



**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: \_\_\_\_\_



1049833

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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<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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> _____ <i>(Submit ACO-4)</i>	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Clark Trust 1-36
Doc ID	1049833

All Electric Logs Run

CDL/CNL
PE
MEL
DIL

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Clark Trust 1-36
Doc ID	1049833

Tops

Name	Top	Datum
Heebner	3959	-976
Hushpuckney	4268	-1285
Base KC	4301	-1318
Marmaton	4345	-1362
Pawnee	4438	-1455
Ft Scott	4460	-1477
Morrow	4579	-1596
Mississippian	4614	-1631

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/>

Thomas E. Wright, Chairman  
Ward Loyd, Commissioner

Corporation Commission

Sam Brownback, Governor

February 10, 2011

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

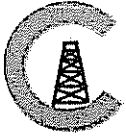
Re: ACO1  
API 15-109-20958-00-00  
Clark Trust 1-36  
NW/4 Sec.36-12S-32W  
Logan County, Kansas

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 # 238479

Invoice Date: 12/08/2010 Terms: Page 1

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

CLARK TRUST 1-36  
28630  
36-12S-32W  
12-7-10

Part Number	Description	Qty	Unit Price	Total
1104S	CLASS "A" CEMENT (SALE)	160.00	16.0000	2560.00
1102	CALCIUM CHLORIDE (50#)	450.00	.8800	396.00
1118B	PREMIUM GEL / BENTONITE	300.00	.2000	60.00
4432	8 5/8" WOODEN PLUG	1.00	93.0000	93.00

Sublet Performed	Description	Total
9999-100	CASH DISCOUNT	-1132.25

Description	Hours	Unit Price	Total
463 CEMENT PUMP (SURFACE)	1.00	985.00	985.00
463 EQUIPMENT MILEAGE (ONE WAY)	10.00	4.50	45.00
558 MIN. BULK DELIVERY	1.00	390.00	390.00

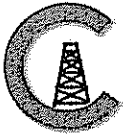
AFE 10-209  
BCP

GC	FILE	UN	UT	TRAY
KG				
HY	DEC	2010		DB
PV				MM
OD	AS	KF	EV	SF
				DM

Parts: 3109.00 Freight: .00 Tax: 242.50 AR 3639.25  
 Labor: .00 Misc: .00 Total: 3639.25  
 Sublt: -1132.25 Supplies: .00 Change: .00

Signed \_\_\_\_\_ Date \_\_\_\_\_





**CONSOLIDATED**  
Oil Well Services, LLC

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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 # 238774

Invoice Date: 12/20/2010 Terms: 0/0/30,n/30

Page 1

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

CLARK TRUST 1-36  
27961  
36-12-32  
12-18-10

Part Number	Description	Qty	Unit Price	Total
1126	OIL WELL CEMENT	155.00	20.3500	3154.25
1111	GRANULATED SALT (50 #)	757.00	.4000	302.80
1110A	KOL SEAL (50# BAG)	775.00	.4900	379.75
1144G	MUD FLUSH (SALE)	500.00	1.0000	500.00
1118B	PREMIUM GEL / BENTONITE	2960.00	.2000	592.00
1131	60/40 POZ MIX	430.00	13.0000	5590.00
1107	FLO-SEAL (25#)	108.00	2.5000	270.00
4159	FLOAT SHOE AFU 5 1/2"	1.00	394.0000	394.00
4454	5 1/2" LATCH DOWN PLUG	1.00	567.0000	567.00
4130	CENTRALIZER 5 1/2"	9.00	56.0000	504.00
4104	CEMENT BASKET 5 1/2"	1.00	263.0000	263.00
4277	DV TOOL SIZE 5 1/2" (STA	1.00	5240.0000	5240.00

Sublet Performed	Description	Total
9999-100	CASH DISCOUNT	-5230.45

Description	Hours	Unit Price	Total
463 SINGLE PUMP	1.00	2730.00	2730.00
463 EQUIPMENT MILEAGE (ONE WAY)	10.00	4.50	45.00
528 MIN. BULK DELIVERY	1.00	195.00	195.00
558 MIN. BULK DELIVERY	1.00	195.00	195.00

ACR  
AFE 10-309

XC

RG					
DY	DEC 23 2010				
PV					
OP	JS	KF			

Parts:	17756.80	Freight:	.00	Tax:	1385.03	AR	17076.38
Labor:	.00	Misc:	.00	Total:	17076.38		
Sublt:	-5230.45	Supplies:	.00	Change:	.00		

Signed \_\_\_\_\_ Date \_\_\_\_\_





**CONSOLIDATED**  
Oil Well Services, L.L.C.

W.D.

TICKET NUMBER 27961

LOCATION Oakley, Ks

FOREMAN Walt Dinkel

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

**FIELD TICKET & TREATMENT REPORT**

**CEMENT**

Kansas

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12-18-10	4793	Clark Trust 1-36	36	12 <sup>s</sup>	32 <sup>W</sup>	Logan
CUSTOMER <u>Lario Oil + Gas</u>		CITY <u>Oakley</u>		STATE <u>KS</u>		ZIP CODE <u>66753</u>
MAILING ADDRESS		TRUCK #		DRIVER		TRUCK #
		463		miles shaw		
		558		Josh Guehly		
		528-T127		Charles Swartz		

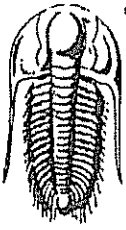
JOB TYPE Prod-DY-O HOLE SIZE 7 9/16 HOLE DEPTH 4760' CASING SIZE & WEIGHT 5 1/2-15.5  
 CASING DEPTH 4698' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.5/12.5 SLURRY VOL \_\_\_\_\_ WATER gal/sk 6.2 CEMENT LEFT in CASING 40'  
 DISPLACEMENT \_\_\_\_\_ DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting, Big up to casing circa 1 hr,  
Pump 500 gal mud flush, mix 155 sks OWC, 10% salt, 5# Kalseal  
plug, clear pump + lines, Displace 60 BBL water + 54 BBL mud  
to 800' landed plug at 1500', release, hold,  
Drop opening tool, open tool circa 3 hrs  
pumped 30 sks in R.H.  
mixed 400 sks 6 3/4 per, 8% Col, 1/4# Flo-Seal, cleared pump + lines  
released plug + displaced 49 BBL H<sub>2</sub>O, landed plug at 1500'  
released pressure, hold (Cement Did Cure) Thank You  
Dink + Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401C	1	PUMP CHARGE	2,730.00	2730.00
5406	10	MILEAGE	45.00	450.00
1126	155	OWC	20.35	3,154.25
1111	757#	Salt	1.40	302.80
1110A	775	Kalseal	1.49	379.75
1144G	500 gal	mud flush	1.00	500.00
1118B	29.60	gal	1.20	592.00
1131	430 sks	6 3/4 per	13.00	5590.00
1107	108	Flo-Seal	2.50	270.00
4159 W	1	W 5 1/2 AEU Float shoe	394.00	394.00
4254 W	1	W 5 1/2 Latchdown Plug Assembly	567.00	567.00
4130 W	9	W Centralizers	56.00	504.00
4104 W	1	W 5 1/2-Basket	263	263.00
4277 W	1	W 5 1/2 DY Tool	5,240.00	5240.00
5407	25.78	Ton Mileage Delivery	15.00	390.00
		Subtotal		20,921.80
		Less 25% Disc		- 5,230.45
				15,691.35
		SALES TAX		1385.03
		ESTIMATED TOTAL		17076.38

Authorization Leary Blum TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 AFE 10-309 238774

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Lario Oil and Gas

Clark Trust 1-36

301 S Market St.  
Wichita Ks, 67202

36/12s/32w

Job Ticket: 39367

DST#: 1

ATTN: Brad Rine

Test Start: 2010.12.13 @ 11:10:33

### GENERAL INFORMATION:

Formation: LKC 'D'

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:32:48

Time Test Ended: 19:22:48

Test Type: Conventional Bottom Hole

Tester: Mike Slemp

Unit No: 53

Interval: 4076.00 ft (KB) To 4096.00 ft (KB) (TVD)

Total Depth: 4096.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Good

Reference Elevations: 2983.00 ft (KB)

2974.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8677

Inside

Press@RunDepth: 80.92 psig @ 4078.00 ft (KB)

Start Date: 2010.12.13

End Date:

2010.12.13

Capacity: 8000.00 psig

Last Calib.: 2010.12.13

Start Time: 11:10:34

End Time:

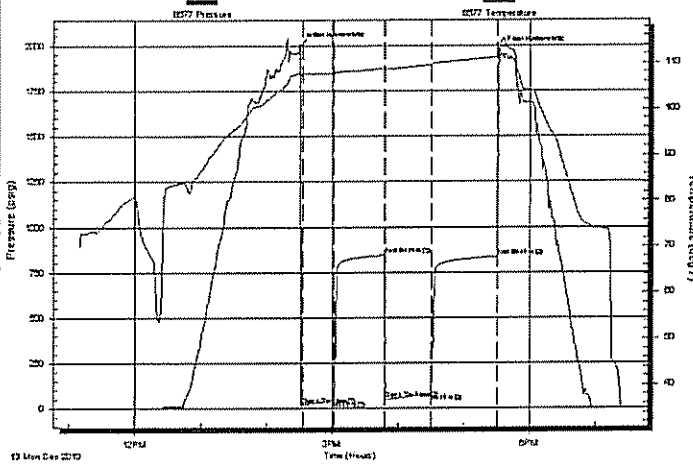
19:22:48

Time On Blm: 2010.12.13 @ 14:30:18

Time Off Blm: 2010.12.13 @ 17:32:48

TEST COMMENT: IF- Weak blow ,4 inches in 30 min  
IS- No blow back  
FF- Weak blow , 3 inches in 45 min  
FSI- No blow back

Pressure vs. Time



### PRESSURE SUMMARY

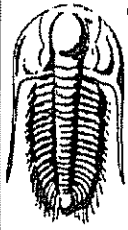
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1997.91	107.91	Initial Hydro-static
3	19.28	107.74	Open To Flow (1)
32	45.48	107.70	Shut-In(1)
78	843.33	108.84	End Shut-In(1)
79	48.19	108.64	Open To Flow (2)
120	80.92	109.60	Shut-In(2)
180	834.86	111.25	End Shut-In(2)
183	1970.82	113.98	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
35.00	5%oil90%water5%mud	0.49
124.00	95%water5%mud Skim of oil	1.74

### Gas Rates

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



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Lario Oil and Gas

Clark Trust 1-36

301 S Market St.  
Wichita Ks, 67202

36/12s/32w

ATTN: Brad Rine

Job Ticket: 39367

DST#: 1

Test Start: 2010.12.13 @ 11:10:33

**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: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.99 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: inches

**Recovery Information**

**Recovery Table**

Length ft	Description	Volume bbl
35.00	5%oil90%water5%mud	0.491
124.00	95%water5%mud Skim of oil	1.739

Total Length: 159.00 ft

Total Volume: 2.230 bbl

Num Fluid Samples: 0

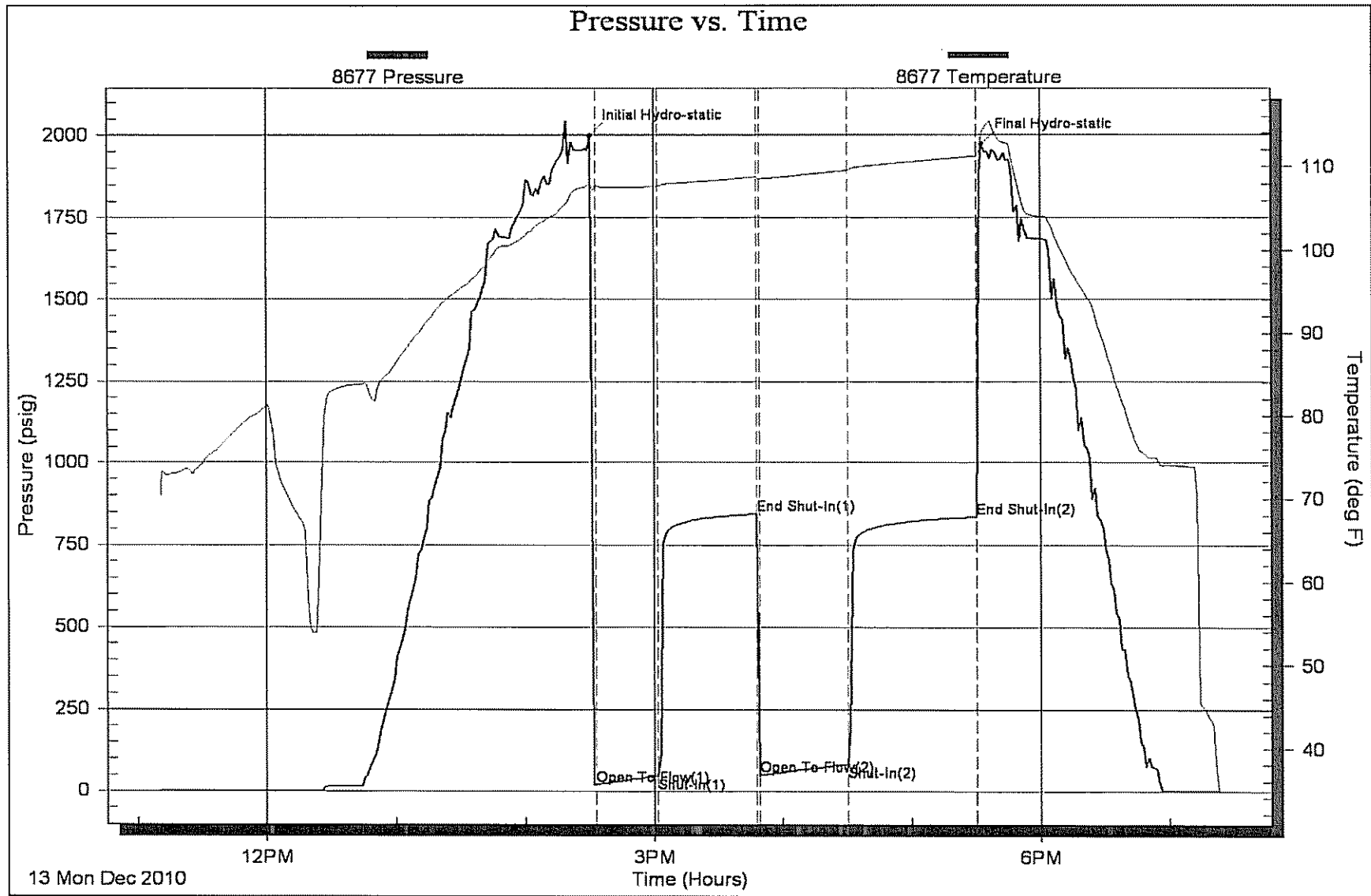
Num Gas Bombs: 0

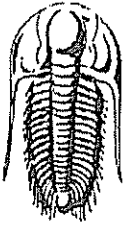
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Lario Oil and Gas  
301 S Market St.  
Wichita Ks, 67202  
ATTN: Brad Rine

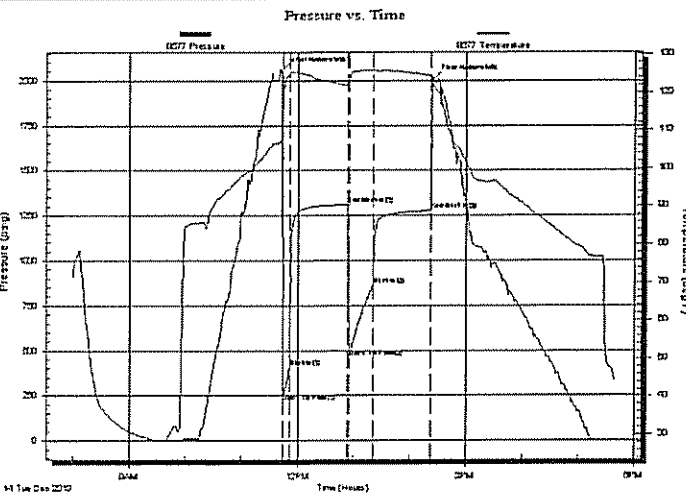
**Clark Trust 1-36**  
**36/12s/32w**  
Job Ticket: 39368      DST#: 2  
Test Start: 2010.12.14 @ 08:00:21

## GENERAL INFORMATION:

Formation: **LKC 'H'**  
Deviated: **No** Whipstock:                      ft (KB)  
Time Tool Opened: 11:43:51  
Time Test Ended: 17:39:21  
Interval: **4138.00 ft (KB) To 4181.00 ft (KB) (TVD)**  
Total Depth: **4181.00 ft (KB) (TVD)**  
Hole Diameter: **7.78 inches** Hole Condition: **Good**  
Test Type: **Conventional Bottom Hole**  
Tester: **Mike Slemp**  
Unit No: **53**  
Reference Elevations: **2983.00 ft (KB)**  
**2974.00 ft (CF)**  
KB to GR/CF: **9.00 ft**

**Serial #: 8677**      **Inside**  
Press@RunDepth: **862.54 psig @ 4140.00 ft (KB)**      Capacity: **8000.00 psig**  
Start Date: **2010.12.14**      End Date: **2010.12.14**      Last Calib.: **2010.12.14**  
Start Time: **08:00:22**      End Time: **17:39:21**      Time On Blmt: **2010.12.14 @ 11:42:36**  
Time Off Blmt: **2010.12.14 @ 14:25:06**

**TEST COMMENT:** IF- BOB in 45 sec  
IS- No blow back  
FF- BOB in 1 min  
FS- Surface blow back



## PRESSURE SUMMARY

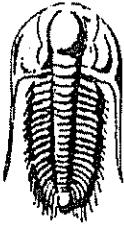
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2055.29	107.45	Initial Hydro-static
2	215.94	111.33	Open To Flow (1)
9	404.42	124.67	Shut-In(1)
72	1309.54	121.74	End Shut-In(1)
73	458.45	122.57	Open To Flow (2)
99	862.54	125.57	Shut-In(2)
160	1276.74	124.26	End Shut-In(2)
163	2011.56	121.58	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1984.00	WCOG5%gas70%oil20%water5%mud	27.83
186.00	OCW10%gas10%oil75%water5%mud	2.61

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Lario Oil and Gas  
301 S Market St.  
Wichita Ks, 67202  
ATTN: Brad Rine

Clark Trust 1-36  
36/12s/32w  
Job Ticket: 39368  
DST#: 2  
Test Start: 2010.12.14 @ 08:00:21

**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: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.58 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3000.00 ppm			
Filter Cake: inches			

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
1984.00	WCOG5%gas 70%oil 20%water 5%mud	27.830
186.00	OCW10%gas 10%oil 75%water 5%mud	2.609

Total Length: 2170.00 ft      Total Volume: 30.439 bbl

Num Fluid Samples: 0

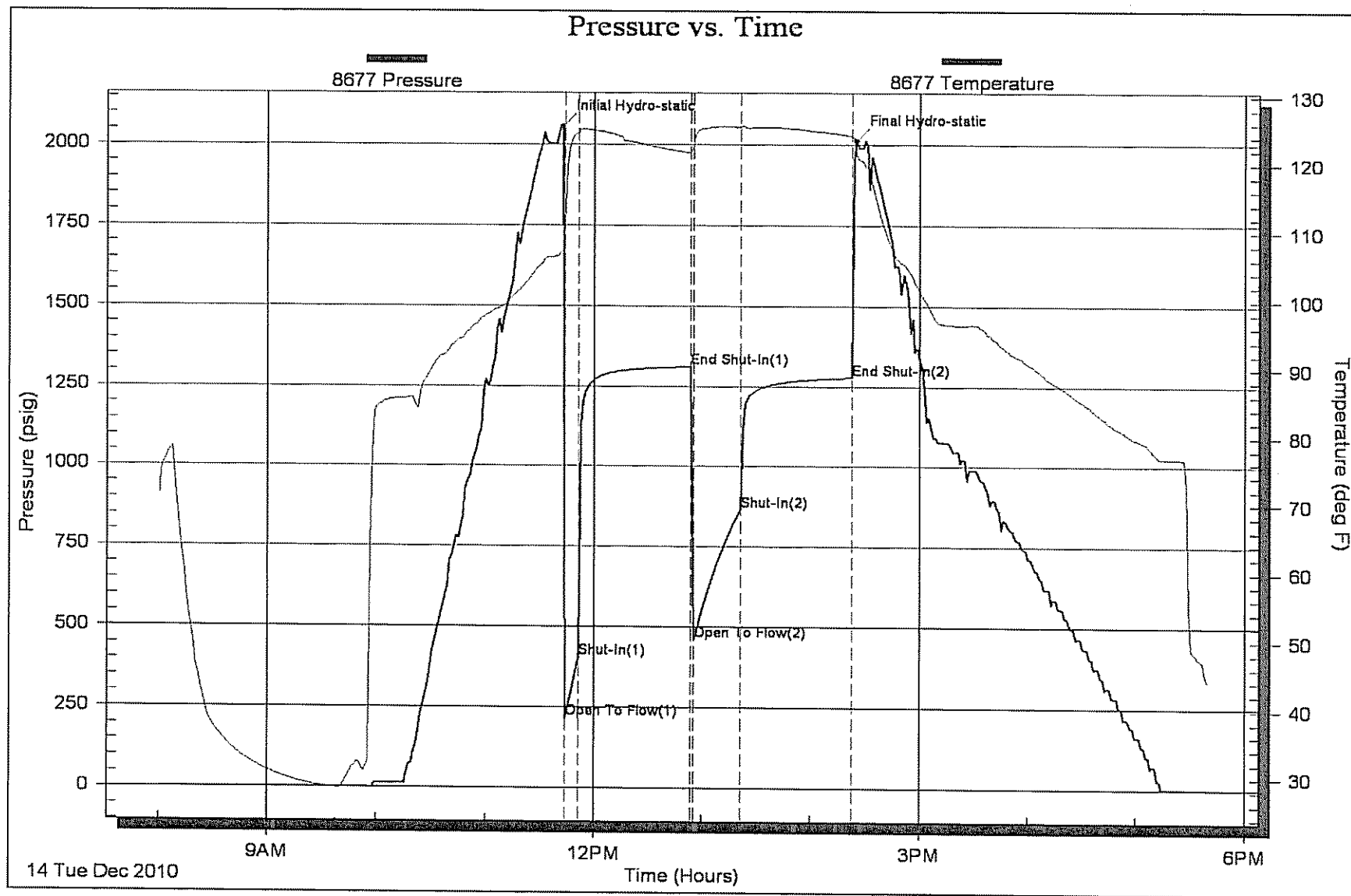
Num Gas Bombs: 0

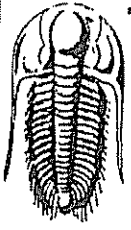
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Lario Oil and Gas

Clark Trust 1-36

301 S Market St.  
Wichita Ks, 67202

36/12s/32w

Job Ticket: 39369

DST#: 3

ATTN: Brad Rine

Test Start: 2010.12.15 @ 02:15:55

## GENERAL INFORMATION:

Formation: LKC' I'

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:01:10

Time Test Ended: 09:25:10

Test Type: Conventional Bottom Hole

Tester: Mike Slemp

Unit No: 53

Interval: 4173.00 ft (KB) To 4204.00 ft (KB) (TVD)

Total Depth: 4204.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Good

Reference Elevations: 2983.00 ft (KB)

2974.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8677

Inside

Press@RunDepth: 19.88 psig @ 4175.00 ft (KB)

Start Date: 2010.12.15

End Date:

2010.12.15

Capacity: 8000.00 psig

Last Calib.: 2010.12.15

Start Time: 02:15:56

End Time:

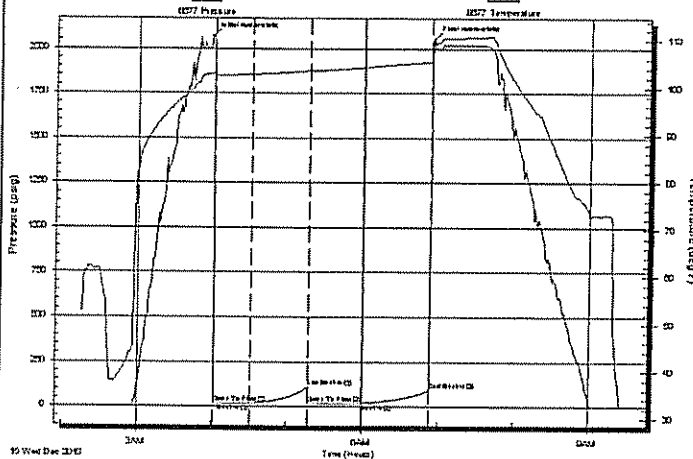
09:25:10

Time On Btm: 2010.12.15 @ 03:59:10

Time Off Btm: 2010.12.15 @ 06:55:10

TEST COMMENT: IF-Weak surface blow, 1/2 inch in 30 min  
IS- No blow back  
FF- Weak surface blow, died at 20 min  
FS- No blow back

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2067.99	102.96	Initial Hydro-static
2	18.10	102.55	Open To Flow (1)
32	18.15	102.76	Shut-In(1)
77	109.89	103.51	End Shut-In(1)
78	19.03	103.47	Open To Flow (2)
120	19.88	104.28	Shut-In(2)
174	90.61	105.46	End Shut-In(2)
176	2050.06	108.19	Final Hydro-static

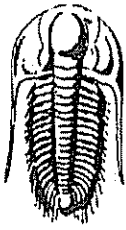
## Recovery

Length (ft)	Description	Volume (bbl)
5.00	100% mud	0.07

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Lario Oil and Gas  
301 S Market St.  
Wichita Ks, 67202  
ATTN: Brad Rine

Clark Trust 1-36  
36/12s/32w  
Job Ticket: 39369  
DST#: 3  
Test Start: 2010.12.15 @ 02:15:55

## 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: 50.00 sec/qt	Cushion Volume: bbl	Gas Cushion Type:	
Water Loss: 9.18 in <sup>3</sup>	Gas Cushion Pressure: psig		
Resistivity: ohm.m			
Salinity: 3000.00 ppm			
Filter Cake: inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	100% mud	0.070

Total Length: 5.00 ft      Total Volume: 0.070 bbl

Num Fluid Samples: 0

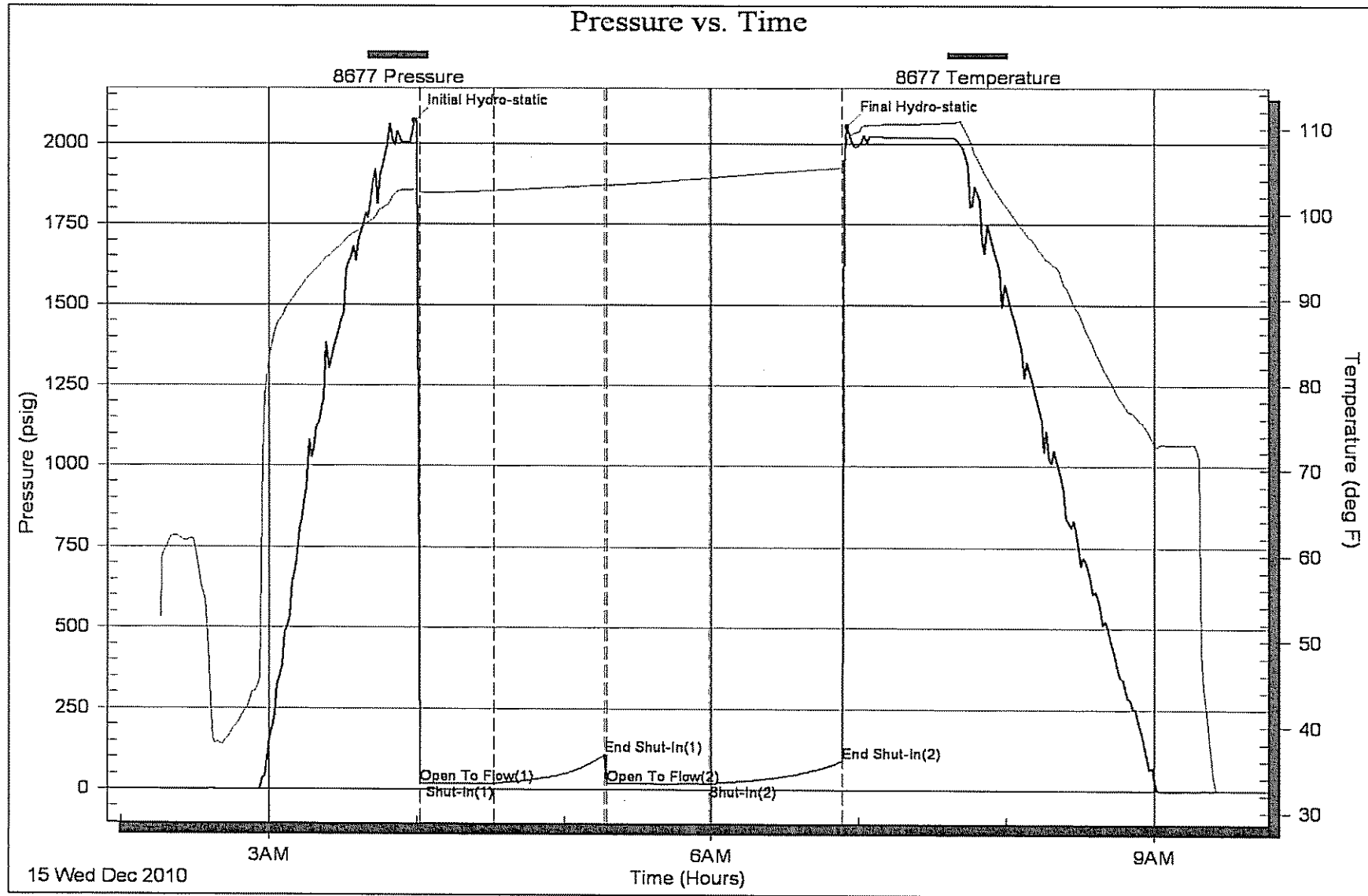
Num Gas Bombs: 0

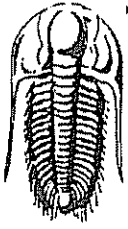
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

Lario Oil and Gas  
301 S Market St.  
Wichita Ks, 67202  
ATTN: Brad Rine

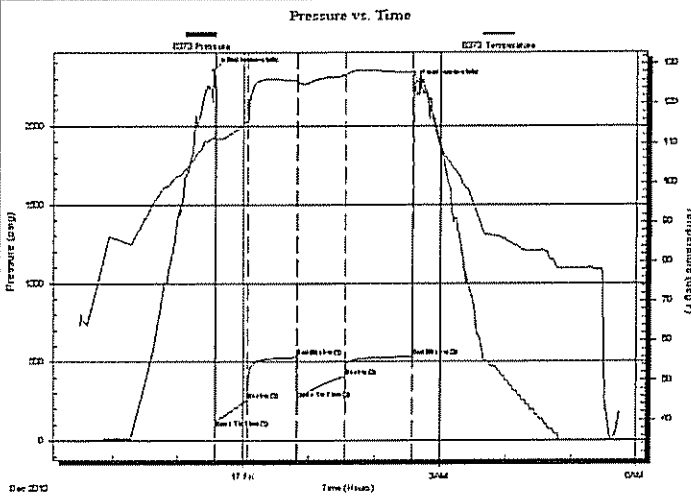
Clark Trust 1-36  
36/12s/32w  
Job Ticket: 040497      DST#: 4  
Test Start: 2010.12.16 @ 21:29:48

### GENERAL INFORMATION:

Formation: **Cherokee-Johnson**  
Deviated: **No Whipstock**      ft (KB)  
Time Tool Opened: 23:34:28  
Time Test Ended: 05:44:57  
Interval: **4508.00 ft (KB) To 4580.00 ft (KB) (TVD)**  
Total Depth: **4580.00 ft (KB) (TVD)**  
Hole Diameter: **7.78 inches** Hole Condition: **Good**  
Test Type: **Conventional Bottom Hole**  
Tester: **Brandon Turley**  
Unit No: **35**  
Reference Elevations: **2983.00 ft (KB)**  
**2974.00 ft (CF)**  
KB to GR/CF: **9.00 ft**

Serial #: **8373**      Inside  
Press@RunDepth: **406.63 psig @ 4509.00 ft (KB)**      Capacity: **8000.00 psig**  
Start Date: **2010.12.16**      End Date: **2010.12.17**      Last Calib.: **2010.12.17**  
Start Time: **21:29:48**      End Time: **05:44:57**      Time On Blmt: **2010.12.16 @ 23:32:28**  
Time Off Blmt: **2010.12.17 @ 02:36:12**

TEST COMMENT: IF: 1/4 blow BOB in 3 min.  
IS: BOB in 20 min.  
FF: BOB in 4 min.  
FS: BOB in 10 min.



### PRESSURE SUMMARY

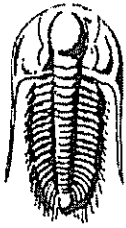
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2354.56	111.14	Initial Hydro-static
2	83.28	110.67	Open To Flow (1)
32	259.89	115.66	Shut-In(1)
77	529.98	125.76	End Shut-In(1)
77	265.20	125.62	Open To Flow (2)
121	406.63	127.15	Shut-In(2)
182	531.45	127.75	End Shut-In(2)
184	2268.97	128.04	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
124.00	mcgo 20%g 60%o 20%m	1.74
248.00	mcgo 30%g 50%o 20%m	3.48
248.00	mcgo 30%g 60%o 10%m	3.48
434.00	mcgo 10%g 70%o 20%m	6.09
0.00	744 GIP	0.00

### Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Lario Oil and Gas  
301 S Market St.  
Wichita Ks, 67202  
ATTN: Brad Rine

Clark Trust 1-36  
36/12s/32w  
Job Ticket: 040497      DST#: 4  
Test Start: 2010.12.16 @ 21:29:48

**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: 0 ppm
Viscosity: 57.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.80 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 3600.00 ppm		
Filter Cake: 1.00 inches		

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
124.00	mcgo 20%g 60%o 20%m	1.739
248.00	mcgo 30%g 50%o 20%m	3.479
248.00	mcgo 30%g 60%o 10%m	3.479
434.00	mcgo 10%g 70%o 20%m	6.088
0.00	744 GIP	0.000

Total Length: 1054.00 ft      Total Volume: 14.785 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments: 28@40=30

