



INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 142822
Invoice Date: Apr 25, 2014
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

drilling AFE 14-048
5-5-14 LK

Customer ID	Field Ticket #	Payment Terms	
Lario	63481	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Apr 25, 2014	5/25/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	HRC Feedyards #3-36		
225.00	CEMENT MATERIALS	Class A Common	17.90	4,027.50
8.00	CEMENT MATERIALS	Chloride	64.00	512.00
237.56	CEMENT SERVICE	Cubic Feet Charge	2.48	589.15
544.61	CEMENT SERVICE	Ton Mileage Charge	2.60	1,415.99
1.00	CEMENT SERVICE	Surface	1,512.25	1,512.25
50.00	CEMENT SERVICE	Pump Truck Mileage	7.70	385.00
1.00	CEMENT SERVICE	Swedge Manifold Rental	275.00	275.00
50.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	220.00
1.00	EQUIPMENT OPERATOR	Paul Beaver		
1.00	EQUIPMENT OPERATOR	Tyler Flipse		

Handwritten signature and date stamp: MAY 6 2014

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

\$ 2,681.07

ONLY IF PAID ON OR BEFORE
May 20, 2014

Subtotal	8,936.89
Sales Tax	369.97
Total Invoice Amount	9,306.86
Payment/Credit Applied	
TOTAL	9,306.86

BID SHEET



Hide/Unhide Rows

Date	March 26, 2014
Ticket Number	
Service Point:	Oakley, KS
Address	P.O. Box 27
	Oakley, KS 6774B
Business Phone	785-672-3452

Manager	Terry Heinrich
E-mail	terry.heinrich@alliedservices.co
Mobile Phone	785-673-9376



Company	Lario Oil & Gas	Prepared For:	Jay Schweikert	Well Data	
Address	301 S Market	Business Phone:	316-265-5611	Open Hole	12 1/4
Address	Wichita, KS 67202	Email:	jschweikert@lariooil.com	Depth	350
Well Name	HRC Feedyards	Mobile Phone:		String	O1 Surface
Well Number	#3-35	Prepared By:	Neal Rupp	Casing Size	8 5/8
Field	Sec: 3 - T19S - R35W	Email	neal.rupp@alliedservices.com	ID	B.095
County	Scott	Mobile Phone:	316-250-7057	Weight	24.0
State	Kansas	Business Phone:	316-260-3368	Grade	J-55
City		Rig Contractor		Top (md)	
API Number		Rig Name/No.		Bitm (md)	350
Specific Job Type	O1 Surface	Rig Phone:		Thread	LTC
		Company Rep			
		Rep Phone No.			
		Mileage (one-way)	50		
		Proposal Date	3/26/2014		

OPERATIONS	Units	UDM	Cost per Unit	Total	Unit Net	Net	Cost per Unit	Cost Total	\$ GP	% GP
Casing Pump Charge 0' to 500'	1.00	for 6 hours	\$1,512.25	\$ 1,512.25	\$ 1,058.58	\$1,058.58				
Cementing Head Rental with Manifold	1.00	per day	\$275.00	\$ 275.00	\$ 192.50	\$192.50				
Subtotal				\$ 1,787.25		\$1,251.08				
EQUIPMENT SALES										
8 5/8 Wooden Plug	1.00	each	\$76.25	\$ 76.25	\$ 76.25	\$76.25	\$57.19	\$57.19	\$19.06	25.0%
Subtotal				\$ 76.25		\$76.25		\$57.19	\$19.06	25.0%
PRODUCTS										
CLASS A COMMON	225.00	per sack	\$17.90	\$ 4,027.50	\$ 12.53	\$2,819.25	\$0.00	\$0.00	\$2,819.25	100.0%
Calcium Chloride	8.00	per sack	\$54.00	\$ 512.00	\$ 44.80	\$358.40	\$15.00	\$120.00	\$238.40	66.5%
Subtotal				\$ 4,539.50		\$3,177.65		\$120.00	\$3,057.65	96.22%
TRANSPORT										
Products handling service charge	237.56	per cu. Ft.	\$2.48	\$ 589.16	\$ 1.74	\$417.41				
Diaryge for Products	544.61	ton-mile	\$2.60	\$ 1,415.99	\$ 1.82	\$991.19				
Light Vehicle Mileage	50.00	per mile	\$4.40	\$ 220.00	\$ 3.08	\$154.00				
Heavy Vehicle Mileage	50.00	per mile	\$7.70	\$ 385.00	\$ 5.39	\$269.50				
Subtotal				\$ 2,610.15		\$1,827.11				
Totals:				\$ 9,013.15		\$6,332.08				
DISCOUNT: Operations			30.0%	(536.18)						
DISCOUNT: Equipment Sales			0.0%	0.00						
DISCOUNT: Products			30.0%	(1,361.85)						
DISCOUNT: Transport			30.0%	(783.05)						
DISCOUNT: ADDITIONAL ITEMS			30.0%	0.00						
			Total	(2,681.07)						

Services Total	Gross \$4,397.40	Discount \$1,319.22	Final \$3,078.18	Costs:	\$ GP	% GP	
Materials Total	\$4,615.75	\$1,361.85	\$3,253.90	Services	\$1,385.18	\$1,693.00	55.00%
Final Total	\$9,013.15	\$2,681.07	\$6,332.08	Materials	\$177.19	\$3,076.71	94.55%
				Total	\$1,562.37	\$4,769.71	75.33%

ADDITIONAL ITEMS	Units	UDM	Cost per Unit	Total	Unit Net	Net
Additional hours, in excess of set hours	1.00	per hour	\$440.00	\$ 440.00	\$ 308.00	\$308.00



PO Box 93999
Southlake, TX 76092

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

INVOICE

Invoice Number: 143126
Invoice Date: May 9, 2014
Page: 1

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	62961	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Great Bend	May 9, 2014	6/8/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	HRC Feedyards #3-36		
465.00	CEMENT MATERIALS	drilling AFE 14-048 5-19-14 LR	16.50	7,672.50
117.00	CEMENT MATERIALS	Light Weight	2.97	347.49
512.80	CEMENT SERVICE	Flo Seal	2.48	1,271.74
1,074.00	CEMENT SERVICE	Cubic Feet Charge	2.60	2,792.40
1.00	CEMENT SERVICE	Ton Mileage Charge	2,406.25	2,406.25
50.00	CEMENT SERVICE	Production -- Top Stage	7.70	385.00
1.00	CEMENT SERVICE	Pump Truck Mileage	275.00	275.00
50.00	CEMENT SERVICE	Manifold Rental	4.40	220.00
1.00	CEMENT SUPERVISOR	Light Vehicle Mileage		
1.00	EQUIPMENT OPERATOR	Tim Dickson		
1.00	OPERATOR ASSISTANT	Kevin Eddy		
1.00	EQUIPMENT OPERATOR	Brian Lang		
1.00	EQUIPMENT OPERATOR	Daniel Casper		

Handwritten signature and date stamp: MAY 21 2014

Subtotal	15,370.38
Sales Tax	653.63
Total Invoice Amount	16,024.01
Payment/Credit Applied	
TOTAL	16,024.01

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

\$ 4,611.11

ONLY IF PAID ON OR BEFORE
Jun 3, 2014

ALLIED OIL & GAS SERVICES, LLC 062961

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:
Drift Bend K

DATE <u>5-9-14</u>	SEC. <u>36</u>	TWP. <u>18</u>	RANGE <u>34</u>	CALLED OUT	ON LOCATION	JOB START <u>3:35 AM</u>	JOB FINISH <u>5:00 AM</u>
LEASE # <u>Fraser</u>		WELL # <u>3-310</u>		LOCATION <u>Scott City low, 35, 3/4 W</u>		COUNTY <u>Scott</u>	STATE <u>K</u>
OLD OR NEW (Circle one)				<u>1/2 side</u>			

CONTRACTOR <u>Scott</u>		OWNER <u>Same</u>
TYPE OF JOB <u>Production Top Stage</u>		
HOLE SIZE <u>7 7/8</u>	T.D. <u>5000</u>	CEMENT
CASING SIZE <u>5 1/2</u>	DEPTH <u>4986'</u>	AMOUNT ORDERED <u>465 lbs @ 65.35 6.70 Mul</u>
TUBING SIZE	DEPTH	<u>1/4" Fluoropoly</u>
DRILL PIPE	DEPTH	
TOOL <u>Stage collar</u>	DEPTH <u>2347'</u>	
PRES. MAX <u>1900</u>	MINIMUM <u>1000</u>	COMMON _____ @ _____
MEAS. LINE	SHOE JOINT	POZMIX _____ @ _____
CEMENT LEFT IN CSG. <u>~</u>		GEL _____ @ _____
PERFS.		CHLORIDE _____ @ _____
DISPLACEMENT <u>54,45'</u>		ASC _____ @ _____

EQUIPMENT	
PUMP TRUCK	CEMENTER <u>Tom Decker</u>
# <u>597</u>	HELPER <u>Kevin Brady</u>
BULK TRUCK	
# <u>870-844</u>	DRIVER <u>Brian Long</u>
BULK TRUCK	
#	DRIVER <u>Don Cooper</u>

<u>465 lb @ 16.50</u>	<u>7,672.50</u>
<u>117 @ 2.97</u>	<u>347.49</u>
@	
<u>Materials Total</u>	<u>8,019.99</u>
<u>Disc. @ 30%</u>	<u>2,406.00</u>
@	
<u>Service</u>	
HANDLING <u>512.8</u>	@ <u>2.48</u> <u>1,271.74</u>
MILEAGE <u>21.48 X 50 X</u>	<u>2.60</u> <u>2,792.70</u>

REMARKS:

Drift Bend Opened Stage Collar. Circulated 3 hrs. Plugged Abitole with 30 lbs. Mixed All Down casing. Worked up Released Plug. Displaced with H₂O. Loaded Plug at H₂O closed Stage Collar. Released & Held. Cement did circulate. Approx 50 hrs @ PAT

DEPTH OF JOB <u>2347'</u>	
PUMP TRUCK CHARGE	<u>2406.25</u>
EXTRA FOOTAGE	@ _____
MILEAGE <u>Hum 50</u>	@ <u>7.70</u> <u>385.00</u>
MANIFOLD	@ <u>275.00</u> <u>275.00</u>
<u>Hum 50</u>	@ <u>4.40</u> <u>220.00</u>
@	

CHARGE TO: Louis Oil & Gas
STREET _____
CITY _____ STATE _____ ZIP _____

TOTAL 7,350.39
30% 2,205.12

PLUG & FLOAT EQUIPMENT

_____	@ _____
_____	@ _____
_____	@ _____
_____	@ _____
_____	@ _____

108 / TOTAL 0

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 15,370.38
DISCOUNT 4,611.11 (30/30/0) IF PAID IN 30 DAYS
10,759.27

PRINTED NAME Mike Kettler
SIGNATURE Mike Kettler



INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 143124
Invoice Date: May 8, 2014
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	62960	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Great Bend	May 8, 2014	6/7/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	HRC Feedyard #3-36		
		drilling AFS 14-048		
166.00	CEMENT MATERIALS	ASC	20.90	3,469.40
830.00	CEMENT MATERIALS	Kol Seal	0.98	813.40
46.00	CEMENT MATERIALS	FL-160	18.90	869.40
23.00	CEMENT MATERIALS	Defoamer	9.80	225.40
500.00	CEMENT MATERIALS	DV-1100	1.27	635.00
202.00	CEMENT SERVICE	Cubic Feet Charge	2.48	500.96
443.50	CEMENT SERVICE	Ton Mileage Charge	2.60	1,153.10
1.00	CEMENT SERVICE	Production -- Bottom Stage	3,099.25	3,099.25
50.00	CEMENT SERVICE	Pump Truck Mileage	7.70	385.00
1.00	CEMENT SERVICE	Head Rental	275.00	275.00
1.00	EQUIPMENT SALES	5-1/2 AFU Float Shoe	545.00	545.00
1.00	EQUIPMENT SALES	5-1/2 Latch Down Plug	325.00	325.00
16.00	EQUIPMENT SALES	5-1/2 Centralizer	57.00	912.00
1.00	EQUIPMENT SALES	5-1/2 Stage Collar	5,335.00	5,335.00
1.00	EQUIPMENT SALES	5-1/2 Basket	395.00	395.00
1.00	CEMENT SUPERVISOR	Tim Dickson		
1.00	EQUIPMENT OPERATOR	Kevin Eddy		
1.00	EQUIPMENT OPERATOR	Daniel Casper		
1.00	OPERATOR ASSISTANT	Brian Lang		

Handwritten signature and date stamp: MAY 21 2014

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

\$ 5,531.13

ONLY IF PAID ON OR BEFORE Jun 2, 2014

Subtotal	18,937.91
Sales Tax	1,102.25
Total Invoice Amount	20,040.16
Payment/Credit Applied	
TOTAL	20,040.16

ALLIED OIL & GAS SERVICES, LLC 062960

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:
Arrest Bend

DATE <u>5-8-14</u>	SEC <u>36</u>	TWP <u>18</u>	RANGE <u>34</u>	CALLED OUT <u>10:00 AM</u>	ON LOCATION <u>4:00 PM</u>	JOB START <u>10:30 PM</u>	JOB FINISH <u>12:00 AM</u>
LEASE <u>Frased</u>		WELL # <u>3-36</u>	LOCATION <u>Scott City 10w. 3 S, 3/4 W</u>	COUNTY <u>Scott</u>	STATE <u>Ka</u>		
OLD OR NEW (Circle one) <u>NEW</u>			<u>North into</u>				

CONTRACTOR Southwind OWNER Same

TYPE OF JOB Production Bottom Stage

HOLE SIZE 7 7/8 T.D. 5000'
 CASING SIZE 5 1/2 (12#) DEPTH 4980'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL Stage Call DEPTH 2347'
 PRES. MAX 1850 MINIMUM 700
 MEAS. LINE _____ SHOE JOINT 36.83
 CEMENT LEFT IN CSG. 36.83
 PERFS. _____
 DISPLACEMENT 16.23 H₂O - 54.45 Mud

CEMENT
 AMOUNT ORDERED Helena ASC, 10% Salt
270 x 2, 1670 x 16, 5# Release/wh
0.37 fl-160, 15 Release, 5000 x 1100

EQUIPMENT
 PUMP TRUCK CEMENTER Tom Dasher
 # 597 HELPER Kevin Eddy
 BULK TRUCK
 # 599 DRIVER Don Cooper
 BULK TRUCK
 # _____ DRIVER Bruce Long

COMMON	@	_____	_____
POZMIX	@	_____	_____
GEL	@	_____	_____
CHLORIDE	@	_____	_____
ASC 166	@	<u>20.90</u>	<u>3,469.40</u>
<u>Kalbeal 830</u>	@	<u>.98</u>	<u>813.40</u>
<u>FL-160 46</u>	@	<u>18.90</u>	<u>869.40</u>
<u>DF 23</u>	@	<u>9.80</u>	<u>225.40</u>
<u>DV-1100 500</u>	@	<u>1.27</u>	<u>635.00</u>
		<u>Material Total (30%)</u>	<u>6,012.60</u>
		<u>Disc</u>	<u>1,803.28</u>
HANDLING <u>202</u>	@	<u>2.48</u>	<u>500.96</u>
MILEAGE <u>8.87 x 50 x 2.60</u>	@		<u>1,153.10</u>

REMARKS:

Ran 4980' @ 5 1/2" cas. Break circulation.
Pumped 5 H₂O, 5000 x 1100 5 H₂O.
Mixed Helena ASC 10% salt 270 x 2, 1670 x 16, 5#
Worked up. Released plug. Displaced
with H₂O & mud. Loaded plug & #
Released a float held.

DEPTH OF JOB <u>4980'</u>	_____
PUMP TRUCK CHARGE	<u>3099.25</u>
EXTRA FOOTAGE	@ _____
MILEAGE <u>Hwy 50</u>	@ <u>7.70</u> <u>385.00</u>
MANIFOLD	@ _____
<u>Head Rent</u>	@ <u>275.00</u> <u>275.00</u>
<u>_____</u>	@ _____

CHARGE TO: Leano Oil & Gas
 STREET _____
 CITY _____ STATE _____ ZIP _____

TOTAL 5,413.31
 (30%) 1,623.92

PLUG & FLOAT EQUIPMENT

<u>5 1/2" AFU Float Shoe</u>	@ <u>545.00</u>	<u>545.00</u>
<u>Lockdown Plug</u>	@ <u>325.00</u>	<u>325.00</u>
<u>16" Cementation</u>	@ <u>57.00</u>	<u>912.00</u>
<u>Stage Call</u>	@ <u>533.00</u>	<u>5,333.00</u>
<u>1" Bucket</u>	@ <u>395.00</u>	<u>395.00</u>

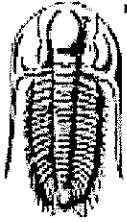
(28%) TOTAL 7,512.00
2,103.36

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 18,937.91
 DISCOUNT 5,531.13 (30/30/28)
 IF PAID IN 30 DAYS

PRINTED NAME X Mike Pettigrew
 SIGNATURE X Mike Pettigrew

13,406.78



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Lario Oil & Gas Company

36-18s-34w Scott co.

301 S Market ST
Wichita, KS 67202

HRC Feedyard #3-36

Job Ticket: 57061

DST#: 1

ATTN: Brad Rine

Test Start: 2014.05.02 @ 02:26:00

GENERAL INFORMATION:

Formation: **Lansing " D "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:32:30

Time Test Ended: 09:53:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Samuel Esparza

Unit No: 71

Interval: 4097.00 ft (KB) To 4118.00 ft (KB) (TVD)

Total Depth: 4118.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3083.00 ft (KB)

3071.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 8845 Outside

Press@RunDepth: 14.25 psig @ 4098.00 ft (KB)

Start Date: 2014.05.02

End Date: 2014.05.02

Start Time: 02:26:05

End Time: 09:53:14

Capacity: 8000.00 psig

Last Calib.: 2014.05.02

Time On Btm: 2014.05.02 @ 05:32:15

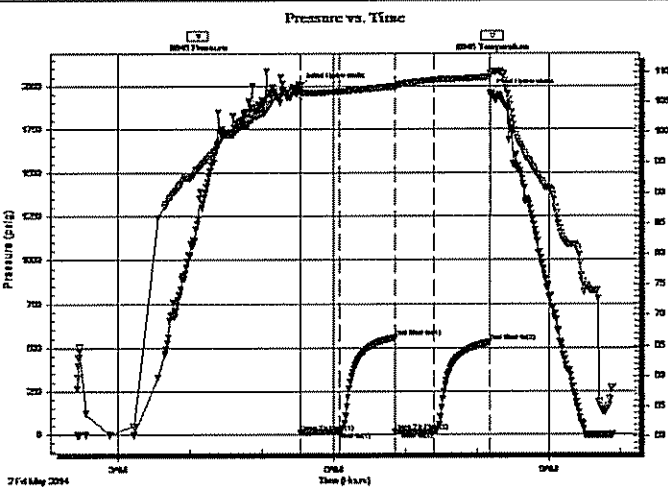
Time Off Btm: 2014.05.02 @ 08:10:30

TEST COMMENT: IF: Weak Surface Blow died @ 12 min.

IS: No Return.

FF: No Blow.

FSI: No Return.



PRESSURE SUMMARY

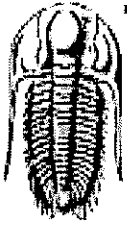
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1997.48	106.93	Initial Hydro-static
1	12.27	105.68	Open To Flow (1)
33	14.50	106.76	Shut-In(1)
79	556.03	107.59	End Shut-In(1)
79	14.57	107.45	Open To Flow (2)
112	14.25	108.64	Shut-In(2)
158	529.78	109.14	End Shut-In(2)
159	1961.40	109.60	Final Hydro-static

Recovery

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

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

36-18s-34w Scott co.

301 S Market ST
Wichita, KS 67202

HRC Feedyard #3-36

Job Ticket: 57061

DST#: 1

ATTN: Brad Rine

Test Start: 2014.05.02 @ 02:26:00

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: 50.00 sec/qt

Cushion Volume:

bbf

Water Loss: 6.60 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
5.00	Mud 100m	0.070

Total Length:

5.00 ft

Total Volume:

0.070 bbf

Num Fluid Samples: 0

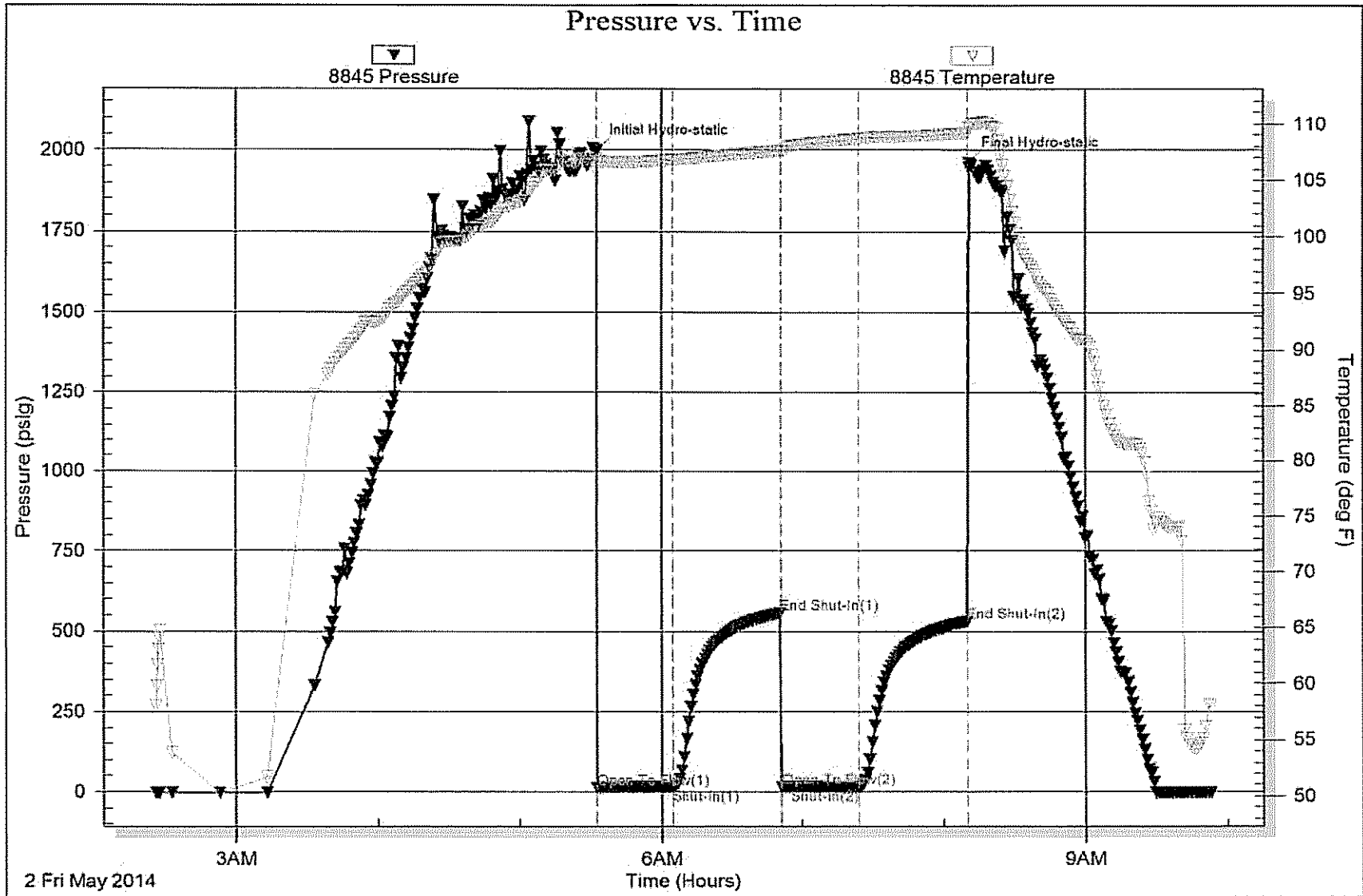
Num Gas Bombs: 0

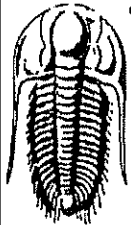
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas Company

36-18s-34w Scott co.

301 S Market ST
Wichita, KS 67202

HRC Feedyard #3-36

Job Ticket: 57062

DST#: 2

ATTN: Brad Rine

Test Start: 2014.05.02 @ 22:31:00

GENERAL INFORMATION:

Formation: **Lansing "H"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:37:15

Time Test Ended: 06:18:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Samuel Esparza

Unit No: 71

Interval: 4194.00 ft (KB) To 4229.00 ft (KB) (TVD)

Reference Elevations: 3083.00 ft (KB)

Total Depth: 4229.00 ft (KB) (TVD)

3071.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 12.00 ft

Serial #: 8845

Outside

Press@RunDepth: 34.29 psig @ 4195.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.05.02

End Date:

2014.05.03

Last Calib.: 2014.05.03

Start Time: 22:31:05

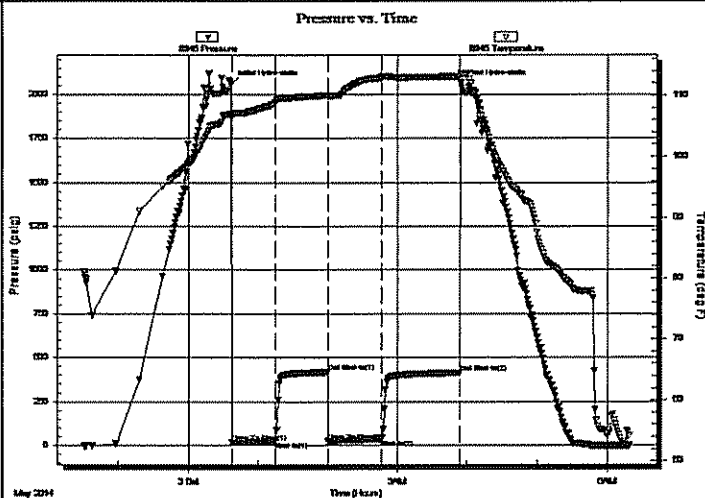
End Time:

06:18:44

Time On Btm: 2014.05.03 @ 00:37:00

Time Off Btm: 2014.05.03 @ 03:55:00

TEST COMMENT: IF: 1" Blow.
IS: No Return.
FF: No Blow.
FS: No Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2060.03	107.03	Initial Hydro-static
1	14.60	106.35	Open To Flow (1)
38	23.21	108.88	Shut-In(1)
83	417.13	109.99	End Shut-In(1)
84	23.92	109.93	Open To Flow (2)
130	34.29	113.04	Shut-In(2)
197	412.53	113.14	End Shut-In(2)
198	2058.75	113.62	Final Hydro-static

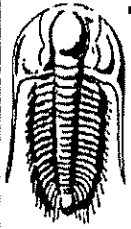
Recovery

Length (ft)	Description	Volume (bbl)
45.00	OWCM 15w 25o 60m	0.63

* 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

36-18s-34w Scott co.

301 S Market ST
Wichita, KS 67202

HRC Feedyard #3-36

Job Ticket: 57062

DST#: 2

ATTN: Brad Rine

Test Start: 2014.05.02 @ 22:31:00

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: 57.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6300.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	OWCM 15w 25o 60m	0.631

Total Length: 45.00 ft Total Volume: 0.631 bbl

Num Fluid Samples: 0

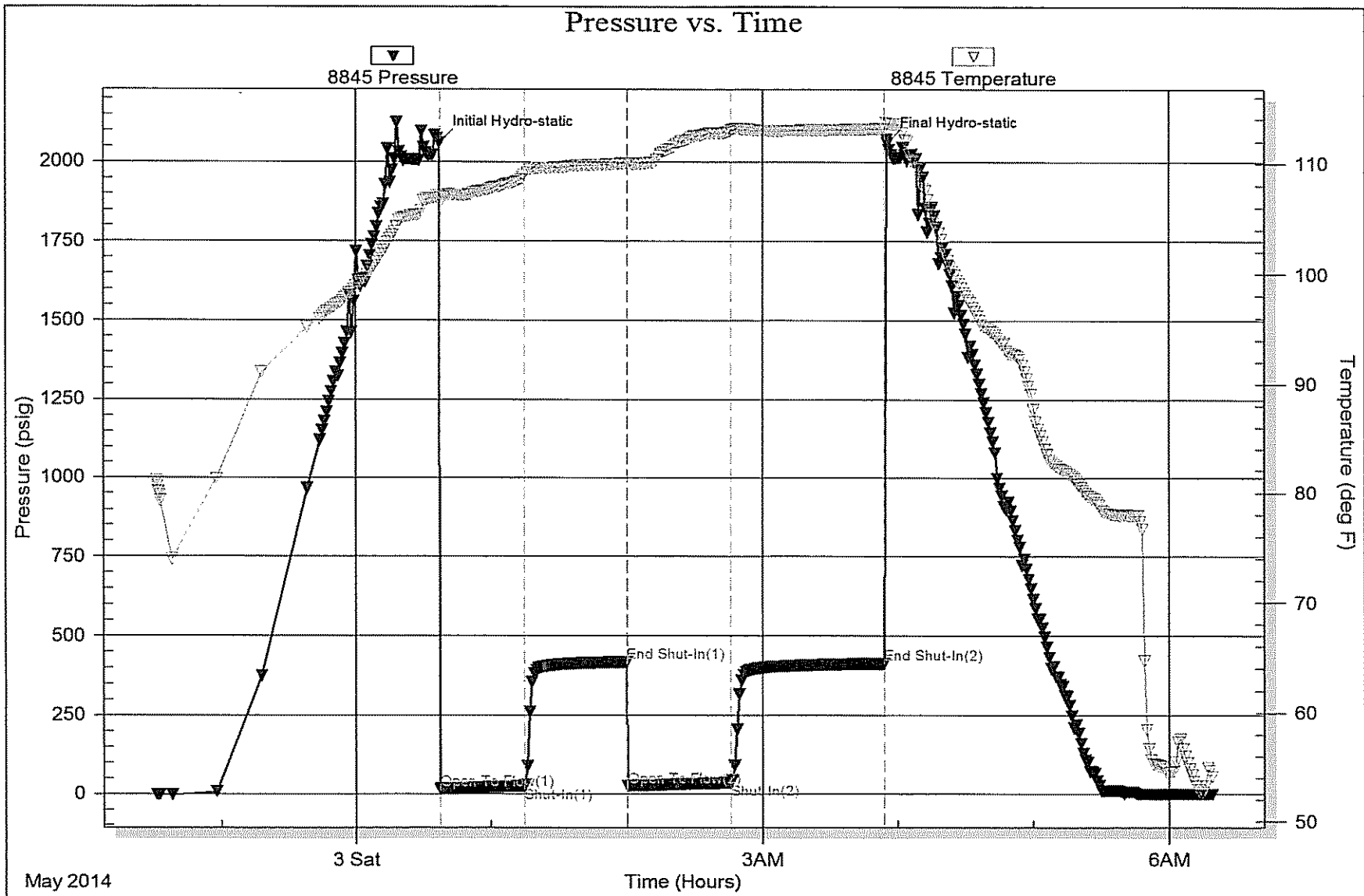
Num Gas Bombs: 0

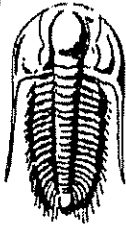
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas Company

36-18s-34w Scott co.

301 S Market ST
Wichita, KS 67202

HRC Feedyard #3-36

Job Ticket: 57063

DST#: 3

ATTN: Brad Rine

Test Start: 2014.05.03 @ 20:29:00

GENERAL INFORMATION:

Formation: Lansing " K "

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:27:00

Time Test Ended: 04:31:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Samuel Esparza

Unit No: 71

Interval: 4305.00 ft (KB) To 4320.00 ft (KB) (TVD)

Total Depth: 4320.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3083.00 ft (KB)

3071.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 8845

Outside

Press@RunDepth: 205.21 psig @ 4306.00 ft (KB)

Start Date: 2014.05.03

End Date:

2014.05.04

Start Time: 20:29:05

End Time:

04:31:29

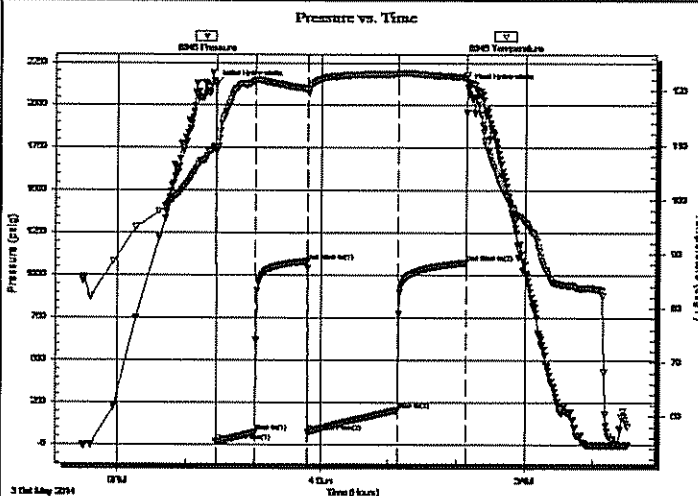
Capacity: 8000.00 psig

Last Calib.: 2014.05.04

Time On Btm: 2014.05.03 @ 22:26:45

Time Off Btm: 2014.05.04 @ 02:09:30

TEST COMMENT: IF: 7 3/4" Blow.
IS: No Return.
FF: 9 3/4" Blow.
FS: No Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2119.58	109.73	Initial Hydro-static
1	15.38	108.66	Open To Flow (1)
35	71.95	121.76	Shut-In(1)
81	1083.51	120.30	End Shut-In(1)
82	73.64	119.76	Open To Flow (2)
162	205.21	123.05	Shut-In(2)
222	1074.64	122.40	End Shut-In(2)
223	2105.55	121.64	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
365.00	MW 10m 90w	5.12

* 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

36-18s-34w Scott co.

301 S Market ST
Wichita, KS 67202

HRC Feedyard #3-36

Job Ticket: 57063

DST#: 3

ATTN: Brad Rine

Test Start: 2014.05.03 @ 20:29:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 53.00 sec/qt

Water Loss: 8.79 in³

Resistivity: 0.00 ohm.m

Salinity: 8000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

deg API

Water Salinity:

46000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
365.00	MW 10m 90w	5.120

Total Length: 365.00 ft Total Volume: 5.120 bbl

Num Fluid Samples: 0

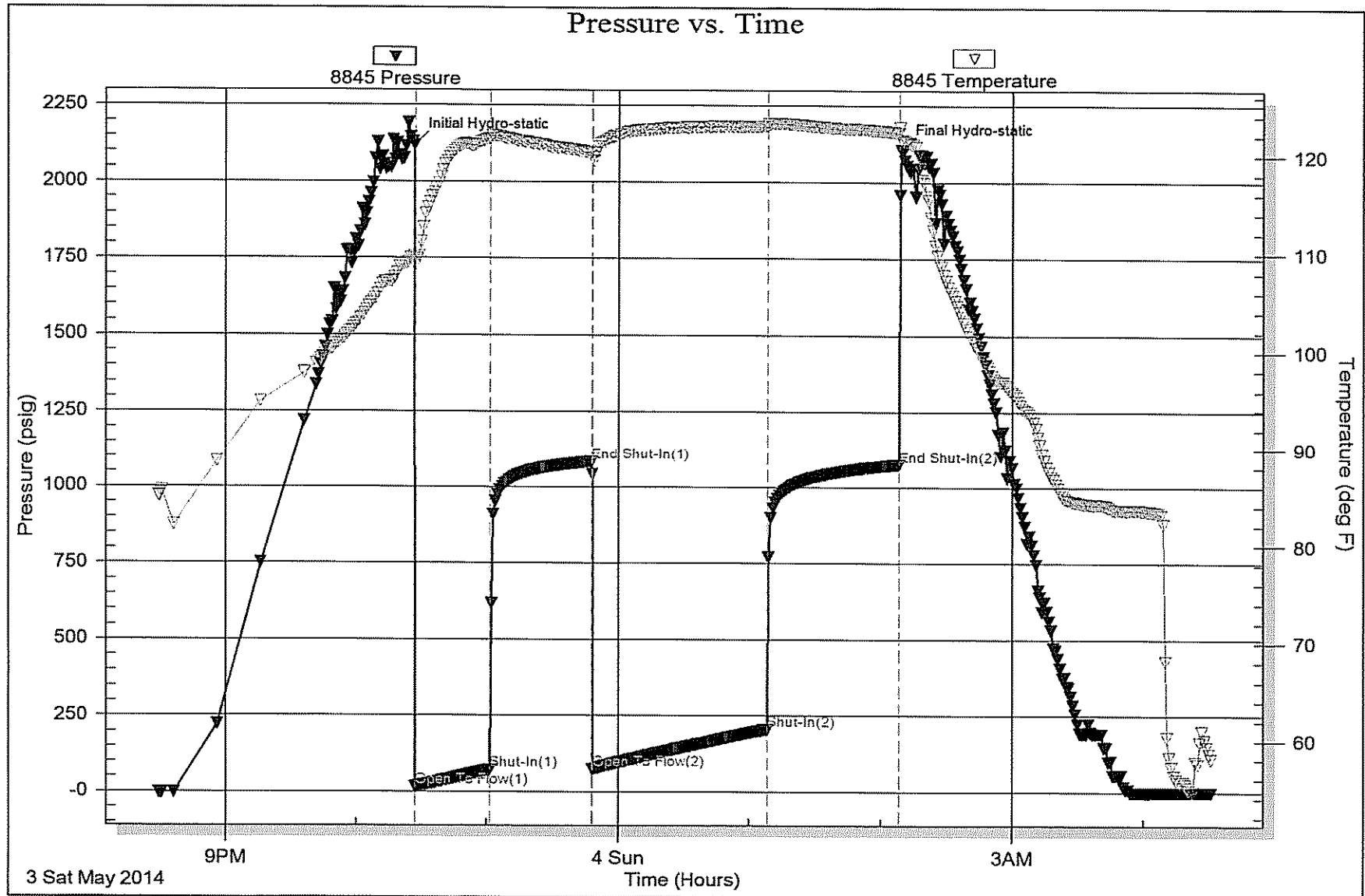
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Water Salinity: .195 @ 56 degrees= 46,000 ppm





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Lario Oil & Gas Company

36-18s-34w Scott co.

301 S Market ST
Wichita, KS 67202

HRC Feedyard #3-36

Job Ticket: 57064

DST#: 4

ATTN: Brad Rine

Test Start: 2014.05.05 @ 02:08:00

GENERAL INFORMATION:

Formation: Marmaton "A & B"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:26:00

Time Test Ended: 10:18:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Samuel Esparza

Unit No: 71

Interval: 4431.00 ft (KB) To 4498.00 ft (KB) (TVD)

Total Depth: 4498.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3083.00 ft (KB)

3071.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 8845 Inside

Press@RunDepth: 199.22 psig @ 4432.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.05.05

End Date:

2014.05.05

Last Calib.: 2014.05.05

Start Time: 02:08:05

End Time:

10:18:29

Time On Btm: 2014.05.05 @ 04:25:45

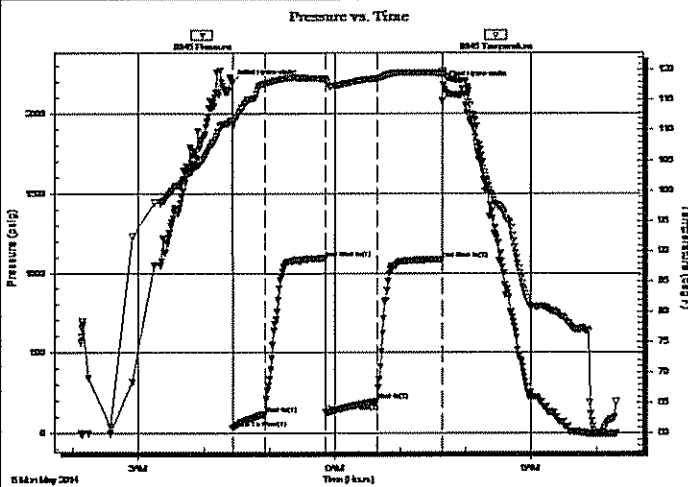
Time Off Btm: 2014.05.05 @ 07:39:30

TEST COMMENT: IF: BOB @ 29 min.

IS: No Return.

FF: BOB @ 26 min.

IS: 1/2" Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2196.76	111.54	Initial Hydro-static
1	30.76	110.50	Open To Flow (1)
30	119.20	117.76	Shut-In(1)
86	1094.26	118.50	End Shut-In(1)
86	127.55	118.16	Open To Flow (2)
133	199.22	118.55	Shut-In(2)
193	1086.74	119.46	End Shut-In(2)
194	2184.78	119.56	Final Hydro-static

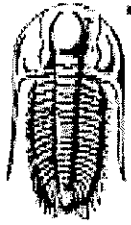
Recovery

Length (ft)	Description	Volume (bbl)
250.00	GMCO 20g 30m 50o	3.51
205.00	GO 20g 80o	2.88
0.00	315' 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 Company

36-18s-34w Scott co.

301 S Market ST
Wichita, KS 67202

HRC Feedyard #3-36

Job Ticket: 57064

DST#: 4

ATTN: Brad Rine

Test Start: 2014.05.05 @ 02:08:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

28 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbf

Water Loss: 6.59 in²

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
250.00	GMCO 20g 30m 50o	3.507
205.00	GO 20g 80o	2.876
0.00	315' GP	0.000

Total Length: 455.00 ft Total Volume: 6.383 bbf

Num Fluid Samples: 0

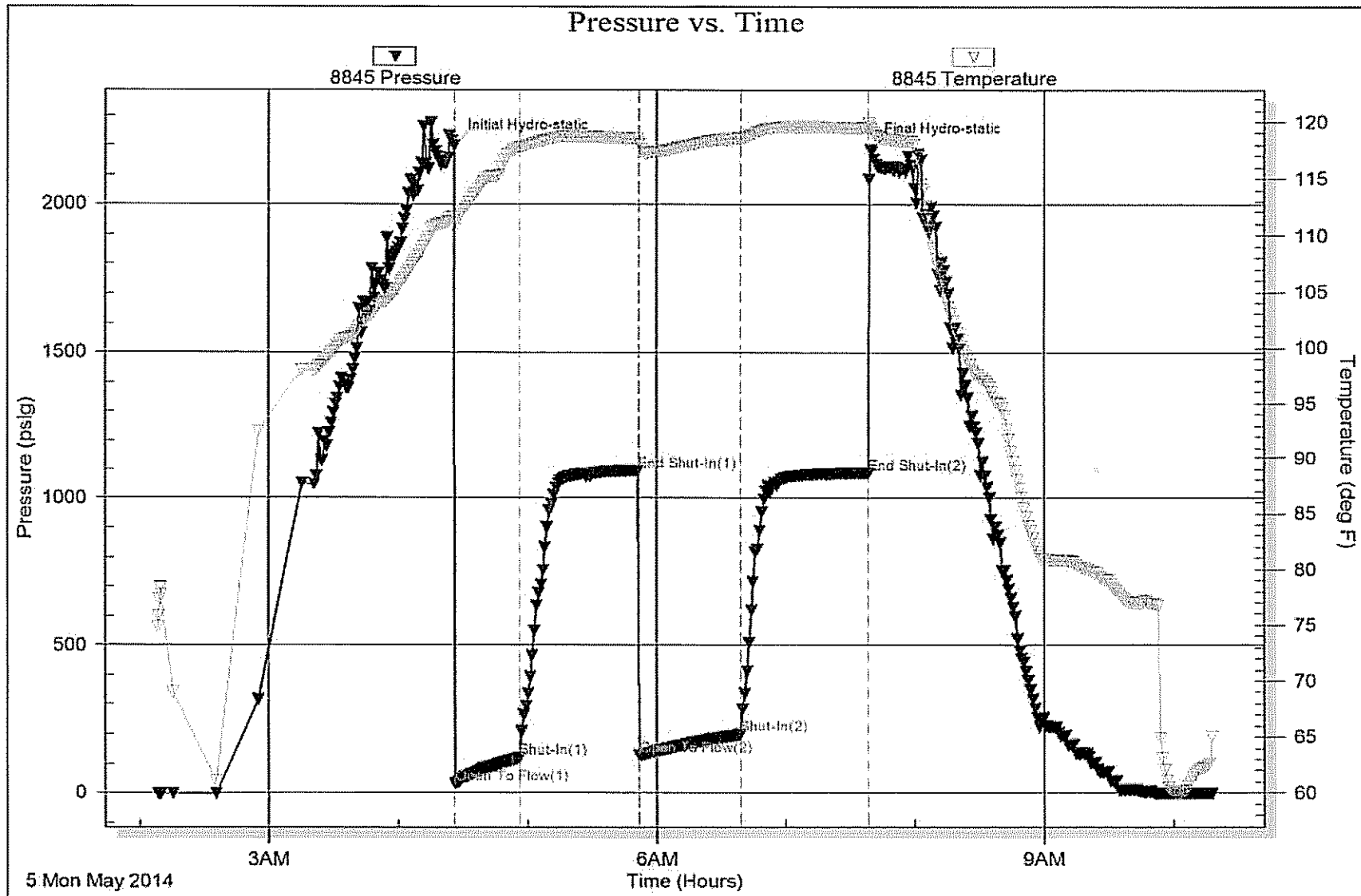
Num Gas Bombs: 0

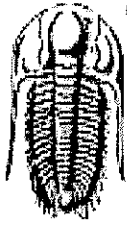
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity: 29 @ 70 degrees= 28 deg API





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Lario Oil & Gas Company

36-18s-34w Scott co.

301 S Market ST
Wichita, KS 67202

HRC Feedyard #3-36

Job Ticket: 57065

DST#: 5

ATTN: Brad Rine

Test Start: 2014.05.06 @ 02:54:00

GENERAL INFORMATION:

Formation: **Marmaton C Pawnee, F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:10:30

Time Test Ended: 09:33:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Samuel Esparza

Unit No: 71

Interval: **4500.00 ft (KB) To 4585.00 ft (KB) (TVD)**

Total Depth: **4585.00 ft (KB) (TVD)**

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

Reference Elevations: **3083.00 ft (KB)**

3071.00 ft (CF)

KB to GR/CF: **12.00 ft**

Serial #: 8845 Inside

Press@RunDepth: 23.10 psig @ 4501.00 ft (KB)

Start Date: 2014.05.06

End Date:

2014.05.06

Start Time: 02:54:05

End Time:

09:33:29

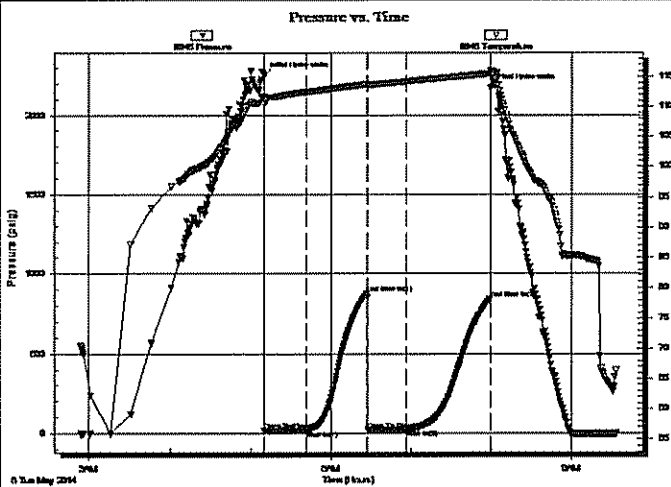
Capacity: 8000.00 psig

Last Calib.: 2014.05.06

Time On Blm: 2014.05.06 @ 05:10:15

Time Off Blm: 2014.05.06 @ 07:59:45

TEST COMMENT: IF: 1" Blow.
ISI: No Return.
FF: No Blow.
FSI: No Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2249.94	111.72	Initial Hydro-static
1	15.46	110.42	Open To Flow (1)
32	18.49	112.49	Shut-in(1)
77	875.49	113.75	End Shut-in(1)
78	21.02	113.51	Open To Flow (2)
107	23.10	114.21	Shut-in(2)
169	841.46	115.51	End Shut-in(2)
170	2177.44	116.00	Final Hydro-static

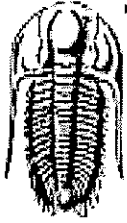
Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud 100m (Oil Spots)	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 Company

36-18s-34w Scott co.

301 S Market ST
Wichita, KS 67202

HRC Feedyard #3-36

Job Ticket: 57065

DST#: 5

ATTN: Brad Rine

Test Start: 2014.05.06 @ 02:54:00

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: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in²

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 9000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Mud 100m (Oil Spots)	0.210

Total Length: 15.00 ft

Total Volume: 0.210 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

