



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1076563
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: _____

1076563

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
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:				

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

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 <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Parsons A 1-5
Doc ID	1076563

All Electric Logs Run

CDL/CNL
SONIC
DIL
MEL

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Parsons A 1-5
Doc ID	1076563

Tops

Name	Top	Datum
Heebner	3949	-1001
Lansing	3990	-1042
Stark Sh	4218	-1270
Hushpuckney	4254	-1306
Base KC	4289	-1341
Marmaton	4345	-1397
Pawnee	4425	-1477
Ft. Scott	4451	-1503
Johnson	4548	-1600
Morrow	4567	-1619
Basal Penn	4591	-1643
Mississippian	4609	-1661

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



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

Mark Sievers, Chairman
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

April 20, 2012

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

Re: ACO1
API 15-063-21955-00-00
Parsons A 1-5
NE/4 Sec.05-13S-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



INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 130577
Invoice Date: Mar 23, 2012
Page: 1

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

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

*AFE-12-068
Drilling
Two Stage
CK 4/13/12*



Customer ID	Well Name# or Customer P.O.	Payment Terms	
Lario	<u>Parsons A #1-5</u>	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Mar 23, 2012	4/22/12

Quantity	Item	Description	Unit Price	Amount
4.00	MAT	Gel	21.25	85.00
240.00	MAT	ASC	19.00	4,560.00
24.00	MAT	Salt	23.95	574.80
1,200.00	MAT	Gilsonite	0.89	1,068.00
500.00	MAT	WFR-2	1.27	635.00
525.00	MAT	Class A Lightweight	14.50	7,612.50
131.00	MAT	FloSeal	2.70	353.70
1,006.00	SER	Handling	2.25	2,263.50
7.00	SER	Mileage	110.66	774.62
1.00	SER	Production 2 Stage	2,405.00	2,405.00
7.00	SER	Heavy Vehicle Mileage	7.00	49.00
1.00	SER	Manifold Head Rental	200.00	200.00
7.00	SER	Light Vehicle Mileage	4.00	28.00
1.00	EQP	4 1/2 AFU Float Shoe	349.00	349.00
1.00	EQP	4 1/2 Latch Down Plug	277.00	277.00
1.00	EQP	4 1/2 Basket	337.00	337.00
1.00	EQP	4 1/2 DV Tool	4,921.00	4,921.00
9.00	EQP	4 1/2 Centralizer	49.00	441.00
1.00	CEMENTER	LaRene Wentz		
1.00	OPER ASSIST	Dane Retzloff		
1.00	OPER ASSIST	Brandon Wilkinson		

*all
ck*

*all
ck*

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

\$ See next

ONLY IF PAID ON OR BEFORE
Apr 17, 2012

Subtotal	Continued
Sales Tax	Continued
Total Invoice Amount	Continued
Payment/Credit Applied	
TOTAL	Continued



INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 130577
Invoice Date: Mar 23, 2012
Page: 2

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



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

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Lario	Parsons A #1-5	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Mar 23, 2012	4/22/12

Quantity	Item	Description	Unit Price	Amount
1.00	OPER ASSIST	Ethan Glassman		
1.00	OPER ASSIST	Adam Holcomb		

Subtotal	26,934.12
Sales Tax	1,707.73
Total Invoice Amount	28,641.85
Payment/Credit Applied	
TOTAL	28,641.85

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

\$ 5,386.82

ONLY IF PAID ON OR BEFORE
Apr 17, 2012

ALLIED CEMENTING CO., LLC. 034608

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Oakley, KS

DATE <i>3-23-12</i>	SEC. <i>3</i>	TWP. <i>13</i>	RANGE <i>31</i>	CALLED OUT	ON LOCATION <i>7:00 am</i>	JOB START <i>1:30p</i>	JOB FINISH <i>2:00pm</i>
LEASE <i>Parsons A</i>	WELL # <i>1-5</i>	LOCATION <i>Oakley, KS, 4E, 4S, 45 W 1/2</i>			COUNTY <i>Goose</i>	STATE <i>KS</i>	

OLD OR NEW (Circle one)

CONTRACTOR *WW#2*

TYPE OF JOB *Production 2 stage*

HOLE SIZE *7 7/8* T.D. *4730'*

CASING SIZE *4 1/2* DEPTH *4730'*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL *DD* DEPTH *2311*

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT *16.27*

CEMENT LEFT IN CSG. *16.27*

PERFS.

DISPLACEMENT *74.95 bbl*

OWNER *Same*

CEMENT

AMOUNT ORDERED *240 sks APC 10% salt*

2 bags, 5 # gilsonite, 500 gal WFR-2

680 sks Life Type 1/4 # 50-50

COMMON	@		
POZMIX	@		
GEL		<i>4 sk @ 21.25</i>	<i>85.00</i>
CHLORIDE	@		
ASC		<i>240 sks @ 17.50</i>	<i>4200.00</i>
<i>salt</i>		<i>24 sks @ 23.95</i>	<i>574.80</i>
<i>gilsonite</i>		<i>1800 # @ .89</i>	<i>1602.00</i>
<i>WFR-2</i>		<i>500 gal @ 1.27</i>	<i>635.00</i>
<i>Life Type</i>		<i>680 @ 14.50</i>	<i>7620.00</i>
<i>525968</i>	@		
<i>Flo-seal</i>		<i>131 # @ 2.90</i>	<i>380.70</i>
	@		
HANDLING <i>1006 sks</i>	@	<i>2.25</i>	<i>2263.50</i>
MILEAGE <i>108.56/mile</i>			<i>774.62</i>

TOTAL *17727.12*

REMARKS:

Pump ball through 1800#
circulate 1 hr, mix WFR-2, mix
240 sks cement. Dis place w/ mud & water
and plug 1800#, open DUT, circulate
for 3 hrs, plug 1400#, mix 525 sks
down casing. Displace with water
and plug 1400#. float held,
cement did circulate

Thank you

CHARGE TO: *Lorid Oil & Gas Co*

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB <i>4730'</i>		
PUMP TRUCK CHARGE		<i>2405.00</i>
EXTRA FOOTAGE	@	
MILEAGE <i>7</i>	@	<i>2.00 14.00</i>
MANIFOLD <i>head</i>	@	<i>200.00</i>
<i>LU on logs 7</i>	@	<i>4.00 28.00</i>

TOTAL *2682.00*

PLUG & FLOAT EQUIPMENT

<i>(1) AFE float shoe</i>		<i>349.00</i>
<i>(1) Latch down plug</i>	@	<i>272.00</i>
<i>(1) basket</i>	@	<i>332.00</i>
<i>(1) DD tool</i>	@	<i>492.00</i>
<i>(1) Centralizer</i>	@	<i>49.00 441.00</i>

TOTAL *1325.00*

SALES TAX (if Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

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

PRINTED NAME _____

SIGNATURE *Henry Blavin* *AFE 12-068*

Bid



PO Box 93999
Southlake, TX 76092

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

INVOICE

Invoice Number: 130486
Invoice Date: Mar 14, 2012
Page: 1



*Drilling
AFE-12-068
CR 3126112*

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

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Lario	Parson "A" #1-5	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Mar 14, 2012	4/13/12

Quantity	Item	Description	Unit Price	Amount
150.00	MAT	Class A Common	16.25	2,437.50
3.00	MAT	Gel	21.25	63.75
5.00	MAT	Chloride	58.20	291.00
158.00	SER	Handling	2.25	355.50
7.00	SER	Mileage	17.38	121.66
1.00	SER	Surface	1,125.00	1,125.00
7.00	SER	Heavy Vehicle Mileage	7.00	49.00
7.00	SER	Light Vehicle Mileage	4.00	28.00
1.00	CEMENTER	Terry Heinrich		
1.00	EQUIP OPER	Jerry Yates		
1.00	OPER ASSIST	Ethan Glassman		

cc
MAR 23 2012
cc

Subtotal	4,471.41
Sales Tax	224.78
Total Invoice Amount	4,696.19
Payment/Credit Applied	
TOTAL	4,696.19

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

\$ **949.70**

ONLY IF PAID ON OR BEFORE
Apr 8, 2012

ALLIED CEMENTING CO., LLC. 035945

Federal Tax I.D.# 20-5975804

ATTN: P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

OAKLEY

DATE <u>3-14-2012</u>	SEC <u>5</u>	TWP <u>12S</u>	RANGE <u>32W</u>	CALLED OUT	ON LOCATION <u>12:00 PM</u>	JOB START <u>5:00 PM</u>	JOB FINISH <u>5:30 PM</u>
PARSON "A" EASE	WELL # <u>1-5</u>	LOCATION <u>OAKLEY 115-4E-45-W 20th</u>			COUNTY <u>GOLE</u>	STATE <u>Ks</u>	
OLD OR (NEW) (Circle one)							

CONTRACTOR <u>W+W DRUG REG # 2</u>	OWNER <u>SAME</u>
TYPE OF JOB <u>SURFACE</u>	CEMENT AMOUNT ORDERED <u>150 SKS COM 3% CC 2% GEL</u>
BOLE SIZE <u>12 1/4"</u> T.D. <u>255'</u>	
ASING SIZE <u>8 3/8"</u> DEPTH <u>254.86'</u>	
UBING SIZE DEPTH	
DRILL PIPE DEPTH	
COL DEPTH	
RES. MAX MINIMUM	COMMON <u>150 SKS @ 16.25 = 2437.50</u>
FEAS. LINE SHOE JOINT	POZMIX @
EMENT LEFT IN CSG. <u>15'</u>	GEL <u>3 SKS @ 21.25 = 63.75</u>
ERFS.	CHLORIDE <u>5 SKS @ 58.20 = 291.00</u>
DISPLACEMENT <u>15 1/4 BBL</u>	ASC @
EQUIPMENT	@
UMP TRUCK CEMENTER <u>FERRY</u>	@
<u>423-281</u> HELPER <u>FERRY</u>	@
ULK TRUCK	@
<u>104</u> DRIVER <u>ETHAN</u>	@
ULK TRUCK DRIVER	@
	HANDLING <u>150 SKS @ 2.25 = 337.50</u>
	MILEAGE <u>114 PER SK / MILE = 121.80</u>
	TOTAL <u>3269.75</u>

REMARKS:

MAX 150 SKS COM 3% CC 2% GEL + DISPLACE
DEPTH 15 1/4 BBLs WATER
CEMENT did circulate

Thank You

CHARGE TO: LARIO OIL & GAS
 STREET _____
 CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB <u>254.86</u>	
PUMP TRUCK CHARGE <u>1125.00</u>	
EXTRA FOOTAGE @	
MILEAGE <u>7 ME @ 7.00 = 49.00</u>	
MANIFOLD @	
<u>LEAST USEFULS 7 ME @ 4.00 = 28.00</u>	
<u>USEW THERE SWEDGE + DRIVE</u>	
TOTAL <u>1202.00</u>	

PLUG & FLOAT EQUIPMENT

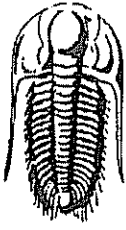
@	
@	
@	
@	
@	
TOTAL	

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

PRINTED NAME Dominic Laay
 SIGNATURE [Signature]

SALES TAX (If Any) _____
 TOTAL CHARGES _____
 DISCOUNT _____ IF PAID IN 30 DAYS

BID



**TRIOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

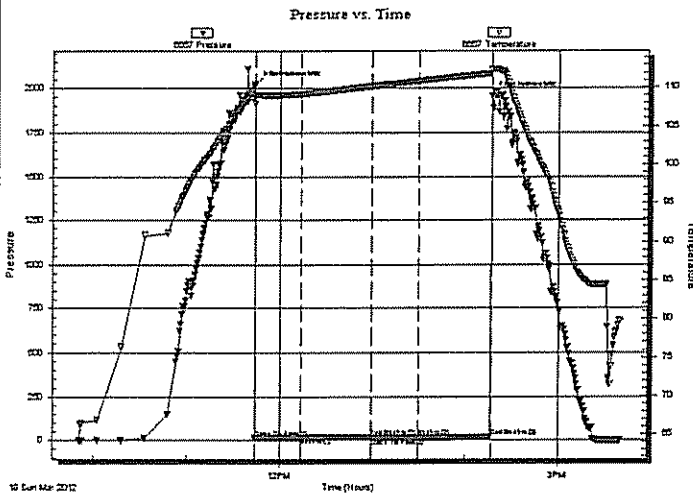
5-13-31 Gove, Ks
Parsons #1-5
Job Ticket: 44968 DST#: 1
Test Start: 2012.03.18 @ 09:50:54

GENERAL INFORMATION:

Formation: D
Deviated: No Whipstock: 0.00 ft (KB)
Time Tool Opened: 11:44:09
Time Test Ended: 16:10:39
Interval: 4054.00 ft (KB) To 4080.00 ft (KB) (TVD)
Total Depth: 4080.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches-Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: Shane McBride
Unit No: 55
Reference Elevations: 2948.00 ft (KB)
2943.00 ft (CF)
KB to GRVCF: 5.00 ft

Serial #: 6667 Inside
Press@RunDepth: 15.87 psig @ 4055.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.03.18 End Date: 2012.03.18 Last Calib.: 2012.03.18
Start Time: 09:50:54 End Time: 15:39:39 Time On Btm: 2012.03.18 @ 11:43:54
Time Off Btm: 2012.03.18 @ 14:17:09

TEST COMMENT: Surface blow died in 5 min.
No return
No blow
No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2022.10	109.03	Initial Hydro-static
1	13.55	107.90	Open To Flow (1)
30	16.07	109.17	Shut-In(1)
76	19.92	110.15	End Shut-In(1)
77	15.45	110.16	Open To Flow (2)
106	15.87	110.85	Shut-In(2)
153	18.61	111.86	End Shut-In(2)
154	1959.20	112.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	mud 100% m	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas

5-13-31 Gove, Ks

301 S Market St
Wichita, Ks
67202

Parsons #1-5

Job Ticket: 44968

DST#: 1

ATTN: Brad Rine

Test Start: 2012.03.18 @ 09:50:54

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	mud 100% _m	0.005

Total Length: 1.00 ft Total Volume: 0.005 bbl

Num Fluid Samples: 0

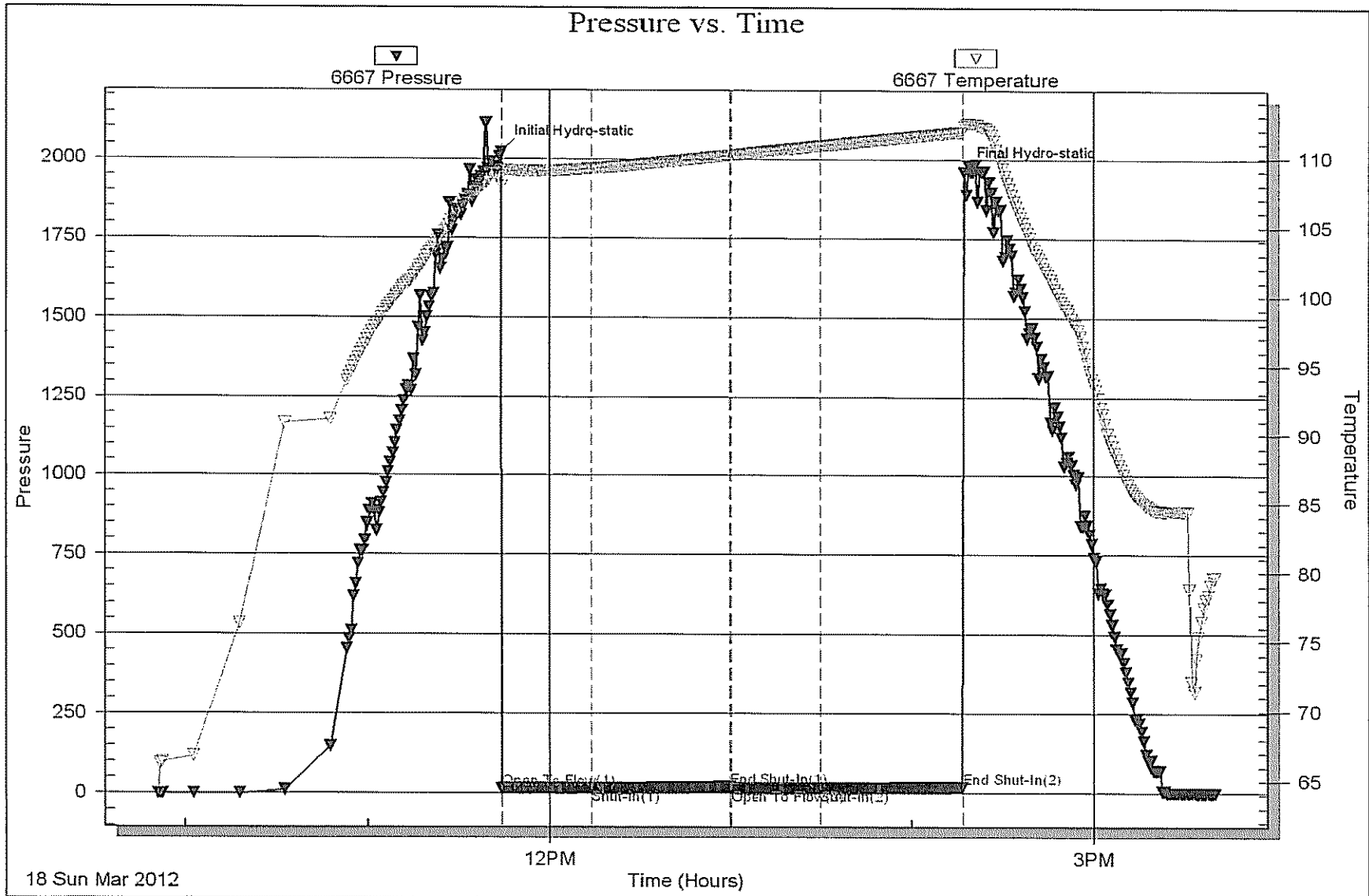
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

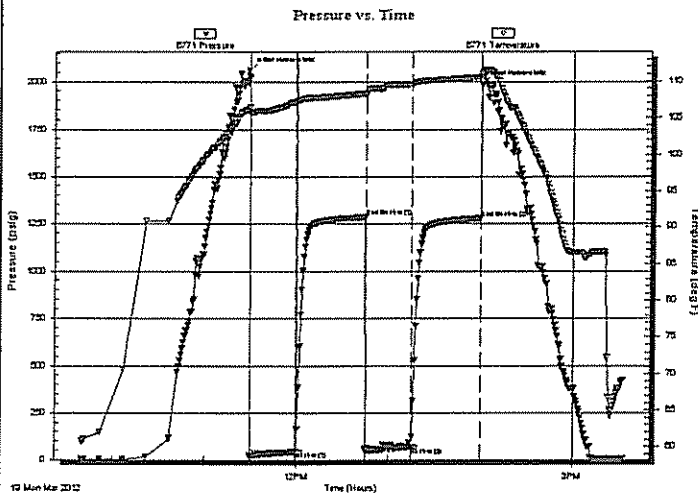
5-13-31 Gove, Ks
Parsons #1-5
 Job Ticket: 44969 DST#: 2
 Test Start: 2012.03.19 @ 09:40:16

GENERAL INFORMATION:

Formation: H,I,J
 Deviated: No Whipstock: 0.00 ft (KB)
 Time Tool Opened: 11:30:01
 Time Test Ended: 15:45:46
 Interval: 4130.00 ft (KB) To 4222.00 ft (KB) (TVD)
 Total Depth: 4222.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Shane McBride
 Unit No: 55
 Reference Elevations: 2948.00 ft (KB)
 2943.00 ft (CF)
 KB to GRVCF: 5.00 ft

Serial #: 6771 Outside
 Press@RunDepth: 65.97 psig @ 4131.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.03.19 End Date: 2012.03.19 Last Calib.: 2012.03.19
 Start Time: 09:40:16 End Time: 15:32:46 Time On Btm: 2012.03.19 @ 11:29:16
 Time Off Btm: 2012.03.19 @ 14:00:31

TEST COMMENT: 1/4" in blow died in 15 min
 No return
 No blow
 No return

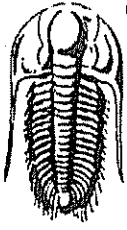


PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2060.69	106.19	Initial Hydro-static
1	20.62	105.75	Open To Flow (1)
31	42.99	107.13	Shut-In(1)
76	1282.93	108.27	End Shut-In(1)
76	47.22	108.07	Open To Flow (2)
106	65.97	109.55	Shut-In(2)
151	1276.26	110.53	End Shut-In(2)
152	1986.77	110.93	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
40.00	mud 100% m	0.20

* 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

5-13-31 Gove, Ks

301 S Market St
Wichita, Ks
67202

Parsons #1-5

Job Ticket: 44969

DST#: 2

ATTN: Brad Rine

Test Start: 2012.03.19 @ 09:40:16

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 54.00 sec/qt
Water Loss: 6.39 in³
Resistivity: 0.00 ohm.m
Salinity: 1800.00 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

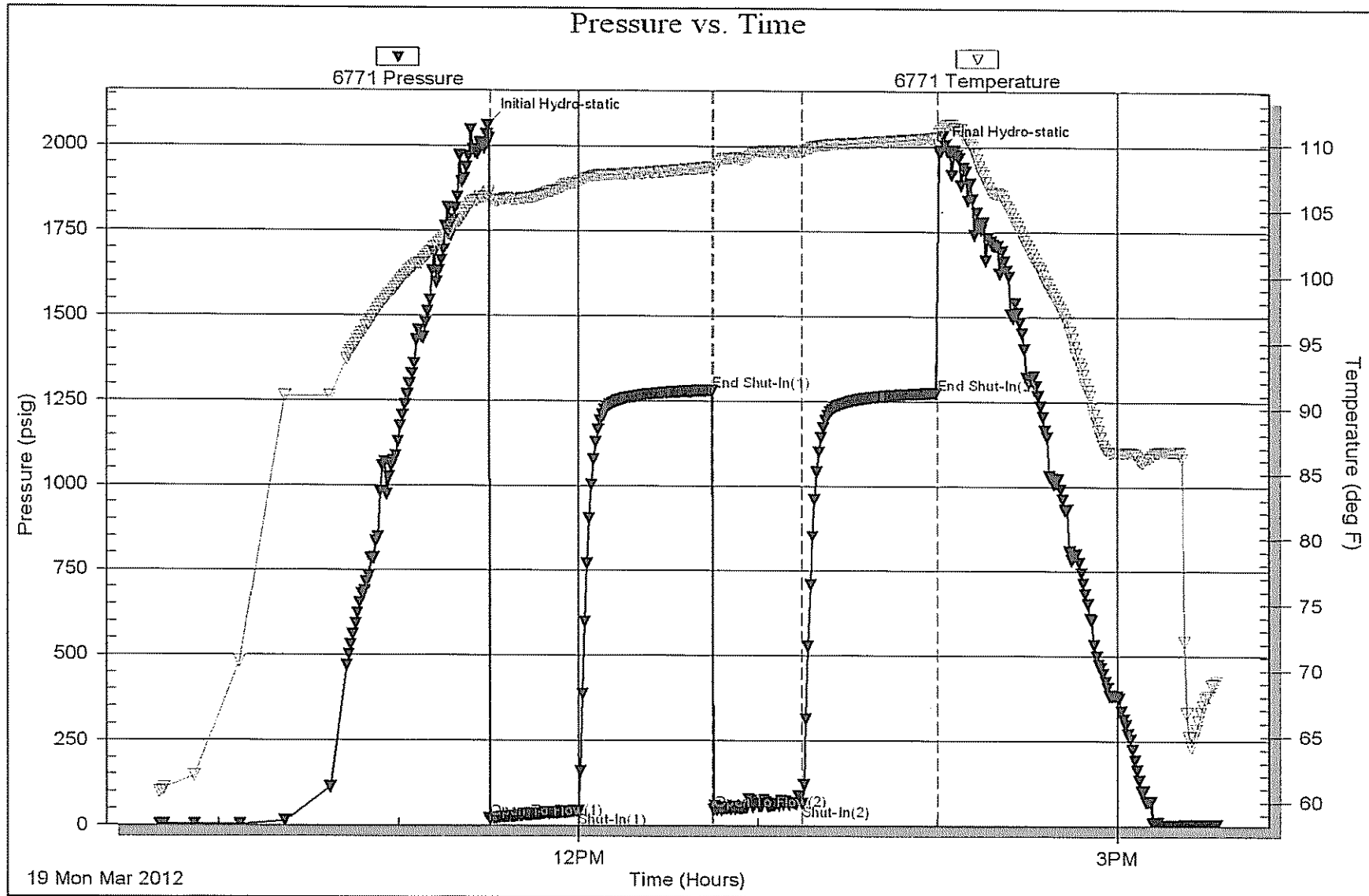
Length ft	Description	Volume bbl
40.00	mud 100% m	0.197

Total Length: 40.00 ft Total Volume: 0.197 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
301 S Market St
Wichita, Ks
67202
ATTN: Brad Rine

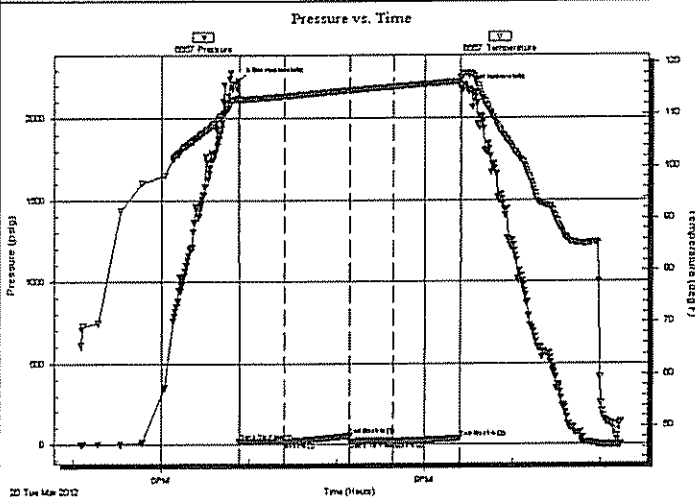
5-13-31 Gove, Ks
Parsons #1-5
Job Ticket: 44970 DST#: 3
Test Start: 2012.03.20 @ 17:05:22

GENERAL INFORMATION:

Formation: **Ft Scott- Upper Cher**
 Deviated: **No Whipstock: 0.00 ft (KB)**
 Time Tool Opened: **18:53:07**
 Time Test Ended: **23:25:07**
 Interval: **4440.00 ft (KB) To 4505.00 ft (KB) (TVD)**
 Total Depth: **4505.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**
 Test Type: **Conventional Bottom Hole (Reset)**
 Tester: **Shane McBride**
 Unit No: **55**
 Reference Elevations: **2948.00 ft (KB)**
2943.00 ft (CF)
 KB to GR/CF: **5.00 ft**

Serial #: 6667 Inside
 Press@RunDepth: **20.09 psig @ 4441.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2012.03.20** End Date: **2012.03.20** Last Calib.: **2012.03.20**
 Start Time: **17:05:22** End Time: **23:14:07** Time On Btm: **2012.03.20 @ 18:52:37**
 Time Off Btm: **2012.03.20 @ 21:24:37**

TEST COMMENT: **Wek blow died in 8 min**
No return
No blow
No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2230.95	113.02	Initial Hydro-static
1	17.50	112.57	Open To Flow (1)
31	18.71	113.44	Shut-In(1)
77	53.98	114.57	End Shut-In(1)
77	18.80	114.56	Open To Flow (2)
106	20.09	115.27	Shut-In(2)
152	36.29	116.30	End Shut-In(2)
152	2184.28	116.98	Final Hydro-static

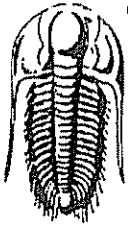
Recovery

Length (ft)	Description	Volume (bbl)
2.00	mud 100%m	0.01

* 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

5-13-31 Gove, Ks

301 S Market St
Wichita, Ks
67202

Parsons #1-5

Job Ticket: 44970

DST#: 3

ATTN: Brad Rine

Test Start: 2012.03.20 @ 17:05:22

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 55.00 sec/qt
Water Loss: 6.38 in³
Resistivity: 0.00 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

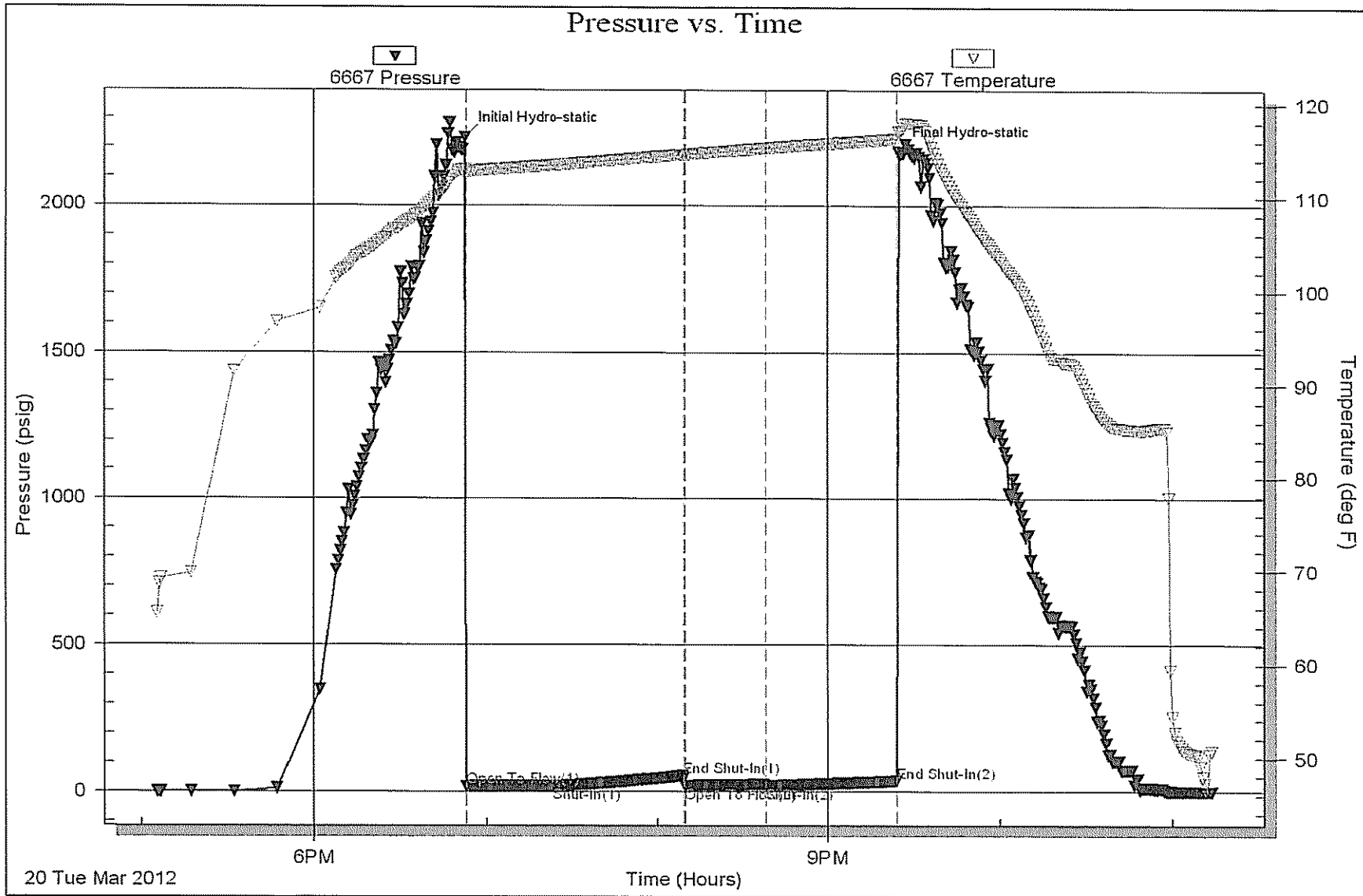
Oil API: 0 deg API
Water Salinity: 0 ppm

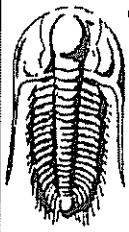
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	mud 100% _m	0.010

Total Length: 2.00 ft Total Volume: 0.010 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

301 S Market St
Wichita, KS
67202
ATTN: Brad Rine

5-13-31 Gove, Ks

Parsons #1-5

Job Ticket: 44971

DST#: 4

Test Start: 2012.03.21 @ 09:25:43

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock 0.00 ft (KB)

Time Tool Opened: 11:25:58

Time Test Ended: 16:35:58

Test Type: Conventional Bottom Hole (Reset)

Tester: Shane McBride

Unit No: 55

Interval: 4521.00 ft (KB) To 4565.00 ft (KB) (TVD)

Total Depth: 4565.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2948.00 ft (KB)

2943.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6667

Inside

Press@RunDepth: 135.07 psig @ 4522.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.03.21

End Date: 2012.03.21

Last Calib.: 2012.03.21

Start Time: 09:25:43

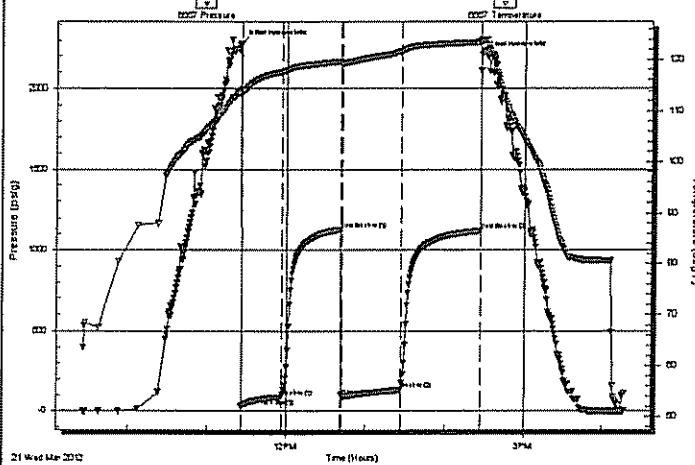
End Time: 16:16:58

Time On Btm: 2012.03.21 @ 11:25:43

Time Off Btm: 2012.03.21 @ 14:27:28

TEST COMMENT: B.O.B. in 24 min
1/4" in return
B.O.B. in 22 min
1" in return

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2277.38	114.08	Initial Hydro-static
1	25.95	113.66	Open To Flow (1)
31	88.00	117.55	Shut-In(1)
76	1128.22	119.62	End Shut-In(1)
77	90.48	119.28	Open To Flow (2)
121	135.07	121.65	Shut-In(2)
182	1119.63	123.47	End Shut-In(2)
182	2206.30	123.62	Final Hydro-static

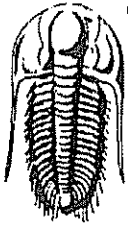
Recovery

Length (ft)	Description	Volume (bbl)
160.00	m c g o 15m 30g 55o	1.11
70.00	s m c g o 10m 25g 65o	0.98
0.00	430' gas in pipe	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

5-13-31 Gove, Ks

301 S Market St
Wichita, Ks
67202

Parsons #1-5

Job Ticket: 44971

DST#: 4

ATTN: Brad Rine

Test Start: 2012.03.21 @ 09:25:43

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 53.00 sec/qt
Water Loss: 7.20 in³
Resistivity: 0.00 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: 0 deg API
Water Salinity: 0 ppm

Recovery Information

Recovery Table

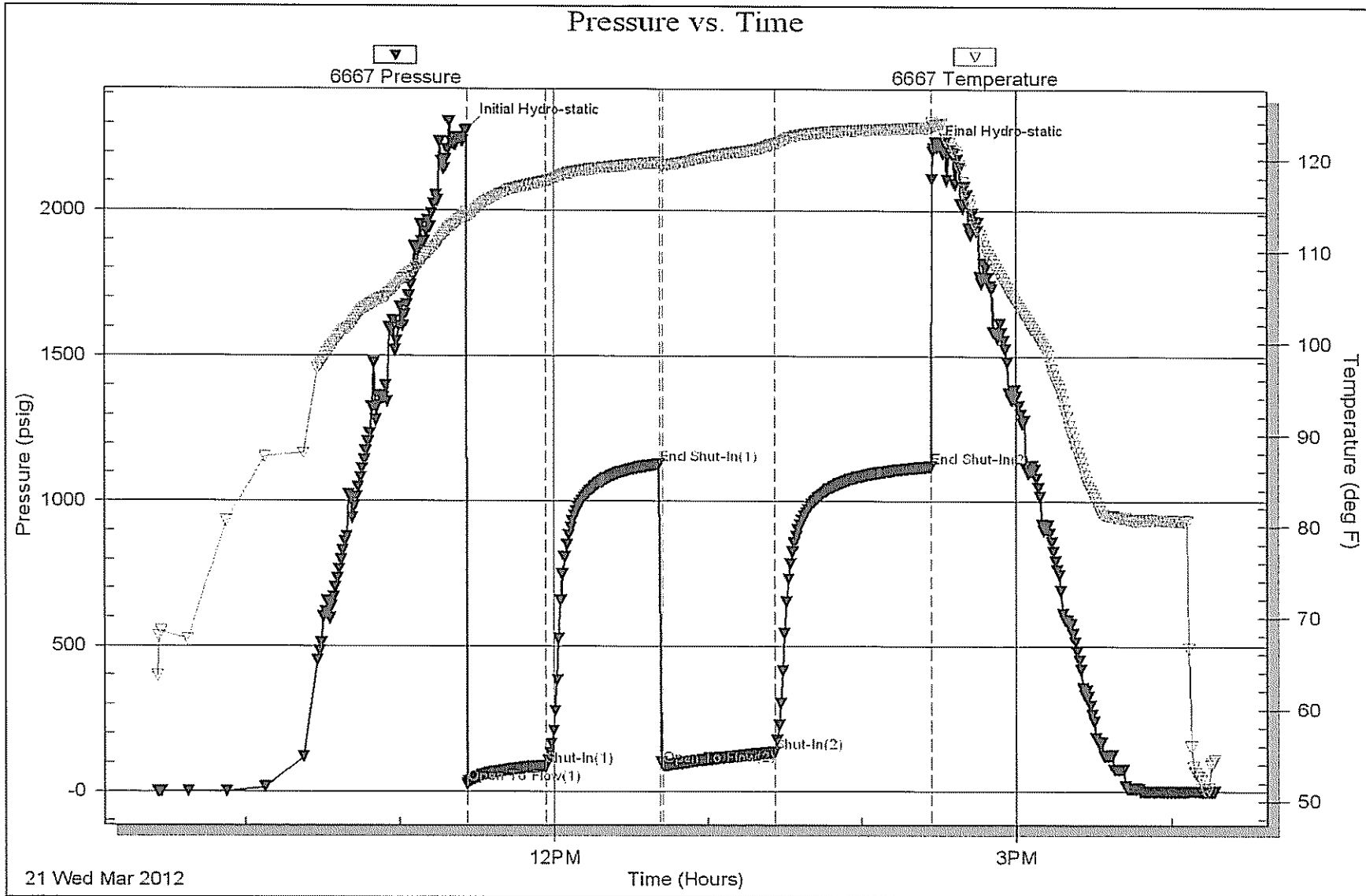
Length ft	Description	Volume bbl
160.00	m c g o 15m 30g 55o	1.115
70.00	s m c g o 10m 25g 65o	0.982
0.00	430' gas in pipe	0.000

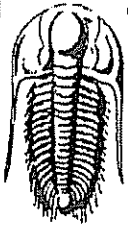
Total Length: 230.00 ft Total Volume: 2.097 bbl

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
 301 S Market St
 Wichita, Ks
 67202
 ATTN: Brad Rine

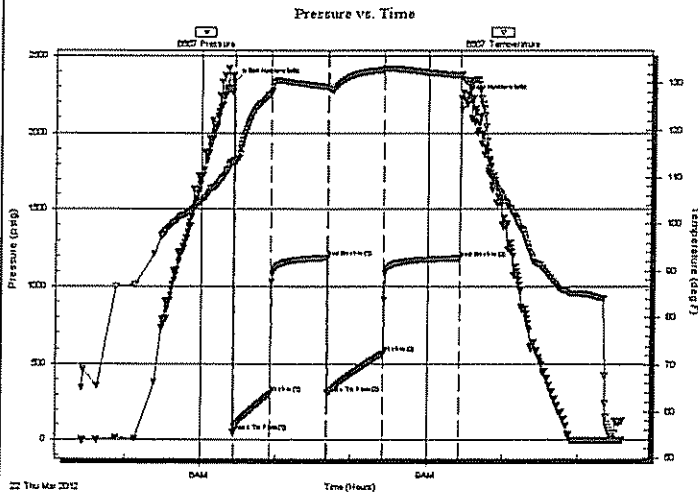
5-13-31 Gove, Ks
Parsons #1-5
 Job Ticket: 44972 DST#: 5
 Test Start: 2012.03.22 @ 04:26:06

GENERAL INFORMATION:

Formation: **Miss -Spergen**
 Deviated: **No Whipstock: 0.00 ft (KB)**
 Time Tool Opened: 06:26:06
 Time Test Ended: 12:10:06
 Test Type: **Conventional Bottom Hole (Reset)**
 Tester: **Shane McBride**
 Unit No: **55**
 Interval: **4634.00 ft (KB) To 4680.00 ft (KB) (TVD)**
 Reference Elevations: **2948.00 ft (KB)**
2943.00 ft (CF)
 Total Depth: **4680.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**
 KB to GRVCF: **5.00 ft**

Serial #: 6667 **Inside**
 Press@RunDepth: **567.52 psig @ 4635.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2012.03.22** End Date: **2012.03.22** Last Calib.: **2012.03.22**
 Start Time: **04:26:06** End Time: **11:35:06** Time On Btm: **2012.03.22 @ 06:25:51**
 Time Off Btm: **2012.03.22 @ 09:26:51**

TEST COMMENT: B.O.B. in 7 1/2 min
 No return
 B.O.B. in 10 min
 No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2330.75	113.53	Initial Hydro-static
1	50.02	113.09	Open To Flow (1)
30	302.90	127.82	Shut-In(1)
75	1188.20	129.17	End Shut-In(1)
75	307.06	128.86	Open To Flow (2)
120	567.52	132.92	Shut-In(2)
181	1185.36	131.67	End Shut-In(2)
181	2222.52	131.83	Final Hydro-static

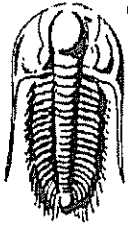
Recovery

Length (ft)	Description	Volume (bbl)
780.00	water 100 %w	9.81
180.00	s m c w 10%m 90%w	2.52
216.00	m c w 40%m 60%w	3.03

* 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

5-13-31 Gove, Ks

301 S Market St
Wichita, Ks
67202

Parsons #1-5

Job Ticket: 44972

DST#: 5

ATTN: Brad Rine

Test Start: 2012.03.22 @ 04:26:06

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 54.00 sec/qt
Water Loss: 7.20 in³
Resistivity: 0.00 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: 0 deg API
Water Salinity: 48000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
780.00	water 100 %w	9.812
180.00	s m c w 10%m 90%w	2.525
216.00	m c w 40%m 60%w	3.030

Total Length: 1176.00 ft Total Volume: 15.367 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: rw .212 @ 50*f= 48,000 chlor

