



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1208252
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: _____

1208252

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

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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Powers Unit 1-35
Doc ID	1208252

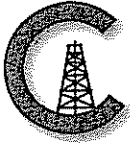
All Electric Logs Run

MAI/MFE
MSS
MPD/MDN
MML

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Powers Unit 1-35
Doc ID	1208252

Tops

Name	Top	Datum
Heebner	3958	-1018
Lansing	4005	-1065
Stark Shale	4228	-1288
Hushpuckney	4262	-1322
Base KC	4298	-1358
Marmaton	4350	-1410
Pawnee	4422	-1482
Ft. Scott	4450	-1510
Johnson	4552	-1612
Morrow	4568	-1628
Basal Penn	4568	-1628
Mississippian	4586	-1646
St. Louis	4586	-1646
Spergen	4667	-1727



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 # 268771

Invoice Date: 06/12/2014 Terms: 10/10/30,n/30

Page 1

LARIO OIL & GAS
P.O. BOX 1093
GARDEN CITY KS 67846
(316)265-5611

POWERS 1-35
46925
35-12S-31W
06-10-2014
KS

drilling AFE 14 103

Part Number	Description	Qty	Unit Price	Total
1107	FLO-SEAL (25#)	51.00	2.9700	151.47
1118B	PREMIUM GEL / BENTONITE	705.00	.2700	190.35
1131	60/40 POZ MIX	205.00	15.8600	3251.30

Sublet Performed	Description	Total
9996-130	CEMENT MATERIAL DISCOUNT	-359.31
9995-130	CEMENT EQUIPMENT DISCOUNT	-193.00

Description	Hours	Unit Price	Total
P & A NEW WELL	1.00	1395.00	1395.00
EQUIPMENT MILEAGE (ONE WAY)	20.00	5.25	105.00
MIN. BULK DELIVERY	1.00	430.00	430.00

Handwritten signatures and initials
JUN 18 2014
Handwritten initials

Amount Due 5806.98 if paid after 07/12/2014

Parts:	3593.12	Freight:	.00	Tax:	255.47	AR	5226.28
Labor:	.00	Misc:	.00	Total:	5226.28		
Sublt:	-552.31	Supplies:	.00	Change:	.00		

Signed _____ Date _____



CONSOLIDATED
Oil Well Services, LLC

268771

TICKET NUMBER 46925
LOCATION Oakley KS
FOREMAN Miles Shaw

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

FIELD TICKET & TREATMENT REPORT
CEMENT

US

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-10-14	4793	Powers #1-35	35	125	31W	Gove
CUSTOMER <u>Lario Oil & Gas</u>			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS			399	Jeremy R		
CITY			460	Lance R		
STATE						
ZIP CODE						

Oakley KS
State
SP-2A
E to Rd 12
1/2 W
E. 1/4

JOB TYPE PTA HOLE SIZE 7 7/8" HOLE DEPTH 4740 CASING SIZE & WEIGHT _____
CASING DEPTH _____ DRILL PIPE _____ TUBING _____ OTHER _____
SLURRY WEIGHT 13.8 SLURRY VOL 1.4 WATER gal/sk _____ CEMENT LEFT in CASING _____
DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safe by meeting and Plug ss ordered on Duke drilling Rig #4
1st plug 25 SKS @ 2442'
2nd plug 100 SKS @ 1583'
3rd plug 40 SKS @ 300'
4th plug 10 SKS @ 40'
BH 30 SKS 205 SKS 60/40 pot 49 gal 1/2" Pluseal

Thanks Miles & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5405N	1	PUMP CHARGE	1395.00	1395.00
5406	20	MILEAGE	5.25	105.00
5407	8.9 Tons	Ton Mileage delivery	430.00	430.00
1107	51 #	Flo seal	2.97	151.47
1118B	205 #	Bentonite gel	.27	190.35
1181	205 SKS	60/40 pot	15.86	3251.30
			Subtotal	5523.12
			less 10% discount	552.31
			Subtotal	4970.81
			SALES TAX	255.47
			ESTIMATED TOTAL	5226.28

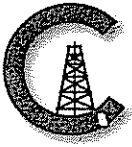


Completed

Ravin 3737

AUTHORIZATION Hector M. Shaw TITLE _____ DATE _____

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

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 # 268556

Invoice Date: 05/31/2014 Terms: 10/10/30,n/30

Page 1

LARIO OIL & GAS
P.O. BOX 1093
GARDEN CITY KS 67846
(316)265-5611

POWERS 1-35
46892
35-12S-21W drilling AFE 14-103
05-30-2014 6-4-14 LK
KS

Description	Hours	Unit Price	Total
CEMENT PUMP (SURFACE)	1.00	1150.00	1150.00
EQUIPMENT MILEAGE (ONE WAY)	20.00	5.25	105.00

Part Number	Description	Qty	Unit Price	Total
1102	CALCIUM CHLORIDE (50#)	479.00	.9400	450.26
1104S	CLASS "A" CEMENT (SALE)	170.00	18.5500	3153.50
1118B	PREMIUM GEL / BENTONITE	319.00	.2700	86.13
4432	8 5/8" WOODEN PLUG	1.00	100.7500	100.75

Sublet Performed	Description	Total
9996-130	CEMENT MATERIAL DISCOUNT	-379.06
9995-130	CEMENT EQUIPMENT DISCOUNT	-168.50

Description	Hours	Unit Price	Total
466 MIN. BULK DELIVERY	1.00	430.00	430.00

Handwritten signature and initials

Amount Due 5775.10 if paid after 06/30/2014

Parts:	3790.64	Freight:	.00	Tax:	269.51	AR	5197.59
Labor:	.00	Misc:	.00	Total:	5197.59		
Sublt:	-547.56	Supplies:	.00	Change:	.00		

Signed _____ Date _____



CONSOLIDATED
Oil Well Services, LLC

268556

TICKET NUMBER 46892

LOCATION Oakley KS

FOREMAN Mikes Shaw

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

FIELD TICKET & TREATMENT REPORT
CEMENT

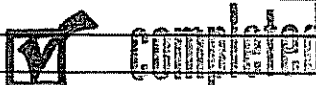
DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5-30-14	4793	Powers #1-35	35	125	21W	Goove
CUSTOMER <u>Lario Oil Gas</u>			Oakley KS 11565 Rd Goove Rd East to 18 1/2 N E. 76			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY			731	Cory D		
STATE			466	Lance R		
ZIP CODE						

JOB TYPE Surface HOLE SIZE 12 1/4" HOLE DEPTH 249 CASING SIZE & WEIGHT 8 5/8 23 #
 CASING DEPTH 249.19 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.8 SLURRY VOL 1.35 WATER gal/sk _____ CEMENT LEFT in CASING 20
 DISPLACEMENT 14 1/2 bbls DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting and rig up on Duke drilling Rig #4 Circulate casing
Mix 170 sks Class A with 38 calcium 28.9 gal Shutdown Released plug
Displace 14 1/2 bbls water Shut in Cement did circulate 2 bbls to pit

Thanks Mikes + Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	1150. ⁰⁰	1150. ⁰⁰
5406	20	MILEAGE	5.25	105. ⁰⁰
5407	7.99 tons	Ton Miledelivery	430. ⁰⁰	430. ⁰⁰
1102	479 #	Calcium chloride	.94	450.26
11045	170 SKS	Class A Cement	18.55	3153.50
1128B	319 #	Bentonite gel	.27	86.13
4432	1	8 5/8" Wooden Plug	100.75	100.75
			Subtotal	5475.64
			less 10% discount	547.56
			Subtotal	4928.08
			SALES TAX	269.51
			ESTIMATED TOTAL	5197.59



Ravin 3737

AUTHORIZATION Acct. Mikes TITLE _____ DATE _____

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.



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas Company

32-12s-31w

301 S Market ST
Wichita Ks, 67202

Power Unit #1-35

Job Ticket: 59061

DST#: 1

ATTN: Brad Rine

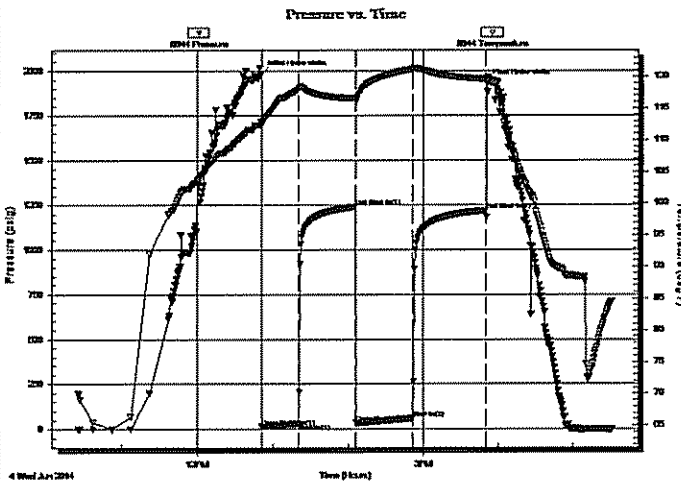
Test Start: 2014.06.04 @ 10:25:00

GENERAL INFORMATION:

Formation: **Lsg "D"**
 Deviated: **No** Whipstock: **ft (KB)**
 Time Tool Opened: **12:51:00**
 Time Test Ended: **17:31:00**
 Interval: **4066.00 ft (KB) To 4084.00 ft (KB) (TVD)**
 Total Depth: **4084.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **KB to GR/CF: 6.00 ft**
 Test Type: **Conventional Bottom Hole (Initial)**
 Tester: **Justin Harris**
 Unit No: **55**
 Reference Elevations: **2940.00 ft (KB)**
2934.00 ft (CF)

Serial #: 8844 **Outside**
 Press@RunDepth: **60.83 psig @ 4067.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2014.06.04** End Date: **2014.06.04** Last Calib.: **2014.06.04**
 Start Time: **10:25:15** End Time: **17:31:00** Time On Btm: **2014.06.04 @ 12:50:45**
 Time Off Btm: **2014.06.04 @ 15:50:45**

TEST COMMENT: 30: 2" Blow
 45: No Return
 45: 3" Blow
 60: No Return



PRESSURE SUMMARY

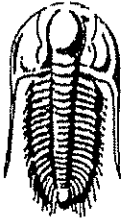
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1985.31	112.85	Initial Hydro-static
1	14.12	112.31	Open To Flow (1)
30	31.86	118.10	Shut-In(1)
75	1240.95	116.58	End Shut-In(1)
76	33.99	116.13	Open To Flow (2)
121	60.83	121.19	Shut-In(2)
180	1221.57	119.60	End Shut-In(2)
180	1930.91	119.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	mco 70w 30m	0.91

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Company

32-12s-31w

301 S Market ST
Wichita Ks, 67202

Power Unit #1-35

Job Ticket: 59061

DST#: 1

ATTN: Brad Rine

Test Start: 2014.06.04 @ 10:25:00

GENERAL INFORMATION:

Formation: Lsg "D"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:51:00

Time Test Ended: 17:31:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Justin Harris

Unit No: 55

Interval: 4066.00 ft (KB) To 4084.00 ft (KB) (TVD)

Total Depth: 4084.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches

Reference Elevations: 2940.00 ft (KB)

2934.00 ft (CF)

KB to GR/CF: 6.00 ft

Serial #: 6771 Inside

Press@RunDepth: psig @ 4067.00 ft (KB)

Start Date: 2014.06.04

End Date:

2014.06.04

Capacity: 8000.00 psig

Last Calib.: 2014.06.04

Start Time: 10:25:15

End Time:

17:31:15

Time On Btm:

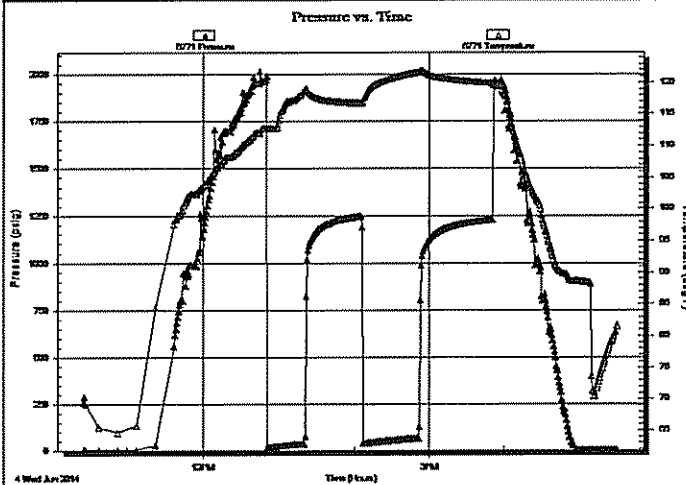
Time Off Btm:

TEST COMMENT: 30: 2" Blow

45: No Return

45: 3" Blow

60: No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bb)
65.00	mco 70w 30m	0.91

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

32-12s-31w

301 S Market ST
Wichita Ks, 67202

Power Unit #1-35

Job Ticket: 59061

DST#: 1

ATTN: Brad Rine

Test Start: 2014.06.04 @ 10:25:00

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:

26000 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbf

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filler Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
65.00	mco 70w 30m	0.912

Total Length: 65.00 ft

Total Volume: 0.912 bbf

Num Fluid Samples: 0

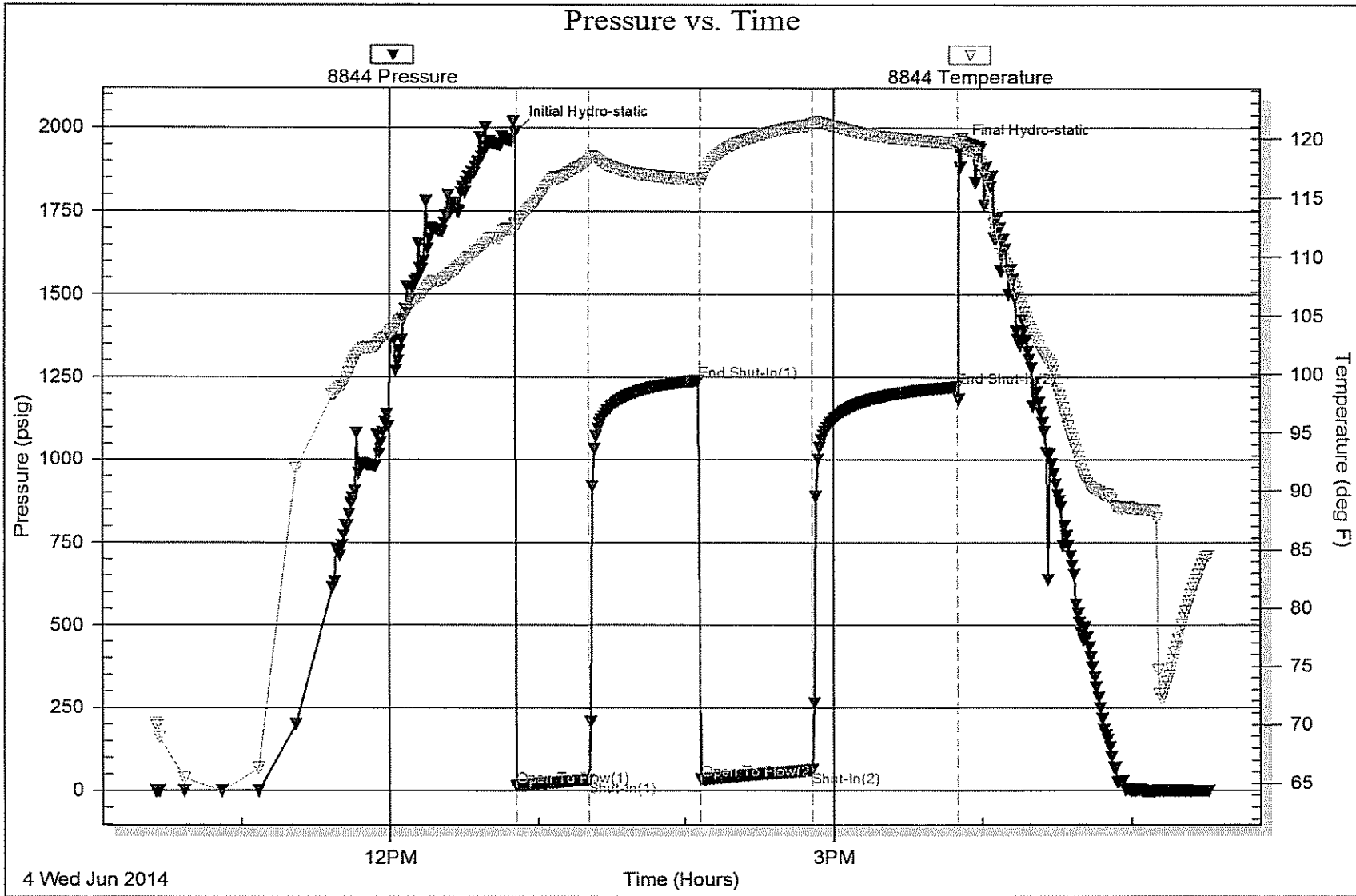
Num Gas Bombs: 0

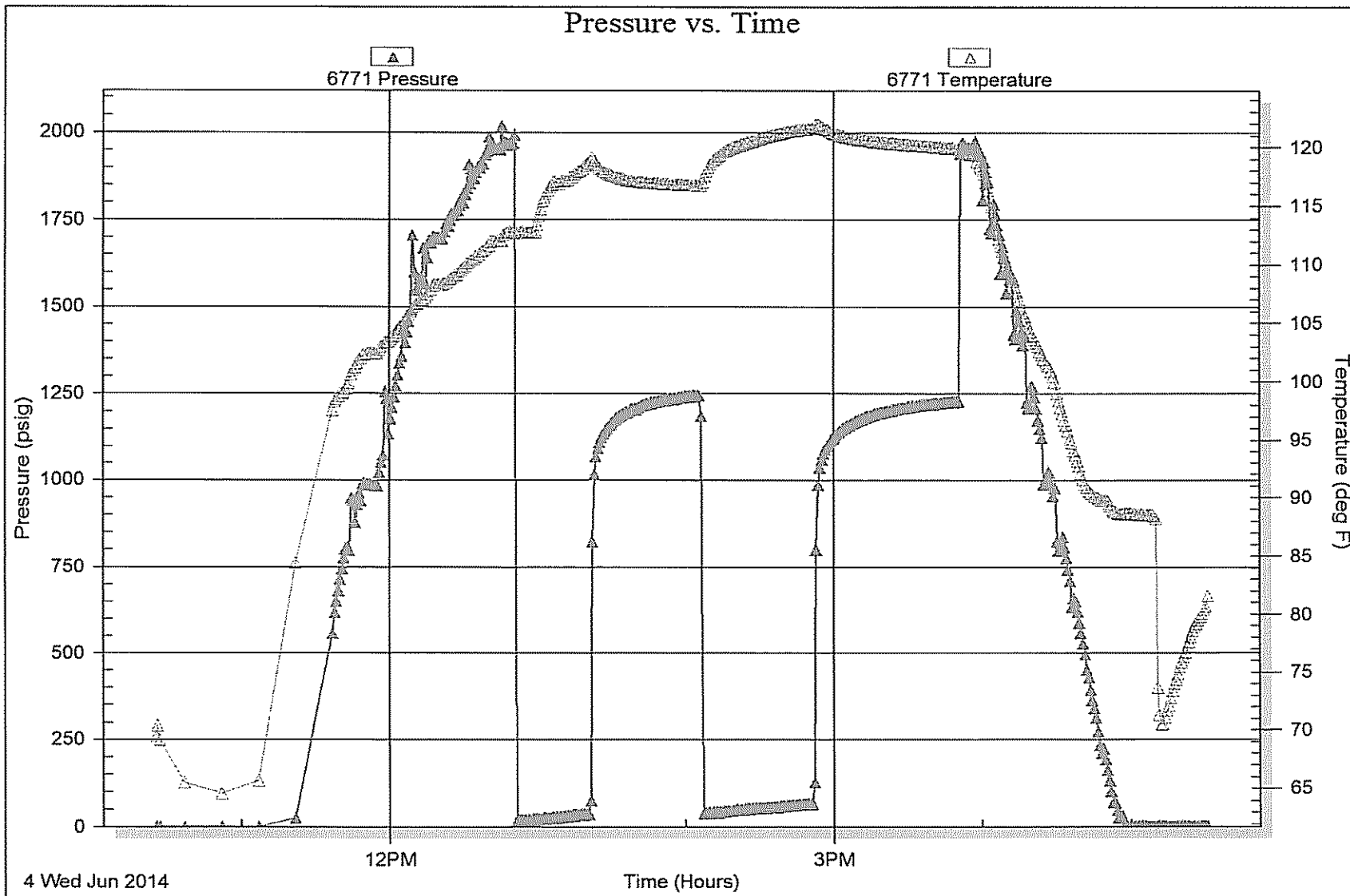
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Company

32-12s-31w

301 S Market ST
Wichita Ks, 67202

Power Unit #1-35

Job Ticket: 59062

DST#: 2

ATTN: Brad Fine

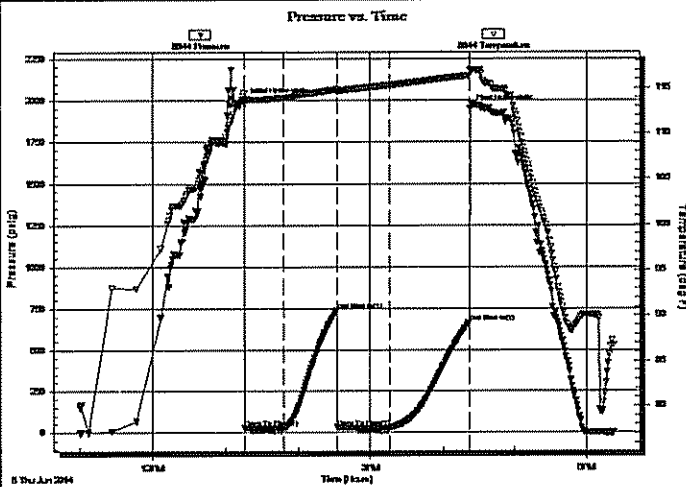
Test Start: 2014.06.05 @ 11:00:00

GENERAL INFORMATION:

Formation: LKC H,I
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 13:15:45
 Time Test Ended: 18:22:30
 Interval: 4136.00 ft (KB) To 4200.00 ft (KB) (TVD)
 Total Depth: 4084.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition:
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Justin Harris
 Unit No: 55
 Reference Elevations: 2940.00 ft (KB)
 2934.00 ft (CF)
 KB to GR/CF: 6.00 ft

Serial #: 8844 Outside
 Press@RunDepth: 30.91 psig @ 4137.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.06.05 End Date: 2014.06.05 Last Calib.: 2014.06.05
 Start Time: 11:00:15 End Time: 18:22:30 Time On Blm: 2014.06.05 @ 13:15:30
 Time Off Blm: 2014.06.05 @ 16:22:45

TEST COMMENT: 30: 1" Blow died in 17 mins.
 45: No Return.
 45: No Blow.
 60: No Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1998.97	114.41	Initial Hydro-static
1	29.73	113.18	Open To Flow (1)
32	28.49	113.93	Shut-In(1)
77	738.63	114.83	End Shut-In(1)
77	32.16	114.57	Open To Flow (2)
121	30.91	115.29	Shut-In(2)
187	663.89	116.35	End Shut-In(2)
188	1951.47	116.89	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
35.00	mud 100	0.49

* 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

32-12s-31w

301 S Market ST
Wichita Ks, 67202

Power Unit #1-35

Job Ticket: 59062

DST#: 2

ATTN: Brad Rine

Test Start: 2014.06.05 @ 11:00:00

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: 54.00 sec/qt

Cushion Volume:

bbf

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
35.00	mud 100	0.491

Total Length: 35.00 ft Total Volume: 0.491 bbf

Num Fluid Samples: 0

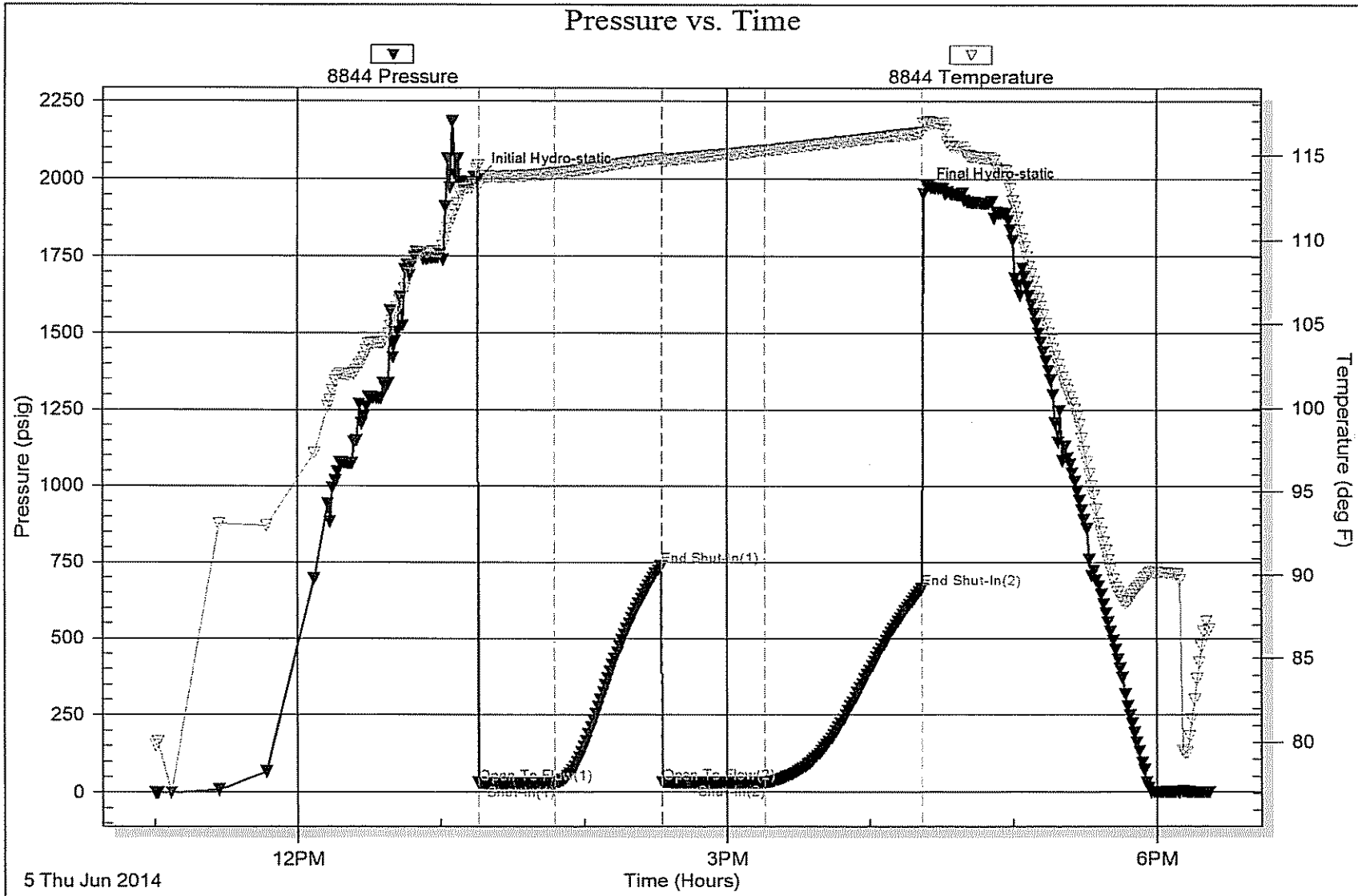
Num Gas Bombs: 0

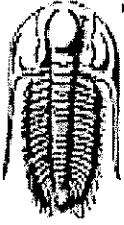
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Lario Oil & Gas Company

32-12s-31w Gove, Ks

301 S Market ST
Wichita Ks, 67202

Power Unit #1-35

Job Ticket: 59063

DST#: 3

ATTN: Brad Rine

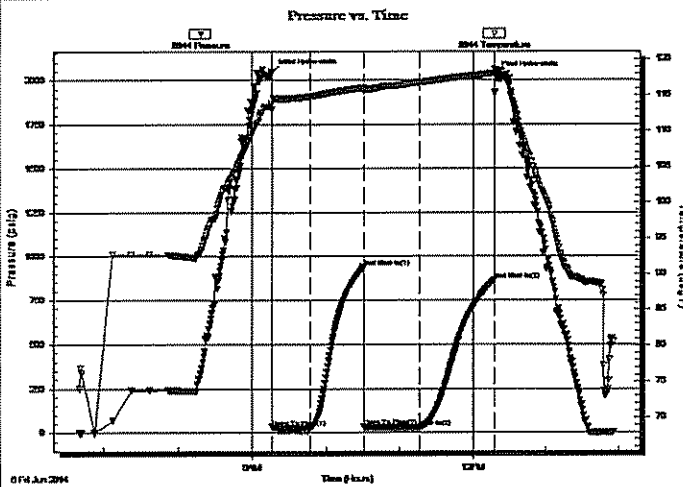
Test Start: 2014.06.06 @ 06:40:35

GENERAL INFORMATION:

Formation: K
 Deviated: No Whipstock: 0.00 ft (KB)
 Time Tool Opened: 09:16:20
 Time Test Ended: 13:55:50
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Shane McBride
 Unit No: 55
 Interval: 4221.00 ft (KB) To 4247.00 ft (KB) (TVD)
 Total Depth: 4247.00 ft (KB) (TVD)
 Reference Elevations: 2940.00 ft (KB)
 2931.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 KB to GR/CF: 9.00 ft

Serial #: 8844 Outside
 Press@RunDepth: 30.78 psig @ 4222.00 ft (KB)
 Capacity: 8000.00 psig
 Start Date: 2014.06.06 End Date: 2014.06.06
 Last Calib.: 2014.06.06
 Start Time: 06:40:35 End Time: 13:55:50
 Time On Btm: 2014.06.06 @ 09:16:05
 Time Off Btm: 2014.06.06 @ 12:18:20

TEST COMMENT: Slide tool 6' to bottom, 1" in blow died in 27 min.
 No return
 No blow
 No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2047.06	113.83	Initial Hydro-static
1	30.94	113.03	Open To Flow (1)
32	28.60	114.84	Shut-in(1)
75	940.35	116.06	End Shut-in(1)
75	32.12	115.58	Open To Flow (2)
121	30.78	116.81	Shut-in(2)
182	865.18	118.04	End Shut-in(2)
183	2028.03	118.40	Final Hydro-static

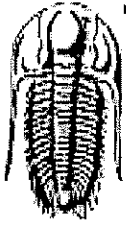
Recovery

Length (ft)	Description	Volume (bbl)
35.00	mud 100% m oil spots in tool	0.49

* 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

32-12s-31w Gove, Ks

301 S Market ST
Wichita Ks, 67202

Power Unit #1-35

Job Ticket: 59063

DST#: 3

ATTN: Brad Rine

Test Start: 2014.06.06 @ 06:40:35

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: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
35.00	mud 100% m oil spots in tool	0.491

Total Length: 35.00 ft

Total Volume: 0.491 bbl

Num Fluid Samples: 0

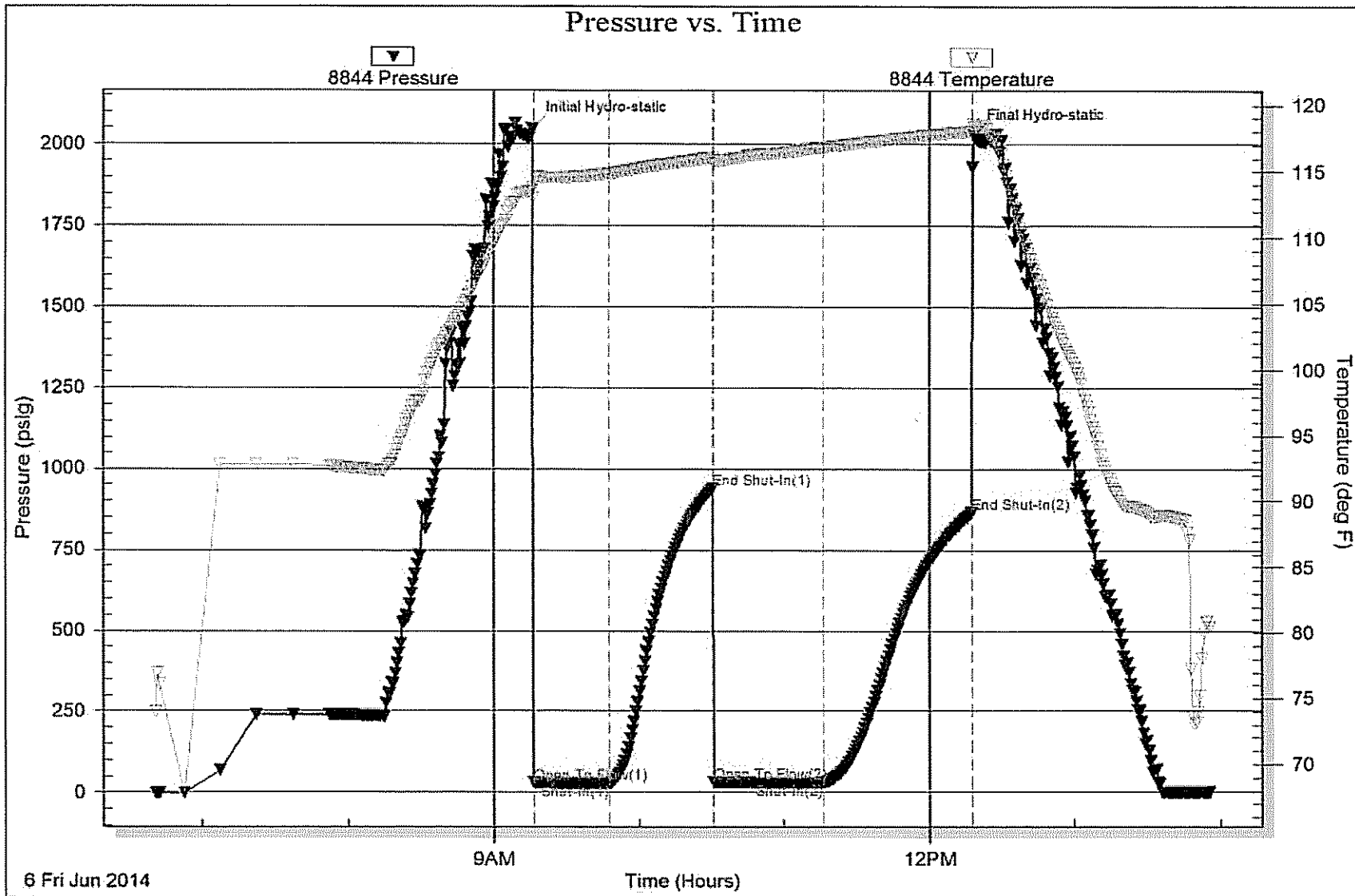
Num Gas Bombs: 0

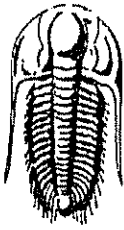
Serial #:

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: Brad Rine

32-12s-31w Gove, Ks
Power Unit #1-35
 Job Ticket: 59064 DST#: 4
 Test Start: 2014.06.08 @ 09:20:32

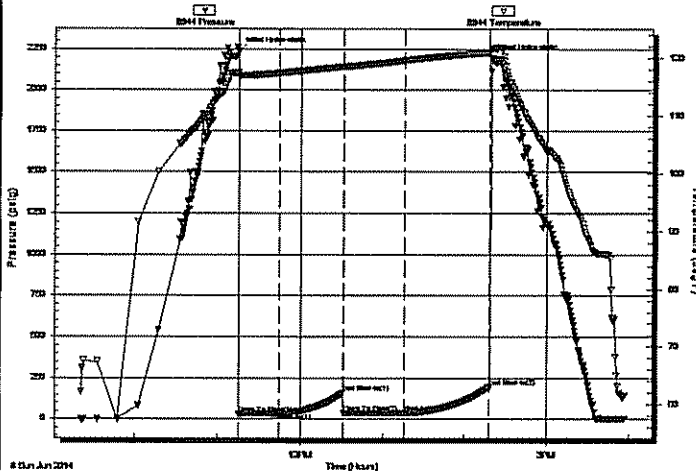
GENERAL INFORMATION:

Formation: **Johnson, Upper Morro**
 Deviated: No Whipstock: 0.00 ft (KB)
 Time Tool Opened: 11:15:17
 Time Test Ended: 15:57:32
 Interval: **4502.00 ft (KB) To 4570.00 ft (KB) (TVD)**
 Total Depth: 4570.00 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: 2940.00 ft (KB)
 2931.00 ft (CF)
 KB to GR/CF: 9.00 ft

Serial #: **8844** Outside
 Press@RunDepth: 38.12 psig @ 4503.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.06.08 End Date: 2014.06.08 Last Calib.: 2014.06.08
 Start Time: 09:20:32 End Time: 15:57:32 Time On Btm: 2014.06.08 @ 11:15:02
 Time Off Btm: 2014.06.08 @ 14:19:47

TEST COMMENT: Slide tool 5' to bottom 3/4" in blow died in 24 min.
 No return
 Surface blow died in 13 min.
 No return

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2232.68	117.55	Initial Hydro-static
1	32.04	116.61	Open To Flow (1)
30	35.10	117.43	Shut-In(1)
76	161.55	118.53	End Shut-In(1)
77	36.02	118.50	Open To Flow (2)
121	38.12	119.59	Shut-In(2)
184	198.95	120.98	End Shut-In(2)
185	2194.32	121.62	Final Hydro-static

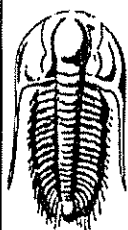
Recovery

Length (ft)	Description	Volume (bbl)
25.00	v s o c m 3% @ 97% m	0.35

* 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

32-12s-31w Gove, Ks

301 S Market ST
Wichita Ks, 67202

Power Unit #1-35

Job Ticket: 59064

DST#: 4

ATTN: Brad Rine

Test Start: 2014.06.08 @ 09:20:32

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: 54.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.98 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 bbf
25.00	v s o c m 3% o 97% m	0.351

Total Length: 25.00 ft

Total Volume: 0.351 bbf

Num Fluid Samples: 0

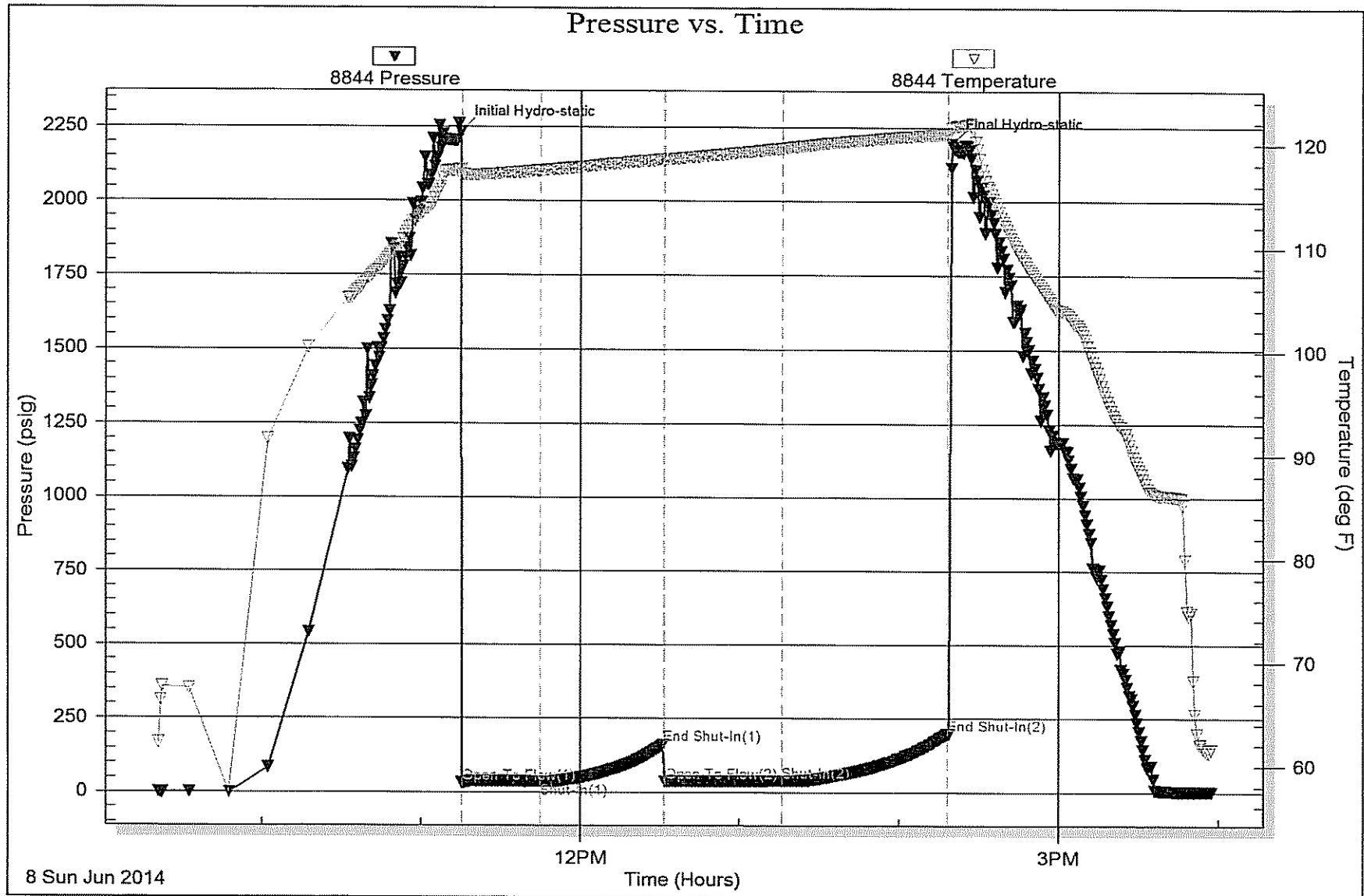
Num Gas Bombs: 0

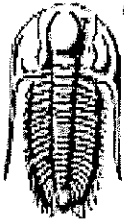
Serial #:

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: Brad Rine

32-12s-31w Gove, Ks

Power Unit #1-35

Job Ticket: 59065

DST#: 5

Test Start: 2014.06.09 @ 23:39:10

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 02:21:25

Time Test Ended: 08:25:40

Test Type: Conventional Straddle (Reset)

Tester: Shane McBride

Unit No: 55

Interval: 4563.00 ft (KB) To 4601.00 ft (KB) (TVD)

Total Depth: 4740.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2940.00 ft (KB)

2931.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6771 Inside

Press@RunDepth: 24.32 psig @ 4564.00 ft (KB)

Start Date: 2014.06.09

End Date: 2014.06.10

Capacity: 8000.00 psig

Last Calib.: 2014.06.10

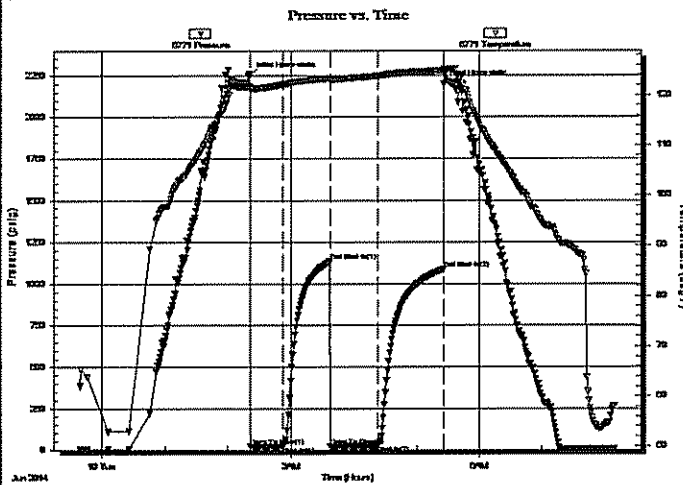
Start Time: 23:39:10

End Time: 08:09:40

Time On Btm: 2014.06.10 @ 02:21:10

Time Off Btm: 2014.06.10 @ 05:25:40

TEST COMMENT: Weak blow died in 15 min.
No return
No blow
No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2250.23	121.68	Initial Hydro-static
1	20.92	121.15	Open To Flow (1)
31	22.32	122.07	Shut-In(1)
76	1134.14	123.28	End Shut-In(1)
76	22.58	122.73	Open To Flow (2)
121	24.32	123.74	Shut-In(2)
184	1088.59	124.79	End Shut-In(2)
185	2200.63	125.14	Final Hydro-static

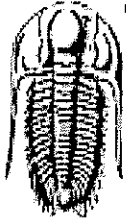
Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud 100%m	0.14

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Lario Oil & Gas Company

32-12s-31w Gove, Ks

301 S Market ST
Wichita KS 67202

Power Unit #1-35

Job Ticket: 59065 DST#: 5

ATTN: Brad Rine

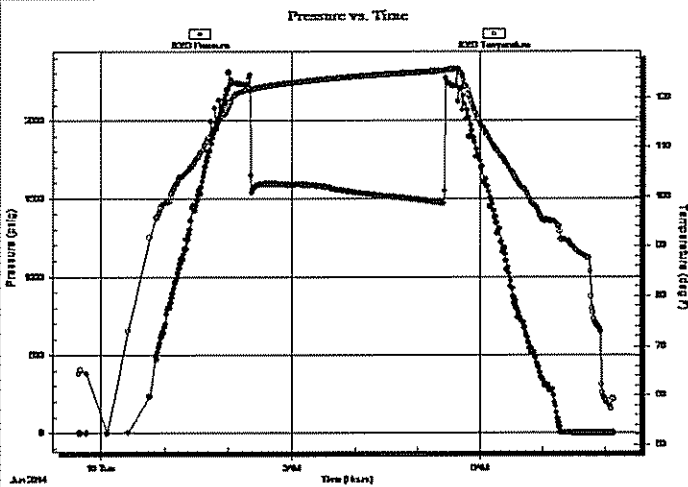
Test Start: 2014.06.09 @ 23:39:10

GENERAL INFORMATION:

Formation: **Morrow**
 Deviated: No Whipstock: 0.00 ft (KB)
 Time Tool Opened: 02:21:25
 Time Test Ended: 08:25:40
 Interval: **4563.00 ft (KB) To 4601.00 ft (KB) (TVD)**
 Total Depth: **4740.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: Fair
 Test Type: Conventional Straddle (Reset)
 Tester: Shane McBride
 Unit No: 55
 Reference Elevations: 2940.00 ft (KB)
 2931.00 ft (CF)
 KB to GR/CF: 9.00 ft

Serial #: **8353** Below (Straddle)
 Press@RunDepth: psig @ 4608.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.06.09 End Date: 2014.06.10 Last Calib.: 2014.06.10
 Start Time: 23:39:02 End Time: 08:07:32 Time On Btm:
 Time Off Btm:

TEST COMMENT: Weak blow died in 15 min.
 No return
 No blow
 No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

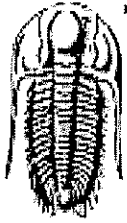
Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud 100%m	0.14

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

32-12s-31w Gove, Ks

301 S Market ST
Wichita KS 67202

Power Unit #1-35

Job Ticket: 59065

DST#: 5

ATTN: Brad Rine

Test Start: 2014.06.09 @ 23:39:10

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: 40.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	mud 100% _m	0.140

Total Length: 10.00 ft

Total Volume: 0.140 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

