

**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 # 267559

Invoice Date: 04/23/2014 Terms: 15/15/30,n/30

Page 1

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

CHRISTY FARMS 1-3

47626  
04-21-2014  
KS

*drilling AFG 14-072  
4-28-14 LR*

Part Number	Description	Qty	Unit Price	Total
1104S	CLASS "A" CEMENT (SALE)	225.00	18.5500	4173.75
1118B	PREMIUM GEL / BENTONITE	424.00	.2700	114.48
1102	CALCIUM CHLORIDE (50#)	636.00	.9400	597.84
4432	8 5/8" WOODEN PLUG	1.00	100.7500	100.75

Sublet Performed	Description	Total
9996-130	CEMENT MATERIAL DISCOUNT	-748.02
9995-130	CEMENT EQUIPMENT DISCOUNT	-315.12

Description	Hours	Unit Price	Total
512 CEMENT PUMP (SURFACE)	1.00	1150.00	1150.00
512 EQUIPMENT MILEAGE (ONE WAY)	40.00	5.25	210.00
530 TON MILEAGE DELIVERY	1.00	740.80	740.80

*lc*  
*lc*

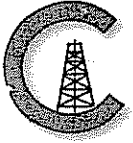
Amount Due 7494.04 if paid after 05/23/2014

Parts:	4986.82	Freight:	.00	Tax:	345.46	AR	6369.94
Labor:	.00	Misc:	.00	Total:	6369.94		
Sublt:	-1063.14	Supplies:	.00	Change:	.00		

Signed \_\_\_\_\_

Date \_\_\_\_\_





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INVOICE

Invoice # 268042

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Page 1

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

CHRISTY FARMS 1-3  
46853  
3-19S-35W  
05-02-2014  
KS

*Drilling*  
*AFE-14-022*  
*CK 5/17/14*

Part Number	Description	Qty	Unit Price	Total
1126	OIL WELL CEMENT	270.00	23.7000	6399.00
1110A	KOL SEAL (50# BAG)	1350.00	.5600	756.00
1131	60/40 POZ MIX	565.00	15.8600	8960.90
1118B	PREMIUM GEL / BENTONITE	3887.00	.2700	1049.49
1107	FLO-SEAL (25#)	142.00	2.9700	421.74
4253	TYPE A PACKER SHOE61/2X6	1.00	1850.0000	1850.00
4454	5 1/2" LATCH DOWN PLUG	1.00	567.0000	567.00
4130	CENTRALIZER 5 1/2"	14.00	61.0000	854.00
4104	CEMENT BASKET 5 1/2"	1.00	290.0000	290.00
4277A	DV TOOL-WEATHERFORD 5 1/2"	1.00	4900.0000	4900.00

Sublet Performed	Description	Total
9996-130	CEMENT MATERIAL DISCOUNT	-3907.22
9995-130	CEMENT EQUIPMENT DISCOUNT	-896.25

Description	Hours	Unit Price	Total
399 SINGLE PUMP	1.00	3175.00	3175.00
399 EQUIPMENT MILEAGE (ONE WAY)	40.00	5.25	210.00
460 TON MILEAGE DELIVERY	1.00	1295.00	1295.00
T-129 TON MILEAGE DELIVERY	1.00	1295.00	1295.00

Amount Due 33995.27 if paid after 06/13/2014

Parts:	26048.13	Freight:	.00	Tax:	1653.70	AR	28873.36
Labor:	.00	Misc:	.00	Total:	28873.36		
Sublt:	-4803.47	Supplies:	.00	Change:	.00		

Signed \_\_\_\_\_ Date \_\_\_\_\_



**CONSOLIDATED**  
Oil Field Services, LLC

268042

TICKET NUMBER 46853

LOCATION Oakley #

FOREMAN Jerry V Walt

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
5-2-14	4793	Christy Farms 1-3	3	19S	35N	Wichita
CUSTOMER <u>Lario Oil &amp; Gas</u>			Satisfy 5 to 22 35, E info			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY			STATE	ZIP CODE		
			399	Jeremy R		
			460	Lance R		
			5300-T-101	Doc R		

JOB TYPE 2 stage HOLE SIZE 7 7/8 HOLE DEPTH 5228 CASING SIZE & WEIGHT 5 1/2 15.5  
 CASING DEPTH 5058 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER DUC 2433  
 SLURRY WEIGHT 14.2/12.5 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT IN CASING 36'  
 DISPLACEMENT 119.5/58 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting & rig upon Duke 4 run strategy, packer shoe on steel, centralizers on 14, 17, 18, 19, 22, 25, 28, 31, 34, 63, 65, basket hole size on 64 DU tool on top of 64 @ 2433 run casing to bottom circulate 45 min pump ball thru @ 1350 ft do set packer circulate 30 min mix w/ FR mud flush with 5 bbl H<sub>2</sub>O spacers mix 270 sks OWC with 5# Kolseal per sk shutdown release plug wash pump lines then dis place 60 bbl H<sub>2</sub>O 55 mud 1000# lift & landed @ 1500# released & held opened tool @ 1000# circulate 3 hrs pump 5 bbl H<sub>2</sub>O mix 30 sks RH mix 535 sks 60/40 8% gel 1/4# flo seal wash pump & lines & release plug diameter with 57 bbl fresh H<sub>2</sub>O with 850 # lift tool closed @ 2000 released back & foot held Circulated approx 25 bbl top it

Thank you Jerry & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401c	1	PUMP CHARGE	3175 <sup>00</sup>	3175 <sup>00</sup>
5406	40	MILEAGE	5.25	210 <sup>00</sup>
5407A	237	ton mileage delivery	1.25	2962 <sup>50</sup>
1126	270 sks	OWC	23.70	6399 <sup>00</sup>
110A	1350	Kolseal	55	756 <sup>00</sup>
1131	565 sks	60/40 po2	15.80	8967 <sup>00</sup>
1186	3887 #	gel	27	104949 <sup>00</sup>
1107	142 #	flo seal	297	42174 <sup>00</sup>
4253	1	5 1/2 packer shoe (I)	1850 <sup>00</sup>	1850 <sup>00</sup>
4454	1	5 1/2 latch down Assy (W)	567 <sup>00</sup>	567 <sup>00</sup>
4130	14	5 1/2 centralizers (W)	61 <sup>00</sup>	854 <sup>00</sup>
4104	1	5 1/2 basket (W)	290 <sup>00</sup>	290 <sup>00</sup>
4277A	1	5 1/2 stage collar (W)	4900 <sup>00</sup>	4900 <sup>00</sup>
			Subtotal	32023.13
			10% 15% disc	4803.97
			Subtotal	27219.16
			SALES TAX	11053.70
			ESTIMATED TOTAL	28873.30

Flavin 3737

**Completed**

AUTHORIZATION Jerry Walt 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

301 S Market St  
Wichita, KS 67202

ATTN: Steve Davis

3-19s-35w Wichita Co.

Christy Farms #1-3

Job Ticket: 57058

DST#: 1

Test Start: 2014.04.27 @ 02:04:00

## GENERAL INFORMATION:

Formation: **Lansing "I"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:52:00

Time Test Ended: 11:32:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Samuel Esparza

Unit No: 71

Interval: **4286.00 ft (KB) To 4308.00 ft (KB) (TVD)**

Total Depth: **4308.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: Good

Reference Elevations: **3193.00 ft (KB)**

**3182.00 ft (CF)**

KB to GR/CF: **11.00 ft**

Serial #: **8845** Outside

Press@RunDepth: **19.54 psig @ 4287.00 ft (KB)**

Start Date: **2014.04.27**

End Date: **2014.04.27**

Start Time: **02:04:05**

End Time: **11:32:45**

Capacity: **8000.00 psig**

Last Calib.: **2014.04.27**

Time On Blm: **2014.04.27 @ 06:51:45**

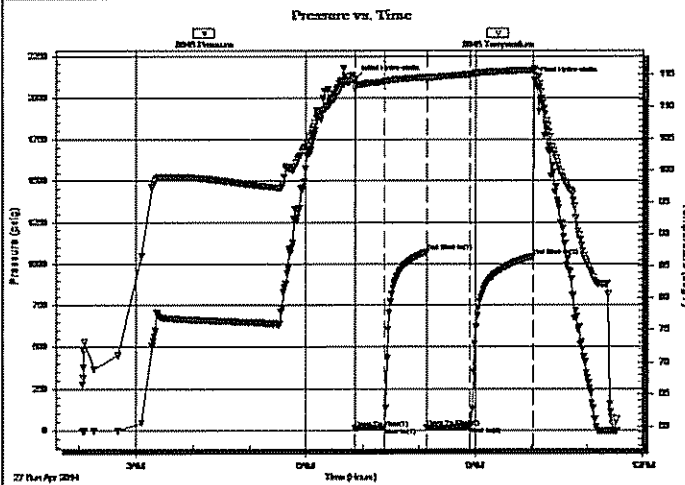
Time Off Blm: **2014.04.27 @ 10:03:00**

TEST COMMENT: IF: 1/4" Blow died back to a Weak Surface Blow.

IS: No Return.

FF: No Blow.

FS: No Return.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2110.44	114.03	Initial Hydro-static
1	12.28	112.74	Open To Flow (1)
32	16.96	113.91	Shut-In(1)
77	1072.18	114.58	End Shut-In(1)
77	18.05	114.00	Open To Flow (2)
123	19.54	115.01	Shut-In(2)
191	1045.08	115.67	End Shut-In(2)
192	2103.42	115.94	Final Hydro-static

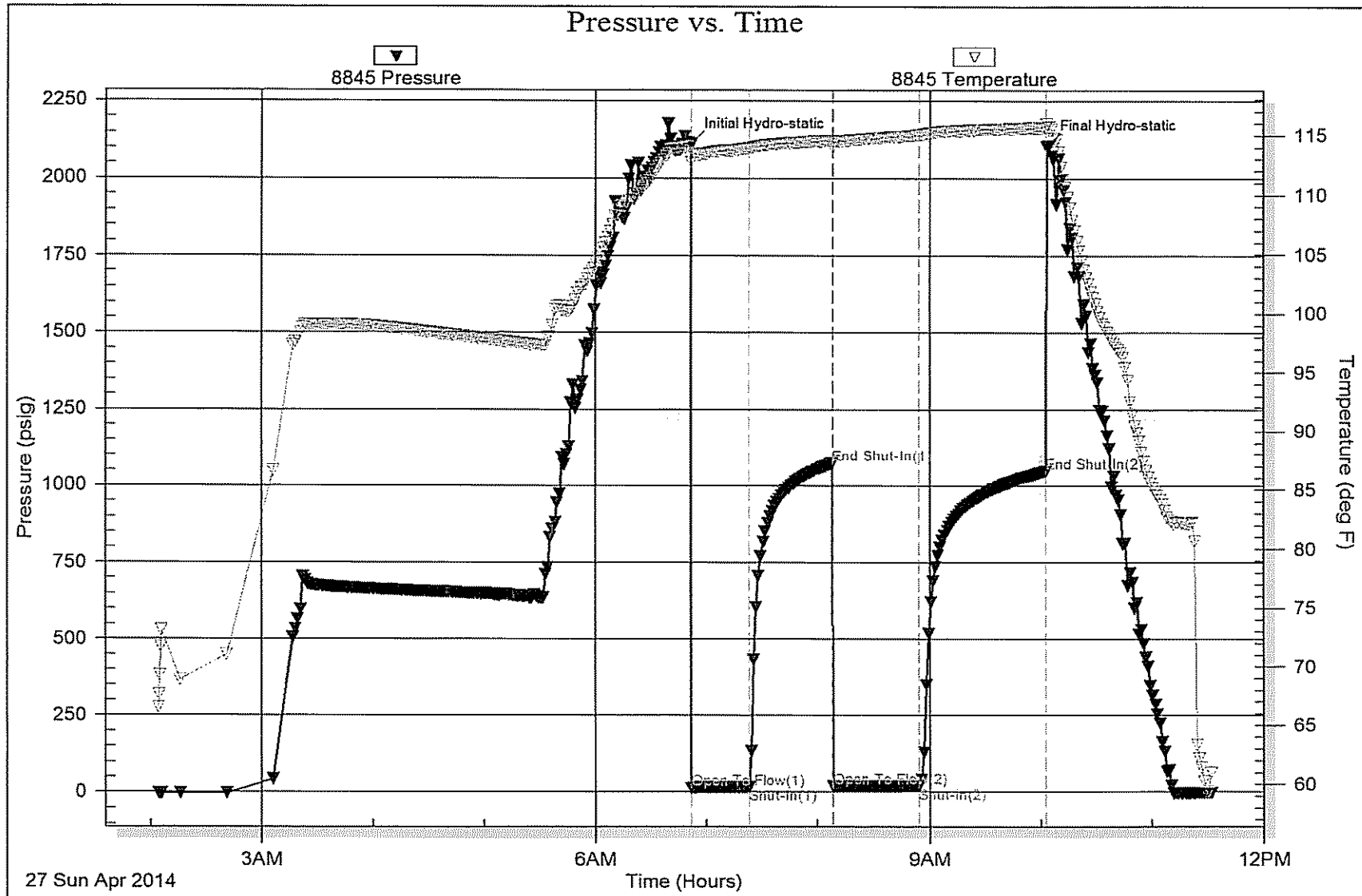
## Recovery

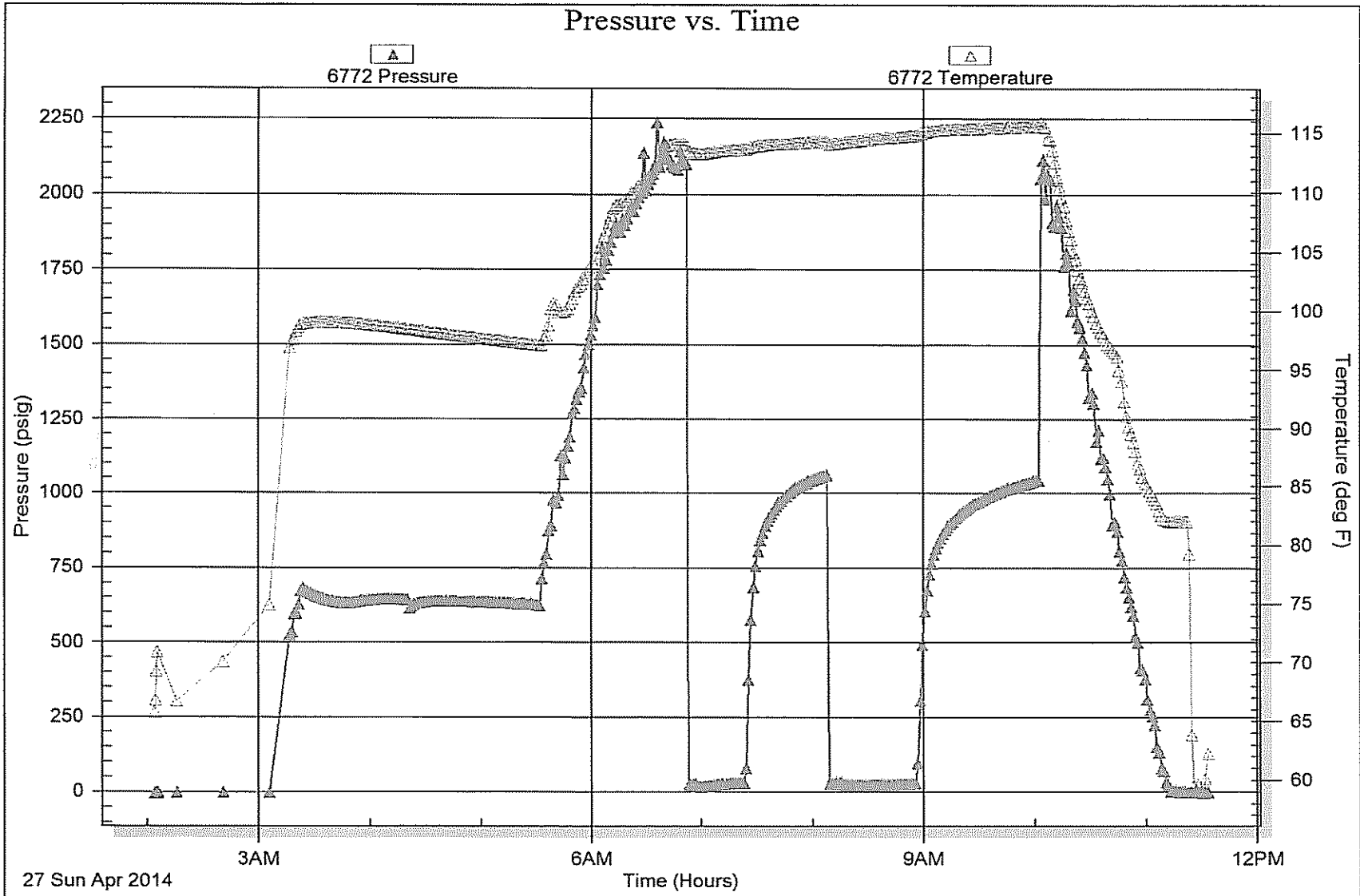
Length (ft)	Description	Volume (bbl)
15.00	Mud 100m ( Oil Scum On Top )	0.21

## Gas Rates

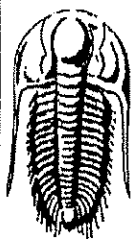
	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)











**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Lario Oil & Gas Company

3-19s-35w Wichita Co.

301 S Market St  
Wichita, KS 67202

Christy Farms #1-3

Job Ticket: 57059

DST#: 2

ATTN: Steve Davis

Test Start: 2014.04.28 @ 18:32:00

## GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:18:00

Time Test Ended: 02:21:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Samuel Esparza

Unit No: 71

Interval: **4589.00 ft (KB) To 4625.00 ft (KB) (TVD)**

Total Depth: 4625.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3193.00 ft (KB)

3182.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8845

Outside

Press@RunDepth: 550.53 psig @ 4590.00 ft (KB)

Start Date: 2014.04.28

End Date:

2014.04.29

Start Time: 18:32:05

End Time:

02:21:29

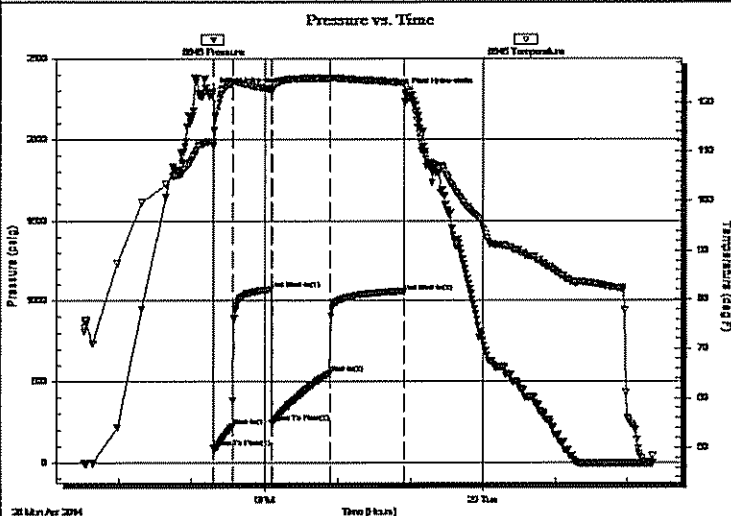
Capacity: 8000.00 psig

Last Calib.: 2014.04.29

Time On Btm: 2014.04.28 @ 20:17:45

Time Off Btm: 2014.04.28 @ 22:55:30

TEST COMMENT: IF: BOB @ 3 min.  
IS: 1 3/4" Return.  
FF: BOB @ 2 1/2 min.  
FF: 7 1/2" Return.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2296.25	111.96	Initial Hydro-static
1	93.27	111.13	Open To Flow (1)
16	224.03	123.93	Shut-In(1)
48	1069.94	122.81	End Shut-In(1)
48	247.60	122.42	Open To Flow (2)
96	550.53	124.95	Shut-In(2)
157	1053.48	123.96	End Shut-In(2)
158	2285.99	123.16	Final Hydro-static

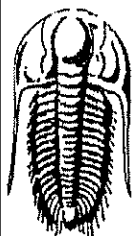
## Recovery

Length (ft)	Description	Volume (bbl)
630.00	GOMCW 10g 50 5m 80w	8.84
440.00	GOWCM 10g 20σ 35w 35m	6.17
135.00	GO 15g 85σ	1.89

## 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

3-19s-35w Wichita Co.

301 S Market St  
Wichita, KS 67202

Christy Farms #1-3

Job Ticket: 57059

DST#: 2

ATTN: Steve Davis

Test Start: 2014.04.28 @ 18:32:00

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

33 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

42000 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbf

Water Loss: 6.39 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbf
630.00	GOMCW 10g 50 5m 80w	8.837
440.00	GOWCM 10g 20o 35w 35m	6.172
135.00	GO 15g 85o	1.894

Total Length: 1205.00 ft      Total Volume: 16.903 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

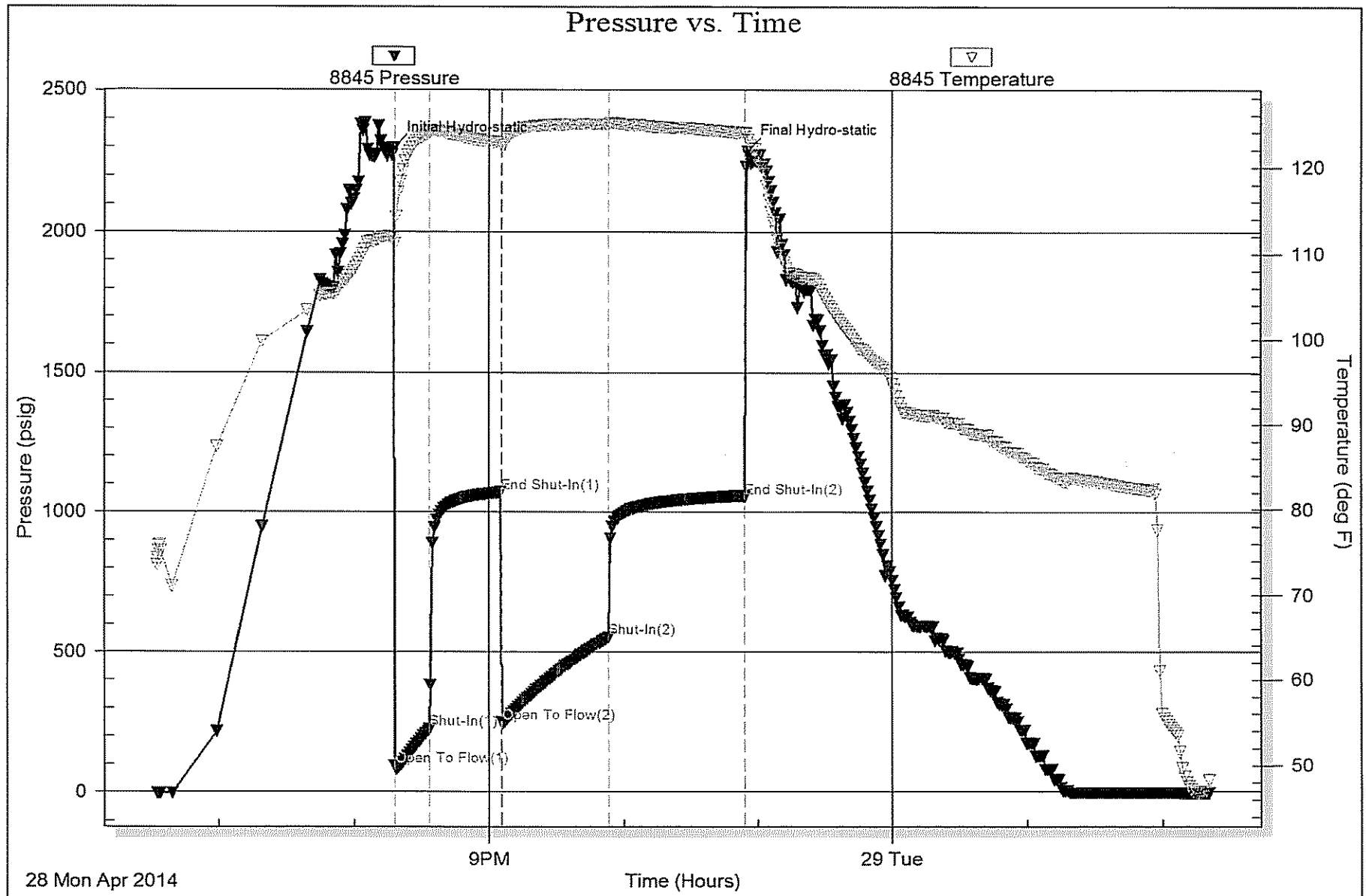
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity: 32 @ 50 degrees= 33 deg API

Water Salinity: .255 @ 47 degrees= 42,000





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Lario Oil & Gas Company

3-19s-35w Wichita Co.

301 S Market St  
Wichita, KS 67202

Christy Farms #1-3

Job Ticket: 57060

DST#: 3

ATTN: Steve Davis

Test Start: 2014.04.29 @ 10:31:00

## GENERAL INFORMATION:

Formation: **Ft. Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:44:00

Time Test Ended: 17:26:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Samuel Esparza

Unit No: 71

Interval: 4630.00 ft (KB) To 4654.00 ft (KB) (TVD)

Total Depth: 4654.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3193.00 ft (KB)

3182.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8845 Outside

Press@RunDepth: 13.04 psig @ 4631.00 ft (KB)

Start Date: 2014.04.29

End Date:

2014.04.29

Start Time: 10:31:05

End Time:

17:26:44

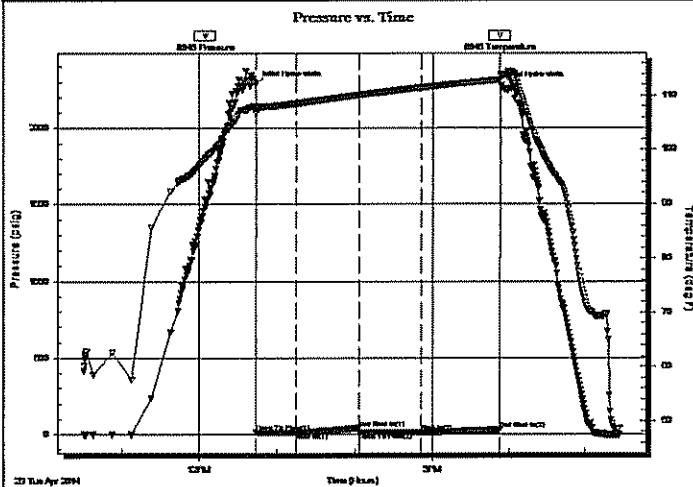
Capacity: 8000.00 psig

Last Calib.: 2014.04.29

Time On Btm: 2014.04.29 @ 12:43:45

Time Off Btm: 2014.04.29 @ 15:53:30

TEST COMMENT: IF: Weak Surface Blow died @ 15 min.  
IS: No Return.  
FF: No Blow.  
FS: No Return.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2284.86	108.04	Initial Hydro-static
1	12.60	106.61	Open To Flow (1)
31	14.97	108.55	Shut-In(1)
79	39.69	110.09	End Shut-In(1)
80	13.06	110.09	Open To Flow (2)
128	13.04	111.47	Shut-In(2)
190	30.12	112.94	End Shut-In(2)
190	2279.53	113.95	Final Hydro-static

## Recovery

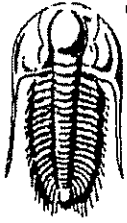
Length (ft)	Description	Volume (bbl)
5.00	Mud 100m ( Oil spots )	0.07

\* 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

**3-19s-35w Wichita Co.**

301 S Market St  
Wichita, KS 67202

**Christy Farms #1-3**

Job Ticket: 57060

**DST#: 3**

ATTN: Steve Davis

Test Start: 2014.04.29 @ 10:31:00

**Mud and Cushion Information**

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6500.00 ppm

Filter Cake: 1.00 inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud 100m ( Oil spots )	0.070

Total Length: 5.00 ft

Total Volume: 0.070 bbl

Num Fluid Samples: 0

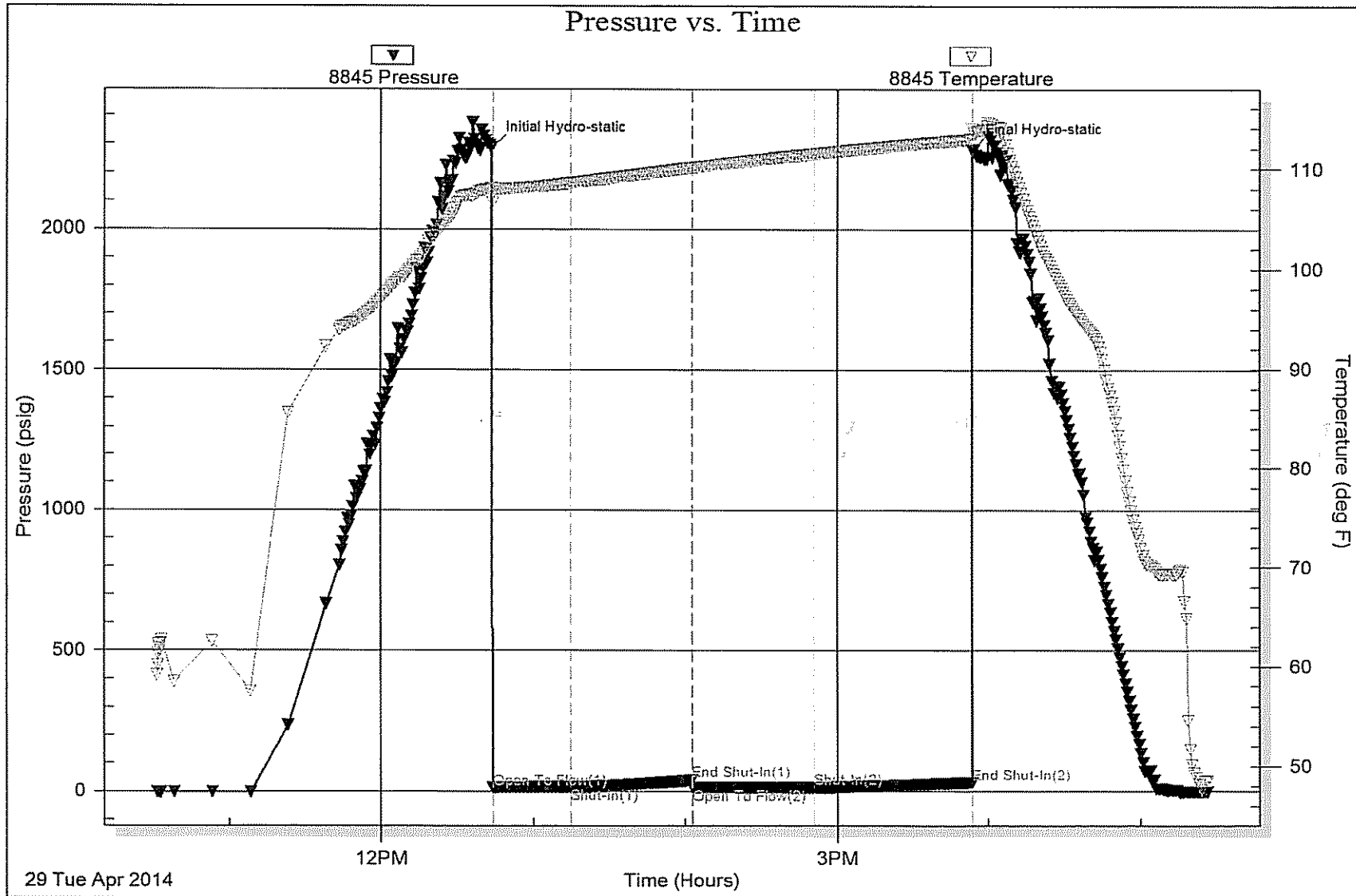
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



Serial #: 6772

Outside Lario Oil & Gas Company

Christy Farms #1-3

DST Test Number: 3

