



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1076608
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: _____

1076608

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	Hanna C 1-14
Doc ID	1076608

All Electric Logs Run

CDL/CNL/PE
SONIC
MEL
DIL

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Hanna C 1-14
Doc ID	1076608

Tops

Name	Top	Datum
Heebner	3908	-1023
Lansing	3945	-1060
Stark Sh	4189	-1304
Hushpuckney	4224	-1339
Base KC	4276	-1391
Marmaton	4316	-1431
Pawnee	4389	-1504
Ft. Scott	4418	-1533
Johnson	4516	-1631
Morrow	4542	-1657
Basal Penn	4556	-1671
Mississippian	4566	-1681

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 27, 2012

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

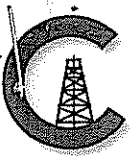
Re: ACO1
API 15-063-21979-00-00
Hanna C 1-14
SW/4 Sec.14-14S-31W
Gove County, Kansas

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



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 # 248456

Invoice Date: 03/19/2012 Terms: 15/15/30,n/30

Page 1

LARIO OIL & GAS
P.O. BOX 1093
GARDEN CITY KS 637846
(316)265-5611

HANNAH C-1-14
33933
15-14S-31W
3-15-2012
KS

Drilling
AFE-12-047
CK 3/23/12

Part Number	Description	Qty	Unit Price	Total
1104S	CLASS "A" CEMENT (SALE)	150.00	17.6500	2647.50
1118	PREMIUM GEL / BENTONITE	282.00	.2500	70.50
1102	CALCIUM CHLORIDE (50#)	423.00	.8900	376.47

Sublet Performed	Description	Total
9999-130	CASH DISCOUNT	-464.17
9999-130	CASH DISCOUNT	-231.75

Description	Hours	Unit Price	Total
439 MIN. BULK DELIVERY	1.00	410.00	410.00
520 CEMENT PUMP (SURFACE)	1.00	1085.00	1085.00
520 EQUIPMENT MILEAGE (ONE WAY)	10.00	5.00	50.00

ke
MAR 27 2012
ke

Amount Due 4888.58 if paid after 04/18/2012

Parts:	3094.47	Freight:	.00	Tax:	211.74	AR	4155.29
Labor:	.00	Misc:	.00	Total:	4155.29		
Sublt:	-695.92	Supplies:	.00	Change:	.00		

Signed _____ Date _____



CONSOLIDATED
Oil Well Services, LLC



TICKET NUMBER 33933
LOCATION Owale, KS
FOREMAN Fuzzy

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
3-15-12	4793	Hannah C-1-14	15	14S	31W	Gove
CUSTOMER Largo Oil & Gas			Gove P.O. E. Rd 22 8 1/2 S Munich Sign W 1/2			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY			520	John		
STATE			439	Cody R.		
ZIP CODE						

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 223' CASING SIZE & WEIGHT 8 5/8
CASING DEPTH 228' DRILL PIPE _____ TUBING _____ OTHER _____
SLURRY WEIGHT 14.7 SLURRY VOL 1.36 WATER gal/sk 6.5 CEMENT LEFT in CASING 20'
DISPLACEMENT 13.2 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

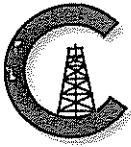
REMARKS: Safety meeting on Murb. #22. Pick up and circulate. Mix 150SKS Class 'A' 39ozc 29ozc. Displace 13.24 BBL and shut in cement did 4 circulate approx BBLs.

Thanks Fuzzy & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5405	1	PUMP CHARGE	1085 ⁰⁰	1085 ⁰⁰
5406	10	MILEAGE	5 ⁰⁰	50 ⁰⁰
5407	7.1 ton	Ton Mileage Delivery	410 ⁰⁰	410 ⁰⁰
11045	150SKS	Class 'A'	1765	2647 ⁵⁰
1118B	282 #	Bentonite	125	70 ⁵⁰
1102	423 #	Calcium chloride	89	376 ⁴⁷
		sub total		4639 ⁴⁷
		less 1590 disc		695 ⁹²
		sub total		3943 ⁵⁵
		248456	SALES TAX	211 ⁷⁴
			ESTIMATED TOTAL	4155 ²⁹

Revin 3737
AUTHORIZATION Kelly Wilson 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 # 248572

Invoice Date: 03/26/2012 Terms: 15/15/30,n/30

Page 1

LARIO OIL & GAS
P.O. BOX 1093
GARDEN CITY KS 637846
(316)265-5611

HANNAH C 1-14
33937
14-14S-31W
3-24-2012
KS

completion
AFE-12-04 >
CK 3/29/12

Part Number	Description	Qty	Unit Price	Total
1126	OIL WELL CEMENT	175.00	22.5500	3946.25
1131	60/40 POZ MIX	425.00	15.1000	6417.50
1118B	PREMIUM GEL / BENTONITE	2928.00	.2500	732.00
1110A	KOL SEAL (50# BAG)	875.00	.5600	490.00
1107	FLO-SEAL (25#)	106.00	2.8200	298.92
1144G	MUD FLUSH (SALE)	500.00	1.0000	500.00
4159	FLOAT SHOE AFU 5 1/2"	1.00	413.0000	413.00
4104	CEMENT BASKET 5 1/2"	1.00	276.0000	276.00
4277	DV TOOL SIZE 5 1/2" (STA	1.00	4700.0000	4700.00
4454	5 1/2" LATCH DOWN PLUG	1.00	567.0000	567.00
4130	CENTRALIZER 5 1/2"	9.00	58.0000	522.00

Sublet Performed	Description	Total
9999-130	CASH DISCOUNT	-2829.40
9999-130	CASH DISCOUNT	-526.88

Description	Hours	Unit Price	Total
439 EQUIPMENT MILEAGE (ONE WAY)	10.00	5.00	50.00
463 SINGLE PUMP	1.00	3020.00	3020.00
528 TON MILEAGE DELIVERY	265.00	1.67	442.55

Amount Due 23893.67 if paid after 04/25/2012

Parts:	18862.67	Freight:	.00	Tax:	1290.68	AR	20309.62
Labor:	.00	Misc:	.00	Total:	20309.62		
Sublt:	-3356.28	Supplies:	.00	Change:	.00		

Signed _____ Date _____



CONSOLIDATED
Oil Well Services, LLC



TICKET NUMBER 33937
LOCATION OKLAHOMA
FOREMAN Fuzzy

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

FIELD TICKET & TREATMENT REPORT

CEMENT

(AFE-12-047)

Ks

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3-24-12	4793	HANNA C-1-14	14	14s	31W	Gove
CUSTOMER			TRUCK # DRIVER TRUCK # DRIVER			
Lario Oil & Gas			463	Jack G		
MAILING ADDRESS			439	Bobby S		
P.O. Box 1093			528	Code, R.		
CITY	STATE	ZIP CODE		Chris		
Garden City	Ks	67846				

JOB TYPE 2-Stage HOLE SIZE 7 7/8 HOLE DEPTH 4698 CASING SIZE & WEIGHT 5 1/2 ~~14~~
 CASING DEPTH 4638 DRILL PIPE _____ TUBING _____ OTHER DU @ 2280'
 SLURRY WEIGH 17.8-21.5 SLURRY VOLL. 42-1.89 WATER gal/sk 6.7-10.8 CEMENT LEFT in CASING 18'
 DISPLACEMENT 113.3 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting on mud flow #22. Rig up and run float equip cont -
 50, 76, 80, 84, 88, 92, 97, 101, shoe. BASK-52 DU-50, Circ 1 1/2 HR. Pump
 5 BBL water, 500 GAL mud flush, 5 BBL water. Mix 175 SKS OWC w/ 5# Kol seal
 wash pump and lines. Drop plug and displace 57 BBL water - 5 1/2 BBL mud.
 Lift @ 880#, hand plug 1400# Drop DU Bomb. unit 10 min open tool @ 1000# Circ
 3 HAS. Pump 5 BBL water. Mix 20 SKS MH, 30 SKS RH. Mix 375 SKS 60/40 5 1/2 gal
 1 1/4# flo-sol down 5 1/2 csg. wash pump + lines. Drop plug and displace 56 1/2 BBL
 water. Lift 500# hand close tool @ 1700#. Cement did circulate approx
 20 BBL to pit.

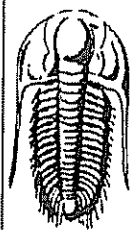
Thanks Fuzzy crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401C	1	PUMP CHARGE	3020 ⁰⁰	3020 ⁰⁰
5406	10	MILEAGE	5 ⁰⁰	50 ⁰⁰
5407A	26.5 ton	Tow mileage delivery	167	442 ⁵⁵
1126	175 SKS	OWC	22 ⁵⁵	3946 ²⁵
1131	425 SKS	60/40 pos	15 ¹⁰	6417 ⁵⁰
1118B	2928 #	Bentocite	.25	732 ⁰⁰
1110A	875 #	Kol seal	.56	490 ⁰⁰
1107	106 #	Flo-sol	2 ⁸²	298 ⁹²
1144G	500 GAL	mod flush	1 ⁰⁰	500 ⁰⁰
4159	1	5 1/2 - AFD Float shoe	413 ⁰⁰	413 ⁰⁰
4104	1	5 1/2 - BASKET	276 ⁰⁰	276 ⁰⁰
4279	1	5 1/2 - DU Tool (W)	4700 ⁰⁰	4700 ⁰⁰
4454	1	5 1/2 - Latchdown Assy (W)	567 ⁰⁰	567 ⁰⁰
4130	9	5 1/2 - Centralizers	58 ⁰⁰	522 ⁰⁰
		subtotal		22375 ²²
		less 1590 disc		20785 ²²
		subtotal		19018 ⁹⁴
		248572	SALES TAX	1290 ⁶⁸
			ESTIMATED TOTAL	20309 ⁶²

Ravin 3737

AUTHORIZATION Curtis K. Kell TITLE Production Foreman DATE 3/25/12

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

14-14s-31w

301 S Market ST
Wichita KS 67202-3805

Hanna C # 1-14

ATTN: Steve Murphy

Job Ticket: 45930

DST#: 1

Test Start: 2012.03.19 @ 15:40:00

GENERAL INFORMATION:

Formation: **Kansas City "H"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:46:45

Time Test Ended: 23:56:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Jace McKinney

Unit No: 46

Interval: **4090.00 ft (KB) To 4134.00 ft (KB) (TVD)**

Total Depth: 4134.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2885.00 ft (KB)

2875.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8675

Inside

Press@RunDepth: 739.28 psig @ 4091.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.03.19

End Date:

2012.03.19

Last Calib.: 2012.03.20

Start Time: 15:40:01

End Time:

23:56:30

Time On Btm: 2012.03.19 @ 17:46:30

Time Off Btm: 2012.03.19 @ 20:46:45

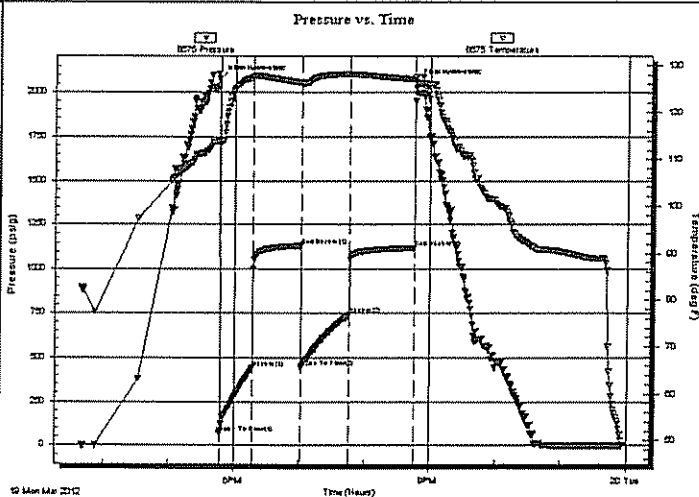
TEST COMMENT:

B.O.B. in 3 min.

Bled off for 5 min. Built to 1 3/4" return blow

B.O.B. in 3 1/2" min.

Bled off for 5 min. B.O.B. in 35 min.



PRESSURE SUMMARY

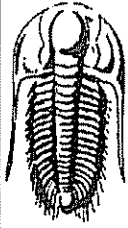
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2078.11	114.12	Initial Hydro-static
1	67.19	113.23	Open To Flow (1)
31	441.20	127.44	Shut-In (1)
75	1135.25	126.36	End Shut-In (1)
76	443.49	126.01	Open To Flow (2)
120	739.28	128.07	Shut-In (2)
180	1121.79	127.04	End Shut-In (2)
181	2056.53	127.03	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	494 Gas In Pipe	0.00
676.00	100%W	7.34
378.00	ocgw 20%O 30%G 50%W	5.30
378.00	ocgmw 20%O 20%G 30%M 30%W	5.30
136.00	gco Free Oil 10%G 90%O	1.91

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

14-14s-31w

301 S Market ST
Wichita KS 67202-3805

Hanna C # 1-14

Job Ticket: 45930

DST#: 1

ATTN: Steve Murphy

Test Start: 2012.03.19 @ 15:40:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 10.00 lb/gal
Viscosity: 52.00 sec/qt
Water Loss: 11.19 in³
Resistivity: 0.00 ohm.m
Salinity: 3800.00 ppm
Filter Cake: 1.00 inches

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

Oil API: 38 deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	494 Gas In Pipe	0.000
676.00	100%W	7.340
378.00	ocgw 20%O 30%G 50%W	5.302
378.00	ocgmw 20%O 20%G 30%M 30%W	5.302
136.00	gco Free Oil 10%G 90%O	1.908

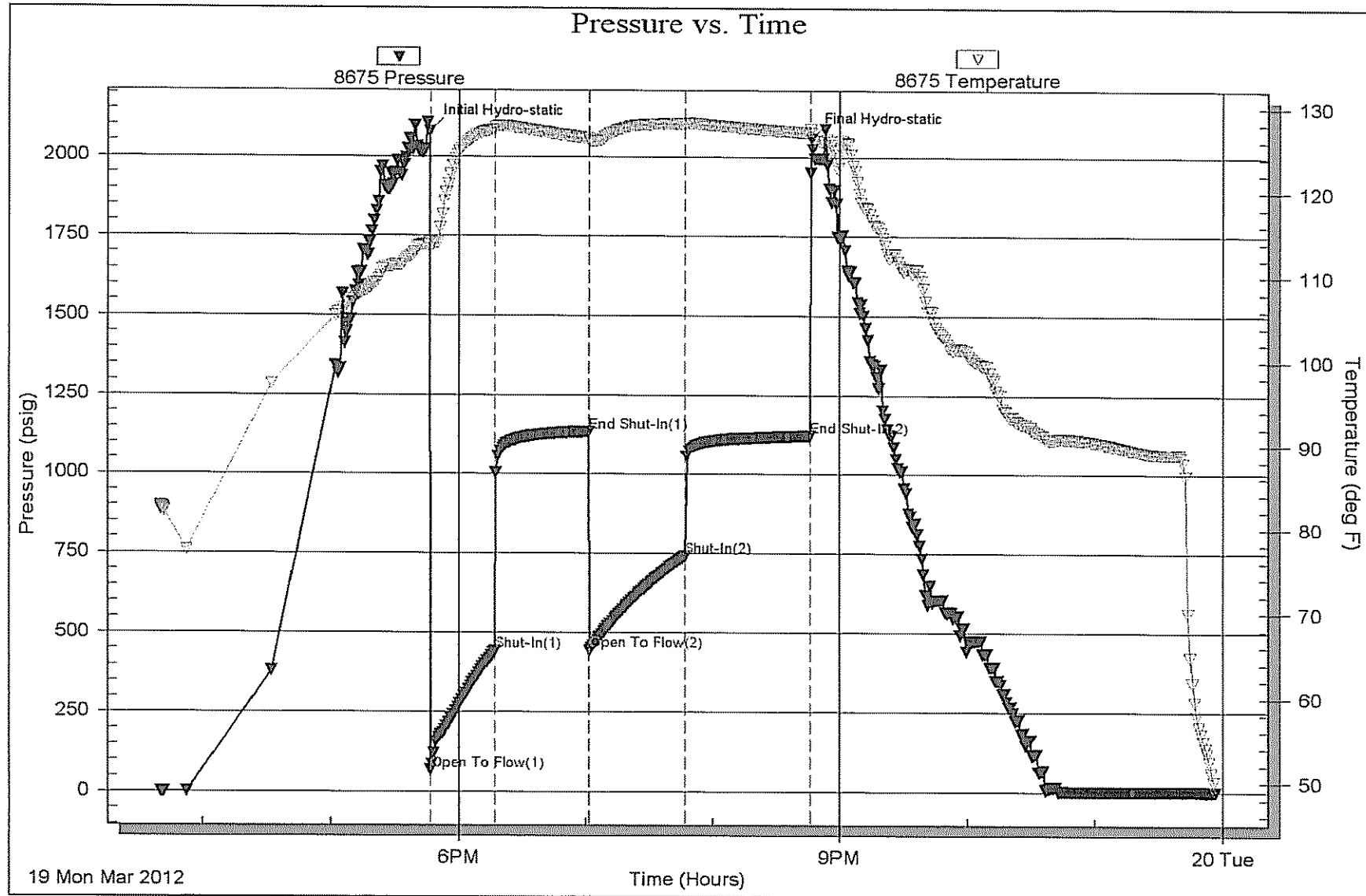
Total Length: 1568.00 ft Total Volume: 19.852 bbl

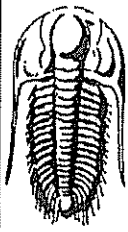
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: API: 36 @ 40 F = 38

RW: .10 @ 55 F = 40,000





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Company

14-14s-31w

301 S Market ST
Wichita KS 67202-3805

Hanna C # 1-14

Job Ticket: 45931

DST#: 2

ATTN: Steve Murphy

Test Start: 2012.03.20 @ 12:30:00

GENERAL INFORMATION:

Formation: **Kansas City "J"** *I+J*
 Deviated: No Whipstock ft (KB)
 Time Tool Opened: 14:27:15
 Time Test Ended: 19:39:00

Test Type: Conventional Bottom Hole (Reset)
 Tester: Jace McKinney
 Unit No: 46

Interval: 4144.00 ft (KB) To 4193.00 ft (KB) (TVD)
 Total Depth: 4193.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2885.00 ft (KB)
 2875.00 ft (CF)
 KB to GR/CF: 10.00 ft

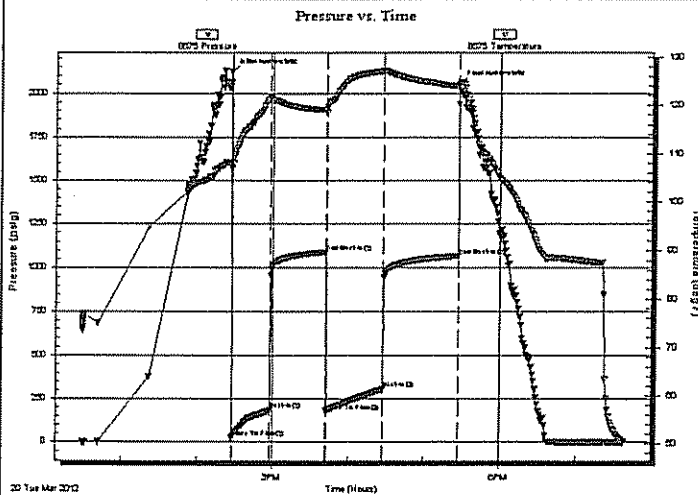
Serial #: 8675

Inside

Press@RunDepth: 304.33 psig @ 4145.00 ft (KB)
 Start Date: 2012.03.20 End Date: 2012.03.20
 Start Time: 12:30:01 End Time: 19:39:00

Capacity: 8000.00 psig
 Last Calib.: 2012.03.20
 Time On Blmt: 2012.03.20 @ 14:26:30
 Time Off Blmt: 2012.03.20 @ 17:27:30

TEST COMMENT: B.O.B in 15 min.
 Bled off for 5 min. No return blow
 B.O.B. in 19 1/2 min.
 Bled off for 5 min. No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2121.39	108.33	Initial Hydro-static
1	22.79	106.89	Open To Flow (1)
31	182.66	121.34	Shut-In(1)
76	1091.36	118.93	End Shut-In(1)
76	176.71	118.34	Open To Flow (2)
121	304.33	127.10	Shut-In(2)
181	1070.34	123.90	End Shut-In(2)
181	2052.46	124.03	Final Hydro-static

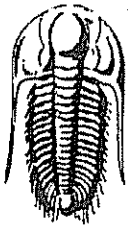
Recovery

Length (ft)	Description	Volume (bbl)
360.00	100%W	2.91
200.00	w cm 40%W 60%M	2.81

* 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
301 S Market ST
Wichita KS 67202-3805
ATTN: Steve Murphy

14-14s-31w
Hanna C # 1-14
Job Ticket: 45931 DST#: 2
Test Start: 2012.03.20 @ 12:30:00

Mud and Cushion Information

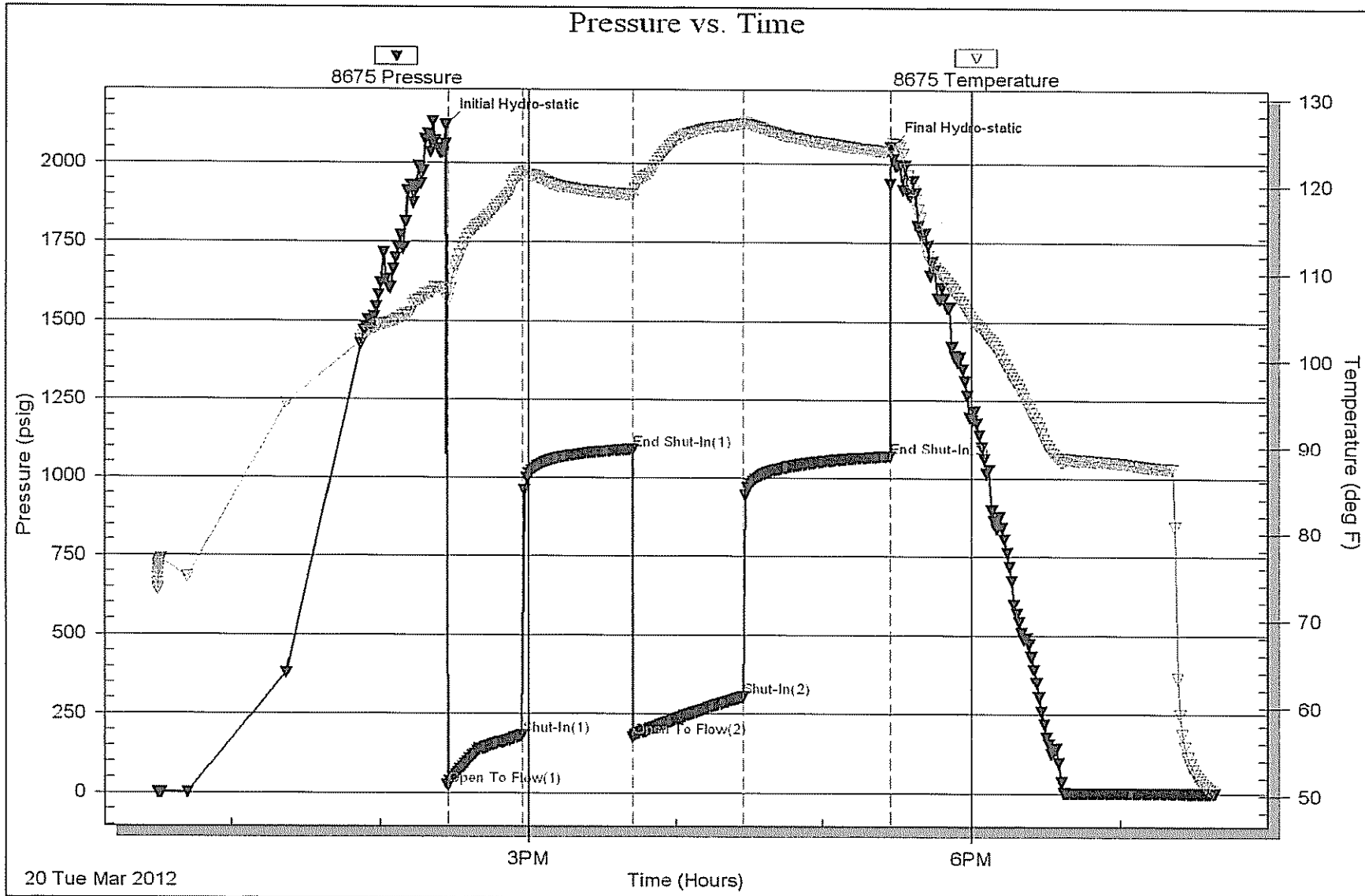
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	45000 ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2500.00 ppm			
Filter Cake: 1.00 inches			

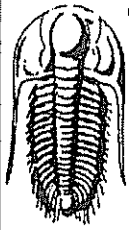
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
360.00	100%W	2.907
200.00	w cm 40%W 60%M	2.805

Total Length: 560.00 ft Total Volume: 5.712 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: Rw: .13 @ 50 F= 45,000





**TRIOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Company

14-14s-31w

301 S Market ST
Wichita KS 67202-3805

Hanna C # 1-14

Job Ticket: 45932

DST#: 3

ATTN: Steve Murphy

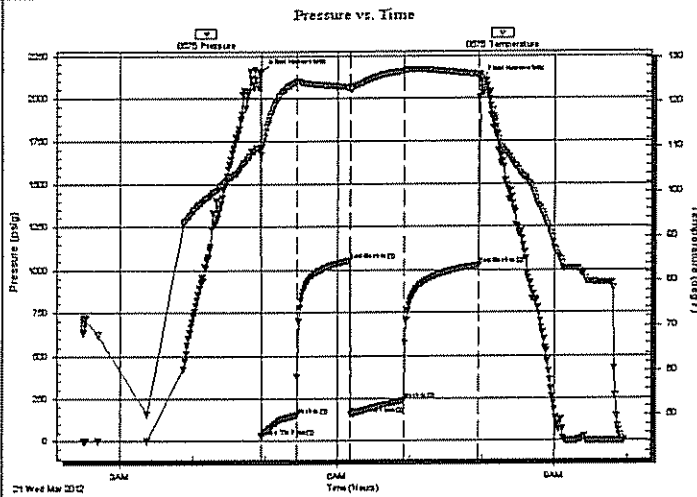
Test Start: 2012.03.21 @ 02:30:00

GENERAL INFORMATION:

Formation: **Kansas City "K"**
 Deviated: **No Whipstock** ft (KB)
 Time Tool Opened: **04:56:45**
 Time Test Ended: **09:58:00**
 Interval: **4190.00 ft (KB) To 4214.00 ft (KB) (TVD)**
 Total Depth: **4214.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**
 Test Type: **Conventional Bottom Hole (Reset)**
 Tester: **Jace McKinney**
 Unit No: **46**
 Reference Elevations: **2885.00 ft (KB)**
2875.00 ft (CF)
 KB to GR/CF: **10.00 ft**

Serial #: **8675** Inside
 Press@RunDepth: **238.11 psig @ 4191.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2012.03.21** End Date: **2012.03.21** Last Calib.: **2012.03.21**
 Start Time: **02:30:01** End Time: **09:58:00** Time On Blrm: **2012.03.21 @ 04:56:30**
 Time Off Blrm: **2012.03.21 @ 07:58:45**

TEST COMMENT: B.O.B. in 18 min.
 Bled off for 5 min. No return blow
 B.O.B. in 29 min.
 Bled off for 5 min. No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2150.66	109.71	Initial Hydro-static
1	27.36	108.29	Open To Flow (1)
30	151.14	124.53	Shut-In(1)
74	1053.59	123.27	End Shut-In(1)
75	155.56	122.86	Open To Flow (2)
119	238.11	126.95	Shut-In(2)
181	1027.45	126.22	End Shut-In(2)
183	2106.66	125.83	Final Hydro-static

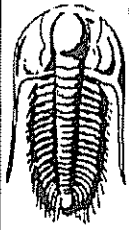
Recovery

Length (ft)	Description	Volume (bbl)
485.00	100%W	4.66

* 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
301 S Market ST
Wichita KS 67202-3805
ATTN: Steve Murphy

14-14s-31w
Hanna C # 1-14
Job Ticket: 45932 DST#: 3
Test Start: 2012.03.21 @ 02:30:00

Mud and Cushion Information

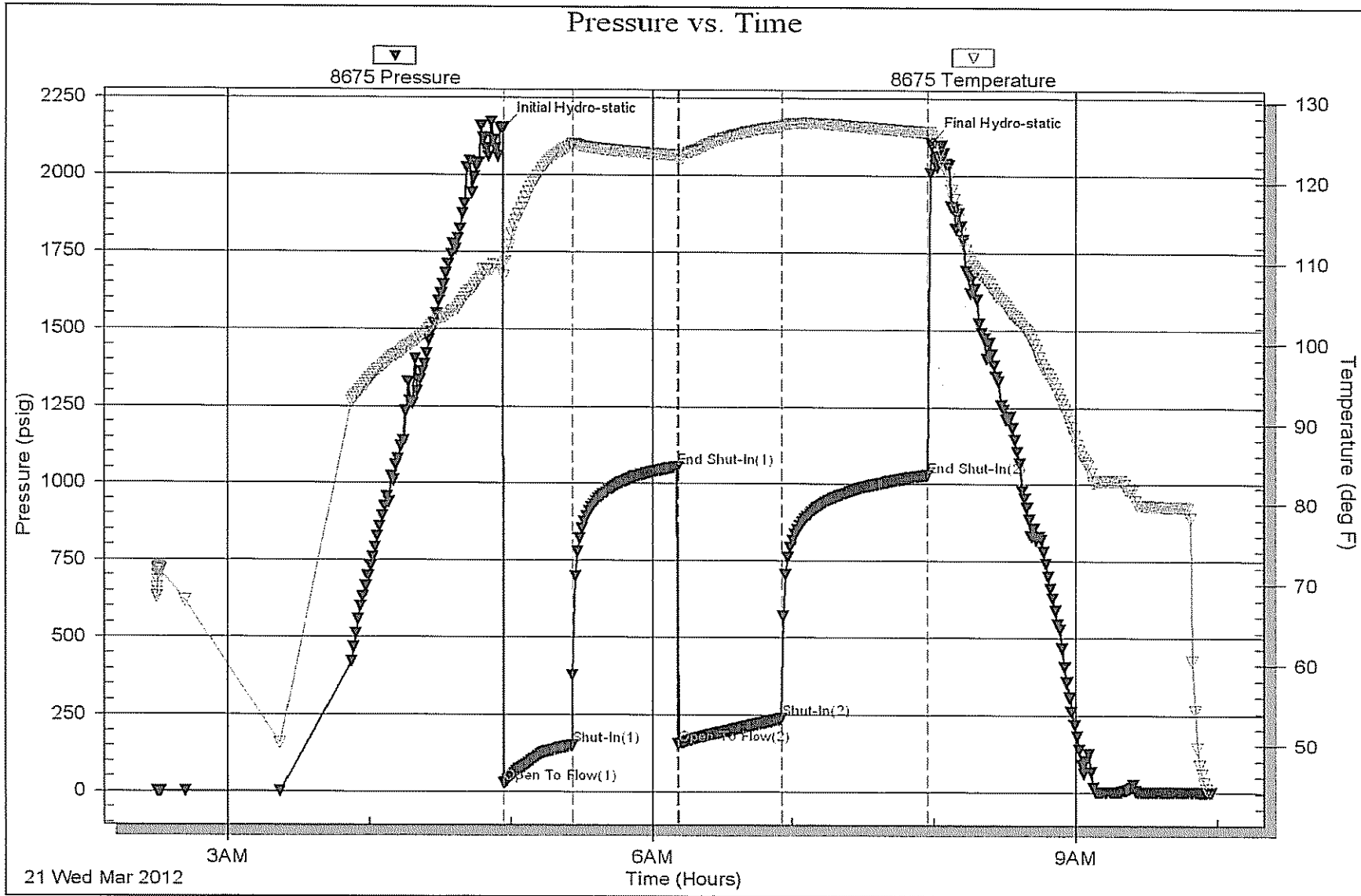
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	48000 ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2500.00 ppm			
Filter Cake: 1.00 inches			

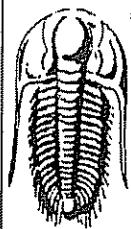
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
485.00	100%W	4.661

Total Length: 485.00 ft Total Volume: 4.661 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: RW: .14 @ 50 F= 48,000





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Company

14-14s-31w

301 S Market ST
Wichita KS 67202-3805

Hanna C # 1-14

Job Ticket: 45933

DST#: 4

ATTN: Steve Murphy

Test Start: 2012.03.22 @ 15:55:00

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:55:00

Time Test Ended: 01:38:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Jace McKinney

Unit No: 46

Interval: 4496.00 ft (KB) To 4550.00 ft (KB) (TVD)

Total Depth: 4550.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2885.00 ft (KB)

2875.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8675

Inside

Press@RunDepth: 808.08 psig @ 4497.00 ft (KB)

Start Date: 2012.03.22

End Date:

2012.03.23

Start Time: 15:55:01

End Time:

01:38:45

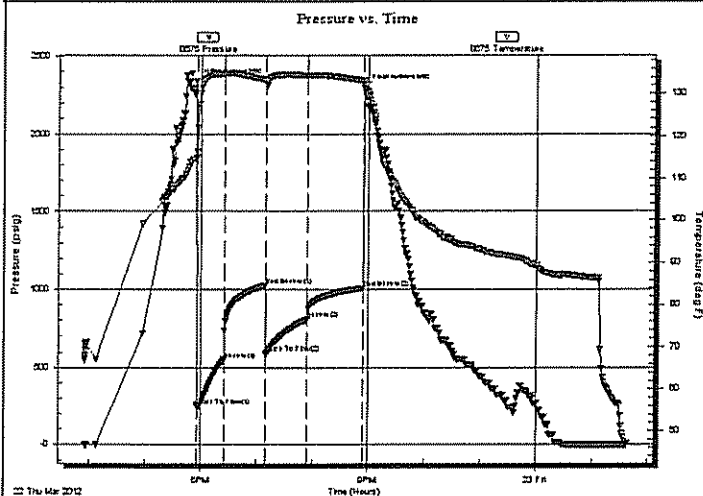
Capacity: 8000.00 psig

Last Calib.: 2012.03.23

Time On Blm: 2012.03.22 @ 17:54:30

Time Off Blm: 2012.03.22 @ 20:55:00

TEST COMMENT: B.O.B. in 1 min.
Bled off for 5 min. B.O.B. in 16 min.
B.O.B. in 1 1/2 min.
Bled off for 5 min. B.O.B. in 12 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2335.15	114.72	Initial Hydro-static
1	249.02	114.97	Open To Flow (1)
31	551.09	134.73	Shut-In(1)
75	1024.15	133.22	End Shut-In(1)
76	592.84	132.98	Open To Flow (2)
120	808.08	134.32	Shut-In(2)
180	1008.49	133.13	End Shut-In(2)
181	2297.90	132.86	Final Hydro-static

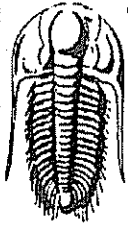
Recovery

Length (ft)	Description	Volume (bbl)
235.00	gcm0 10%G 30%M 60%O	1.16
315.00	gco 10%G 90%O	4.42
1585.00	100% Clean Oil	22.23
0.00	1940 Feet 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 Company

14-14s-31w

301 S Market ST
Wichita KS 67202-3805

Hanna C # 1-14

Job Ticket: 45933

DST#: 4

ATTN: Steve Murphy

Test Start: 2012.03.22 @ 15:55:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 51.00 sec/qt
Water Loss: 7.60 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: 32 deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
235.00	gcm0 10%G 30%M 60%O	1.156
315.00	gco 10%G 90%O	4.417
1585.00	100% Clean Oil	22.233
0.00	1940 Feet gas in pipe	0.000

Total Length: 2135.00 ft Total Volume: 27.806 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: APt: 30 @ 40 F = 32

