



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 Bbbs.	Gas Mcf	Water Bbbs.	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	Boulware 1-21
Doc ID	1052538

All Electric Logs Run

CDL/CNL/PE
MEL
DIL
SONIC

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Boulware 1-21
Doc ID	1052538

Tops

Name	Top	Datum
Heebner	3985	-846
Lansing	4029	-890
Stark Shale	4329	-1190
Hushpuckney	4381	-1242
Base KC	4452	-1313
Marmaton	4482	-1343
Pawnee	4566	-1427
Ft. Scott	4584	-1445
Morrow	4769	-1630
Basal Penn	4826	-1687
Mississippi	4834	-1695
St. Louis	4878	-1739

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Boulware 1-21
Doc ID	1052538

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
surface	12.25	8.625	23	392	Common	250	3% CC, 2% gel
production	7.875	5.5	14	4972	OWC	245	10#salt,.6 %FLA,
production	7.875	5.5	14	4972	OWC	245	& 5# gilsonite
DV tool	7.875	5.5	14	2312	60/40 POZ	470	8% gel,1/4# floseal

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

May 17, 2011

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

Re: ACO1
API 15-171-20794-00-00
Boulevard 1-21
SW/4 Sec.21-18S-34W
Scott 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 # 240015

Invoice Date: 03/18/2011 Terms: 0/0/30,n/30

Page 1

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

BEULWARE 1-21
27998
21-18-34W
3-16-11

Part Number	Description	Qty	Unit Price	Total
1104S	CLASS "A" CEMENT (SALE)	250.00	16.8000	4200.00
1102	CALCIUM CHLORIDE (50#)	648.00	.8400	544.32
1118B	PREMIUM GEL / BENTONITE	432.00	.2400	103.68
4432	8 5/8" WOODEN PLUG	1.00	93.0000	93.00

Sublet Performed	Description	Total
9999-100	CASH DISCOUNT	-1354.96

Description	Hours	Unit Price	Total
460 TON MILEAGE DELIVERY	1.00	648.80	648.80
T-118 CEMENT PUMP (SURFACE)	1.00	985.00	985.00
T-118 EQUIPMENT MILEAGE (ONE WAY)	40.00	5.00	200.00

BCP #11-042
AFE

Acct	Exp	File	OK TO PAY			
GC						
KG	MAY 6 2011			DB		
HY				MM		
PV	QJ	KE	GV	SF	DM	
OD						

Parts: 4941.00 Freight: .00 Tax: 410.11 AR 5829.95
 Labor: .00 Misc: .00 Total: 5829.95
 Subt: -1354.96 Supplies: .00 Change: .00

Signed _____ Date _____

BARTLEVILLE, Ok 918/338-0808

ELDORADO, KS 318/322-7022

EUREKA, KS 620/563-7664

GILLETTE, WY 307/686-4914

OAKLEY, KS 785/672-2227

OTTAWA, KS 785/242-4044

TRAYER, KS 620/839-5288

WORLDWIDE, WY 307/947-4577



CONSOLIDATED
Oil Well Services, A.C.

56
CS

TICKET NUMBER 27998

LOCATION Dakota Kansas

FOREMAN Pat Heister

PO Box 884, Chanute, KS 66720
820-431-9210 or 800-487-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
3-16-11	4793	Banlowe 1-21	21	18	34W	scott	
CUSTOMER Loria Oil & Gas Company		Scotty 90 1/2 E into		TRUCK#	DRIVER	TRUCK#	DRIVER
MAILING ADDRESS				456718	Chad S		
CITY		STATE		460	Dash B		
		ZIP CODE					

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 395' CASING SIZE & WEIGHT 8 5/8 24#
 CASING DEPTH 395' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 152 SLURRY VOL 1.24 WATER gal/ks 6.5 CEMENT LEFT in CASING 20'
 DISPLACEMENT 24 DISPLACEMENT PSI 300 MIX FBI 200 RATE 5 BPM

REMARKS: soft meeting mix 250 sk 3% cc 2% gel Release Plug Displace
24 BBZ @ 300 PSI shut in @ 200 PSI

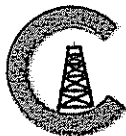
Circulated good cement

Thank you
Pat + Crew

ACCOUNT CODE	QUANTITY of UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	1025 ⁰⁰	985 ⁰⁰
5406	40 mi	MILEAGE	5 ⁰⁰	200 ⁰⁰
5407A	10.81 T	Ten mileage Delivery	1 ³³	648 ³⁰
11045	250 SK	Class "A" Cement	16 ⁸⁰	4200 ⁰⁰
1102	648 Lb	Calcium Chloride	.84	544 ³²
1118B	432 Lb	Bentonite gel	1.24	1000 ⁸⁰
4432	1	3 3/4 Wooden Plug	93 ⁰⁰	93 ⁰⁰
<u>240015</u>			Subtotal	6714 ⁸⁰
			Less	-1354 ⁸⁰
				5419 ⁸⁰
			SALES TAX	410.11
			ESTIMATED TOTAL	5829.95

AUTHORIZATION [Signature] TITLE Tool pusher DATE 3-16-11

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.



CONSOLIDATED
Oil Well Services, LLC

S T A T E M E N T
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

LARIO OIL & GAS
301 S. MARKET ST.
WICHITA KS 67202

Account No. 4793
Statement Date 03/31/2011

Terms
C.O.D.

Trans Date	Invoice	Type	Check #	Charges	Credits	Amount Due
01/31/11	239409	IN		3622.89		3622.89
02/24/11	239651	IN		3626.33		3626.33
02/28/11	239738	IN		3630.04		3630.04
03/01/11	239409	PY	259465		3622.89	3622.89-
03/09/11	239856	IN		3791.50		3791.50
03/11/11	239896	IN		3971.87		3971.87
03/18/11	240015	IN		5829.95		5829.95
03/22/11	239651	PY	260105		3626.33	3626.33-
03/24/11	240121	IN		3970.50		3970.50
03/29/11	239738	PY	260308		3630.04	3630.04-
03/30/11	240260	IN		21092.49		21092.49

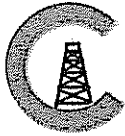
DEL	MH	MJ	SH	DN	BS		
Prod	Expl	FILE		NT			
Rec'd	APR - 7 2011			Acctg			
ACT I O N	CF	MM	BA	CF	MM	BA	I N F O
	NL	DM	MJ	NL	DM	MJ	
		SK			SK		

OK TO PAY								
Acct	Expl	File						
GC	APR 7 2011				DB			
KG					MM			
HY					DM			
PV					JS	KE	GV	SF
OD								

YTD Finance Charges added to your account: .00
Activity after 03/31/2011 will be reflected on your next statement.

UNPD F/C	CURRENT	31-60	61-90	OVER 90	NEW F/C	NEW BALANCE
.00	38656.31	.00	.00	.00	.00	38656.31

To avoid additional finance charges, pay by 04/30/2011



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 # 240260

Invoice Date: 03/30/2011 Terms: 0/0/30,n/30

Page 1

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

BEULWARE 1-21
30722
21-18S-34W
3-28-11
KS

Part Number	Description	Qty	Unit Price	Total
1126	OIL WELL CEMENT	245.00	20.3500	4985.75
1131	60/40 POZ MIX	470.00	13.0000	6110.00
1118B	PREMIUM GEL / BENTONITE	3232.00	.2000	646.40
1104S	CLASS "A" CEMENT (SALE)	50.00	16.8000	840.00
1110A	KOL SEAL (50# BAG)	1225.00	.4900	600.25
1107	FLO-SEAL (25#)	118.00	2.5000	295.00
1144G	MUD FLUSH (SALE)	500.00	1.0000	500.00
4159	FLOAT SHOE AFU 5 1/2"	1.00	394.0000	394.00
4130	CENTRALIZER 5 1/2"	16.00	56.0000	896.00
4104	CEMENT BASKET 5 1/2"	1.00	263.0000	263.00
4454	5 1/2" LATCH DOWN ASSY (1.00	567.0000	567.00
4283	DV TOOL W/ LATCH DOWN (W	1.00	4750.0000	4750.00

Sublet Performed	Description	Total
9999-100	CASH DISCOUNT	-6454.05

Description	Hours	Unit Price	Total
439 TON MILEAGE DELIVERY	1.00	681.60	681.60
463 SINGLE PUMP	1.00	2730.00	2730.00
463 EQUIPMENT MILEAGE (ONE	40.00	4.85	194.00
T-127 TON MILEAGE DELIVERY	1.00	681.60	681.60
558 TON MILEAGE DELIVERY	1.00	681.60	681.60

WAY) *XC* OK TO PAY

Acct	Expl	File			
GC					
KG					
HY					
PV					
OD	US	KE	GV	SF	DM

APR 1 2011

Parts:	20847.40	Freight:	.00	Tax:	1730.34	AR	21092.49
Labor:	.00	Misc:	.00	Total:	21092.49		
Sublt:	-6454.05	Supplies:	.00	Change:	.00		

Signed _____ Date _____



CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 30722

LOCATION Canklay Ks

FOREMAN 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
3-28-11	4793	Bowlmore 1-21	21	183	346	Scott
CUSTOMER <u>Lavin Oil & Gas</u>						
MAILING ADDRESS						
CITY		STATE	ZIP CODE			

TRUCK #	DRIVER	TRUCK #	DRIVER
463	Miles Shaw		
528-T127	Cecil Parker		
439	Tash Gribble		
558	Cheryl Smith		

JOB TYPE Prod-DV-O HOLE SIZE 7 7/8 HOLE DEPTH 4996' CASING SIZE & WEIGHT 5 1/2 15.5#
 CASING DEPTH 4973' DRILL PIPE _____ TUBING _____ OTHER DV 2312
 SLURRY WEIGHT 13.8-12.5 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 22'
 DISPLACEMENT 124 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE 6 BPM

REMARKS: Safety Meeting, Run Flat Equip Cont, 2, 5, 9, 4, 14, 17, 20, 27, 26, 29, 32, 35, 38
47, 44, DV on 52 + Basket, Run up to circ 1 1/2 hrs
Pumped 500 gal Mud Flush, mixed 245 sks O.I.C, 5# Kalsol on
13.8 PPG; Clear Pump + Lines, Released Plug + Displaced 70 BBL H₂O -
54 BBL mud @ 1500# Max, Landed Plug @ 2000# released Pressure, Flat
Helix Open DV Tool and Circ @ 6:30 AM till 9:30 AM,
mixed 30 sks in RH, 20 sks in LH, Pump 10 BBL H₂O ahead and mixed 420 sk
60/40 Puz. 8% Gel, 4# Flo-Seal + 50 sks CMW, released Plug + Displaced 56 1/2 BBL H
@ 750#, Landed Plug @ 1500#, Closed Tool, release Pressure
Tool Held, Plug down @ 10145#

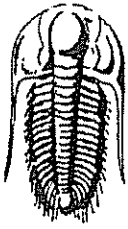
Thank You Walt & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401C	1	PUMP CHARGE	2730.00	2730.00
5406	40	MILEAGE	4.85	194.00
1126	245 SKS	O.I.C 332 Com	20.35	4,985.75
1131	470 SKS	60/40 puz 18% Puz	13.00	6,110.00
1118 B	3232 #	Bariumite	.20	646.40
11043	50 SKS	Class A Cement	16.80	840.00
1101A	1225 #	Kalsol	.49	600.25
1107	118 #	Flo-Seal	2.50	295.00
11446	500 gal	Mud Flush	1.00	500.00
5407A	34.08	Ten mileage Delivery	1.50	2,044.80
4159	1	5/8 Flat shoe	394.00	394.00
4130	16	5/8 Centralizers	56.00	896.00
Weather Ford	4454	5 1/2 Latch Down Assy (W)	567.00	567.00
4104	1	5 1/2 Basket	263.00	263.00
Weather Ford	4283	5 1/2 DV Tool (W)	4750.00	4750.00
				25,816.20
		12.5% 25% D.S.C.		6,484.95
		240260		19,362.15
		SALES TAX		1730.34
		ESTIMATED TOTAL		21092.49

Rev 3737

AUTHORIZATION Lavin Oil & Gas TITLE Foreman DATE 3/28/11

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 fo



**TRIOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Company

Boulware 1-21

301 S. Market St.
Wichita, Ks 67202

21-18s-34w Scott, KS

Job Ticket: 042066

DST#: 1

ATTN: Max Armstrong

Test Start: 2011.03.20 @ 09:50:19

GENERAL INFORMATION:

Formation: **Toronto**
 Deviated: **No Whipstock** ft (KB)
 Time Tool Opened: 12:14:44
 Time Test Ended: 16:50:58

Test Type: **Conventional Bottom Hole**
 Tester: **Brandon Turley**
 Unit No: **35**

Interval: **3988.00 ft (KB) To 4030.00 ft (KB) (TVD)**
 Total Depth: **4030.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **3139.00 ft (KB)**
3131.00 ft (CF)
 KB to GR/CF: **8.00 ft**

Serial #: **8373**

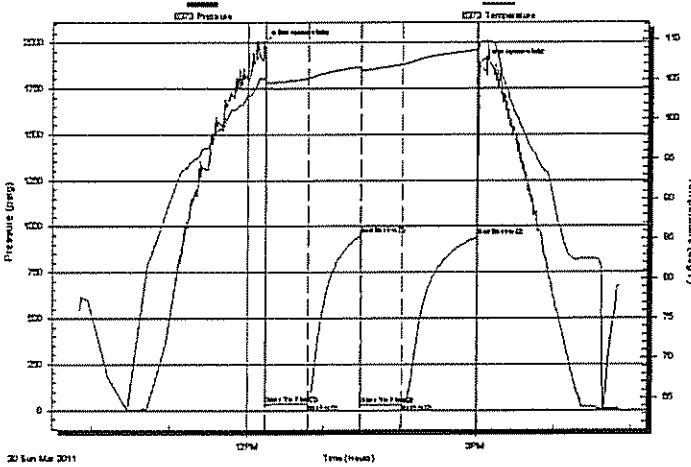
Inside

Press@RunDepth: **33.20 psig @ 3989.00 ft (KB)**
 Start Date: **2011.03.20** End Date: **2011.03.20**
 Start Time: **09:50:19** End Time: **16:50:58**

Capacity: **8000.00 psig**
 Last Calib.: **2011.03.20**
 Time On Btrr: **2011.03.20 @ 12:13:14**
 Time Off Btrr: **2011.03.20 @ 15:01:58**

TEST COMMENT: IF: Surface blow died in 4 min.
 IS: No return.
 FF: No blow.
 FS: No return.

Pressure vs. Time



PRESSURE SUMMARY

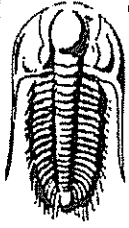
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1996.97	105.14	Initial Hydro-static
2	32.85	104.66	Open To Flow (1)
35	36.72	105.14	Shut-In(1)
76	953.29	106.65	End Shut-In(1)
77	30.47	106.23	Open To Flow (2)
109	33.20	106.93	Shut-In(2)
168	943.61	108.76	End Shut-In(2)
169	1864.89	109.53	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud heavy oil spots 100% _m	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

Boulware 1-21

301 S. Market St.
Wichita, Ks 67202

21-18s-34w Scott, KS

Job Ticket: 042066

DST#: 1

ATTN: Max Armstrong

Test Start: 2011.03.20 @ 09:50:19

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 53.00 sec/qt
Water Loss: 7.98 in³
Resistivity: 0.00 ohm.m
Salinity: 3900.00 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

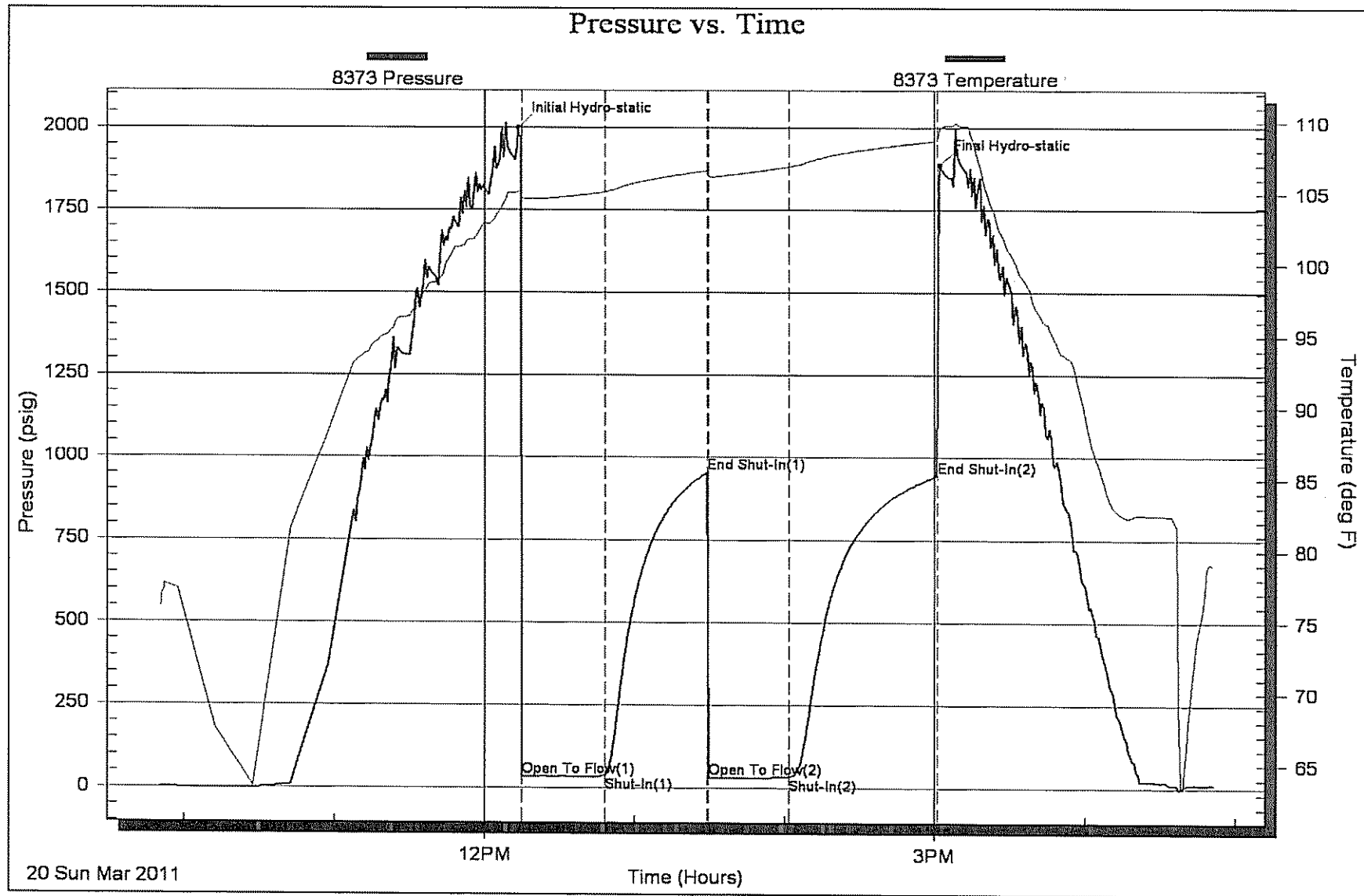
Length ft	Description	Volume bbl
5.00	mud heavy oil spots 100%m	0.070

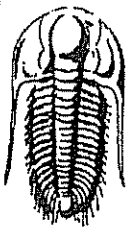
Total Length: 5.00 ft Total Volume: 0.070 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Lario Oil & Gas Company

301 S. Market St.
Wichita, Ks 67202

ATTN: Max Armstrong

Boulware 1-21

21-18s-34w Scott, KS

Job Ticket: 042067

DST#: 2

Test Start: 2011.03.21 @ 01:00:33

GENERAL INFORMATION:

Formation: **Lansing A**
 Deviated: **No Whipstock** ft (KB)
 Time Tool Opened: 02:47:13
 Time Test Ended: 08:03:12

Test Type: Conventional Bottom Hole
 Tester: Brandon Turley
 Unit No: 35

Interval: **4019.00 ft (KB) To 4060.00 ft (KB) (TVD)**
 Total Depth: **4060.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **3139.00 ft (KB)**
3131.00 ft (CF)
 KB to GR/CF: **8.00 ft**

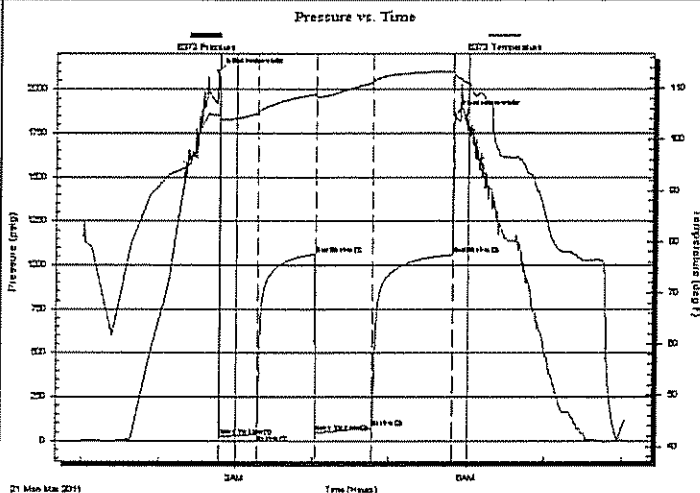
Serial #: 8373

Inside

Press@RunDepth: **73.72 psig @ 4020.00 ft (KB)**
 Start Date: **2011.03.21** End Date: **2011.03.21**
 Start Time: **01:00:33** End Time: **08:03:12**

Capacity: **8000.00 psig**
 Last Calib.: **2011.03.21**
 Time On Blm: **2011.03.21 @ 02:45:28**
 Time Off Blm: **2011.03.21 @ 05:49:42**

TEST COMMENT: IF: 1/4 blow built to 5 in 30 min.
 IS: No return.
 FF: Surface blow built to 5 in 45 min.
 FS: No return.



PRESSURE SUMMARY

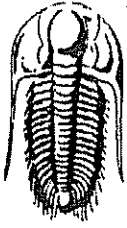
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2101.28	104.76	Initial Hydro-static
2	25.68	103.85	Open To Flow (1)
32	37.68	105.09	Shut-In(1)
77	1061.25	108.87	End Shut-In(1)
78	45.97	108.39	Open To Flow (2)
121	73.72	111.17	Shut-In(2)
183	1058.86	113.28	End Shut-In(2)
185	1859.07	112.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	mw 50%w 50%m	0.87
50.00	w cm 20%w 80%m	0.70
1.00	free oil 100%o	0.01

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

Boulware 1-21

301 S. Market St.
Wichita, Ks 67202

21-18s-34w Scott, KS

Job Ticket: 042067

DST#: 2

ATTN: Max Armstrong

Test Start: 2011.03.21 @ 01:00:33

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 51.00 sec/qt
Water Loss: 7.98 in³
Resistivity: 0.00 ohm.m
Salinity: 5800.00 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: 48000 ppm

Recovery Information

Recovery Table

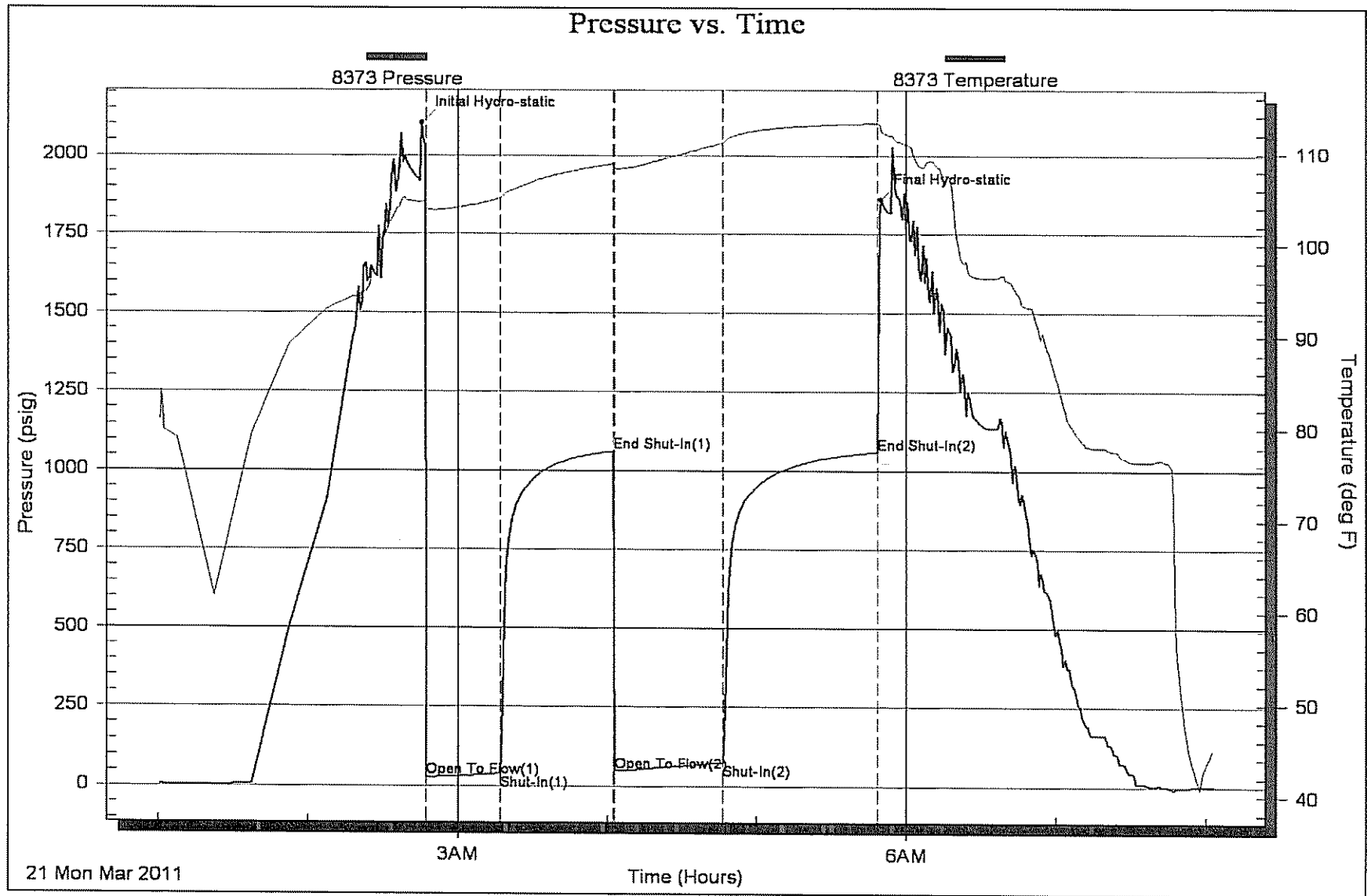
Length ft	Description	Volume bbl
62.00	mw 50%w 50%m	0.870
50.00	w cm 20%w 80%m	0.701
1.00	free oil 100%o	0.014

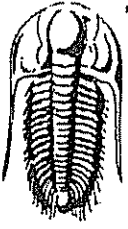
Total Length: 113.00ft Total Volume: 1.585 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: .17@67=48000





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Lario Oil & Gas Company

301 S. Market St.
Wichita, Ks 67202

ATTN: Max Armstrong

Boulware 1-21

21-18s-34w Scott, KS

Job Ticket: 042068

DST#: 3

Test Start: 2011.03.21 @ 17:50:30

GENERAL INFORMATION:

Formation: **Lasning D**

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

Time Tool Opened: 19:40:55

Time Test Ended: 00:44:39

Test Type: **Conventional Bottom Hole**

Tester: **Brandon Turley**

Unit No: **35**

Interval: **4114.00 ft (KB) To 4138.00 ft (KB) (TVD)**

Total Depth: **4138.00 ft (KB) (TVD)**

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

Reference Elevations: **3139.00 ft (KB)**

3131.00 ft (CF)

KB to GR/CF: **8.00 ft**

Serial #: 8373

Inside

Press@RunDepth: **161.75 psig @ 4115.00 ft (KB)**

Start Date: **2011.03.21**

End Date: **2011.03.22**

Start Time: **17:50:30**

End Time: **00:44:39**

Capacity: **8000.00 psig**

Last Calib.: **2011.03.22**

Time On Btm: **2011.03.21 @ 19:39:40**

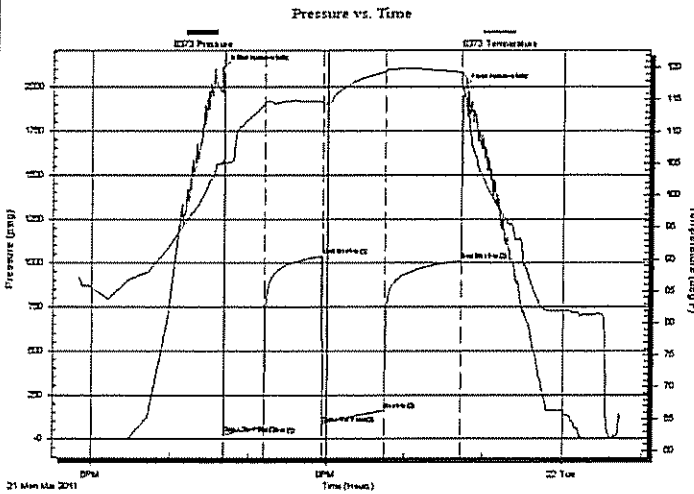
Time Off Btm: **2011.03.21 @ 22:44:09**

TEST COMMENT: **IF: 1/4 blow BOB in 24 min.**

IS: No return.

FF: Surface blow BOB in 27 min.

FS: No return.



PRESSURE SUMMARY

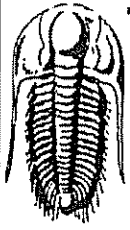
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2102.48	105.49	Initial Hydro-static
2	27.42	104.56	Open To Flow (1)
32	70.98	114.23	Shut-In(1)
77	1037.60	114.78	End Shut-In(1)
77	85.97	114.34	Open To Flow (2)
125	161.75	119.33	Shut-In(2)
184	1011.66	119.32	End Shut-In(2)
185	1994.68	118.82	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	mcw 90%w 10%m	0.87
124.00	mcw 70%w 30%m	1.74
124.00	w cm oil spots 10%w 90%m	1.74
3.00	free oil 100%o	0.04

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

Boulware 1-21

301 S. Market St.
Wichita, Ks 67202

21-18s-34w Scott, KS

Job Ticket: 042068

DST#: 3

ATTN: Max Armstrong

Test Start: 2011.03.21 @ 17:50:30

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:	44000 ppm
Viscosity: 61.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.38 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 8400.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

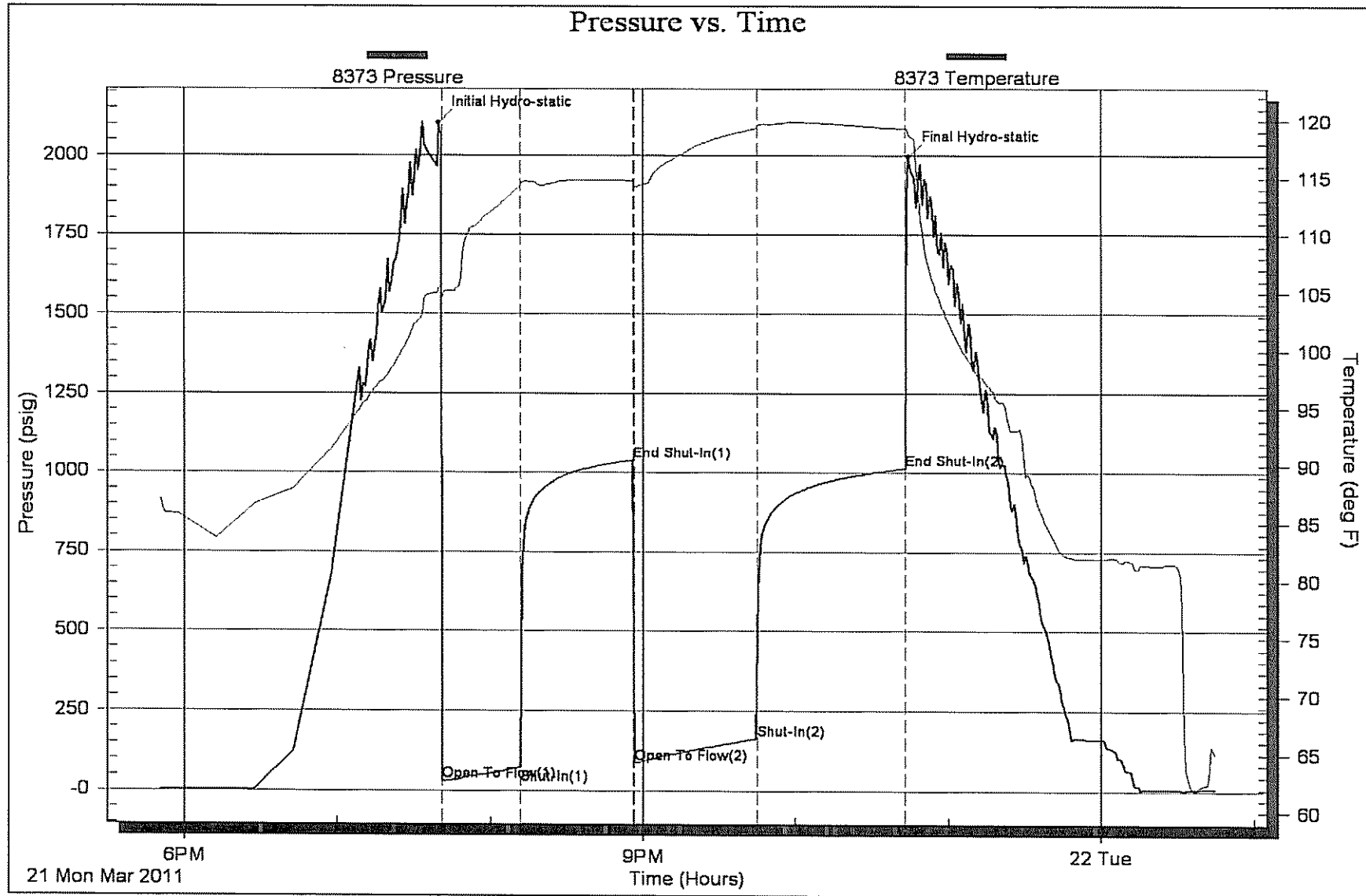
Length ft	Description	Volume bbl
62.00	mcw 90%w 10%m	0.870
124.00	mcw 70%w 30%m	1.739
124.00	w cm oil spots 10%w 90%m	1.739
3.00	free oil 100%o	0.042

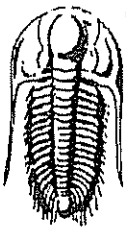
Total Length: 313.00 ft Total Volume: 4.390 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: .17@72=44000





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Lario Oil & Gas Company

301 S. Market St.
Wichita, Ks 67202

ATTN: Max Armstrong

Boulware 1-21

21-18s-34w Scott, KS

Job Ticket: 042069

DST#: 4

Test Start: 2011.03.23 @ 05:42:55

GENERAL INFORMATION:

Formation: **Lansing L**

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

Time Tool Opened: 07:53:05

Time Test Ended: 13:27:49

Test Type: **Conventional Bottom Hole**

Tester: **Brandon Turley**

Unit No: **35**

Interval: **4419.00 ft (KB) To 4445.00 ft (KB) (TVD)**

Total Depth: **4445.00 ft (KB) (TVD)**

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

Reference Elevations: **3139.00 ft (KB)**

3131.00 ft (CF)

KB to GR/CF: **8.00 ft**

Serial #: 8373

Inside

Press@RunDepth: **211.93 psig @ 4420.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2011.03.23**

End Date: **2011.03.23**

Last Calib.: **2011.03.23**

Start Time: **05:42:55**

End Time: **13:27:49**

Time On Blrm: **2011.03.23 @ 07:51:20**

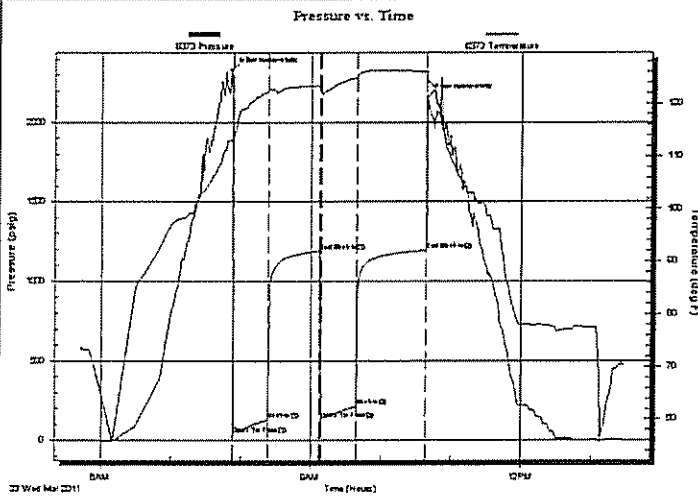
Time Off Blrm: **2011.03.23 @ 10:40:04**

TEST COMMENT: IF: 1/4 blow BOB in 12 min.

IS: No return.

FF: Surface blow BOB in 17 min.

FS: No return.



PRESSURE SUMMARY

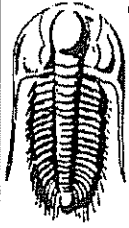
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2325.48	113.09	Initial Hydro-static
2	37.38	112.76	Open To Flow (1)
32	129.67	122.34	Shut-In(1)
76	1189.23	123.22	End Shut-In(1)
78	129.92	121.79	Open To Flow (2)
108	211.93	124.93	Shut-In(2)
168	1192.60	126.02	End Shut-In(2)
169	2158.27	123.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	mcw 90%w 10%m	0.87
124.00	ocw m 5%o45%w 50%m	1.74
124.00	w mco 60%o10%w 30%m	1.74
127.00	mw co 90%o5%w 5%m	1.78

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

Boulware 1-21

301 S. Market St.
Wichita, Ks 67202

21-18s-34w Scott, KS

Job Ticket: 042069

DST#: 4

ATTN: Max Armstrong

Test Start: 2011.03.23 @ 05:42:55

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 60.00 sec/qt
Water Loss: 10.38 in³
Resistivity: 0.00 ohm.m
Salinity: 9600.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: 14 deg API
Water Salinity: 40000 ppm

Recovery Information

Recovery Table

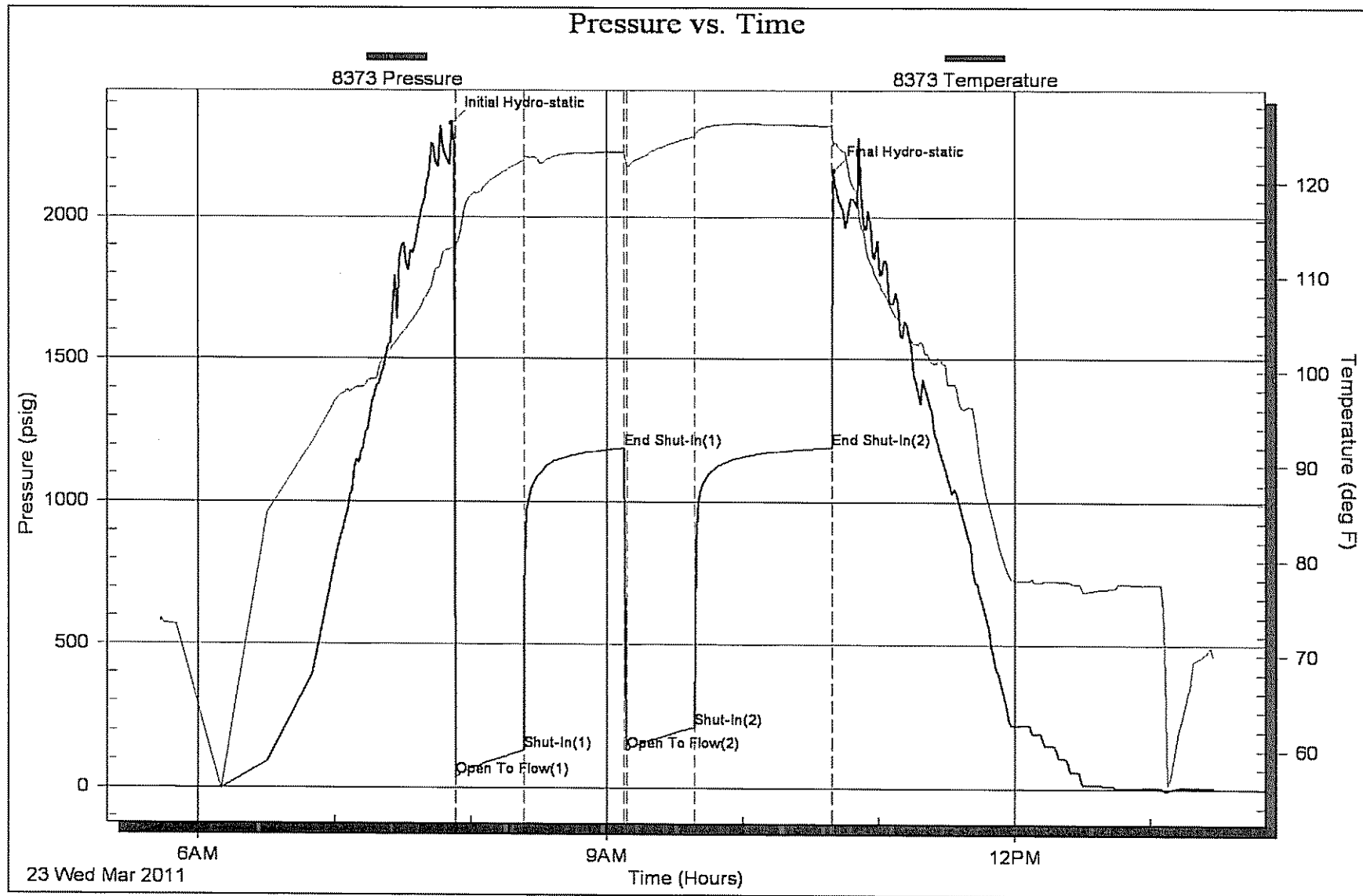
Length ft	Description	Volume bbl
62.00	mcw 90%w 10%m	0.870
124.00	ocw m 5%o45%w 50%m	1.739
124.00	w mco 60%o10%w 30%m	1.739
127.00	mw co 90%o5%w 5%m	1.781

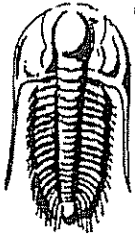
Total Length: 437.00 ft Total Volume: 6.129 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: 16@80=14
.20@65=40000





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Lario Oil & Gas Company

Boulware 1-21

301 S. Market St.
Wichita, Ks 67202

21-18s-34w Scott, KS

Job Ticket: 042070

DST#: 5

ATTN: Max Armstrong

Test Start: 2011.03.24 @ 05:05:50

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock ft (KB)

Time Tool Opened: 07:22:15

Time Test Ended: 13:00:14

Interval: **4456.00 ft (KB) To 4520.00 ft (KB) (TVD)**

Total Depth: 4520.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

Reference Elevations: 3139.00 ft (KB)

3131.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8373

Inside

Press@RunDepth: 331.56 psig @ 4457.00 ft (KB)

Start Date: 2011.03.24

End Date:

2011.03.24

Start Time: 05:05:50

End Time:

13:00:14

Capacity: 8000.00 psig

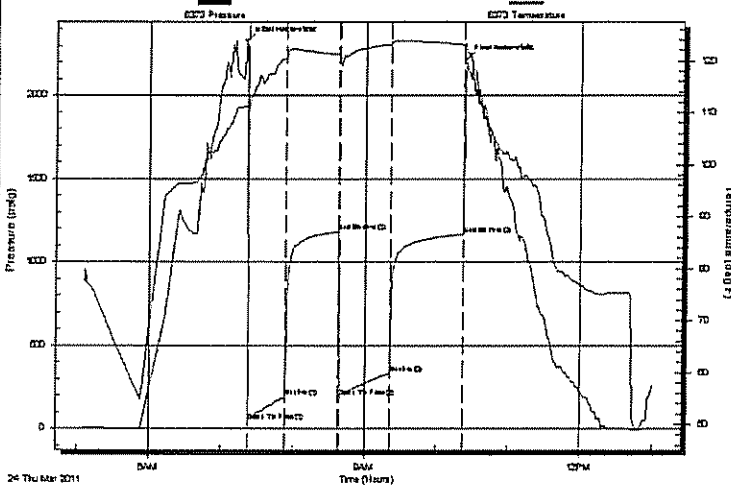
Last Calib.: 2011.03.24

Time On Btm: 2011.03.24 @ 07:20:15

Time Off Btm: 2011.03.24 @ 10:23:59

TEST COMMENT: IF: BOB in 4 min.
IS: BOB in 9 min.
FF: BOB in 6 min.
FS: Surface blow BOB in 40 min.

Pressure vs. Time



PRESSURE SUMMARY

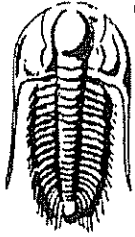
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2329.64	111.16	Initial Hydro-static
2	46.63	110.08	Open To Flow (1)
33	187.30	120.42	Shut-In(1)
77	1182.69	121.21	End Shut-In(1)
78	187.14	120.35	Open To Flow (2)
121	331.56	123.15	Shut-In(2)
183	1165.94	123.09	End Shut-In(2)
184	2221.59	122.53	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
186.00	mcgo 20%g 60%o 20%m	2.61
248.00	gocm 20%g 30%o 50%m	3.48
362.00	go 30%g 70%o	5.08
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 & Gas Company

Boulware 1-21

301 S. Market St.
Wichita, Ks 67202

21-18s-34w Scott, KS

Job Ticket: 042070

DST#: 5

ATTN: Max Armstrong

Test Start: 2011.03.24 @ 05:05:50

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	29 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 65.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.58 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 9200.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
186.00	mcgo 20%g 60%o 20%m	2.609
248.00	gocm 20%g 30%o 50%m	3.479
362.00	go 30%g 70%o	5.078
0.00	744 GIP	0.000

Total Length: 796.00 ft Total Volume: 11.166 bbl

Num Fluid Samples: 0

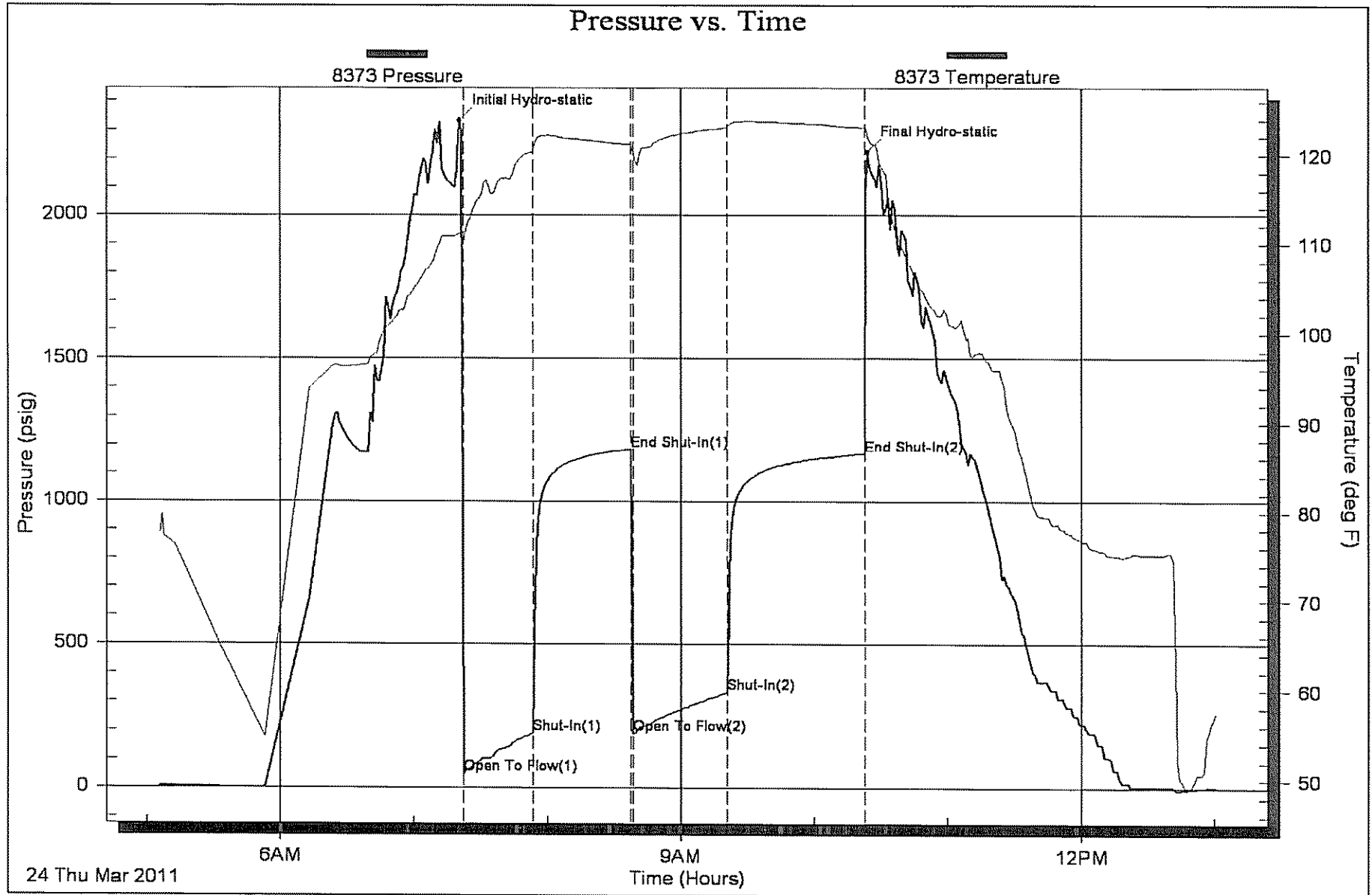
Num Gas Bombs: 0

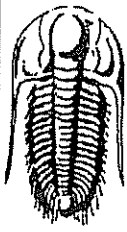
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 29@60=29





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Lario Oil & Gas Company

301 S. Market St.
Wichita, Ks 67202

ATTN: Mac Armstrong

Boulware 1-21

21-18s-34w Scott, KS

Job Ticket: 042071

DST#: 6

Test Start: 2011.03.25 @ 02:00:30

GENERAL INFORMATION:

Formation: **Marmaton B**

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

Time Tool Opened: 04:16:30

Time Test Ended: 09:51:00

Test Type: **Conventional Bottom Hole**

Tester: **Brandon Turley**

Unit No: **35**

Interval: **4523.00 ft (KB) To 4570.00 ft (KB) (TVD)**

Total Depth: **4570.00 ft (KB) (TVD)**

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

Reference Elevations: **3139.00 ft (KB)**

3131.00 ft (CF)

KB to GR/CF: **8.00 ft**

Serial #: 8373

Inside

Press@RunDepth: **227.08 psig @ 4524.00 ft (KB)**

Start Date: **2011.03.25**

End Date:

2011.03.25

Start Time: **02:00:35**

End Time:

09:50:59

Capacity: **8000.00 psig**

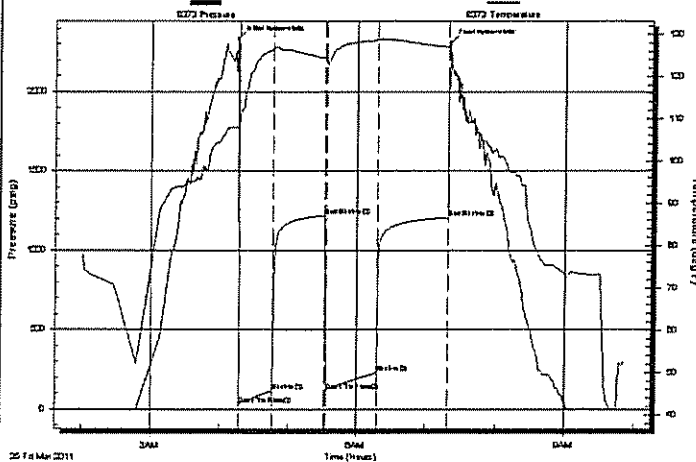
Last Calib.: **2011.03.25**

Time On Btm: **2011.03.25 @ 04:15:30**

Time Off Btm: **2011.03.25 @ 07:20:30**

TEST COMMENT: IF: 1/4 blow BOB in 18 min.
IS: Surface blow built to 1/2 in 45 min.
FF: 1/4 blow BOB in 20 min.
FS: Surface blow built to 2 in 60 min.

Pressure vs. Time



PRESSURE SUMMARY

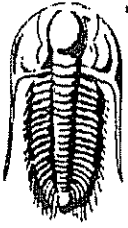
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2332.81	108.08	Initial Hydro-static
1	31.08	107.28	Open To Flow (1)
31	115.15	126.51	Shut-In(1)
77	1218.92	124.38	End Shut-In(1)
78	115.82	123.24	Open To Flow (2)
122	227.08	128.56	Shut-In(2)
183	1206.75	127.03	End Shut-In(2)
185	2308.30	124.26	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
248.00	mcw 90%w 10%m	3.48
124.00	ocmw 5%o 55%w 40%m	1.74
88.00	ocw m 10%o 20%w 70%m	1.23
5.00	free oil 100%o	0.07
0.00	93 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

Boulware 1-21

301 S. Market St.
Wichita, Ks 67202

21-18s-34w Scott, KS

Job Ticket: 042071

DST#: 6

ATTN: Mac Armstrong

Test Start: 2011.03.25 @ 02:00:30

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: 40000 ppm
Viscosity: 57.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.58 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 9000.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
248.00	mcw 90%w 10%m	3.479
124.00	ocmw 5%o 55%w 40%m	1.739
88.00	ocw m 10%o 20%w 70%m	1.234
5.00	free oil 100%o	0.070
0.00	93 GIP	0.000

Total Length: 465.00 ft Total Volume: 6.522 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: .20@66= 40000

