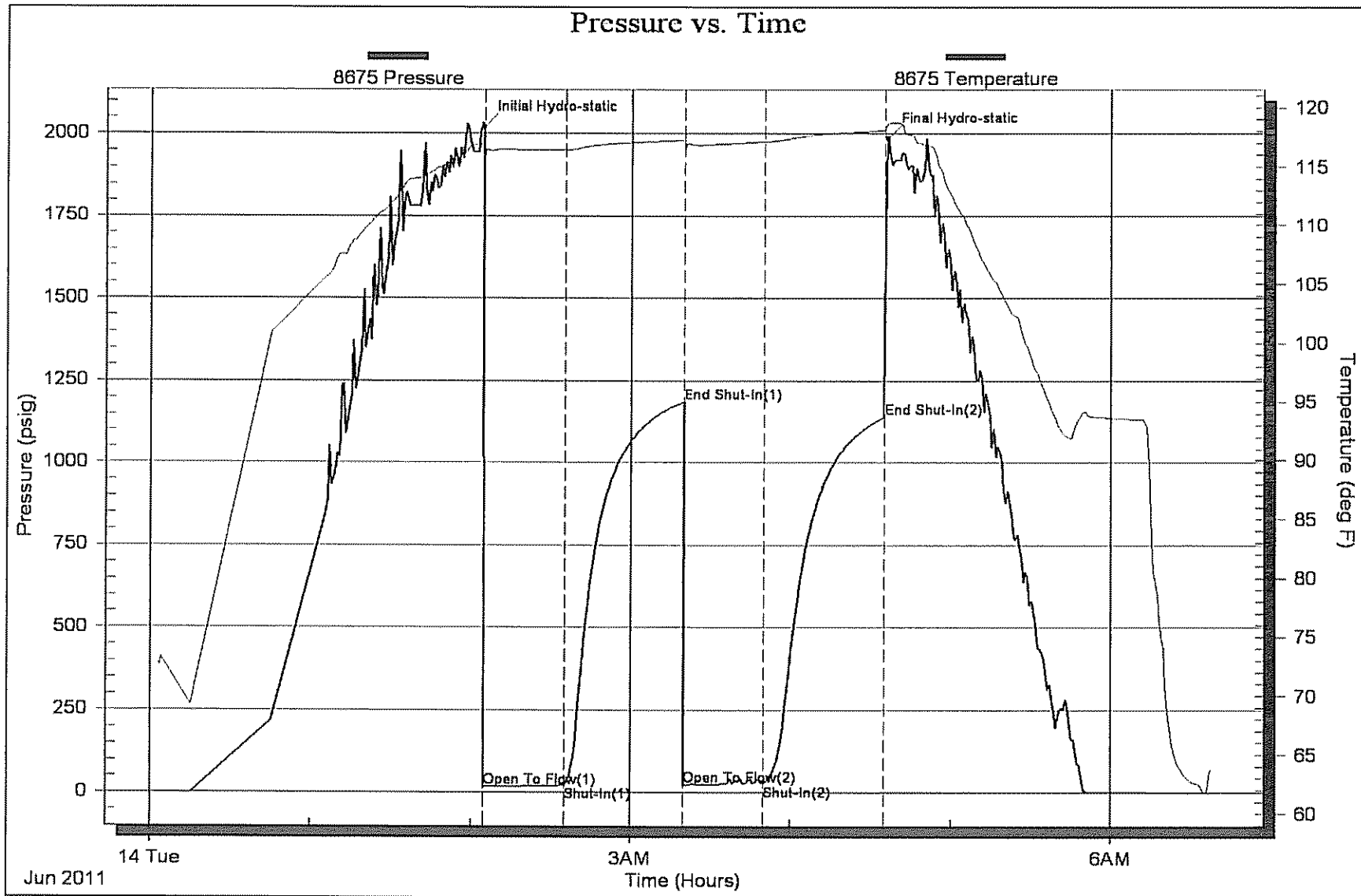
Length ft	Description	Volume bbl
15.00	osw m 30%W 70%m	0.074

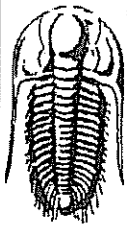
Total Length: 15.00 ft Total Volume: 0.074 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW 1.2 @ 61 F = 8,000





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Lario Oil & Gas Compy

301 S Market ST
Wichita KS 67202-3805

ATTN: Larry Friend

Knapp A 1-32

34-12-31

Job Ticket: 042661

DST#: 2

Test Start: 2011.06.14 @ 16:05:00

GENERAL INFORMATION:

Formation: **Kansas City "D"**
 Deviated: **No Whipstock** ft (KB)
 Time Tool Opened: 17:46:30
 Time Test Ended: 22:38:00

Test Type: **Conventional Bottom Hole**
 Tester: **Jace McKinney**
 Unit No: **28**

Interval: **4058.00 ft (KB) To 4096.00 ft (KB) (TVD)**
 Total Depth: **4096.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition:

Reference Elevations: **2950.00 ft (KB)**
2940.00 ft (CF)
 KB to GR/CF: **10.00 ft**

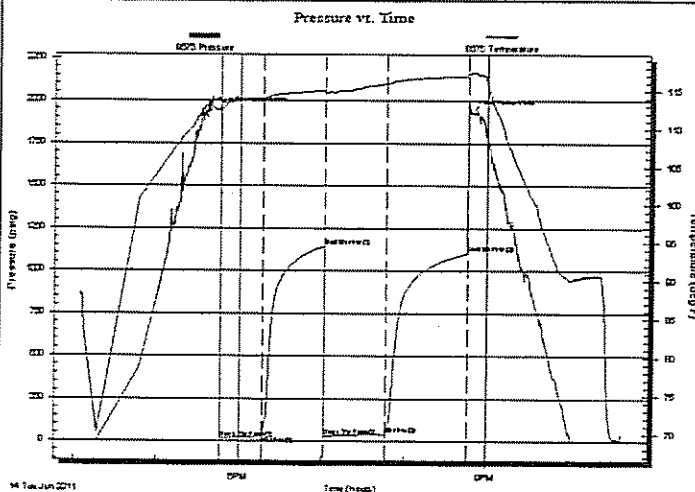
Serial #: 8675

Inside

Press@RunDepth: **42.33 psig @ 4097.00 ft (KB)**
 Start Date: **2011.06.14** End Date: **2011.06.14**
 Start Time: **16:05:01** End Time: **22:38:00**

Capacity: **8000.00 psig**
 Last Calib.: **2011.06.14**
 Time On Btm: **2011.06.14 @ 17:46:00**
 Time Off Btm: **2011.06.14 @ 20:48:15**

TEST COMMENT: Built to 3/4" Blow
 No Return Blow
 Weak Surface Blow
 No Return Blow



PRESSURE SUMMARY

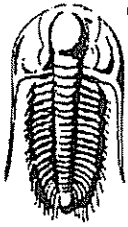
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1942.16	113.93	Initial Hydro-static
1	15.13	113.17	Open To Flow (1)
31	28.64	114.00	Shut-in(1)
75	1141.87	115.01	End Shut-in(1)
76	30.13	114.46	Open To Flow (2)
121	42.33	115.85	Shut-in(2)
180	1100.31	116.91	End Shut-in(2)
183	1927.54	117.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	o scum w m 30%W 70%M	0.30

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

Knapp A 1-32

301 S Market ST
Wichita KS 67202-3805

34-12-31

ATTN: Larry Friend

Job Ticket: 042661

DST#: 2

Test Start: 2011.06.14 @ 16:05:00

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:

9500 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	o scum w m 30%W70%M	0.295

Total Length: 60.00 ft Total Volume: 0.295 bbl

Num Fluid Samples: 0

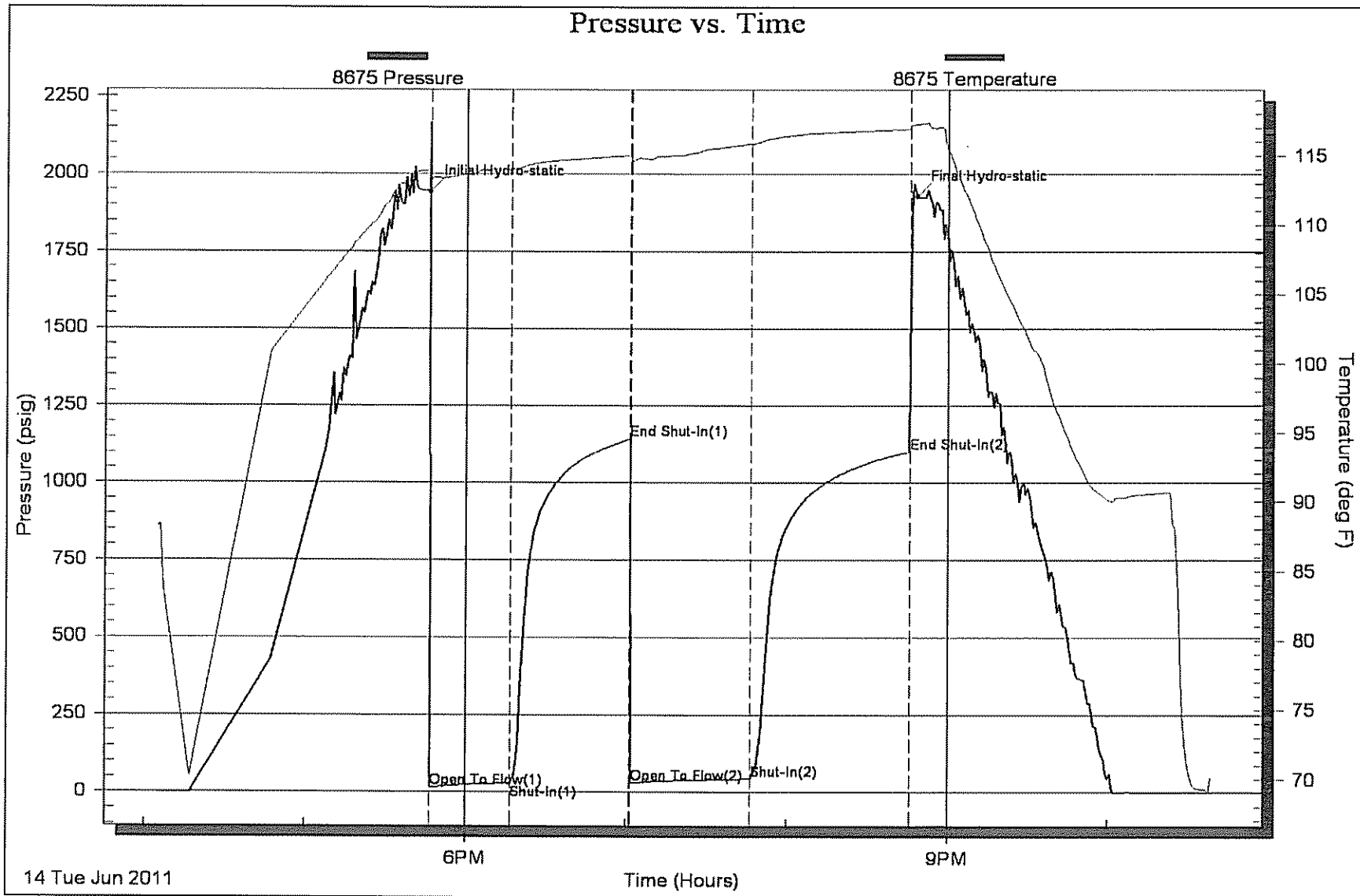
Num Gas Bombs: 0

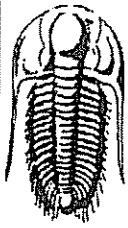
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .70 @ 66 F = 9500





TRIOBITE TESTING, INC

DRILL STEM TEST REPORT

Lario Oil & Gas Compny
 301 S Market ST
 Wichita KS 67202-3805
 ATTN: Larry Friend

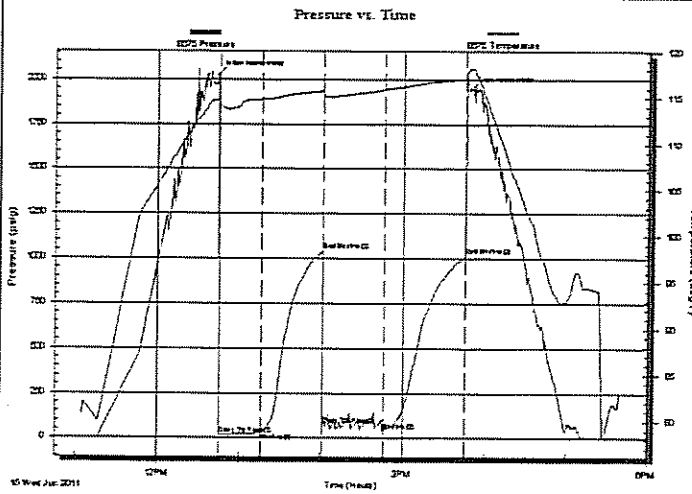
Knapp A 1-32
34-12-31
 Job Ticket: 04662 DST#: 3
 Test Start: 2011.06.15 @ 11:05:00

GENERAL INFORMATION:

Formation: **Kansas City "H-I"**
 Deviated: **No Whipstock** ft (KB)
 Time Tool Opened: 12:45:45
 Time Test Ended: 17:41:00
 Interval: **4122.00 ft (KB) To 4184.00 ft (KB) (TVD)**
 Total Depth: **4184.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition:
 Test Type: **Conventional Bottom Hole**
 Tester: **Jace McKinney**
 Unit No: **28**
 Reference Elevations: **2950.00 ft (KB)**
 2940.00 ft (CF)
 KB to GR/CF: **10.00 ft**

Serial #: 8675 **Inside**
 Press@RunDepth: **37.92 psig @ 4185.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2011.06.15** End Date: **2011.06.15** Last Calib.: **2011.06.15**
 Start Time: **11:05:01** End Time: **17:41:00** Time On Btm: **2011.06.15 @ 12:44:15**
 17:41:00 Time Off Btm: **2011.06.15 @ 15:48:30**

TEST COMMENT: Built to 1/2" Blow
 Weak Surface Return Blow
 No Blow
 No Return Blow



PRESSURE SUMMARY

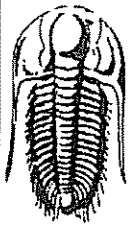
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2023.73	114.84	Initial Hydro-static
2	15.59	114.12	Open To Flow (1)
33	26.96	114.85	Shut-In(1)
77	1042.61	115.73	End Shut-In(1)
78	71.42	115.29	Open To Flow (2)
122	37.92	115.91	Shut-In(2)
182	1014.62	117.04	End Shut-In(2)
185	1939.82	118.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	O scum WM 30%W 70%M	0.15

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

Knapp A 1-32

301 S Market ST
Wichita KS 67202-3805

34-12-31

Job Ticket: 04662

DST#: 3

ATTN: Larry Friend

Test Start: 2011.06.15 @ 11:05:00

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:	7000 ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.60 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2500.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

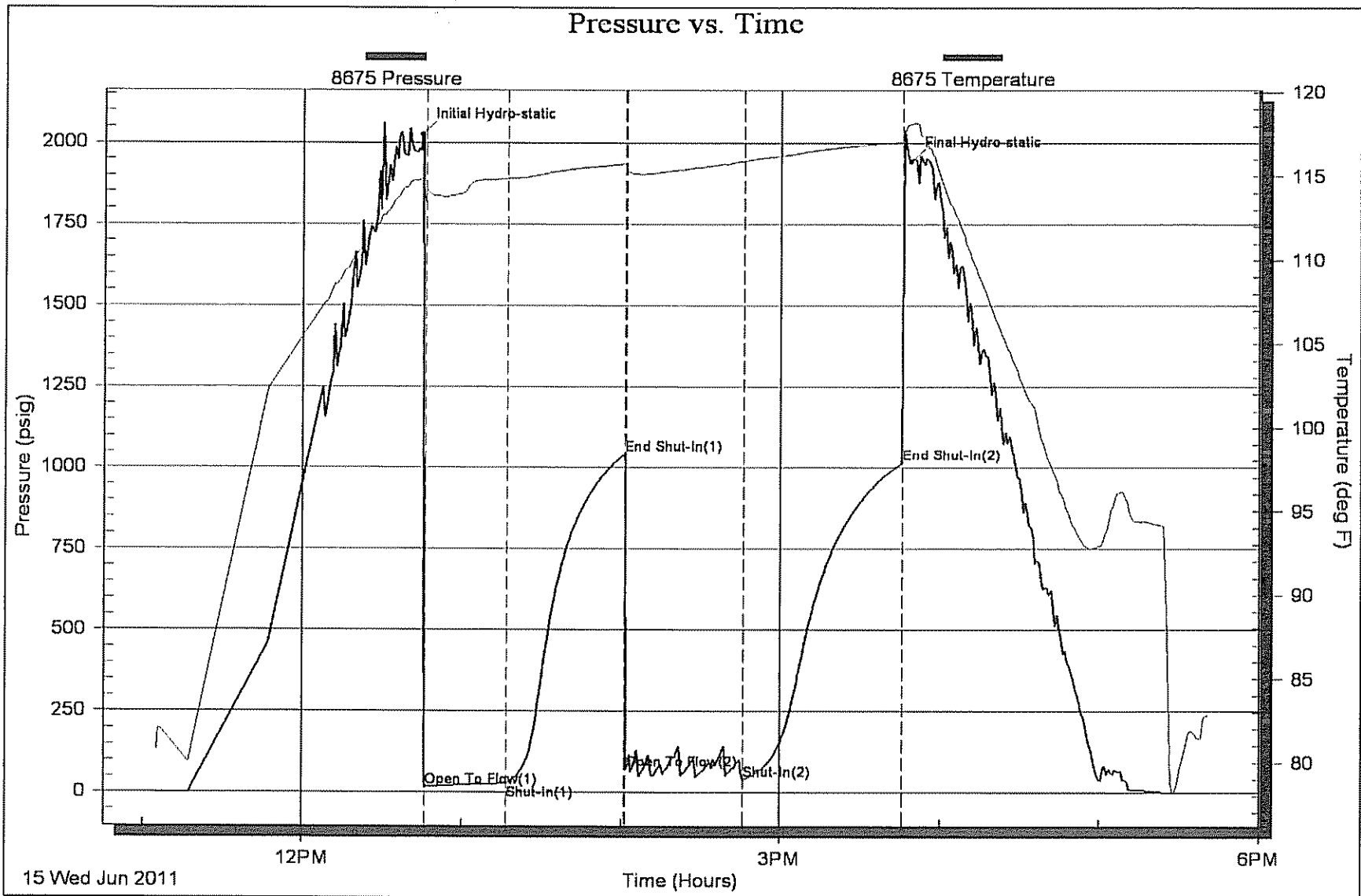
Length ft	Description	Volume bbl
30.00	Oscum WM 30%W 70%M	0.148

Total Length: 30.00 ft Total Volume: 0.148 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW: 80 @ 83 F = 7000





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Lario Oil & Gas Compny

301 S Market ST
Wichita KS 67202-3805

ATTN: Larry Friend

Knapp A 1-32

34-12-31

Job Ticket: 042663

DST#: 4

Test Start: 2011.06.16 @ 00:05:00

GENERAL INFORMATION:

Formation: **Kansas City "J"**

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

Time Tool Opened: 01:46:30

Time Test Ended: 06:35:30

Test Type: **Conventional Bottom Hole**

Tester: **Jace McKinney**

Unit No: **28**

Interval: **4181.00 ft (KB) To 4208.00 ft (KB) (TVD)**

Total Depth: **4208.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition:

Reference Elevations: **2950.00 ft (KB)**

2940.00 ft (CF)

KB to GRVCF: **10.00 ft**

Serial #: **8675**

Inside

Press@RunDepth: **106.84 psig @ 4182.00 ft (KB)**

Start Date: **2011.06.16**

End Date:

2011.06.16

Start Time: **00:05:01**

End Time:

06:35:30

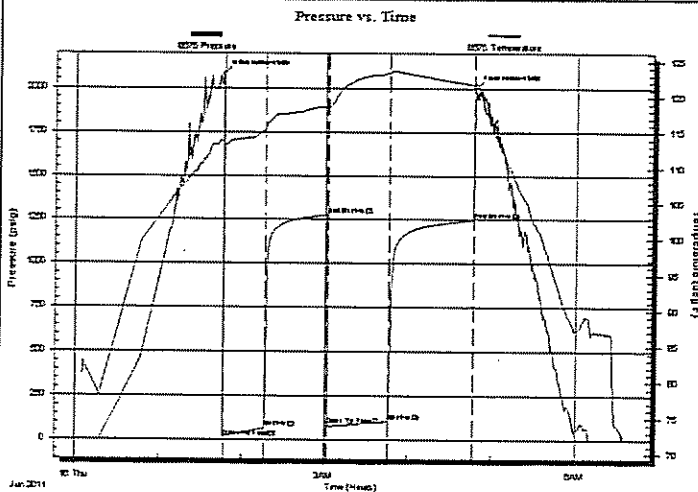
Capacity: **8000.00 psig**

Last Calib.: **2011.06.16**

Time On Btm: **2011.06.16 @ 01:46:00**

Time Off Btm: **2011.06.16 @ 04:47:15**

TEST COMMENT: Built to 4" Blow
Weak Surface Return Blow
Built to 4" Blow
Weak Surface Return Blow



PRESSURE SUMMARY

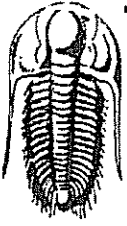
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2078.64	113.95	Initial Hydro-static
1	15.30	113.15	Open To Flow (1)
31	65.92	115.58	Shut-In(1)
76	1274.82	118.61	End Shut-In(1)
76	81.01	118.23	Open To Flow (2)
121	106.84	123.34	Shut-In(2)
181	1246.92	121.77	End Shut-In(2)
182	1997.73	121.93	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	mcw 40%M 60 %W	0.30
122.00	mcw 25%M 75%W	1.16

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

Knapp A 1-32

301 S Market ST
Wichita KS 67202-3805

34-12-31

Job Ticket: 042663

DST#: 4

ATTN: Larry Friend

Test Start: 2011.06.16 @ 00:05:00

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:

60000 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.59 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	mcw 40%M 60 %W	0.295
122.00	mcw 25%M 75%W	1.165

Total Length: 182.00 ft Total Volume: 1.460 bbl

Num Fluid Samples: 0

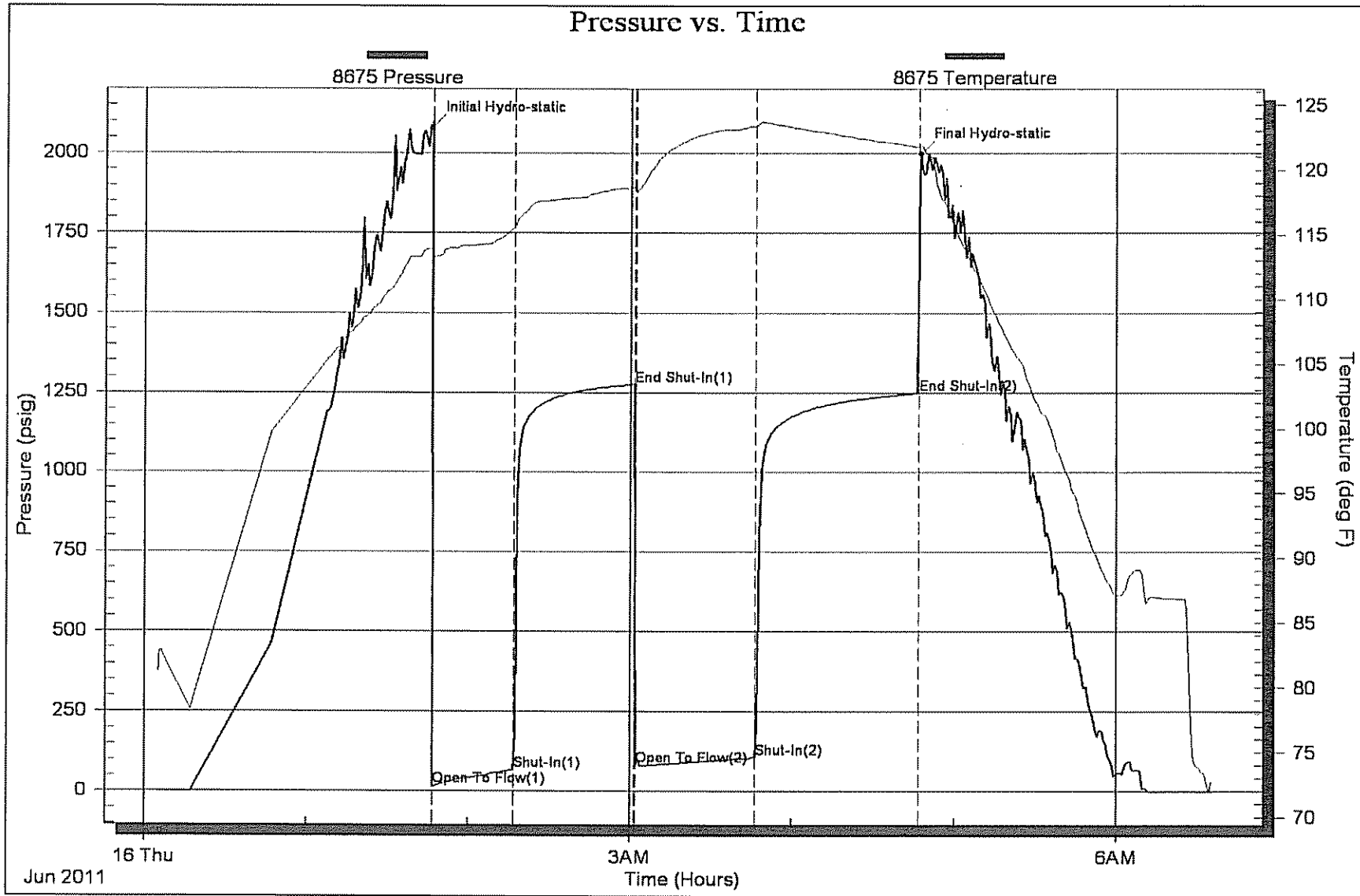
Num Gas Bombs: 0

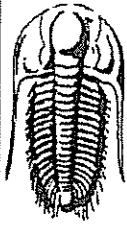
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .13 @ 65 F = 60000





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Lario Oil & Gas Company

301 S Market ST
Wichita KS 67202-3805

ATTN: Larry Friend

Knapp A 1-32

34-12-31

Job Ticket: 042664

DST#: 5

Test Start: 2011.06.16 @ 14:30:00

GENERAL INFORMATION:

Formation: **Kansas City "K"**
 Deviated: **No Whipstock** ft (KB)
 Time Tool Opened: 16:11:15
 Time Test Ended: 20:59:00

Test Type: **Conventional Bottom Hole**
 Tester: **Jace McKinney**
 Unit No: **28**

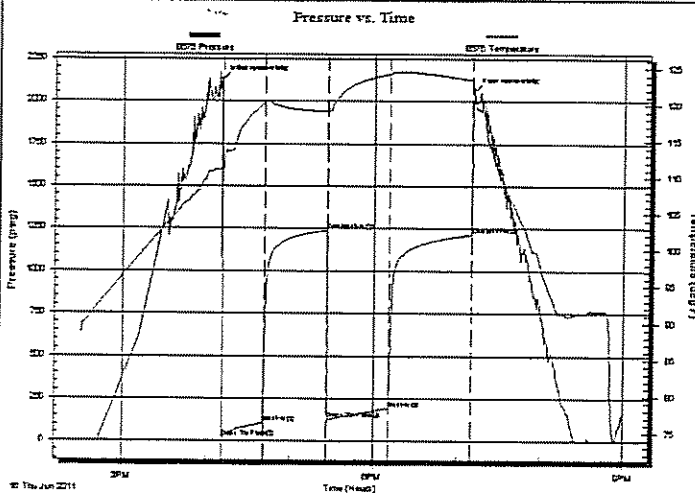
Interval: **4206.00 ft (KB) To 4243.00 ft (KB) (TVD)**
 Total Depth: **4243.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition:

Reference Elevations: **2950.00 ft (KB)**
2940.00 ft (CF)
 KB to GR/CF: **10.00 ft**

Serial #: 8675 Inside
 Press@RunDepth: **190.23 psig @ 4244.00 ft (KB)**
 Start Date: **2011.06.16** End Date: **2011.06.16**
 Start Time: **14:30:01** End Time: **20:59:00**

Capacity: **8000.00 psig**
 Last Calib.: **2011.06.16**
 Time On Btm: **2011.06.16 @ 16:10:30**
 Time Off Btm: **2011.06.16 @ 19:11:45**

TEST COMMENT: B.O.B. in 27 min.
 No Return Blow
 B.O.B. in 32 min.
 No Return Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2127.40	111.35	Initial Hydro-static
1	17.74	110.19	Open To Flow (1)
31	105.32	120.31	Shut-In(1)
76	1238.16	119.03	End Shut-In(1)
77	124.15	118.91	Open To Flow (2)
121	190.23	124.13	Shut-In(2)
181	1210.36	123.39	End Shut-In(2)
182	2055.37	121.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	popping gas in water and oil spots	0.00
182.00	mcw 10%M 90%W	1.46
154.00	mcw 40%M 60%W	2.16

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Compny

Knapp A 1-32

301 S Market ST
Wichita KS 67202-3805

34-12-31

Job Ticket: 042664

DST#: 5

ATTN: Larry Friend

Test Start: 2011.06.16 @ 14:30:00

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:	65000 ppm
Viscosity: 59.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.58 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 3000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	popping gas in water and oil spots	0.000
182.00	mcw 10%M 90%W	1.460
154.00	mcw 40%M 60%W	2.160

Total Length: 336.00 ft Total Volume: 3.620 bbl

Num Fluid Samples: 0

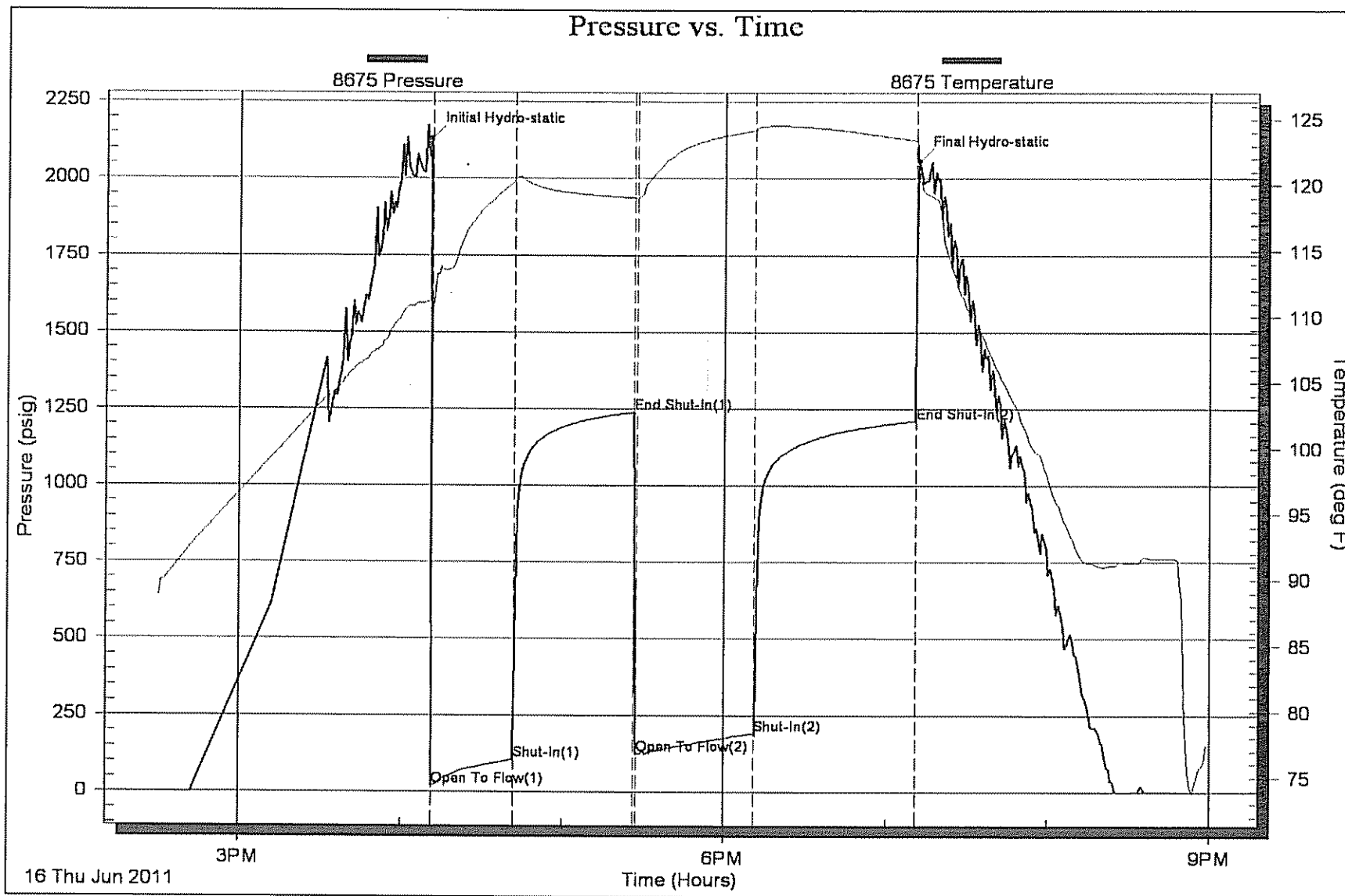
Num Gas Bombs: 0

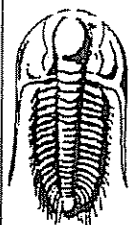
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .10 @ 81 F = 65000





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Compy

Knapp A 1-32

301 S Market ST
Wichita KS 67202-3805

34-12-31

ATTN: Larry Friend

Job Ticket: 04665

DST#: 6

Test Start: 2011.06.17 @ 15:10:00

GENERAL INFORMATION:

Formation: Fort Scott

Deviated: No Whipstock ft (KB)

Time Tool Opened: 16:49:00

Time Test Ended: 20:51:45

Test Type: Conventional Bottom Hole

Tester: Jace McKinney

Unit No: 28

Interval: 4425.00 ft (KB) To 4455.00 ft (KB) (TVD)

Total Depth: 4455.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition:

Reference Elevations: 2950.00 ft (KB)

2940.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8675 Inside

Press@RunDepth: 31.82 psig @ 4426.00 ft (KB)

Start Date: 2011.06.17

End Date: 2011.06.17

Start Time: 15:10:01

End Time: 20:51:45

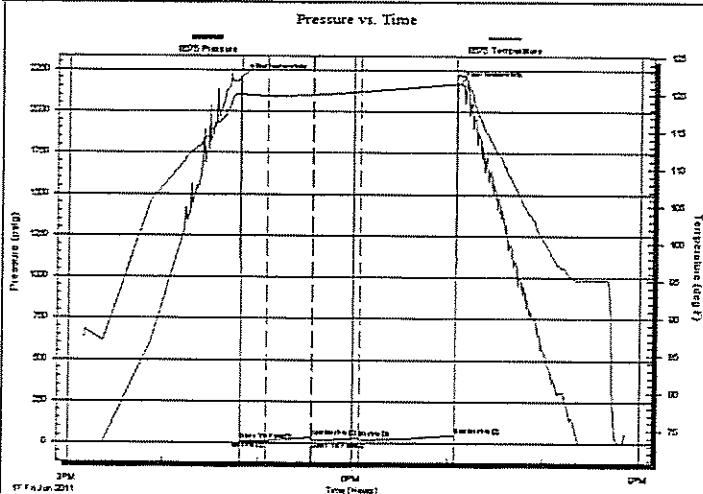
Capacity: 8000.00 psig

Last Calib.: 2011.06.17

Time On Btm: 2011.06.17 @ 16:48:30

Time Off Btm: 2011.06.17 @ 19:05:30

TEST COMMENT: Weak Surface Blow
No Return Blow
Weak Surface Blow
No Return Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2200.41	120.57	Initial Hydro-static
1	14.99	119.95	Open To Flow (1)
17	14.75	119.83	Shut-In(1)
46	37.79	119.96	End Shut-In(1)
47	15.62	119.95	Open To Flow (2)
76	31.82	120.38	Shut-In(2)
136	50.86	121.41	End Shut-In(2)
137	2162.41	122.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	w cm 10%W 90%M	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Compny

Knapp A 1-32

301 S Market ST
Wichita KS 67202-3805

34-12-31

Job Ticket: 04665

DST#: 6

ATTN: Larry Friend

Test Start: 2011.06.17 @ 15:10:00

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:	9000 ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 3500.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	w cm 10%W 90%M	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

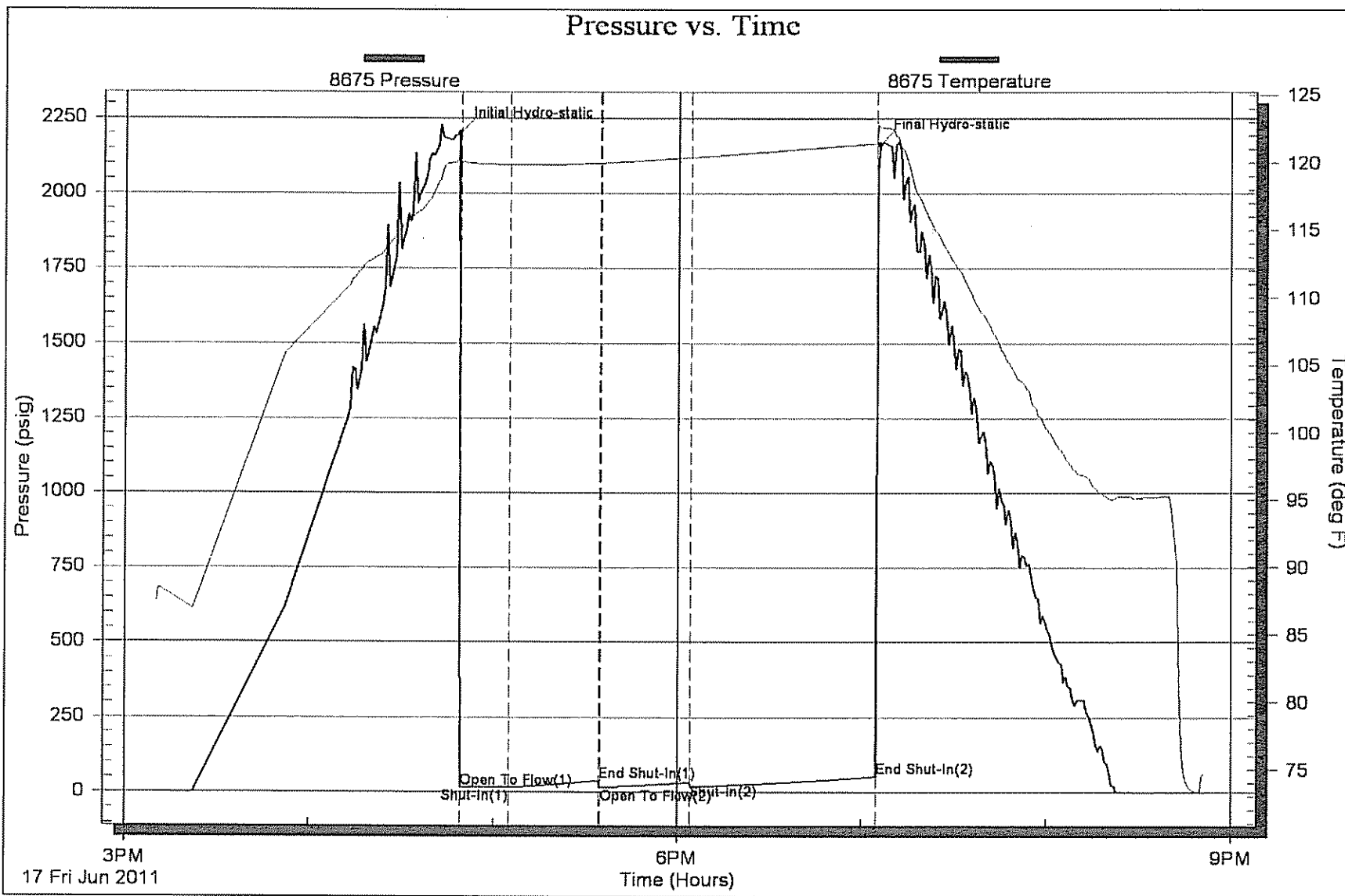
Num Gas Bombs: 0

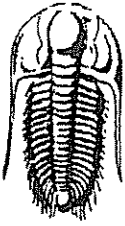
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .60 @ 80 F = 9000





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Compny

Knapp A 1-32

301 S Market ST
Wichita KS 67202-3805

34-12-31

Job Ticket: 042666

DST#: 7

ATTN: Larry Friend

Test Start: 2011.06.18 @ 09:50:00

GENERAL INFORMATION:

Formation: **Cherokee & Johnson**

Deviated: No Whipstock ft (KB)

Time Tool Opened: 11:54:30

Time Test Ended: 18:40:45

Test Type: Conventional Bottom Hole

Tester: Jace McKinney

Unit No: 28

Interval: 4452.00 ft (KB) To 4551.00 ft (KB) (TVD)

Total Depth: 4551.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition:

Reference Elevations: 2950.00 ft (KB)

2940.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8675 Inside

Press@RunDepth: 370.57 psig @ 4453.00 ft (KB)

Start Date: 2011.06.18

End Date: 2011.06.18

Capacity: 8000.00 psig

Last Calib.: 2011.06.18

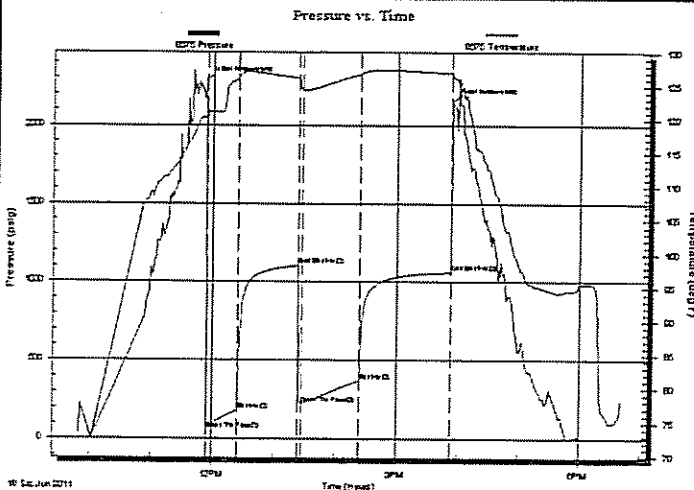
Start Time: 09:50:01

End Time: 18:40:45

Time On Btm: 2011.06.18 @ 11:54:00

Time Off Btm: 2011.06.18 @ 15:55:00

TEST COMMENT: B.O.B. in 4 1/2 min.
B.O.B. in 12 min.
B.O.B. in 7 min.
B.O.B. in 23 min.



PRESSURE SUMMARY

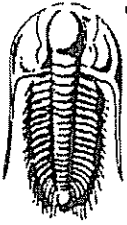
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2284.14	120.70	Initial Hydro-static
1	57.06	119.88	Open To Flow (1)
31	178.13	126.12	Shut-In(1)
90	1104.20	126.22	End Shut-In(1)
93	222.90	124.50	Open To Flow (2)
150	370.57	126.73	Shut-In(2)
240	1052.69	126.90	End Shut-In(2)
241	2151.25	126.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	API: 29 @ 90 F = 31	0.00
120.00	mcgo 10%M 30%G 60%O	0.59
310.00	gco 50%G 50%O	4.35
248.00	gco 40%G 60%O	3.48
288.00	gco 10%G 90%O	4.04
0.00	1550 feet of gas in pipe	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Compny
301 S Market ST
Wichita KS 67202-3805
ATTN: Larry Friend

Knapp A 1-32
34-12-31
Job Ticket: 042666 DST#: 7
Test Start: 2011.06.18 @ 09:50:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	31 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 61.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in ²	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 3000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	API: 29 @ 90 F = 31	0.000
120.00	mcgo 10%M 30%G 60%O	0.590
310.00	gco 50%G 50%O	4.348
248.00	gco 40%G 60%O	3.479
288.00	gco 10%G 90%O	4.040
0.00	1550 feet of gas in pipe	0.000

Total Length: 966.00 ft Total Volume: 12.457 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

