



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1097471  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
August 2013

Form must be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

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

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

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening       Re-perf.       Conv. to ENHR       Conv. to SWD
- Plug Back       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-  
Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-  
Feet from  North /  South Line of Section

\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-  
Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan

*(Data must be collected from the Reserve Pit)*

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1097471

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

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

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No  List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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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
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

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

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  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

<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	Parsons B 1-4
Doc ID	1097471

All Electric Logs Run

CDL/CNL/PE
DIL
MEL
SONIC

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Parsons B 1-4
Doc ID	1097471

Tops

Name	Top	Datum
Heebner	3943	-1005
Lansing	3986	-1048
Stark Shale	4219	-1281
Hushpuckney	4255	-1317
Base KC	42691	-1353
Marmaton	4348	-1410
Pawnee	4428	-1490
Ft. Scott	4451	-1513
Johnson	4549	-1611
Morrow	4567	-1629
Basal Penn	4598	-1660
Mississippian	4618	-1680
Spergen	4688	-1750

Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Mark Sievers, Chairman  
Thomas E. Wright, Commissioner  
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

January 07, 2013

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

Re: ACO1  
API 15-063-22044-00-00  
Parsons B 1-4  
SW/4 Sec.04-13S-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

PO Box 93999  
Southlake, TX 76092

Invoice Number: 133128

Invoice Date: Oct 12, 2012

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

Page: 1

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

*Drilling  
AFEIL-285  
eK 10/19/12*



Customer ID	Well Name/# or Customer P.O.	Payment Terms	
Lario	Parson B #1-4	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Oct 12, 2012	11/11/12

Quantity	Item	Description	Unit Price	Amount
175.00	MAT	Class A Common	17.90	3,132.50
3.00	MAT	Gel	23.40	70.20
6.00	MAT	Chloride	64.00	384.00
188.50	SER	Cubic Feet	2.48	467.48
344.00	SER	Ton Mileage	2.60	894.40
1.00	SER	Surface	1,512.25	1,512.25
40.00	SER	Pump Truck Mileage	7.70	308.00
1.00	SER	Manifold Head Rental	275.00	275.00
40.00	SER	Light Vehicle Mileage	4.40	176.00
1.00	EQP	8.5/8 Wooden Plug	107.64	107.64
1.00	CEMENTER	Terry Heinrich		
1.00	EQUIP OPER	Wayne McGhghy		

*BCP  
Surface  
all  
OK  
OCT 24 2012  
all  
OK*

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

**\$ 2,418.06**

ONLY IF PAID ON OR BEFORE

**Nov 6, 2012**

Subtotal	7,327.47
Sales Tax	297.39
Total Invoice Amount	7,624.86
Payment/Credit Applied	
<b>TOTAL</b>	<b>7,624.86</b>

# ALLIED CEMENTING CO., LLC. 044136

Federal Tax I.D.# 20-5975004

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

SERVICE POINT:  
OAKLEY

DATE <u>10-12-12</u>	SEC. <u>4</u>	TWP. <u>13S</u>	RANGE <u>31W</u>	CALLED OUT	ON LOCATION <u>3:20 PM</u>	JOB START <u>6:00 PM</u>	JOB FINISH <u>6:30 PM</u>
LEASE <u>PERSON "B"</u>	WELL # <u>1-4</u>	LOCATION <u>OAKLEY 11E-41E-14S-E 22</u>			COUNTY <u>GOVE</u>	STATE <u>Ks</u>	
OLD OR <input checked="" type="checkbox"/> NEW (Circle one)							

CONTRACTOR Southwind Reg # 70 OWNER SAME

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4" T.D. 265' CEMENT

CASINO SIZE 8 3/4" DEPTH 265' AMOUNT ORDERED

TUBING SIZE DEPTH 175 SKS COM 3% CC 2 1/2 SET

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 15.92 BBL

COMMON 175 @ 17.20 3172.50

POZMIX @

OBL 3 SKS @ 23.40 70.20

CHLORIDE 2 SKS @ 64.20 128.40

ASC @

ASC @

ASC @

ASC @

ASC @

ASC @

ASC @

ASC @

ASC @

ASC @

HANDLING 189.50 @ 2.25 425.25

MILBAGE 816 TONS X 40X @ 260 212160

TOTAL 4948.55

SERVICE

DEPTH OF JOB 265'

PUMP TRUCK CHARGE 1512.25

EXTRA FOOTAGE @

MILBAGE 40 mi @ 7.20 288.00

MANIFOLD Head Rental @ 275 275.00

Light Vehicle 40 mi @ 4.40 176.00

TOTAL 2271.25

PLUG & FLOAT EQUIPMENT

1- wooden plug 107.64

TOTAL 107.64

SALES TAX (If Any) 293.39

TOTAL CHARGES 7322.47

DISCOUNT 2406.00 IF PAID IN 30 DAYS

Net 4916.47

PRINTED NAME Sam S. Taylor

SIGNATURE Sam S. Taylor

Bid 330

REMARKS:

Hook on to 8 3/4" casing, break

circulation, hook up to truck, mix

175 SKS COM 3% CC 2 1/2 SET, Displace

with 15.92 BBL water, slug in.

CEMENT JEL CONC.

Thank You

CHARGE TO: LARIO OIL & GAS, CO.

STREET

CITY STATE ZIP

To Allied Cementing Co., LLC.

You are hereby requested to rent cementing equipment

and furnish cementer and helper(s) to 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.

BIO SHEET



Date	9/26/12
Service Point	01000000000000000000
Manager	Terry Heinrich
Address	P.O. Box 27
	Dalton, KS 67748
Business Phone	785-672-3453
E-mail	terry.heinrich@alliedoil.com
Mobile	785-672-5076

Company	Land Oil & Gas Company	Prepared For	07750100000000000000	Well Data	FRACWORK		
Address	101 E. Main St	Title	00000000000000000000	Open Hole	25 3/4 x 2 1/2		
Address	Wichita, KS 67201	Business Phone	316-265-3611		Depth	10000	
Well Name	00000000000000000000	E-mail	00000000000000000000		L.D.	10000	
Lease	00000000000000000000	Mobile Phone	316-265-3611	Casing Size	25 3/4 x 2 1/2	Job Excess	10000
Field	00000000000000000000	Prepared By	00000000000000000000		Depth	10000	
County	00000000000000000000	Title	00000000000000000000		O.D.	10000	
State	00000000000000000000	Business Phone	316-265-3611		L.D.	10000	
Section	00000000000000000000	E-mail	00000000000000000000		Casing Weight	10000	
Township	00000000000000000000	Mobile Phone	316-265-3611		Thread	10000	
Range	00000000000000000000	Rig Contractor	00000000000000000000		Grade	10000	
API Number	00000000000000000000	Rig Name	00000000000000000000				
Proposal Title	00000000000000000000	Rig Phone	00000000000000000000				

	Units	UOM	Cost per Unit	Total	Unit	Net
EXHAUST Casing Pump Charge Dto 500	1.00	Per 500	\$1,512.25	\$ 1,512.25	\$ 1,013.21	\$1,013.21
	0.00		\$0.00	\$ -	\$ -	\$0.00
	0.00		\$0.00	\$ -	\$ -	\$0.00
	0.00		\$0.00	\$ -	\$ -	\$0.00
	0.00		\$0.00	\$ -	\$ -	\$0.00
Subtotal				\$ 1,512.25		\$1,013.21
WATER PUMP	1.00	Per 100	\$107.64	\$ 107.64	\$ 72.12	\$72.12
	0.00		\$0.00	\$ -	\$ -	\$0.00
	0.00		\$0.00	\$ -	\$ -	\$0.00
	0.00		\$0.00	\$ -	\$ -	\$0.00
	0.00		\$0.00	\$ -	\$ -	\$0.00
	0.00		\$0.00	\$ -	\$ -	\$0.00
Subtotal				\$ 107.64		\$72.12
CAC CLASS A COMMON	115.00	Per 100	\$17.50	\$ 2,012.50	\$ 1,159	\$1,098.74
CAC CLASS B COMMON	16.00	Per 100	\$64.00	\$ 1,024.00	\$ 42.88	\$257.28
PERM PERMUM DRI	3.00	Per 100	\$73.60	\$ 220.80	\$ 15.68	\$47.03
	0.00		\$0.00	\$ -	\$ -	\$0.00
	0.00		\$0.00	\$ -	\$ -	\$0.00
	0.00		\$0.00	\$ -	\$ -	\$0.00
	0.00		\$0.00	\$ -	\$ -	\$0.00
	0.00		\$0.00	\$ -	\$ -	\$0.00
Subtotal				\$ 3,556.70		\$2,401.09
DRUGS	188.50	Per 100	\$2.48	\$ 467.88	\$ 1.66	\$219.21
DRUGS	344.00	Per 100	\$2.60	\$ 894.40	\$ 1.74	\$599.75
HEAVY	60.00	Per 100	\$4.60	\$ 276.00	\$ 2.95	\$177.93
HEAVY	40.00	Per 100	\$7.70	\$ 308.00	\$ 5.18	\$206.36
Subtotal				\$ 1,846.28		\$1,213.67
GRAND TOTAL	1.00	Per 100	\$275.00	\$ 275.00	\$ 184.25	\$184.25
	0.00		\$0.00	\$ -	\$ -	\$0.00
Subtotal				\$ 275.00		\$184.25
Totals				\$ 7,317.47		\$4,909.40
DISCOUNT: Operations			\$33.04	(499.04)		
DISCOUNT: Equipment Sales			\$33.04	(135.52)		
DISCOUNT: Products			\$33.04	(1,183.65)		
DISCOUNT: Transport			\$33.04	(609.14)		
DISCOUNT: OTHER			\$33.04	(90.75)		
			Totals	(2,418.07)		





# INVOICE

PO Box 93999  
Southlake, TX 76092

Invoice Number: 133320  
Invoice Date: Oct 27, 2012  
Page: 1

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



*drilling AFE 12-289  
11-7-12 LK*

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

Customer ID	Well Name/# or Customer P.O.	Payment Terms	
Lario	Parsons B #1-4	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Oct 27, 2012	11/26/12

Quantity	Item	Description	Unit Price	Amount
575.00	MAT	ALW	15.95	9,171.25
145.00	MAT	Flo Seal	2.97	430.65
650.52	SER	Cubic Feet	2.48	1,613.29
1,071.20	SER	Ton Mileage ✓	2.60	2,785.12
1.00	SER	Production -- Top Stage	2,406.25	2,406.25
48.00	SER	Pump Truck Mileage -- No Charge		
1.00	SER	Manifold & Head Rental -- No Charge		
1.00	SER	Light Vehicle Mileage -- No Charge		
1.00	CEMENTER	Alan Ryan		
1.00	EQUIP OPER	Wayne McGhghy		
1.00	OPER ASSIST	Chris Helpingstine		
1.00	OPER ASSIST	Paul Beaver		

*Prod Coy*

*all HC*  
*all HC*  
*[Signature]*

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

**\$5578.23** ★

ONLY IF PAID ON OR BEFORE  
**Nov 21, 2012**

Subtotal	16,406.56
Sales Tax	772.95
Total Invoice Amount	17,179.51
Payment/Credit Applied	
<b>TOTAL</b>	<b>17,179.51</b>

# ALLIED OIL & GAS SERVICES, LLC 058801

Federal Tax I.D.# 20-6976804

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

SERVICE POINT: Dakley Ky

DATE <u>10/20/12</u>	SEC <u>3</u>	TWP. <u>13S</u>	RANGE <u>31W</u>	CALLED OUT	ON LOCATION	JOB START <u>2130</u>	JOB FINISH <u>8130</u>
EASE <u>Personnel Well #</u>	WELL # <u>1-4</u>	LOCATION <u>Dakley 11S 4E 1/2S E 1/4</u>			COUNTY <u>Laurel</u>	STATE <u>KY</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Southward 20

TYPE OF JOB Production 2 Stage Top

HOLE SIZE 7 7/8" TD.

CASING SIZE 4 1/2" 10 1/2" DEPTH

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL OV DEPTH 2896 92

RES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSO. \_\_\_\_\_

PERFS. \_\_\_\_\_

DISPLACEMENT 37 1/2 H<sub>2</sub>O

EQUIPMENT \_\_\_\_\_

OWNER Same

CEMENT AMOUNT ORDERED 575 ALW 1/4 FLO Seal

COMMON	@	_____	_____
POZMIX	@	_____	_____
OBL	@	_____	_____
CHLORIDE	@	_____	_____
ASC	@	_____	_____
ALW	@	<u>575</u>	<u>15.25 9171.25</u>
FLO Seal	@	<u>145 lb</u>	<u>2.22 437.65</u>
HANDLING	@	<u>650</u>	<u>2.48 1613.29</u>
MILEAGE	@	<u>26.8</u>	<u>2785.12</u>
		TOTAL	<u>14000.31</u>

PUMP TRUCK CEMENTER Alan Ryan

HELPER Wayne McElroy

BULK TRUCK DRIVER Chris Paul

BULK TRUCK DRIVER Helpingline

BULK TRUCK DRIVER Chris Paul

REMARKS:

max 305k RH max 545 8k ALW 1/4 FLO

max 4 1/2" tubing Displace Plug

2700 w/ 37 1/2 H<sub>2</sub>O @ 2000 PSI

Tool closed.

Cement did circulate

1071.20

SERVICE

DEPTH OF JOB	_____	_____
PUMP TRUCK CHARGE	<u>2 Stage</u>	<u>2406.25</u>
EXTRA FOOTAGE	@	_____
MILEAGE	<u>48 miles</u>	<u>n/c</u>
MANIFOLD	<u>1 Head</u>	<u>n/c</u>
CONCRETE	<u>400 lbs</u>	<u>n/c</u>
TOTAL		<u>2406.25</u>

CHARGE TO: Land Oil

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PLUG & FLOAT EQUIPMENT

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____

TOTAL \_\_\_\_\_

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

SALES TAX (if Any)	<u>772.95</u>
TOTAL CHARGES	<u>16,406.56</u>
DISCOUNT	<u>5578.23</u> IF PAID IN 30 DAYS

PRINTED NAME Jay Fletcher

SIGNATURE Jay Fletcher

Bid 3470

BID SHEET



Date	9/16/12
Service Point	Orley
Manager	Terry Helurukh
Address	P.O. Box 27 Orley, KS 67748
Business Phone	785-672-3452
E-mail	terry@alliedoil.com
Mobile	785-672-3452

Company	Ugo Oil & Gas Company	Prepared for	Jay Swisher	Well Data			
Address	3015 Quail	Title	Open Ergo	Open Hole	77#	Depth	4700'
Address	Wichita Kansas 67202	Business Phone	316-265-3611			I.D.	7.075'
Well Name	Wichita	E-mail	terry@alliedoil.com			Job Excess	25'
Lease	#1-4	Mobile Phone	316-265-3611	Casing Size	4 1/2"	Depth	4700'
Field		Prepared By	Terry Helurukh			O.D.	4.5"
County	Goetz	Title	Open Ergo			I.D.	4.051"
State	Kansas	Business Phone	316-265-3611			Casing Weight	10.5
Section	4	E-mail	terry@alliedoil.com			Thread	5TC
Township	11S	Mobile Phone	316-265-3611			Grade	155'
Range	11W	Rig Contractor	South Wood				
API Number		Rig Name	W70				
Proposed Title	Two Stage Production	Rig Phone					

	Units	UOM	Cost per Unit	Total	Unit	Net
CISO - Casing Pump Charge 4001' to 5000'	1.00	(for 6 hours)	\$2,765.75	\$ 2,765.75	\$ 1,825.40	\$1,825.40
	1.00	(for 6 hours)	\$2,406.25	\$ 2,406.25	\$ 1,588.13	\$1,588.13
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
Subtotal				\$ 5,172.00		\$3,413.53
Float Shoe	1.00	Each	\$382.59	\$ 382.59	\$ 252.51	\$252.51
Latch Down Plug	1.00	Each	\$272.61	\$ 272.61	\$ 179.92	\$179.92
Storage Collar	1.00	Each	\$4,811.60	\$ 4,811.60	\$ 3,188.86	\$3,188.86
Cement Basket	1.00	Each	\$394.21	\$ 394.21	\$ 260.18	\$260.18
Centralizer	9.00	Each	\$58.16	\$ 523.44	\$ 37.07	\$333.59
	0.00	Each	\$0.00	\$ -	\$ -	\$0.00
Subtotal				\$ 6,186.45		\$4,715.06
ASCA - ALLIED SPECIAL BLEND CMT.-CLASS A	175.00	per sack	\$20.90	\$ 3,657.50	\$ 13.79	\$2,413.95
ALC2A - ALLIED LT. VIT. CMT.-TYPE 1-CLASS A	575.00	per sack	\$16.50	\$ 9,487.50	\$ 10.89	\$6,261.75
FLSL - Flo Seal	145.00	per pound	\$2.97	\$ 430.65	\$ 1.96	\$284.23
GILS - Gilsonte	875.00	per pound	\$0.98	\$ 857.50	\$ 0.65	\$565.95
FL-160 - FL-160 Fluid Loss Additive 10-Temp	49.00	per pound	\$18.50	\$ 906.10	\$ 12.47	\$611.73
PDFP - Powdered Defoamer	24.00	per pound	\$9.80	\$ 235.20	\$ 6.47	\$155.23
SPFL - Super Flush	12.00	per lbbs	\$58.70	\$ 704.40	\$ 38.74	\$464.90
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
Subtotal				\$ 16,298.85		\$10,757.24
HOLD - Products handling service charge	862.60	per cu. ft.	\$2.48	\$ 2,139.25	\$ 1.64	\$1,411.90
DRYG - Drayage for products	1458.00	ton mile	\$2.60	\$ 3,790.80	\$ 1.72	\$2,501.03
MILV - Light Vehicle Mileage	40.00	per mile	\$4.40	\$ 176.00	\$ 2.90	\$116.16
HLHV - Heavy Vehicle Mileage	40.00	per mile	\$7.70	\$ 308.00	\$ 5.08	\$203.28
Subtotal				\$ 6,414.05		\$4,232.27
CAHD - Cementing Head Rental with Manifold	1.00	per day	\$275.00	\$ 275.00	\$ 181.50	\$181.50
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
Subtotal				\$ 275.00		\$181.50
Totals:				\$ 34,546.35		\$22,800.59
DISCOUNT: Operations			34.0%	(1,758.48)		
DISCOUNT: Equipment Sales			34.0%	(2,171.38)		
DISCOUNT: Products			34.0%	(5,541.61)		
DISCOUNT: Transport			34.0%	(2,180.78)		
DISCOUNT: OTHER			34.0%	(93.50)		
			Total	(11,745.76)		



# INVOICE

PO Box 93999  
Southlake, TX 76092

Invoice Number: 133318  
Invoice Date: Oct 27, 2012  
Page: 1

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



*drilling AFE 12-289  
11-7-12 LS*

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

Customer ID	Well Name/# or Customer P.O.	Payment Terms	
Lario	Parsons B #1-4	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Oct 27, 2012	11/26/12

Quantity	Item	Description	Unit Price	Amount
180.00	MAT	ASC	20.90	3,762.00
42.00	MAT	Defoamer	9.80	411.60
56.00	MAT	FL-160	18.90	1,058.40
12.00	MAT	WFR-2	58.70	704.40
232.06	SER	Cubic Feet	2.48	575.53
401.60	SER	Ton Mileage	2.60	1,044.16
1.00	SER	Production -- Bottom Stage	2,765.75	2,765.75
40.00	SER	Pump Truck Mileage	7.70	308.00
1.00	SER	Manifold Rental	275.00	275.00
40.00	SER	Light Vehicle Mileage	4.40	176.00
1.00	EQP	4.5 D V Tool	4,831.60	4,831.60
1.00	EQP	4.5 Latch Down Assembly	272.01	272.01
1.00	EQP	4.5 Float Shoe	382.59	382.59
1.00	EQP	4.5 Basket	394.71	394.71
9.00	EQP	4.5 Centralizer	56.16	505.44
1.00	CEMENTER	Alan Ryan		
1.00	EQUIP OPER	Wayne McGhghy		
1.00	OPER ASSIST	Chris Helpingstine		
1.00	OPER ASSIST	Paul Beaver		

*Prod Log*

*all  
7c*

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

**\$5938.87**

ONLY IF PAID ON OR BEFORE  
**Nov 21, 2012**

Subtotal	17,467.19
Sales Tax	991.98
Total Invoice Amount	18,459.17
Payment/Credit Applied	
<b>TOTAL</b>	<b>18,459.17</b>



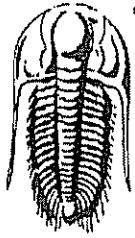
BID SHEET



Date	9/28/11
Service Point:	Dakley
Manager	Terry Hahnck
Address	P.O. Box 27 Dakley, MS 38724
Business Phone	781-672-3157
E-mail	thahnck@alliedoil.com
Mobile	781-672-3157

Company			Well Data				
Company	U&G Oil & Gas Company	Prepared For	Jay Schickert	Open Hole	770	Depth	4700
Address	301 S. Market	Title	Open Engr.			L.O.	7.875'
Address	Woburn, MA 01801	Business Phone:	316-265-3611			Job Extra	25'
Well Name	Patton's B	E-mail:	jay@schickert.com	Casing Size	4 1/2"	Depth	4700'
Lease	#1-4	Mobile Phone:				O.D.	4.5'
Field		Prepared By:	Neal Rupp			I.D.	4.037'
County	Govt	Title:	Lease & Field Op. Manager			Casing Weight	30.5
State	Kansas	Business Phone:	316-260-3333			Thread	STC
Section	4	E-mail:	nealrupp@schickert.com			Grade	1-55
Township	13N	Mobile Phone:	316-260-1057				
Range	31W	Rig Contractor	South Wind				
API Number		Rig Name	870				
Proposal Title:	Two-Stage Production	Rig Phone					

	Units	UOM	Cost per Unit	Total	Unit	
					Net	Net
CISO - Casing Pump Charge 400' to 500'	1.00	(for 6 hours)	\$2,765.75	\$ 2,765.75	\$ 1,815.40	\$1,815.40
	1.00	(for 6 hours)	\$2,406.25	\$ 2,406.25	\$ 1,548.11	\$1,548.11
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
Subtotal				\$ 5,172.00		\$3,413.51
Float Shoe	1.00	Each	\$382.59	\$ 382.59	\$ 252.51	\$130.08
Latch Down Plug	1.00	Each	\$272.61	\$ 272.61	\$ 179.92	\$92.69
Stage Collar	1.00	Each	\$4,831.60	\$ 4,831.60	\$ 3,188.86	\$1,642.74
Cement Basket	1.00	Each	\$391.21	\$ 391.21	\$ 260.18	\$131.03
Centraizer	9.00	Each	\$56.16	\$ 505.44	\$ 32.07	\$283.33
	0.00	Each	\$0.00	\$ -	\$ -	\$0.00
Subtotal				\$ 6,386.43		\$4,115.06
ASCA - ALLIED SPECIAL BLEND CMT.-CLASS A	175.00	per sack	\$20.50	\$ 3,587.50	\$ 13.79	\$2,403.71
ALCTA - ALLIED LT. VIT. CMT.-TYPE 1-CLASS A	575.00	per sack	\$16.50	\$ 9,487.50	\$ 10.89	\$6,261.75
FLSL - flo Seal	145.00	per pound	\$4.97	\$ 720.65	\$ 1.93	\$284.23
GILS - Glycerite	875.00	per pound	\$0.98	\$ 857.50	\$ 0.65	\$565.95
FL-160 - FL-160 Fluidloss Additive II-Temp	49.00	per pound	\$18.90	\$ 926.10	\$ 12.47	\$611.23
PDEF - Powdered Defoamer	24.00	per pound	\$9.80	\$ 235.20	\$ 6.47	\$155.13
SPJL - Super Flush	12.00	per bbl	\$58.70	\$ 704.40	\$ 28.74	\$346.90
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
Subtotal				\$ 16,293.65		\$10,737.74
HOTG - Products handling service charge	862.60	per cu. ft.	\$2.48	\$ 2,139.25	\$ 1.64	\$1,411.50
DRYG - Dryage for products	1458.00	ton mile	\$2.60	\$ 3,790.80	\$ 1.72	\$2,501.93
AMLV - Light Vehicle Mileage	40.00	per mile	\$4.40	\$ 176.00	\$ 2.60	\$116.16
HMV - Heavy Vehicle Mileage	40.00	per mile	\$7.70	\$ 308.00	\$ 5.03	\$203.28
Subtotal				\$ 6,411.05		\$4,233.27
CALHD - Cementing Head Rental with Manifolds	1.00	per day	\$275.00	\$ 275.00	\$ 181.50	\$181.50
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
Subtotal				\$ 275.00		\$181.50
Totals				\$ 31,545.35		\$27,800.59
DISCOUNT: Operations			34.0%	(1,758.48)		
DISCOUNT: Equipment Sales			34.0%	(2,171.39)		
DISCOUNT: Products			34.0%	(5,541.61)		
DISCOUNT: Transport			34.0%	(2,180.78)		
DISCOUNT: Other			34.0%	(93.50)		
			Total	(11,745.76)		



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Lario Oil & Gas Company

4-14s-31w-Gove KS

301 S Market  
Wichita KS 67202

Parson B #1-14

Job Ticket: 49826

DST#: 1

ATTN: Steve Davis

Test Start: 2012.10.17 @ 16:54:11

## GENERAL INFORMATION:

Formation: **Toronto**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:56:26

Time Test Ended: 01:56:41

Interval: 3932.00 ft (KB) To 3978.00 ft (KB) (TVD)

Total Depth: 3978.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Initial)

Tester: Tate Lang

Unit No: 40

Reference Elevations: 2938.00 ft (KB)

2926.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 8360

Inside

Press@RunDepth: 311.33 psig @ 3933.00 ft (KB)

Start Date: 2012.10.17

End Date: 2012.10.18

Start Time: 16:54:16

End Time: 01:56:41

Capacity: 8000.00 psig

Last Calib.: 2012.10.18

Time On Btm: 2012.10.17 @ 19:55:56

Time Off Btm: 2012.10.17 @ 22:59:56

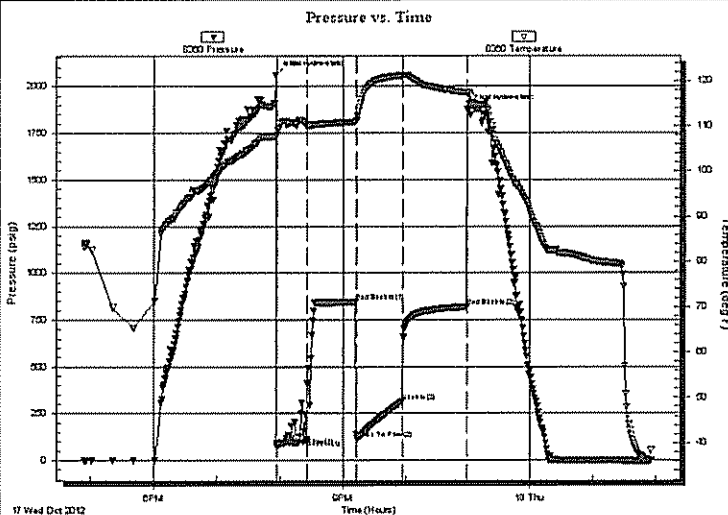
TEST COMMENT: IF-Slid 20'-B.O.B. 30sec. Died Back To 5 1/2in.

IS-Dead No Return

FF-B.O.B. 10mins

FSI-Dead No Return

## PRESSURE SUMMARY



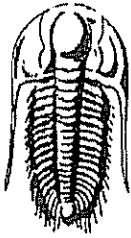
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2061.79	107.85	Initial Hydro-static
1	74.28	107.89	Open To Flow (1)
30	111.81	110.13	Shut-In(1)
77	845.59	110.99	End Shut-In(1)
78	114.17	111.40	Open To Flow (2)
122	311.33	121.23	Shut-In(2)
184	819.41	117.45	End Shut-In(2)
184	1879.23	117.62	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
102.00	100%M	1.43
496.00	15%M 85%W	6.96

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

4-14s-31w-Gove KS

301 S Market  
Wichita KS 67202

Parson B #1-14

Job Ticket: 49826

DST#: 1

ATTN: Steve Davis

Test Start: 2012.10.17 @ 16:54:11

## Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 48.00 sec/qt  
Water Loss: 9.56 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 2000.00 ppm  
Filter Cake: 1.00 inches

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

Oil API: deg API  
Water Salinity: 75000 ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
102.00	100%M	1.431
496.00	15%M 85%W	6.958

Total Length: 598.00 ft      Total Volume: 8.389 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

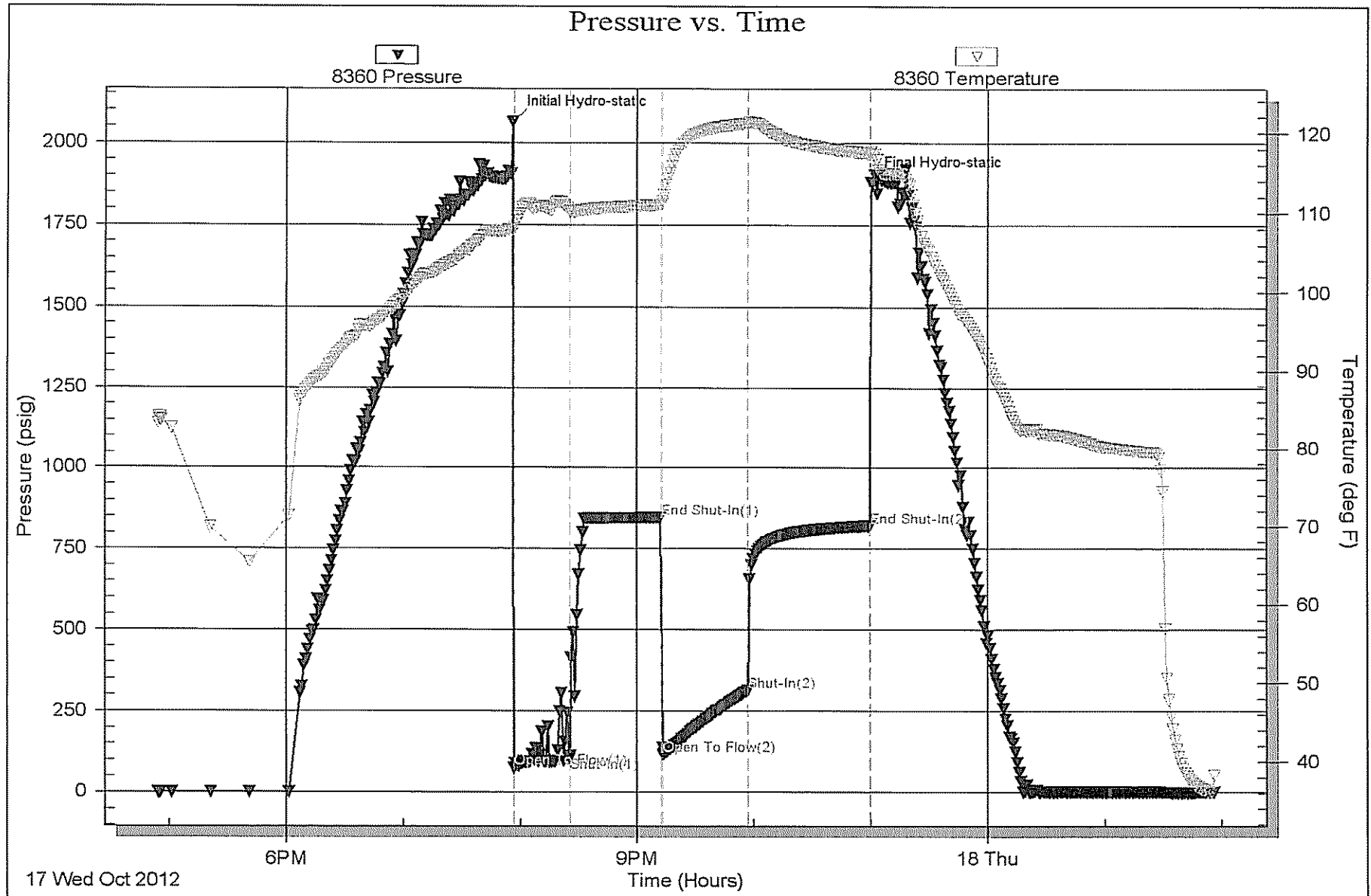
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API RW-190-42







**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Lario Oil & Gas Company

4-14s-31w-Gove KS

301 S Market  
Wichita KS 67202

Parson B # 1-4

Job Ticket: 50219

DST#: 2

ATTN: Steve Davis

Test Start: 2012.10.19 @ 10:26:00

## GENERAL INFORMATION:

Formation: LKC " D "

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:10:10

Time Test Ended: 18:50:54

Test Type: Conventional Bottom Hole (Reset)

Tester: Will MacLean

Unit No: 40

Interval: 4046.00 ft (KB) To 4070.00 ft (KB) (TVD)

Total Depth: 4070.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2938.00 ft (KB)

2926.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 8360

Inside

Press@RunDepth: 28.02 psig @ 4047.00 ft (KB)

Start Date: 2012.10.19

End Date:

2012.10.19

Capacity: 8000.00 psig

Last Calib.: 2012.10.19

Start Time: 10:26:00

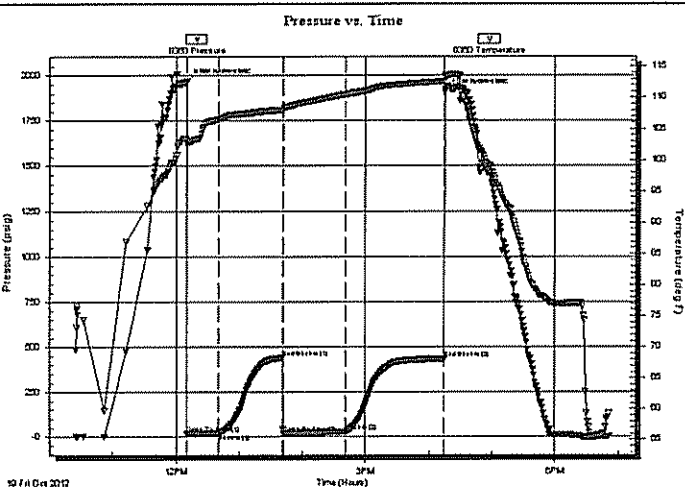
End Time:

18:50:54

Time On Blm: 2012.10.19 @ 12:09:55

Time Off Blm: 2012.10.19 @ 16:15:09

TEST COMMENT: IF- Weak Surface Blow Built to 1 1/4"  
IS- No Blow  
FF- Weak Surface Blow Built to BOB in 57min  
FS- No Blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1967.73	103.45	Initial Hydro-static
1	17.78	102.70	Open To Flow (1)
31	18.78	106.51	Shut-In(1)
92	440.84	107.99	End Shut-In(1)
92	15.98	107.74	Open To Flow (2)
152	28.02	110.48	Shut-In(2)
245	433.05	112.60	End Shut-In(2)
246	1909.48	113.46	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
28.00	GOCM 5%g 41%oil 54%m	0.39
3.00	GO 3%g 97%oil	0.04
0.00	279' of GIP	0.00

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE**  
TESTING, INC.

## DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

4-14s-31w-Gove KS

301 S Market  
Wichita KS 67202

Parson B # 1-4

Job Ticket: 50219

DST#: 2

ATTN: Steve Davis

Test Start: 2012.10.19 @ 10:26:00

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
28.00	GOCM 5%g 41%oil 54%m	0.393
3.00	GO 3%g 97%oil	0.042
0.00	279' of GIP	0.000

Total Length: 31.00 ft      Total Volume: 0.435 bbl

Num Fluid Samples: 0

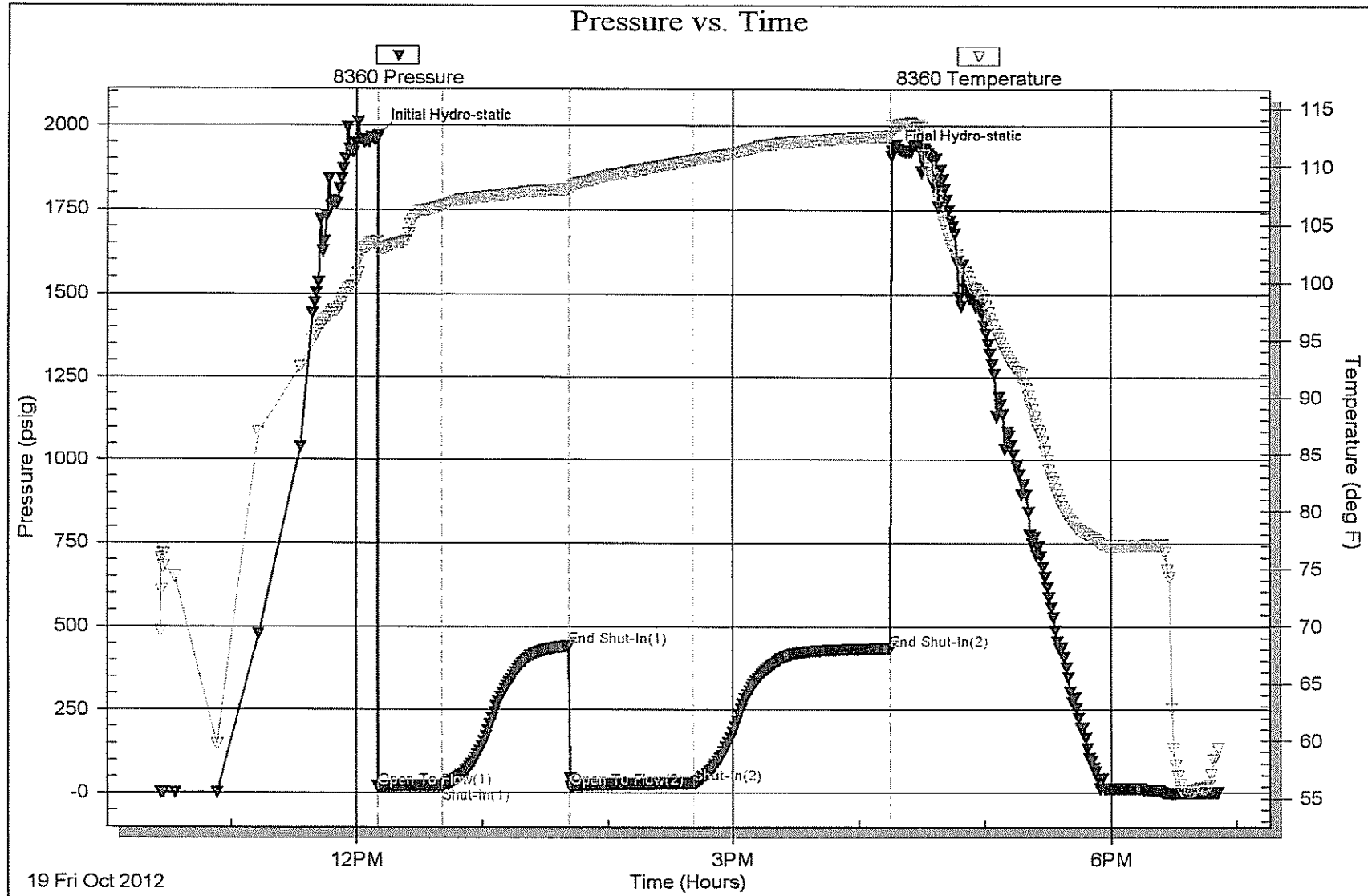
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Lario Oil & Gas Company

4-14s-31w-Gove KS

301 S Market  
Wichita KS 67202

Parson B # 1-4

Job Ticket: 50220

DST#: 3

ATTN: Steve Davis

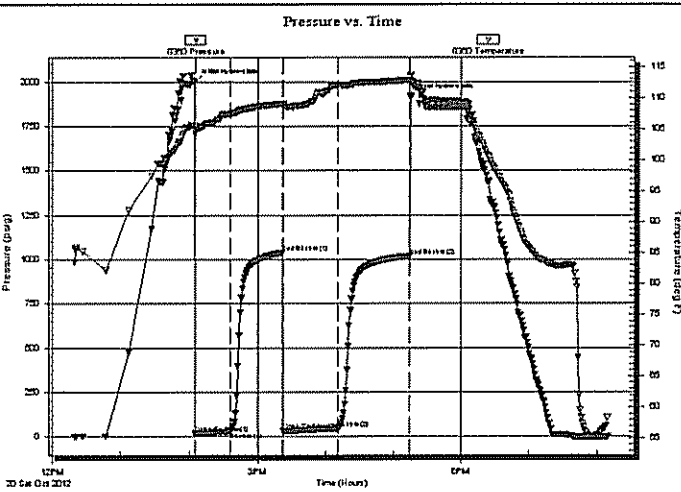
Test Start: 2012.10.20 @ 12:20:00

## GENERAL INFORMATION:

Formation: LKC "H-1"  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 14:05:10  
 Time Test Ended: 20:09:39  
 Interval: 4124.00 ft (KB) To 4190.00 ft (KB) (TVD)  
 Total Depth: 4190.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Will MacLean  
 Unit No: 40  
 Reference Elevations: 2938.00 ft (KB)  
 2926.00 ft (CF)  
 KB to GR/CF: 12.00 ft

Serial #: 8360 Inside  
 Press@RunDepth: 44.45 psig @ 4125.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2012.10.20 End Date: 2012.10.20 Last Calib.: 2012.10.20  
 Start Time: 12:20:00 End Time: 20:09:39 Time On Btm: 2012.10.20 @ 14:04:55  
 Time Off Btm: 2012.10.20 @ 17:14:54

TEST COMMENT: IF- Weak Surface Blow Built to 2 1/4"  
 IS- No Blow  
 FF- Weak Surface Blow Built to 1 3/4"  
 FS- No Blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2000.23	105.58	Initial Hydro-static
1	17.30	104.27	Open To Flow (1)
32	29.48	107.46	Shut-In(1)
77	1037.23	109.08	End Shut-In(1)
78	31.13	108.62	Open To Flow (2)
126	44.45	112.16	Shut-In(2)
190	1018.14	112.85	End Shut-In(2)
190	1916.82	113.30	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	100% m with Skim of Oil on Top	0.84

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

4-14s-31w-Gove KS

301 S Market  
Wichita KS 67202

Parson B # 1-4

Job Ticket: 50220

DST#: 3

ATTN: Steve Davis

Test Start: 2012.10.20 @ 12:20:00

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.78 in<sup>3</sup>

Gas Cushion Type:

Gas Cushion Pressure:

psig

Resistivity: ohm.m

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbf
60.00	100% m with Skim of Oil on Top	0.842

Total Length: 60.00 ft      Total Volume: 0.842 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

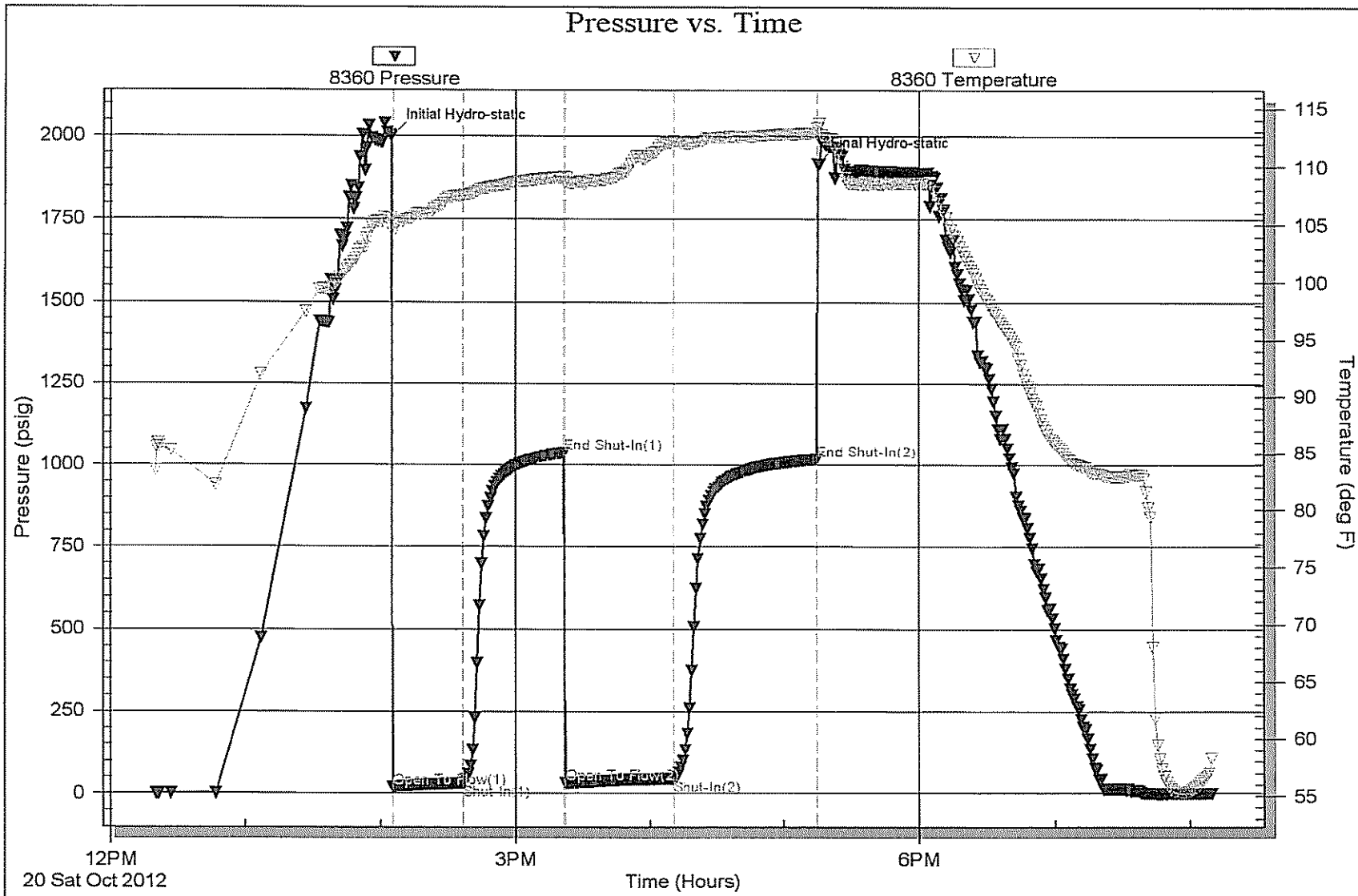
Recovery Comments:

Serial #: 8360

Inside Lario Oil & Gas Company

Parson B# 1-4

DST Test Number: 3





**TRILOBITE TESTING, INC.**

## DRILL STEM TEST REPORT

Lario Oil & Gas Company

4-14s-31w-Gove KS

301 S Market  
Wichita KS 67202

Parsons B # 1-4

Job Ticket: 50221

DST#: 4

ATTN: Steve Davis

Test Start: 2012.10.21 @ 10:34:00

### GENERAL INFORMATION:

Formation: LKC " K "

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:26:40

Time Test Ended: 17:52:54

Test Type: Conventional Bottom Hole (Reset)

Tester: Will MacLean

Unit No: 40

Interval: 4212.00 ft (KB) To 4245.00 ft (KB) (TVD)

Reference Elevations: 2938.00 ft (KB)

Total Depth: 4245.00 ft (KB) (TVD)

2926.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 12.00 ft

Serial #: 8360

Inside

Press@RunDepth: 135.95 psig @ 4213.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.10.21

End Date:

2012.10.21

Last Calib.: 2012.10.21

Start Time: 10:34:00

End Time:

17:52:54

Time On Btm: 2012.10.21 @ 12:26:10

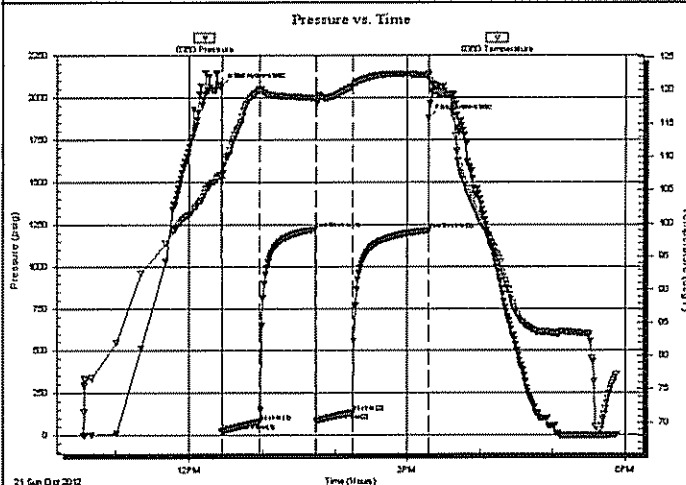
Time Off Btm: 2012.10.21 @ 15:17:39

TEST COMMENT: IF- Weak Surface Blow Built to BOB in 24min

IS- No Blow

FF- Weak Surface Blow Built to 9 1/2"

FS- No Blow



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2065.71	107.27	Initial Hydro-static
1	24.33	106.56	Open To Flow (1)
32	82.20	120.13	Shut-in(1)
78	1222.72	118.82	End Shut-In(1)
79	85.60	118.14	Open To Flow (2)
109	135.95	120.62	Shut-In(2)
171	1213.91	122.26	End Shut-In(2)
172	1879.76	122.64	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
62.00	MCW 4% m 96% w	0.87
124.00	MCW 25% m 75% w	1.74
72.00	MCW 39% m 61% w	1.01

\* Recovery from multiple tests

### Gas Rates

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





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

4-14s-31w-Gove KS

301 S Market  
Wichita KS 67202

Parsons B # 1-4

Job Ticket: 50221

DST#: 4

ATTN: Steve Davis

Test Start: 2012.10.21 @ 10:34:00

### 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:

49000 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.18 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2400.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbf
62.00	MCW 4% <i>m</i> 96% <i>w</i>	0.870
124.00	MCW 25% <i>m</i> 75% <i>w</i>	1.739
72.00	MCW 39% <i>m</i> 61% <i>w</i>	1.010

Total Length: 258.00 ft      Total Volume: 3.619 bbf

Num Fluid Samples: 0

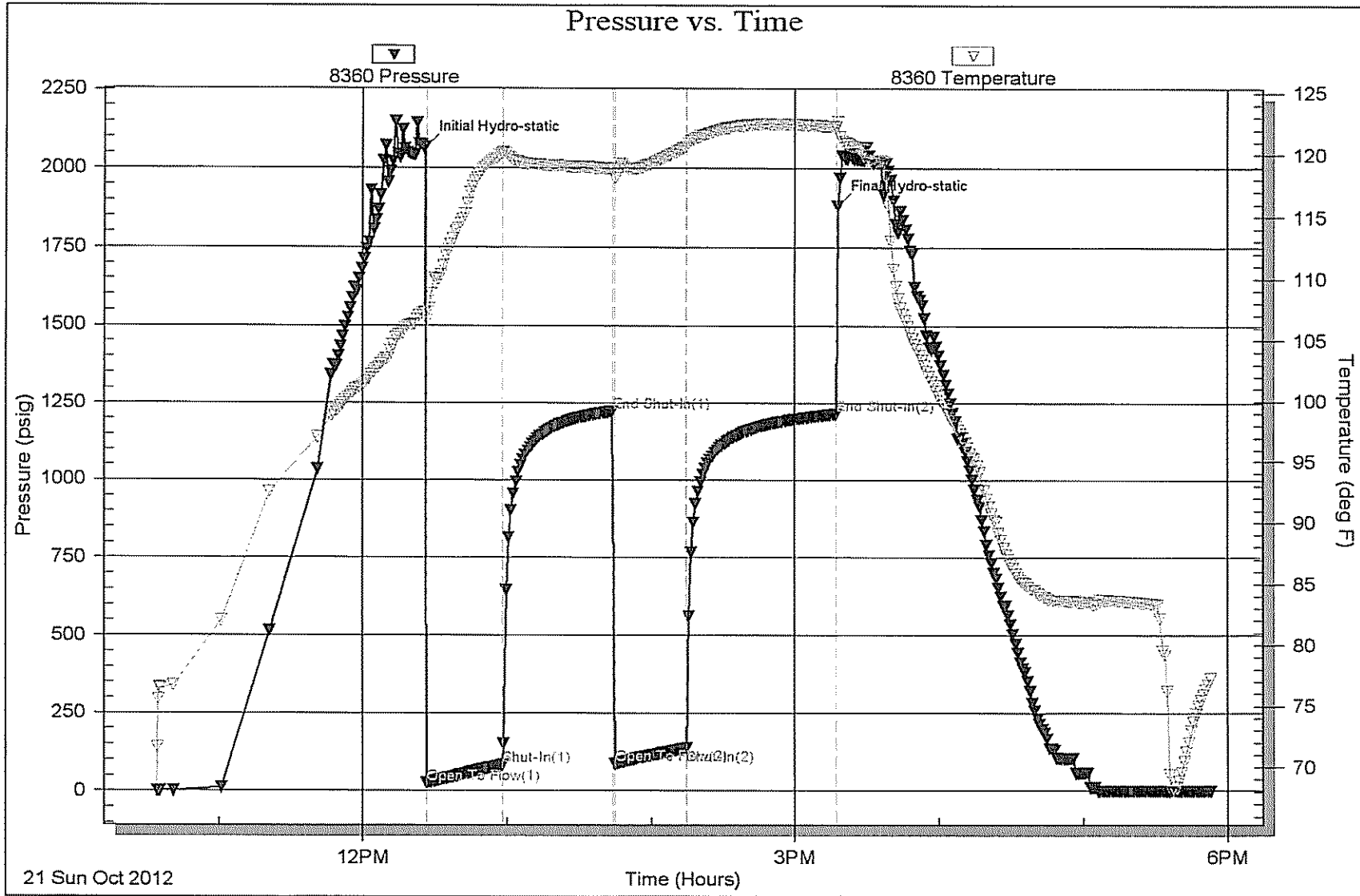
Num Gas Bombs: 0

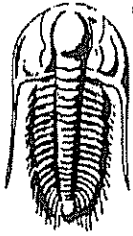
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW is .134 @ 79f = 49000





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TESTING, INC.**

# DRILL STEM TEST REPORT

Lario Oil & Gas Company

4-14s-31w-Gove KS

301 S Market  
Wichita KS 67202

Parsons B # 1-4

Job Ticket: 50222

DST#: 5

ATTN: Steve Davis

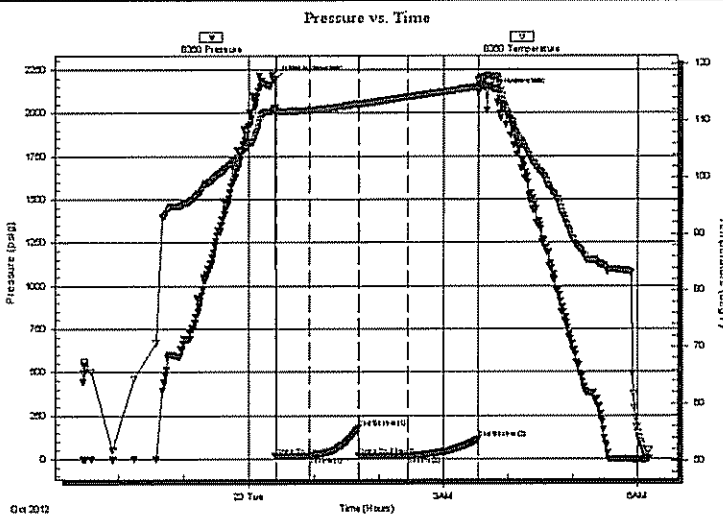
Test Start: 2012.10.22 @ 21:28:00

## GENERAL INFORMATION:

Formation: **Ft. Scott**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 00:24:40  
 Time Test Ended: 06:11:25  
 Interval: **4432.00 ft (KB) To 4468.00 ft (KB) (TVD)**  
 Total Depth: 3978.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Will MacLean  
 Unit No: 40  
 Reference Elevations: 2938.00 ft (KB)  
 2926.00 ft (CF)  
 KB to GR/CF: 12.00 ft

Serial #: **8360** Inside  
 Press@RunDepth: 19.54 psig @ 4433.00 ft (KB)  
 Start Date: 2012.10.22 End Date: 2012.10.23  
 Start Time: 21:28:00 End Time: 06:11:25  
 Capacity: 8000.00 psig  
 Last Calib.: 2012.10.23  
 Time On Btm: 2012.10.23 @ 00:24:25  
 Time Off Btm: 2012.10.23 @ 03:32:54

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



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2193.70	112.22	Initial Hydro-static
1	18.03	111.33	Open To Flow (1)
31	19.36	111.84	Shut-In(1)
77	177.52	112.96	End Shut-In(1)
77	18.79	112.89	Open To Flow (2)
123	19.54	114.17	Shut-In(2)
189	113.85	115.98	End Shut-In(2)
189	2116.77	116.99	Final Hydro-static

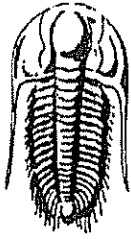
## Recovery

Length (ft)	Description	Volume (bbl)
2.00	100% mud	0.03

## Gas Rates

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

\* Recovery from multiple tests



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

4-14s-31w-Gove KS

301 S Market  
Wichita KS 67202

Parsons B # 1-4

Job Ticket: 50222

DST#: 5

ATTN: Steve Davis

Test Start: 2012.10.22 @ 21:28:00

## Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 55.00 sec/qt  
Water Loss: 8.78 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 28000.00 ppm  
Filter Cake: 1.00 inches

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

Oil API: deg API  
Water Salinity: ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	100% mud	0.028

Total Length: 2.00 ft      Total Volume: 0.028 bbl

Num Fluid Samples: 0

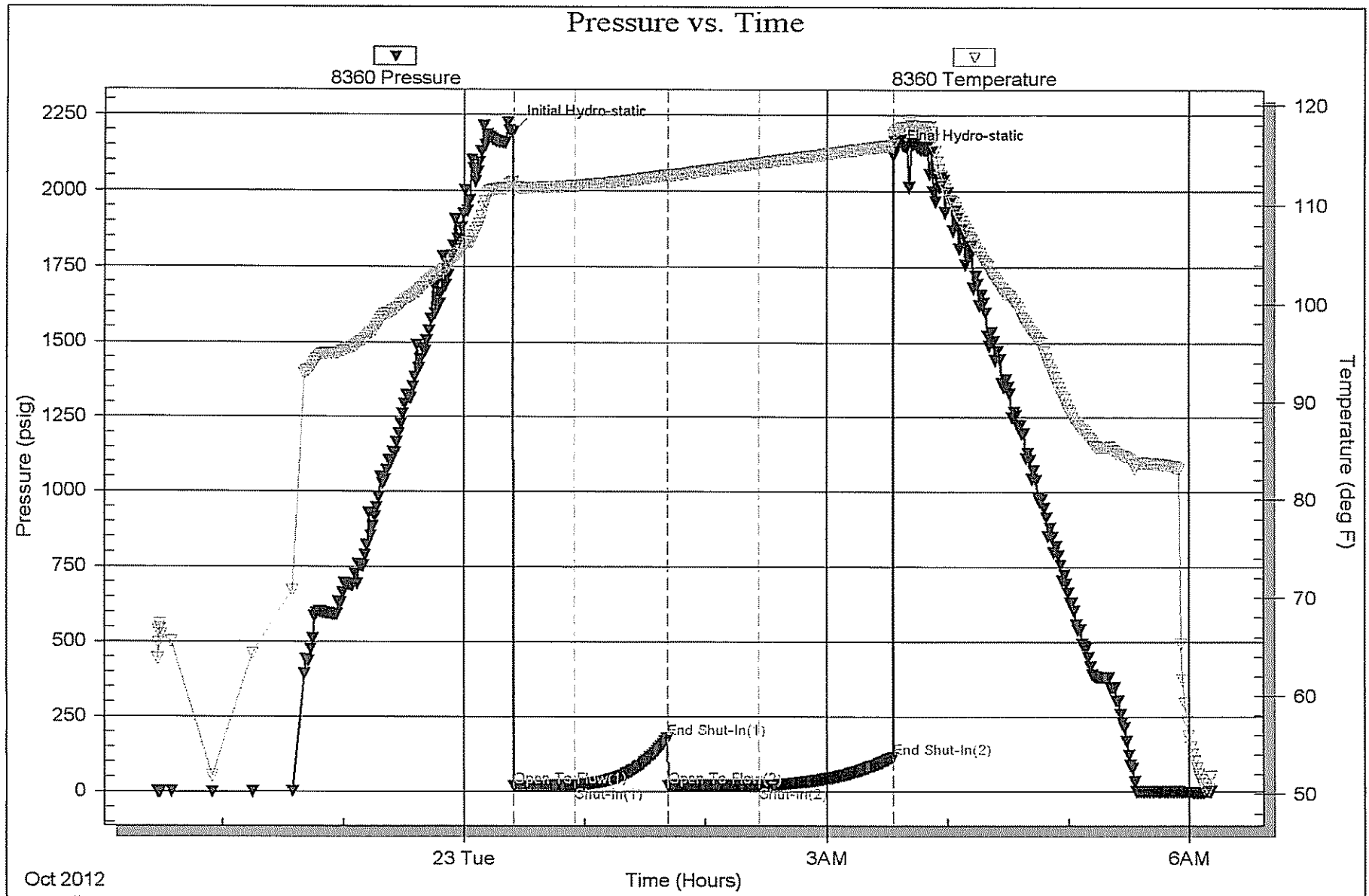
Num Gas Bombs: 0

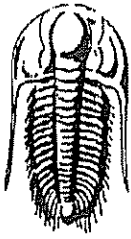
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Lario Oil & Gas Company

4-14s-31w-Gove KS

301 S Market  
Wichita KS 67202

Parsons B # 1-4

Job Ticket: 50223

DST#: 6

ATTN: Steve Davis

Test Start: 2012.10.23 @ 17:00:00

## GENERAL INFORMATION:

Formation: **Cherokee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:32:25

Time Test Ended: 01:26:09

Test Type: Conventional Bottom Hole (Reset)

Tester: Will MacLean

Unit No: 40

Interval: 4458.00 ft (KB) To 4500.00 ft (KB) (TVD)

Reference Elevations: 2938.00 ft (KB)

Total Depth: 4500.00 ft (KB) (TVD)

2926.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 12.00 ft

Serial #: 8360 Inside

Press@RunDepth: 19.73 psig @ 4459.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.10.23

End Date:

2012.10.24

Last Calib.: 2012.10.24

Start Time: 17:00:00

End Time:

01:26:09

Time On Btm: 2012.10.23 @ 19:32:10

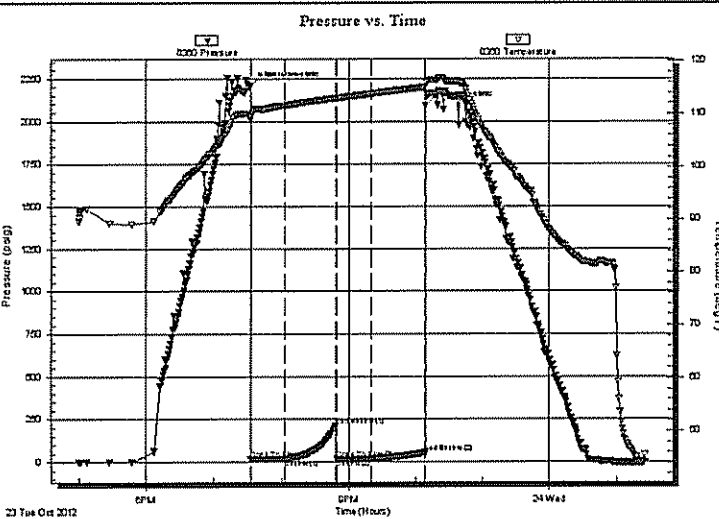
Time Off Btm: 2012.10.23 @ 22:08:54

TEST COMMENT: IF- Weak Surface Blow Died in 24min

IS- No Blow

FF- No Blow

FS- No Blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2209.26	109.23	Initial Hydro-static
1	18.26	108.84	Open To Flow (1)
32	19.50	111.55	Shut-In(1)
77	213.05	113.02	End Shut-In(1)
78	19.59	112.95	Open To Flow (2)
108	19.73	113.84	Shut-In(2)
157	56.10	115.09	End Shut-In(2)
157	2091.14	116.08	Final Hydro-static

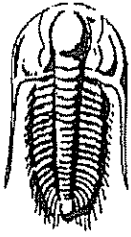
## Recovery

Length (ft)	Description	Volume (bbl)
4.00	100% mud with Skim of Oil on Top	0.06

## Gas Rates

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

\* Recovery from multiple tests



**TRILOBITE**  
**TESTING, INC.**

# DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

4-14s-31w-Gove KS

301 S Market  
Wichita KS 67202

Parsons B # 1-4

Job Ticket: 50223

DST#: 6

ATTN: Steve Davis

Test Start: 2012.10.23 @ 17:00:00

## Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 59.00 sec/qt  
Water Loss: 8.38 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 3000.00 ppm  
Filter Cake: 1.00 inches

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

Oil API: deg API  
Water Salinity: ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
4.00	100% mud with Skim of Oil on Top	0.056

Total Length: 4.00 ft      Total Volume: 0.056 bbl

Num Fluid Samples: 0

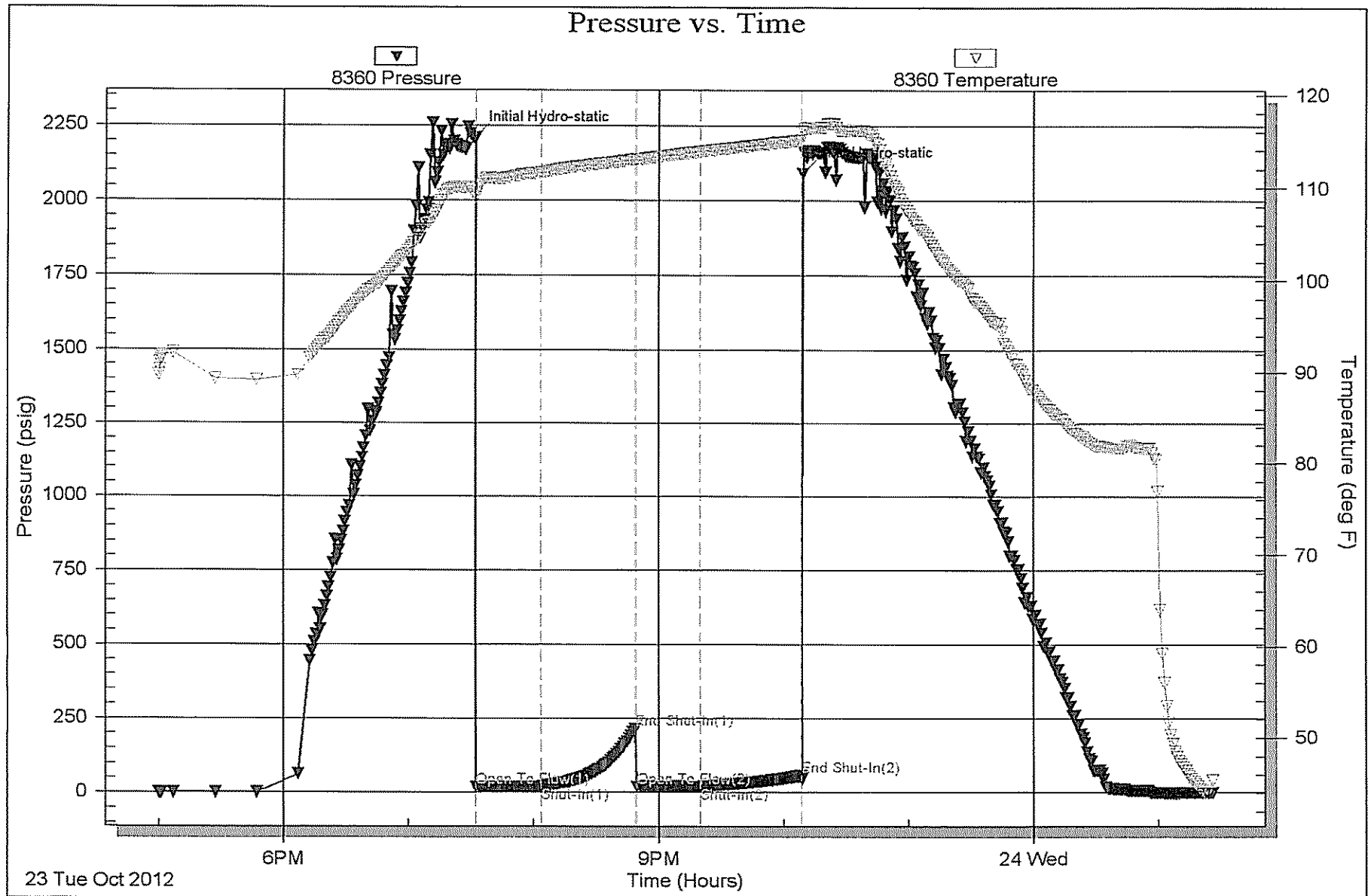
Num Gas Bombs: 0

Serial #:

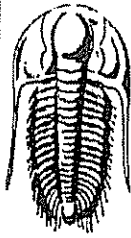
Laboratory Name:

Laboratory Location:

Recovery Comments:







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TESTING, INC.**

# DRILL STEM TEST REPORT

Lario Oil & Gas Company

4-14s-31w-Gove KS

301 S Market  
Wichita KS 67202

Parsons B # 1-4

Job Ticket: 50224

DST#: 7

ATTN: Steve Davis

Test Start: 2012.10.24 @ 15:00:00

## GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:16:55

Time Test Ended: 23:34:10

Interval: 4518.00 ft (KB) To 4562.00 ft (KB) (TVD)

Total Depth: 4562.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Reset)

Tester: Will MacLean

Unit No: 40

Reference Elevations: 2938.00 ft (KB)

2926.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 8360

Inside

Press@RunDepth: 57.52 psig @ 4519.00 ft (KB)

Start Date: 2012.10.24

End Date: 2012.10.24

Start Time: 15:00:00

End Time: 23:34:10

Capacity: 8000.00 psig

Last Calib.: 2012.10.24

Time On Btm: 2012.10.24 @ 17:16:40

Time Off Btm: 2012.10.24 @ 21:04:24

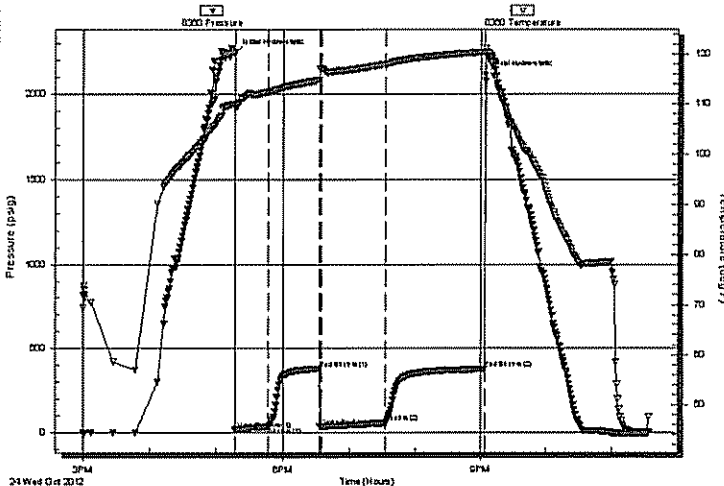
TEST COMMENT: IF- Weak Surface Blow Built to 3 3/4"

IS- No Blow

FF- Weak Surface Blow Built to 8"

FS- No Blow

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2240.67	110.01	Initial Hydro-static
1	18.18	109.11	Open To Flow (1)
31	35.33	112.43	Shut-In(1)
76	379.74	114.78	End Shut-In(1)
78	37.01	117.15	Open To Flow (2)
137	57.52	118.03	Shut-In(2)
227	377.36	120.44	End Shut-In(2)
228	2110.47	121.23	Final Hydro-static

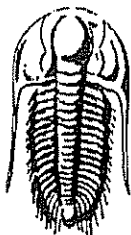
## Recovery

Length (ft)	Description	Volume (bbl)
62.00	OGCM 1%oil 2%g 97%m	0.87
29.00	OGCM 2%oil 4%g 96%m	0.41
2.00	GO 2%g 98%oil	0.03
0.00	155' of GIP	0.00

## Gas Rates

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

\* Recovery from multiple tests



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

4-14s-31w-Gove KS

301 S Market  
Wichita KS 67202

Parsons B # 1-4

Job Ticket: 50224

DST#: 7

ATTN: Steve Davis

Test Start: 2012.10.24 @ 15:00:00

## Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 55.00 sec/qt

Water Loss: 8.76 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 3200.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: ppm

deg API

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	OGCM 1%oil 2%g 97%m	0.870
29.00	OGCM 2%oil 4%g 96%m	0.407
2.00	GO 2%g 98%oil	0.028
0.00	155' of GIP	0.000

Total Length: 93.00 ft      Total Volume: 1.305 bbl

Num Fluid Samples: 0

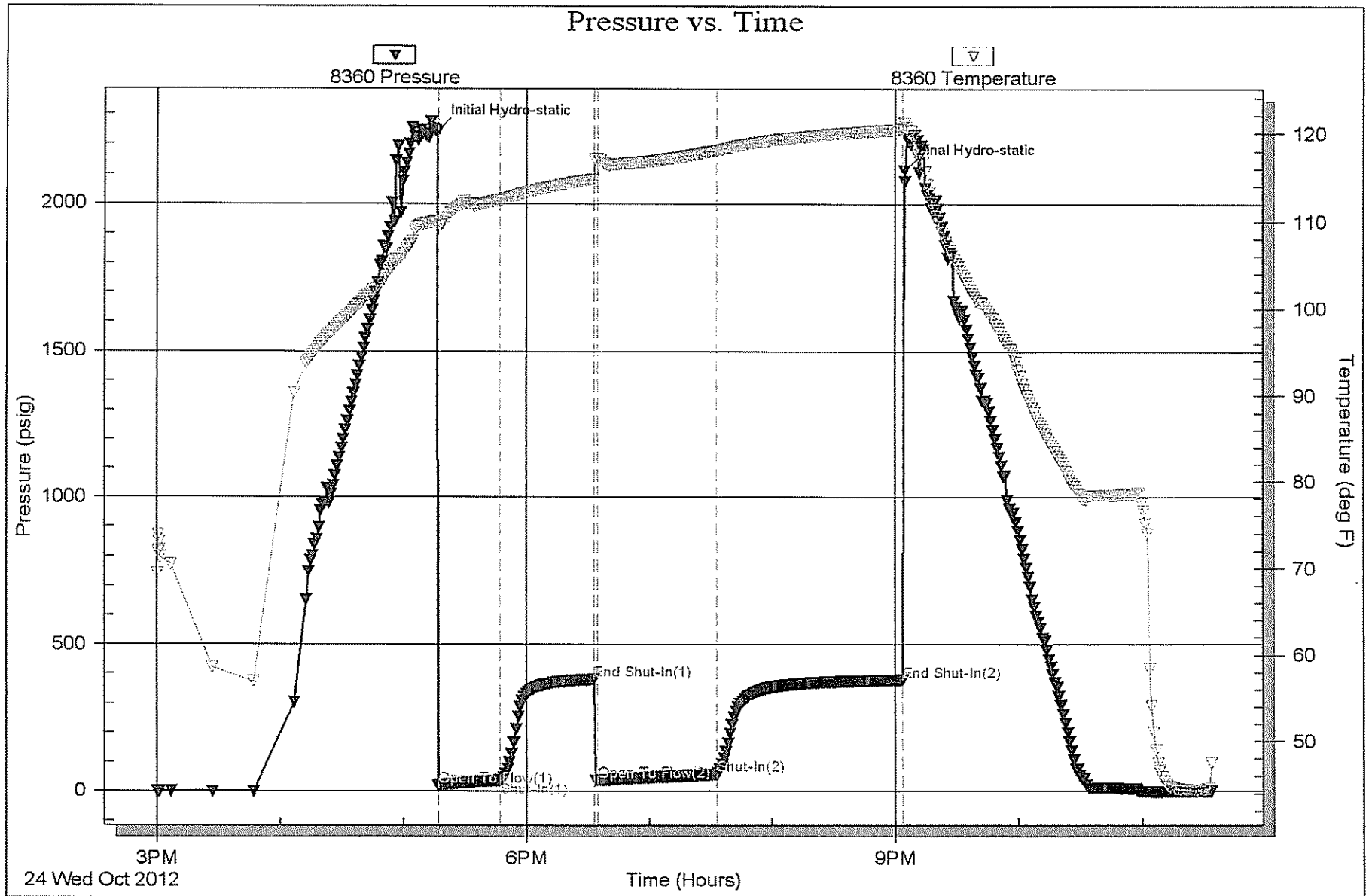
Num Gas Bombs: 0

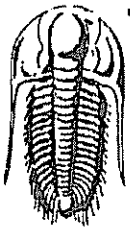
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Lario Oil & Gas Company

4-14s-31w-Gove KS

301 S Market  
Wichita KS 67202

Parsons B # 1-4

Job Ticket: 50225

DST#: 8

ATTN: Steve Davis

Test Start: 2012.10.25 @ 12:14:00

## GENERAL INFORMATION:

Formation: **Morrow Sands**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:11:25

Time Test Ended: 21:11:25

Test Type: Conventional Bottom Hole (Reset)

Tester: Will MacLean

Unit No: 40

Interval: 4555.00 ft (KB) To 4620.00 ft (KB) (TVD)

Total Depth: 4620.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2938.00 ft (KB)

2926.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 8360 Inside

Press@RunDepth: 65.25 psig @ 4556.00 ft (KB)

Start Date: 2012.10.25

End Date:

2012.10.25

Start Time: 12:14:00

End Time:

21:11:25

Capacity: 8000.00 psig

Last Calib.: 2012.10.25

Time On Btm: 2012.10.25 @ 14:11:10

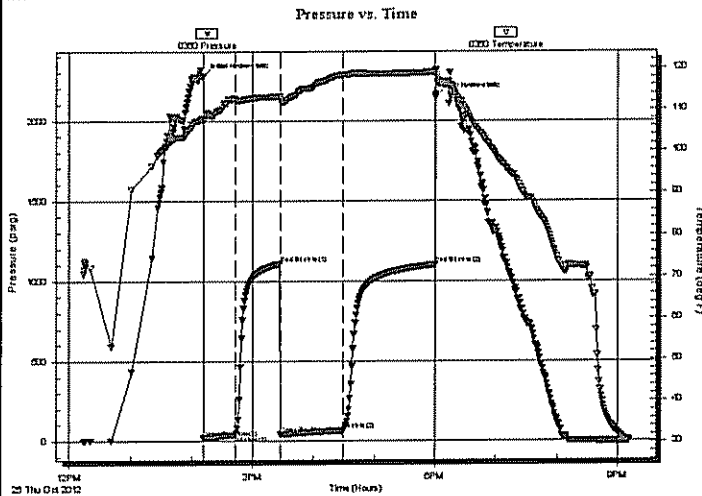
Time Off Btm: 2012.10.25 @ 18:00:24

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

IS- No Blow

FF- Weak Surface Blow Built to 6 1/4"

FS- No Blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2277.31	107.99	Initial Hydro-static
1	19.63	107.11	Open To Flow (1)
32	38.05	112.38	Shut-In(1)
76	1108.17	113.23	End Shut-In(1)
77	41.90	112.53	Open To Flow (2)
138	65.25	118.30	Shut-In(2)
229	1101.54	118.97	End Shut-In(2)
230	2145.98	119.57	Final Hydro-static

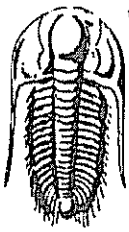
## Recovery

Length (ft)	Description	Volume (bbl)
62.00	OCM 1%oil 99%m	0.87
40.00	OCM 4%oil 96%m	0.56

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Lario Oil & Gas Company

4-14s-31w-Gove KS

301 S Market  
Wichita KS 67202

Parsons B # 1-4

Job Ticket: 50225

DST#: 8

ATTN: Steve Davis

Test Start: 2012.10.25 @ 12:14:00

**Mud and Cushion Information**

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.17 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbf
62.00	OCM 1%oil 99%m	0.870
40.00	OCM 4%oil 96%m	0.561

Total Length: 102.00 ft      Total Volume: 1.431 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

