



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1161730
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: _____



1161730

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
--	---

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
---	--

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> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Feiertag A 9-15
Doc ID	1161730

All Electric Logs Run

ACRT
MICRO
DSNT
SDLT

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Feiertag A 9-15
Doc ID	1161730

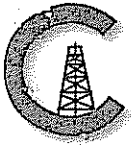
Tops

Name	Top	Datum
Heebner	3821	-854
Lansing	3870	-903
Stark Shale	4156	-1189
Hushpuckney	4215	-1248
Base KC	4287	-1320
Marmaton	4316	-1349
Pawnee	4392	-1425
Ft. Scott	4418	-1451
Johnson	4507	-1540
Morrow	4584	-1617
Basal Penn	4596	-1629
Mississippian	4623	-1656

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Feiertag A 9-15
Doc ID	1161730

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	4340 - 4343	500 g 15% NEFE	4340 - 4354
4	4350 - 4354		
4	4655 - 4664	500 g 15% NEFE	4655 - 4664
4	4232 - 4238	250 g 15% NEFE	4232 - 4238
4	3988 - 3996	100 sx Class A neat	3988 - 3996
4	3913 - 3920	250 g 15% NEFE	3913 - 3920



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 # 263685

=====
Invoice Date: 10/31/2013 Terms: Page 1

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

FEIER TAS A 9-15
15-19-33

*Feiertag A 9-15
drilling AFE 13.268
11-6-13 LK*

Part Number	Description	Qty	Unit Price	Total
1104S	CLASS "A" CEMENT (SALE)	375.00	18.5500	6956.25
1102	CALCIUM CHLORIDE (50#)	1058.00	.9400	994.52
1118B	PREMIUM GEL / BENTONITE	705.00	.2700	190.35

Sublet Performed	Description	Total
9996-130	CEMENT MATERIAL DISCOUNT	-814.11
9995-130	CEMENT EQUIPMENT DISCOUNT	-259.20

Description	Hours	Unit Price	Total
456 CEMENT PUMP (SURFACE)	1.00	1150.00	1150.00
456 EQUIPMENT MILEAGE (ONE WAY)	40.00	5.25	210.00
460 TON MILEAGE DELIVERY	1.00	616.00	616.00
566 TON MILEAGE DELIVERY	1.00	616.00	616.00

HC

NOV 8 2013
LS

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Parts: 8141.12 Freight: .00 Tax: 597.14 AR 10256.95
Labor: .00 Misc: .00 Total: 10256.95
Sublt: -1073.31 Supplies: .00 Change: .00
=====

Signed _____ Date _____

MARTLESVILLE, OK 818/338-0908 EL DORADO, KS 316/322-7022 EUREKA, KS 620/583-7664 PONCA CITY, OK 580/762-2303 OAKLEY, KS 785/672-8822 OTTAWA, KS 785/242-4044 THAYER, KS 620/839-5269 GILLETTE, WY 307/686-4914 CUSHING, OK 918/225-2650

Rebill to Lario - Invoice # 26385

263252



TICKET NUMBER 44375
 LOCATION Oakley, Ks.
 FOREMAN Dauen, Jerme

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	
10/14/13	47214793	Feiertag A 9-15	15	19	33	Scott	
CUSTOMER <u>Lario oil & Gas</u>		CITY <u>Scott City</u>		TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS <u>P.O. Box 1093</u>		STATE <u>KS</u>		ZIP CODE <u>6</u>	<u>456</u>	<u>Tuler L</u>	
CITY <u>Garden City</u>		STATE <u>KS</u>		ZIP CODE <u>6</u>	<u>460</u>	<u>Jerme R</u>	
CITY <u>Garden City</u>		STATE <u>KS</u>		ZIP CODE <u>6</u>	<u>566</u>	<u>Merle Roberts</u>	

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 409 CASING SIZE & WEIGHT 9 5/8 32.3
 CASING DEPTH 415 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.8 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT IN CASING 30'
 DISPLACEMENT 30.29 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety Meeting Rig up on Val #7 Run casing Break Circulation with Rig Pump, Hook up to Pump Truck mix 375 sks Cement Com with 3% CC 2% Gel Displaced with 30.29 bbl water & shut in

Cement Did Circulate

Approx 10 sks To Pit

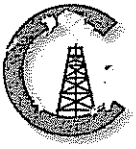
Thanks Dauen + Crew

ACCOUNT CODE	QUANTITY OF UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	1150.00	1150.00
5406	40	MILEAGE	5.25	210.00
5407A	17.6	Ten Mileage Delivery	7.5	132.00
11045	375 sks	Class 'A' Cement	18.55	6956.25
1102	1058 "	Calcium Chloride	91	974.58
1118 B	705 "	Bentonite	22	155.10
			Sub Total	10733.13
			Less 10%	1073.31
			Sub Total	9659.82
			8.15% SALES TAX	597.14
			ESTIMATED TOTAL	10256.95

Ravin 3737

AUTHORIZATION [Signature] TITLE Rig manager 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 # 263607

=====
Invoice Date: 10/31/2013 Terms: 10/10/30,n/30 Page 1
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LARIO OIL & GAS
P.O. BOX 1093
GARDEN CITY KS 637846
(316)265-5611

FEIERTAG A 9-15
44476
15-19S-33W
10-29-2013
KS

drilling/AFF 13 268
11-6-13 LK

Part Number	Description	Qty	Unit Price	Total
1126	OIL WELL CEMENT	240.00	23.7000	5688.00
1131	60/40 POZ MIX	400.00	15.8600	6344.00
1110A	KOL SEAL (50# BAG)	1200.00	.5600	672.00
1107	FLO-SEAL (25#)	100.00	2.9700	297.00
1118B	PREMIUM GEL / BENTONITE	2752.00	.2700	743.04
1144G	MUD FLUSH (SALE)	500.00	1.0000	500.00
4107	CEMENT BASKET 7"	1.00	336.0000	336.00
4131	CENTRALIZER 7"	18.00	72.5000	1305.00
4164	FLOAT SHOE 7" AFU	1.00	577.5000	577.50
4278A	DV TOOL-WEATHERFORD 7"	1.00	8900.0000	8900.00
4455	7" LATCH DOWN PLUG	1.00	650.0000	650.00

Sublet Performed	Description	Total
9996-130	CEMENT MATERIAL DISCOUNT	-2601.25
9995-130	CEMENT EQUIPMENT DISCOUNT	-537.86

Description	Hours	Unit Price	Total
T-118 SINGLE PUMP	1.00	3175.00	3175.00
T-118 EQUIPMENT MILEAGE (ONE WAY)	40.00	5.25	210.00
T-129 TON MILEAGE DELIVERY	1.00	996.80	996.80
566 TON MILEAGE DELIVERY	1.00	996.80	996.80

NOV 8 2013

LLS

Amount Due 33511.18 if paid after 11/30/2013

Parts:	26012.54	Freight:	.00	Tax:	1908.04	AR	30160.07
Labor:	.00	Misc:	.00	Total:	30160.07		
Sublt:	-3139.11	Supplies:	.00	Change:	.00		

Signed _____ Date _____



CONSOLIDATED
Oil Well Services, LLC

263607

TICKET NUMBER 44476

LOCATION Oakley KS

FOREMAN Mikes Shaw

Walt Drinkel

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

FIELD TICKET & TREATMENT REPORT

CEMENT

KS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-29-13	4793	Ferretas A 9-15	15	195	33W	Scott
CUSTOMER		Sebbitt Co 65 3U N. Inb				
MAILING ADDRESS		Lacio Oil Gas				
CITY		STATE	ZIP CODE			
			TRUCK #	DRIVER	TRUCK #	DRIVER
			530T118	Dane		
			516	Steven O		
			529TD9	Jeremy R / Scheff		

JOB TYPE 2 Stage HOLE SIZE 1 1/4" HOLE DEPTH 4794 CASING SIZE & WEIGHT 7" 23#
 CASING DEPTH 4777 DRILL PIPE _____ TUBING _____ OTHER Dited @ 2793
 SLURRY WEIGHT 14.2/12.4 SLURRY VOL 1.42/1.9 WATER gal/sk _____ CEMENT LEFT in CASING 19.68
 DISPLACEMENT 175%/105% DISPLACEMENT PSI see below MIX PSI 0/1400 RATE _____

REMARKS: Safety meeting and rig upon Uall drilling rig #7 Float equipment
Centralizers on job # 2, 5, 8, 11, 14, 17, 20, 23, 26, 29, 32, 35, 38, 41, 44, 47, 59, 62 Basket on
59 Ditch tool top #59 @ 2793' Run casing to bottom circulate casing 1 1/2 hrs - Pump 5 bbls
Water mud flush 5 bbls water mix 190 SKS OWC w. 5# Kolsal down casing Shut down
Clear pump & lines release plug displace 77.50 bbls water 118 bbls mud with 800 PSI
1 1/4" Plug did not land Float held, Drop at opening lost on Ditch tool entry 700 PSI circulate
1 1/2 hrs - Pump 5 bbls water mix 350 SKS OWC w. 8# Kolsal 1 1/4" Hoseal down casing tail end with
50 SKS OWC #5 Kolsal Shut down cleared pump & lines released plug displaced 109 1/2 bbls
Water with 200 PSI 1 1/4" Plug land closed tool @ 1400 PSI Cement did circulate 2000 pit
mix 20 SKS RH 20 SKS MH Thanks Mikes & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401C	1	PUMP CHARGE	3175.00	3175.00 ✓
5406	40	MILEAGE	5.25	210.00 ✓
5407A	28.48 tons	ton mileage delivery	1.75	1993.60 ✓
1126	240 SKS	OWC	23.70	5688.00 ✓
1131	400 SKS	60/40002	15.86	6344.00 ✓
110A	1200 #		15.60	6720.00 ✓
1107	100 #		2.97	297.00 ✓
1118B	2752 #		1.27	743.04 ✓
1144G	500 gal	Mud Flush	1.00	500.00 ✓
4107	1	Cement Basket 7"	336.00	336.00 ✓
4131	18	7" Centralizers	72.50	1305.00 ✓
4164	1	7" AFU Float shoe	577.50	577.50 ✓
4278A	1	7" Ditch tool	890.00	890.00 ✓
4455	1	7" catch down plug	650.00	650.00 ✓
			Subtotal	31391.14 ✓
			less 10% discount	31391.11 ✓
			Subtotal	28252.03 ✓
			8.15	SALES TAX 1908.04 ✓
				ESTIMATED TOTAL 30160.07 ✓

Ravin 3737

AUTHORIZATION Center Oil TITLE Foreman DATE 10/29/13

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.



INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 139898
Invoice Date: Nov 20, 2013
Page: 1

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

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

Customer ID	Field Ticket #	Payment Terms	
Lario	61380	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-05	Oakley	Nov 20, 2013	12/20/13

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Feiertag A #9-15		
100.00	CEMENT MATERIALS	Class A Common	17.90	1,790.00
100.00	CEMENT SERVICE	Cubic Feet	2.48	248.00
258.50	CEMENT SERVICE	Ton Mileage	2.60	672.10
1.00	CEMENT SERVICE	Squeeze	2,558.75	2,558.75
55.00	CEMENT SERVICE	Pump Truck Mileage	7.70	423.50
1.00	CEMENT SERVICE	Squeeze Manifold Rental	300.00	300.00
55.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	242.00
1.00	CEMENT SUPERVISOR	Kelly Gabel		
1.00	EQUIPMENT OPERATOR	Wayne Mc Ghghy		
1.00	OPERATOR ASSISTANT	Brandon Wilkinson		

Handwritten signatures and initials
 DEC 4 2013
Handwritten initials: R, S, P, 35

Subtotal	6,234.35
Sales Tax	508.10
Total Invoice Amount	6,742.45
Payment/Credit Applied	
TOTAL	6,742.45

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

\$ 1,242.67

ONLY IF PAID ON OR BEFORE
Dec 15, 2013

ALLIED OIL & GAS SERVICES, LLC 061380

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: Oshtemo KS

DATE <u>11-20-13</u>	SEC. <u>15</u>	TWP. <u>19S</u>	RANGE <u>32W</u>	CALLED OUT	ON LOCATION <u>6:30AM</u>	JOB START <u>11:30AM</u>	JOB FINISH <u>12:00PM</u>
LEASE <u>Fierberg A</u>	WELL# <u>9-15</u>	LOCATION <u>Scott city 65301 NKS</u>			COUNTY <u>Scott</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)			<u>5 side</u>				

CONTRACTOR #2 Piggins OWNER Jame

TYPE OF JOB Squeeze

HOLE SIZE 1 T.D. _____ CEMENT _____

CASING SIZE 5" DEPTH _____ AMOUNT ORDERED 100 SKS COM

TUBING SIZE 2 7/8 DEPTH _____

DRILL PIPE DEPTH _____

TOOL DEPTH _____

PRES. MAX _____ MINIMUM _____ COMMON 100 SKS @ 1769 176950

MEAS. LINE _____ SHOE JOINT _____ POZMIX _____ @ _____

CEMENT LEFT IN CSG. _____ GEL _____ @ _____

PERFS. 3988 - 3994 CHLORIDE _____ @ _____

DISPLACEMENT _____ ASC _____ @ _____

EQUIPMENT

PUMP TRUCK CEMENTER Kelly

38422 HELPER Wayne

BULK TRUCK _____ @ _____

386310 DRIVER Breandor

BULK TRUCK _____ @ _____

_____ DRIVER _____

COMMON 100 SKS @ 1769 176950

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

ASC _____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING 100 SKS @ 248 24800

MILEAGE 4.7 hr x 55 x 250 672.50

TOTAL 2689.10

REMARKS:

rigged up tested tools to locat
pressured back side to 500 psi, took injection
rate down tubing at 3000 psi in 1200' mixed
100 SKS COM, displaced with 2000' water
staged on cement squeezed to
1000'

Shankel
Kelly

SERVICE

DEPTH OF JOB 3941

PUMP TRUCK CHARGE 2558.25

EXTRA FOOTAGE _____ @ _____

MILEAGE 4.7 hr x 55 @ 440 242.00

MANIFOLD squeeze @ 302.50

MIV 55 @ 770 423.00

TOTAL 3524.35

CHARGE TO: Lurie Oil & Gas

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) _____

TOTAL CHARGES 6,213.35

DISCOUNT 1,242.67 IF PAID IN 30 DAYS

4,970.68 Net.

PRINTED NAME Jason Majors

SIGNATURE Jason Majors AFE 13-268



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas

S15-19s-33w Scott, KS

301 S. Market St.
Wichita, KS 67202

Feiertag A # 9-15

Job Ticket: 55532

DST#: 1

ATTN: Bob Bayer

Test Start: 2013.10.19 @ 22:50:00

GENERAL INFORMATION:

Formation: **Toronto**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:20:50

Time Test Ended: 07:50:19

Test Type: Conventional Bottom Hole (Initial)

Tester: Chuck Smith

Unit No: 62

Interval: **3814.00 ft (KB) To 3870.00 ft (KB) (TVD)**

Reference Elevations: 2967.00 ft (KB)

Total Depth: 3870.00 ft (KB) (TVD)

Hole Diameter: 8.75 inches Hole Condition: Good

ft (CF)

KB to GR/CF: ft

Serial #: 6741

Inside

Press@RunDepth: 802.15 psig @ 3834.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.10.19

End Date:

2013.10.20

Last Calib.: 2013.10.20

Start Time: 22:50:02

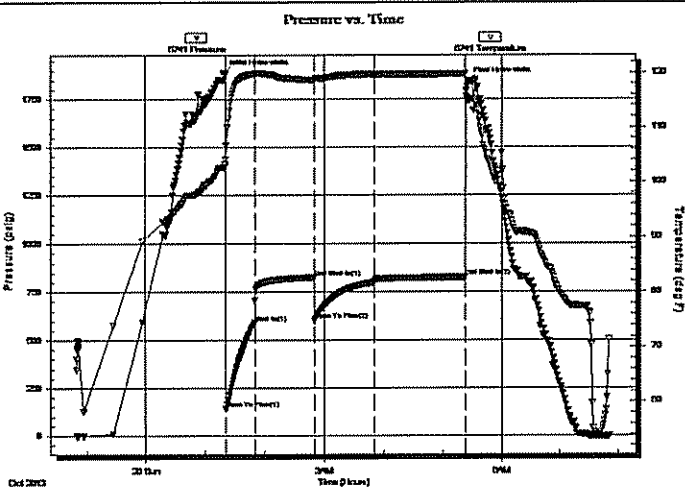
End Time:

07:50:19

Time On Btm: 2013.10.20 @ 01:19:00

Time Off Btm: 2013.10.20 @ 05:25:30

TEST COMMENT: B.O.B. @ 2 min.
Weak surface return died @ 15 min.
B.O.B. @ 4 min.
No return.



PRESSURE SUMMARY

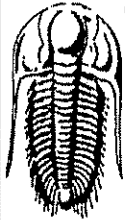
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1889.16	102.55	Initial Hydro-static
2	140.99	104.04	Open To Flow (1)
32	590.66	119.80	Shut-In(1)
91	826.17	118.59	End Shut-In(1)
92	601.30	118.52	Open To Flow (2)
152	802.15	119.65	Shut-In(2)
245	827.56	119.78	End Shut-In(2)
247	1846.64	114.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	RW: .160 @ 53 Degrees F = 64000 PPM	0.00
744.00	MV 5m 95w	10.44
620.00	OSMV 20m 80w	8.70
248.00	OSWM 30w 70m	3.48
124.00	OSWM 5w 95m	1.74

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas

S15-19s-33w Scott, KS

301 S. Market St.
Wichita, KS 67202

Feiertag A # 9-15

Job Ticket: 55532

DST#: 1

ATTN: Bob Bayer

Test Start: 2013.10.19 @ 22:50:00

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:

64000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
0.00	RW: .160 @ 53 Degrees F = 64000 PPM	0.000
744.00	MW 5m 95w	10.436
620.00	OSMW 20m 80w	8.697
248.00	OSWM 30w 70m	3.479
124.00	OSWM 5w 95m	1.739

Total Length: 1736.00 ft Total Volume: 24.351 bbf

Num Fluid Samples: 0

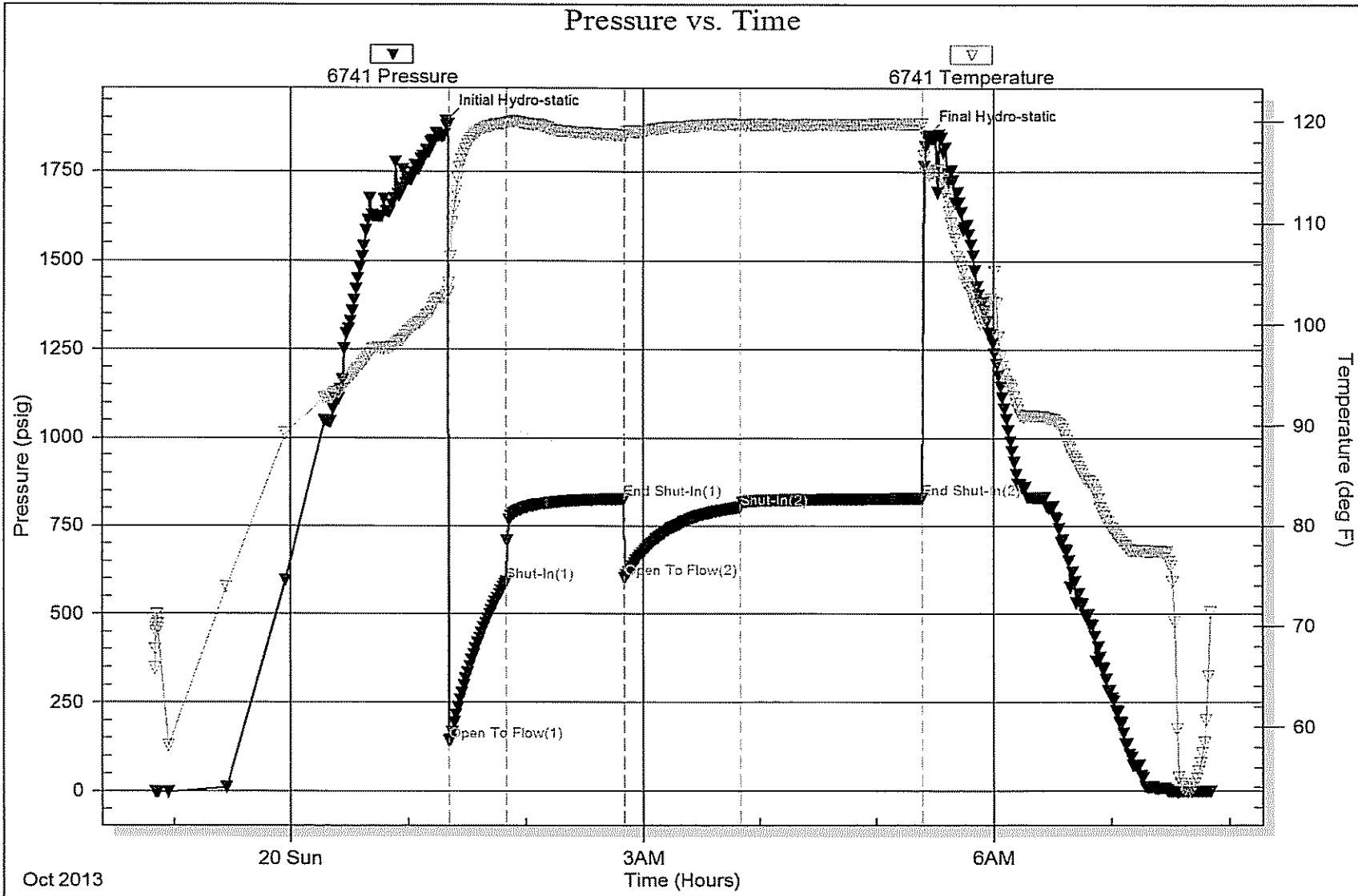
Num Gas Bombs: 0

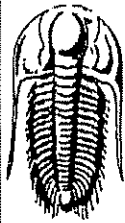
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 74 PPM H2S During recovery.





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas
 301 S. Market St.
 Wichita, KS 67202
 ATTN: Bob Bayer

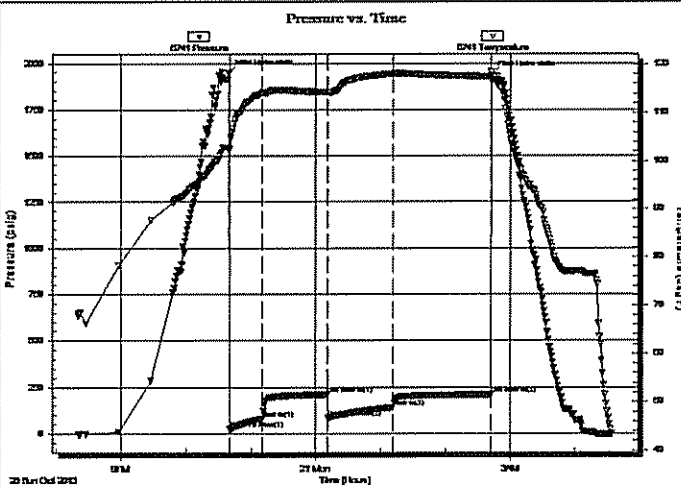
S15-19s-33w Scott, KS
Feiertag A # 9-15
 Job Ticket: 55533 DST#: 2
 Test Start: 2013.10.20 @ 20:21:00

GENERAL INFORMATION:

Formation: **Lansing B**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:40:20
 Time Test Ended: 04:34:50
 Interval: **3900.00 ft (KB) To 3925.00 ft (KB) (TVD)**
 Total Depth: **3925.00 ft (KB) (TVD)**
 Hole Diameter: **8.75 inches** Hole Condition: Good
 Test Type: **Conventional Bottom Hole (Reset)**
 Tester: **Chuck Smith**
 Unit No: **62**
 Reference Elevations: **2967.00 ft (KB)**
2957.00 ft (CF)
 KB to GR/CF: **10.00 ft**

Serial #: 6741 Inside
 Press@RunDepth: **141.82 psig @ 3922.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2013.10.20** End Date: **2013.10.21** Last Calib.: **2013.10.21**
 Start Time: **20:21:02** End Time: **04:34:50** Time On Btm: **2013.10.20 @ 22:39:00**
 Time Off Btm: **2013.10.21 @ 02:42:10**

TEST COMMENT: B.O.B. @ 15 min.
 2" Return.
 B.O.B. @ 32 min.
 3/4" Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1948.83	102.72	Initial Hydro-static
2	23.20	102.42	Open To Flow (1)
32	81.87	114.16	Shut-In(1)
92	211.23	114.33	End Shut-In(1)
92	86.39	114.29	Open To Flow (2)
153	141.82	118.03	Shut-In(2)
243	210.88	117.45	End Shut-In(2)
244	1935.93	118.43	Final Hydro-static

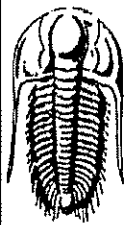
Recovery

Length (ft)	Description	Volume (bbl)
0.00	RW: .163 @ 53 Degrees F = 63000 PPM	0.00
124.00	OSMW 15m 85w	1.74
62.00	OSWM 10w 90m	0.87
72.00	GOCM 5g 40o 55m	1.01
0.00	115 Weak 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

S15-19s-33w Scott, KS

301 S. Market St.
Wichita, KS 67202

Feiertag A # 9-15

Job Ticket: 55533

DST#: 2

ATTN: Bob Bayer

Test Start: 2013.10.20 @ 20:21:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

29 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

63000 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
0.00	RW: .163 @ 53 Degrees F = 63000 PPM	0.000
124.00	OSMW 15m 85w	1.739
62.00	OSWM 10w 90m	0.870
72.00	GOCM 5g 40o 55m	1.010
0.00	115 Weak GIP	0.000

Total Length: 258.00 ft Total Volume: 3.619 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

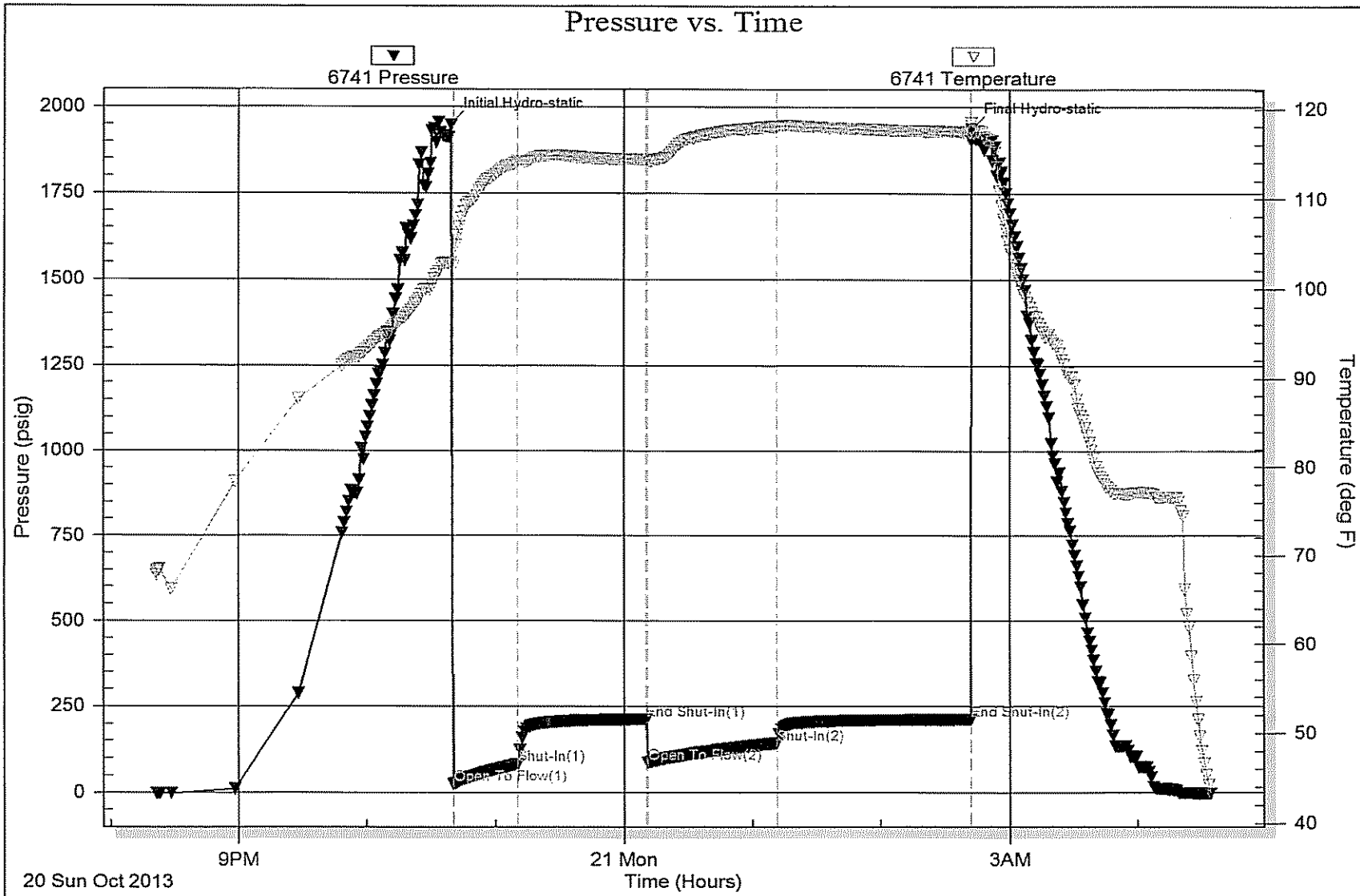
Recovery Comments: API: 27 @ 40 Degrees F = 29

Serial #: 6741

Inside Lario Oil & Gas

Feiertag A # 9-15

DST Test Number: 2





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas Co.

S15-19s-33w Scott, KS

301 S. Market St.
Wichita, KS 67202

Feiertag A # 9-15

Job Ticket: 55534

DST#: 3

ATTN: Bob Bayer

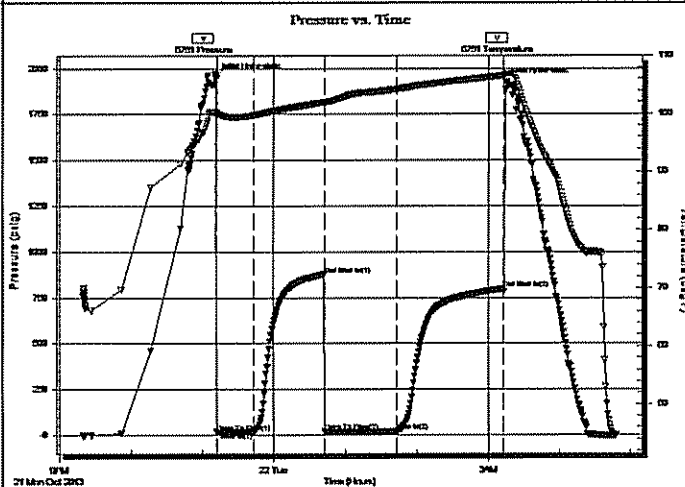
Test Start: 2013.10.21 @ 21:20:00

GENERAL INFORMATION:

Formation: **Lansing 'D'**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 23:12:20
 Time Test Ended: 04:48:09
 Interval: **3970.00 ft (KB) To 4000.00 ft (KB) (TVD)**
 Total Depth: **4000.00 ft (KB) (TVD)**
 Hole Diameter: **8.75 inches** Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Chuck Smith
 Unit No: 62
 Reference Elevations: 2967.00 ft (KB)
 2957.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 6751 Outside
 Press@RunDepth: 20.94 psig @ 3997.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.10.21 End Date: 2013.10.22 Last Calib.: 2013.10.22
 Start Time: 21:20:02 End Time: 04:48:10 Time On Blrm: 2013.10.21 @ 23:11:10
 Time Off Blrm: 2013.10.22 @ 03:14:30

TEST COMMENT: 1 1/2 " Blow.
 Very weak surface return.
 Surface blow.
 No return.



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1954.80	100.12	Initial Hydro-static
2	17.73	99.72	Open To Flow (1)
32	18.17	99.69	Shut-in(1)
91	878.46	101.95	End Shut-In(1)
92	19.63	101.55	Open To Flow(2)
152	20.94	104.20	Shut-In(2)
242	799.13	106.55	End Shut-In(2)
244	1923.77	106.82	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	OCM 10o 90m	0.14

* 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 Co.

S15-19s-33w Scott, KS

301 S. Market St.
Wichita, KS 67202

Feiertag A # 9-15

Job Ticket: 55534

DST#: 3

ATTN: Bob Bayer

Test Start: 2013.10.21 @ 21:20:00

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: 60.00 sec/qt

Cushion Volume:

bbf

Water Loss: 9.99 in²

Gas Cushion Type:

Gas Cushion Pressure:

psig

Resistivity: ohm.m

Salinity: 7000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
10.00	OCM 10o 90m	0.140

Total Length: 10.00 ft Total Volume: 0.140 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

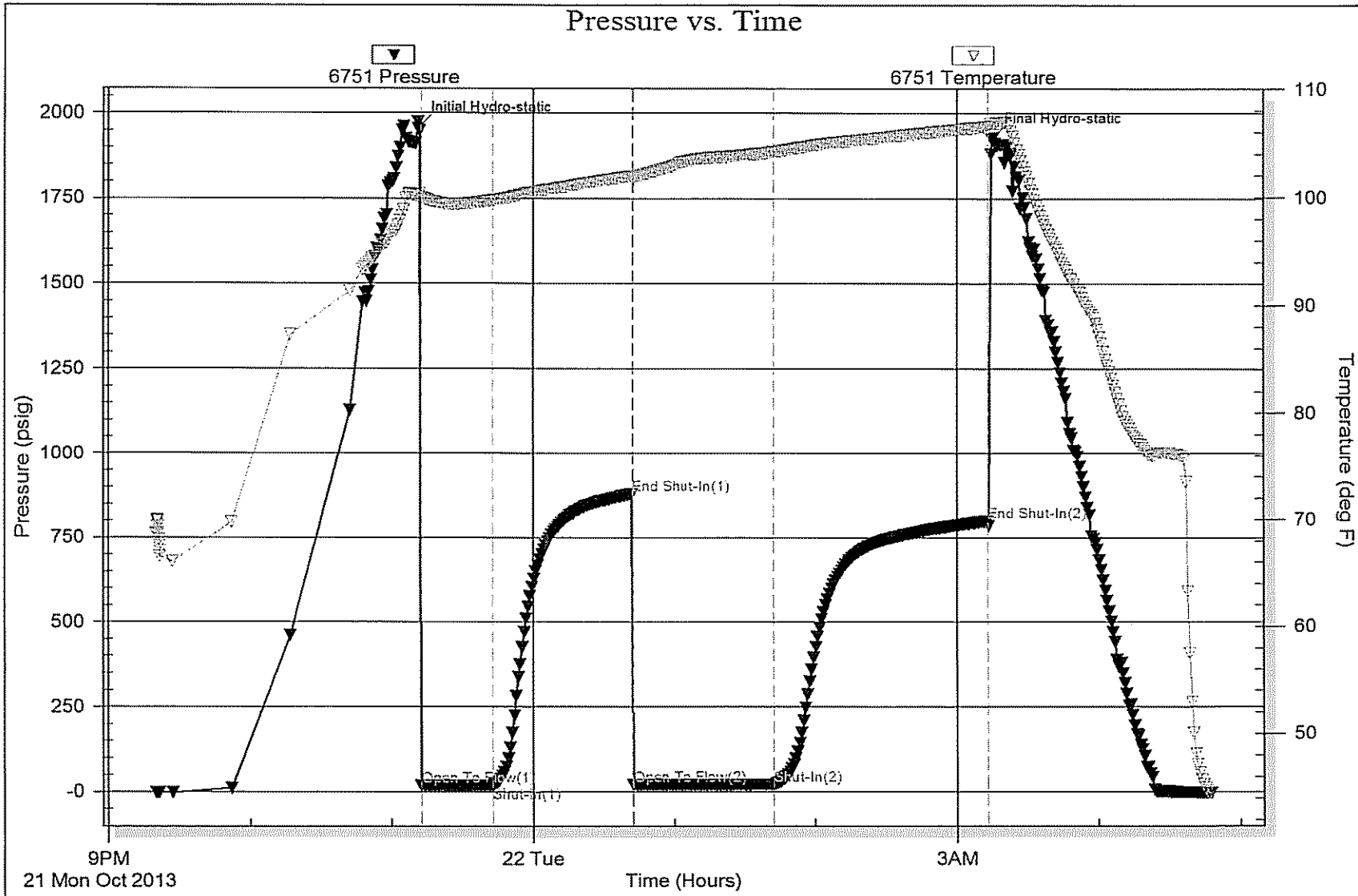
Recovery Comments:

Serial #: 6751

Outside Lario Oil & Gas Co.

Feiertag A # 9-15

DST Test Number: 3





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Co.

301 S. Market St.
Wichita, KS 67202

ATTN: Bob Bayer

S15-19s-33w Scott, KS

Feiertag A # 9-15

Job Ticket: 55535

DST#: 4

Test Start: 2013.10.23 @ 02:20:00

GENERAL INFORMATION:

Formation: **Lansing 'I'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:55:50

Time Test Ended: 10:09:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 62

Interval: **4100.00 ft (KB) To 4130.00 ft (KB) (TVD)**

Total Depth: **4130.00 ft (KB) (TVD)**

Hole Diameter: **8.75 inches** Hole Condition: Good

Reference Elevations: **2967.00 ft (KB)**

2957.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: 6741 Inside

Press@RunDepth: **135.74 psig @ 4127.00 ft (KB)**

Start Date: **2013.10.23**

End Date:

2013.10.23

Capacity: **8000.00 psig**

Last Calib.: **2013.10.23**

Start Time: **02:20:02**

End Time:

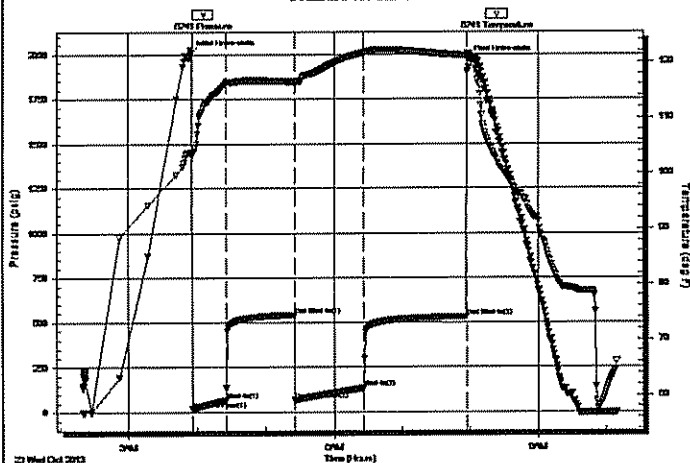
10:09:30

Time On Blm: **2013.10.23 @ 03:54:40**

Time Off Blm: **2013.10.23 @ 07:58:00**

TEST COMMENT: 11" Blow.
Very weak surface return.
B.O.B. @ 43 min.
No return.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2004.61	103.61	Initial Hydro-static
2	18.74	103.26	Open To Flow (1)
31	66.68	116.20	Shut-In(1)
91	543.00	116.49	End Shut-In(1)
92	68.33	116.20	Open To Flow (2)
152	135.74	121.67	Shut-In(2)
243	532.89	121.12	End Shut-In(2)
244	1965.84	121.50	Final Hydro-static

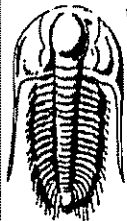
Recovery

Length (ft)	Description	Volume (bbl)
124.00	SOCMW 2o 10m 88w	1.74
62.00	SOCMW 3o 40m 57w	0.87
62.00	OCWM 5o 40w 55m	0.87
15.00	GMCO 3g 5m 92o	0.21

* 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 Co.

S15-19s-33w Scott, KS

301 S. Market St.
Wichita, KS 67202

Feiertag A # 9-15

Job Ticket: 55535

DST#: 4

ATTN: Bob Bayer

Test Start: 2013.10.23 @ 02:20:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

21 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

48000 ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbf

Water Loss: 6.00 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
124.00	SOCMV 2o 10m 88w	1.739
62.00	SOCMV 3o 40m 57w	0.870
62.00	OCWM 5o 40w 55m	0.870
15.00	GMCO 3g 5m 92o	0.210

Total Length: 263.00 ft Total Volume: 3.689 bbf

Num Fluid Samples: 0

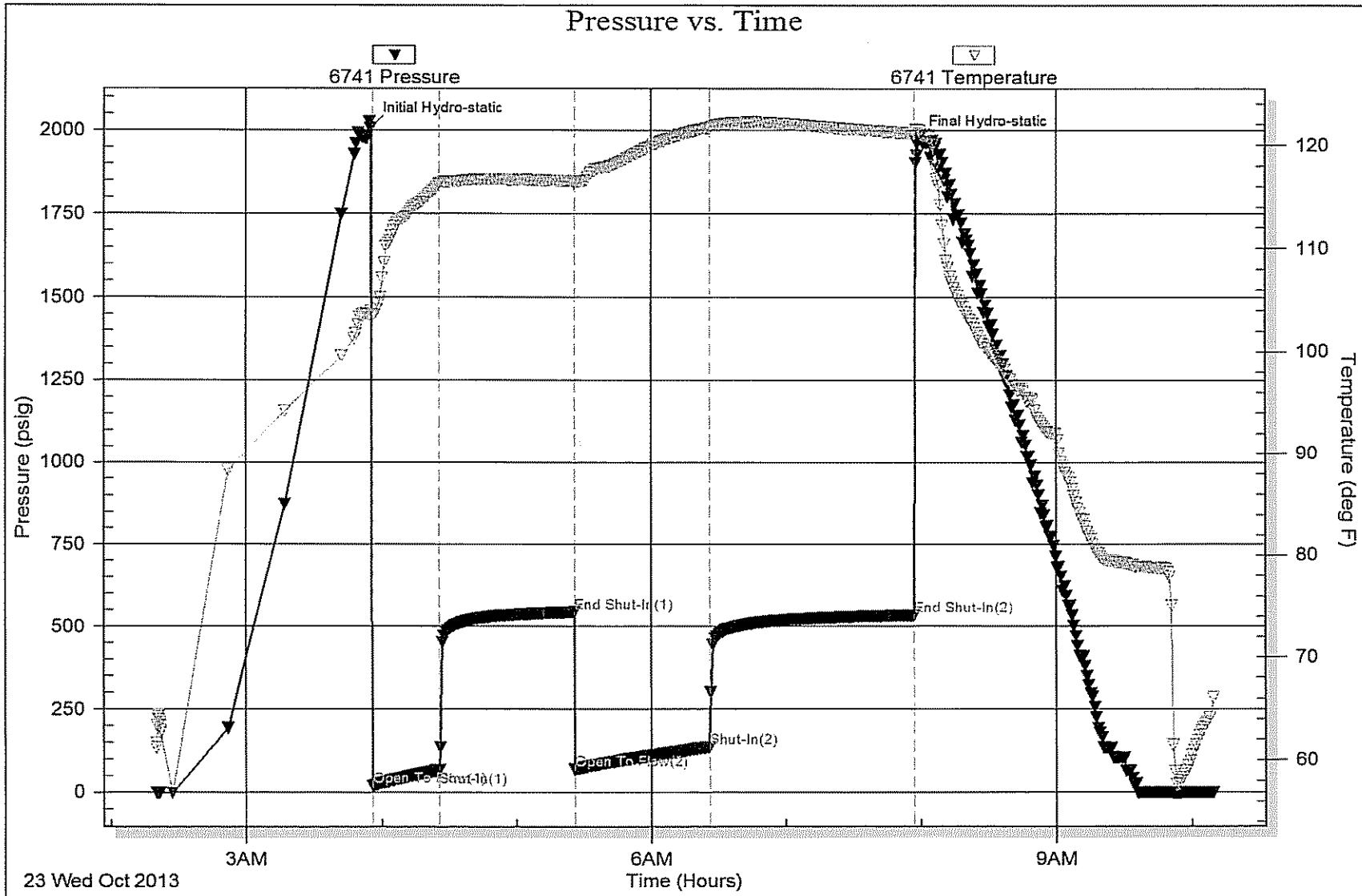
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API: 23 @ 80 Degrees F = 31 RW: 190. @ 59 Degrees F = 48000 PPM





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas Co.
301 S. Market St.
Wichita, KS 67202
ATTN: Bob Bayer

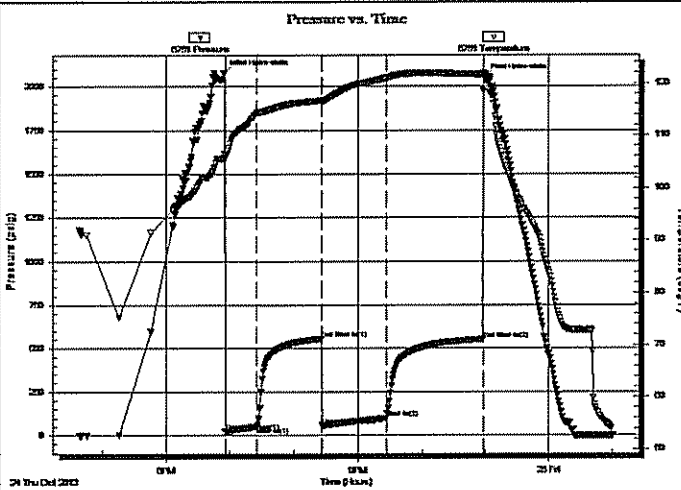
S15-19s-33w Scott, KS
Feiertag A # 9-15
Job Ticket: 55537 DST#: 6
Test Start: 2013.10.24 @ 16:39:00

GENERAL INFORMATION:

Formation: **Lansing 'L'**
Deviated: **No Whipstock:** ft (KB)
Time Tool Opened: 18:55:50
Time Test Ended: 01:00:50
Interval: **4225.00 ft (KB) To 4255.00 ft (KB) (TVD)**
Total Depth: **4255.00 ft (KB) (TVD)**
Hole Diameter: **8.75 inches** Hole Condition: **Good**
Test Type: **Conventional Bottom Hole (Reset)**
Tester: **Chuck Smith**
Unit No: **62**
Reference Elevations: **2967.00 ft (KB)**
2957.00 ft (CF)
KB to GR/CF: **10.00 ft**

Serial #: 6751 **Outside**
Press@RunDepth: **98.06 psig @ 4252.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2013.10.24** End Date: **2013.10.25** Last Calib.: **2013.10.25**
Start Time: **16:39:02** End Time: **01:00:50** Time On Btm: **2013.10.24 @ 18:54:20**
Time Off Btm: **2013.10.24 @ 22:58:40**

TEST COMMENT: 8" Blow.
No return.
10" Blow.
No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2074.96	105.71	Initial Hydro-static
2	20.53	105.70	Open To Flow (1)
32	50.64	114.31	Shut-In(1)
92	555.90	116.59	End Shut-In(1)
93	55.10	116.42	Open To Flow (2)
152	98.06	120.99	Shut-In(2)
244	551.38	121.63	End Shut-In(2)
245	2047.58	121.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	RW: .222 @ 52 Degrees F = 48000 PPM	0.00
62.00	OSMW 20m 80w	0.87
62.00	OSMW 50m 50w	0.87
56.00	OCM 45o 55m	0.79
0.00	68' Weak 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 Co.

S15-19s-33w Scott, KS

301 S. Market St.
Wichita, KS 67202

Feiertag A # 9-15

Job Ticket: 55537

DST#: 6

ATTN: Bob Bayer

Test Start: 2013.10.24 @ 16:39:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

25 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

48000 ppm

Viscosity: 67.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
0.00	RW: .222 @ 52 Degrees F = 48000 PPM	0.000
62.00	OSMV 20m 80w	0.870
62.00	OSMV 50m 50w	0.870
56.00	OCM 45o 55m	0.786
0.00	68' Weak GIP	0.000

Total Length: 180.00 ft Total Volume: 2.526 bbf

Num Fluid Samples: 0

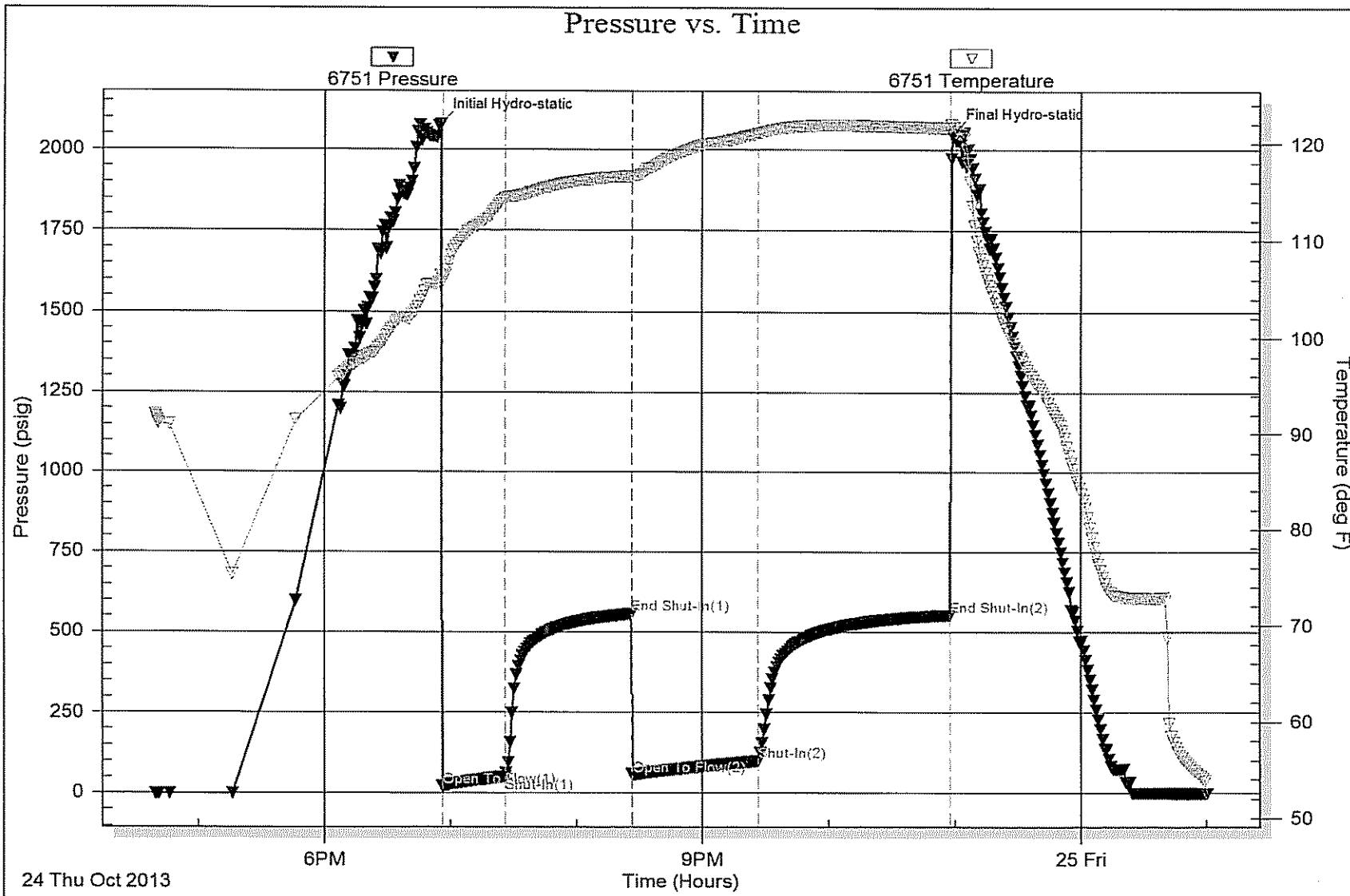
Num Gas Bombs: 0

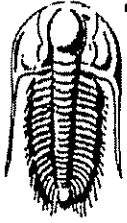
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API: 23 @ 40 Degrees F = 25.





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Co.

301 S. Market St.
Wichita, KS 67202

ATTN: Bob Bayer

S15-19s-33w Scott, KS

Feiertag A # 9-15

Job Ticket: 55539

DST#: 7

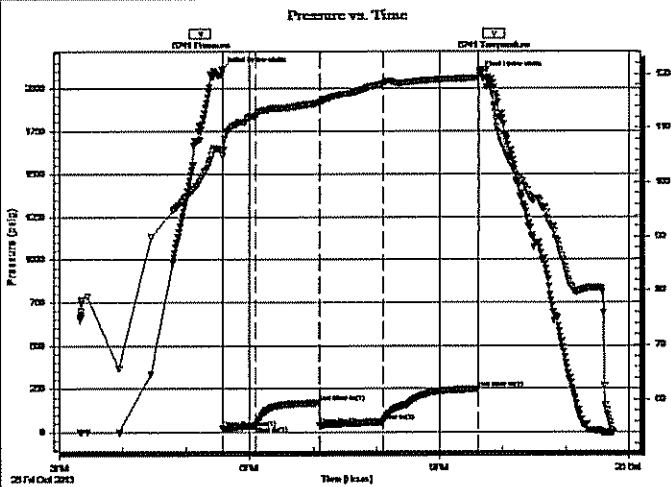
Test Start: 2013.10.25 @ 15:20:00

GENERAL INFORMATION:

Formation: **Marmaton 'B'**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 17:34:40
 Time Test Ended: 23:45:30
 Interval: **4335.00 ft (KB) To 4365.00 ft (KB) (TVD)**
 Total Depth: **4365.00 ft (KB) (TVD)**
 Hole Diameter: **8.75 inches** Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Chuck Smith
 Unit No: 62
 Reference Elevations: 2967.00 ft (KB)
 2957.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 6741 Inside
 Press@RunDepth: 59.58 psig @ 4362.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.10.25 End Date: 2013.10.25 Last Calib.: 2013.10.26
 Start Time: 15:20:02 End Time: 23:45:30 Time On Btm: 2013.10.25 @ 17:33:40
 Time Off Btm: 2013.10.25 @ 21:37:30

TEST COMMENT: B.O.B. @ 6 min.
 B.O.B. @ 35 min.
 B.O.B. @ 8 min.
 B.O.B. @ 26 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2106.52	106.03	Initial Hydro-static
1	20.35	104.91	Open To Flow (1)
33	36.37	112.20	Shut-in(1)
92	170.26	114.56	End Shut-in(1)
93	40.01	114.63	Open To Flow (2)
153	59.58	118.25	Shut-in(2)
243	246.37	119.25	End Shut-in(2)
244	2075.15	120.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	OCM 5o 95m Some emulsion	0.87
50.00	GOCM 15g 15o 70m Some emulsion	0.70
0.00	630' Weak 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 Co.

S15-19s-33w Scott, KS

301 S. Market St.
Wichita, KS 67202

Feiertag A # 9-15

Job Ticket: 55539

DST#: 7

ATTN: Bob Bayer

Test Start: 2013.10.25 @ 15:20:00

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: 60.00 sec/qt

Cushion Volume:

bbf

Water Loss: 6.40 in²

Gas Cushion Type:

Gas Cushion Pressure:

psig

Resistivity: ohm.m

Salinity: 5200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
62.00	OCM 5o 95m Some emulsion	0.870
50.00	GOCM 15g 15o 70m Some emulsion	0.701
0.00	630' Weak GIP	0.000

Total Length: 112.00 ft Total Volume: 1.571 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

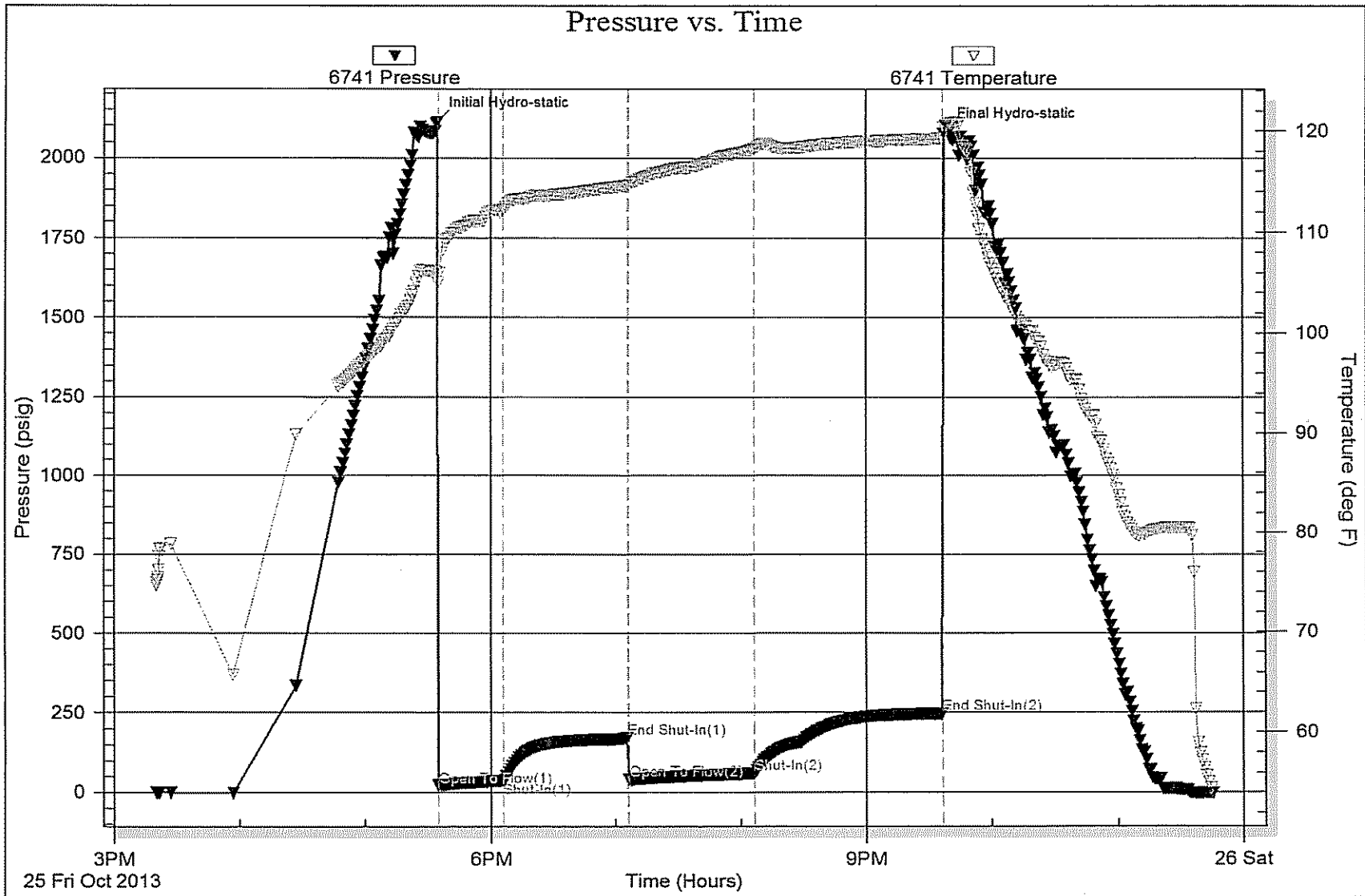
Recovery Comments:

Serial #: 6741

Inside Lario Oil & Gas Co.

Feiertag A # 9-15

DST Test Number: 7





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas Co.

S15-19s-33w Scott, KS

301 S. Market St.
Wichita, KS 67202

Feiertag A # 9-15

Job Ticket: 55540

DST#: 8

ATTN: Bob Bayer

Test Start: 2013.10.27 @ 02:02:00

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:38:20

Time Test Ended: 09:28:39

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 62

Interval: 4585.00 ft (KB) To 4620.00 ft (KB) (TVD)

Reference Elevations: 2967.00 ft (KB)

Total Depth: 4620.00 ft (KB) (TVD)

2957.00 ft (CF)

Hole Diameter: 8.75 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 6741

Inside

Press@RunDepth: 19.38 psig @ 4617.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.10.27

End Date:

2013.10.27

Last Calib.: 2013.10.27

Start Time: 02:02:02

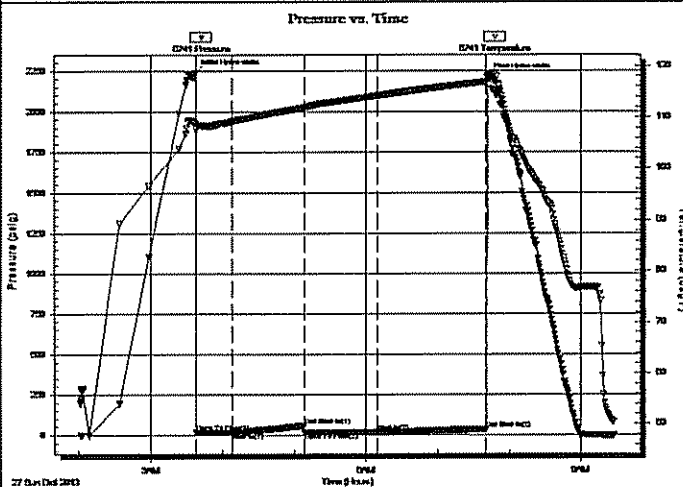
End Time:

09:28:40

Time On Btm: 2013.10.27 @ 03:37:10

Time Off Btm: 2013.10.27 @ 07:41:10

TEST COMMENT: 1/2" Blow receded to weak surface blow.
Weak surface return.
Weak surface blow.
No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2236.43	108.93	Initial Hydro-static
2	17.50	107.68	Open To Flow (1)
31	18.61	109.24	Shut-In(1)
92	59.53	111.89	End Shut-In(1)
92	19.27	111.88	Open To Flow (2)
152	19.38	114.22	Shut-In(2)
243	35.66	116.91	End Shut-In(2)
244	2204.09	117.69	Final Hydro-static

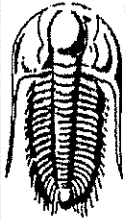
Recovery

Length (ft)	Description	Volume (bbl)
10.00	SOCM 2o 98m	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 Co.
301 S. Market St.
Wichita, KS 67202
ATTN: Bob Bayer

S15-19s-33w Scott, KS
Feiertag A # 9-15
Job Ticket: 55540 DST#: 8
Test Start: 2013.10.27 @ 02:02:00

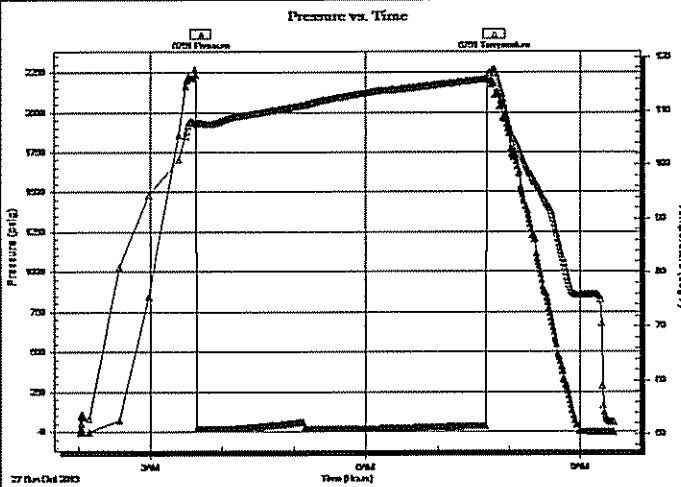
GENERAL INFORMATION:

Formation: **Morrow**
Deviated: **No** Whipstock: ft (KB)
Time Tool Opened: 03:38:20
Time Test Ended: 09:28:39
Interval: **4585.00 ft (KB) To 4620.00 ft (KB) (TVD)**
Total Depth: **4620.00 ft (KB) (TVD)**
Hole Diameter: **8.75 inches** Hole Condition: **Good**

Test Type: **Conventional Bottom Hole (Reset)**
Tester: **Chuck Smith**
Unit No: **62**
Reference Elevations: **2967.00 ft (KB)**
2957.00 ft (CF)
KB to GR/CF: **10.00 ft**

Serial #: 6751 **Outside**
Press@RunDepth: psig @ 4617.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2013.10.27 End Date: 2013.10.27 Last Calib.: 2013.10.27
Start Time: 02:01:53 End Time: 09:28:31 Time On Blm: Time Off Blm:

TEST COMMENT: 1/2" Blow receded to weak surface blow.
Weak surface return.
Weak surface blow.
No return.

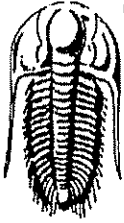


PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery		
Length (ft)	Description	Volume (bbl)
10.00	SOCM 2o 98m	0.14

* 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 Co.

S15-19s-33w Scott, KS

301 S. Market St.
Wichita, KS 67202

Feiertag A # 9-15

Job Ticket: 55540

DST#: 8

ATTN: Bob Bayer

Test Start: 2013.10.27 @ 02:02:00

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: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Gas Cushion Pressure:

psig

Resistivity: ohm.m

Salinity: 5200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	SOCM 2o 98m	0.140

Total Length: 10.00 ft Total Volume: 0.140 bbl

Num Fluid Samples: 0

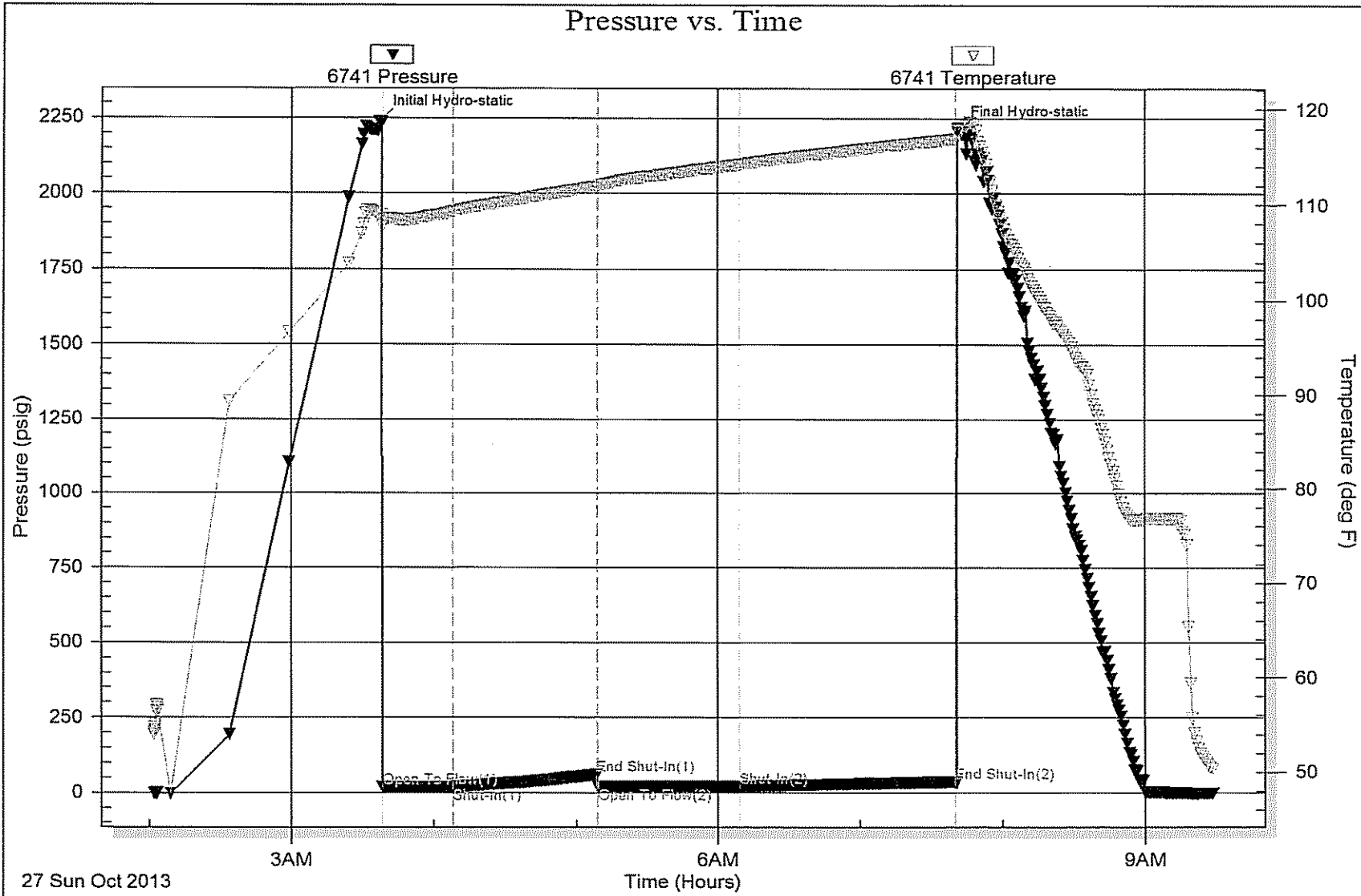
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



Serial #: 6751

Outside Lario Oil & Gas Co.

Feiertag A # 9-15

DST Test Number: 8

