



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1210014
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
-----------------------------------	-----------------	---

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: _____

1210014

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. <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
--	--	---

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Corinne 5-33
Doc ID	1210014

All Electric Logs Run

DIL
MEL
CNL/CDL
BHCS

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Corinne 5-33
Doc ID	1210014

Tops

Name	Top	Datum
Heebner	3662	-933
Lansing	3701	-972
Stark Shale	3955	-1226
Hushpuckney	3992	-1263
Base KC	4044	-1315
Marmaton	4080	-1351
Pawnee	4157	-1428
Ft. Scott	4186	-1457
Johnson	4279	-1550
Morrow	4304	-1575
Basal Penn	4333	-1604
Mississippian	4345	-1616

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Corinne 5-33
Doc ID	1210014

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
6	4334 - 4346	1250 g 7.5% MCA	4334 - 4346
4	4297 - 4301	500 g 15% NEFE	4297 - 4301
4	4137 - 4141	350 g 15% NEFE	4137 - 4141
4	4012 - 4016	250 g 15% NEFE; 500 g 15% NEFE	4012 - 4016
4	3926 - 3932		
4	3912 - 3922		
4	3780 - 3787	300 g 15% MCA	3780 - 3787



INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 143792
Invoice Date: Jun 11, 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 14 093
6-22-14 LK*

Customer ID	Field Ticket #	Payment Terms	
Lario	64011	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Jun 11, 2014	7/11/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Corinne #5-33		
145.00	CEMENT MATERIALS	Class A Common	17.90	2,595.50
409.00	CEMENT MATERIALS	Chloride	1.10	449.90
152.25	CEMENT SERVICE	Cubic Feet Charge	2.48	377.58
175.50	CEMENT SERVICE	Ton Mileage Charge	2.75	482.63
1.00	CEMENT SERVICE	Surface	1,512.25	1,512.25
25.00	CEMENT SERVICE	Pump Truck Mileage	7.70	192.50
1.00	CEMENT SERVICE	Swedge Manifold Rental	275.00	275.00
25.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	110.00
1.00	EQUIPMENT OPERATOR	Paul Beaver		
1.00	EQUIPMENT OPERATOR	Tyler Flipse		
1.00	OPERATOR ASSISTANT	Adam Flipse		

xe
JUN 24 2014
xe

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

\$ 1,798.60

ONLY IF PAID ON OR BEFORE
Jul 11, 2014

Subtotal	5,995.36
Sales Tax	232.97
Total Invoice Amount	6,228.33
Payment/Credit Applied	
TOTAL	6,228.33

64011

BID SHEET



Hide/Unhide Rows

Date	April 21, 2014
Ticket Number	
Service Point:	Oakley, KS
Address	P.O. Box 27
	Oakley, KS 67748
Business Phone	785-672-3452

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

Company	Larjo 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@larjooll.com	Depth	220
Well Name	Corinne	Mobile Phone:		String	O1 Surface
Well Number	#5-33	Prepared By:	Neal Rupp	Casing Size	8 5/8
Field	S2,SW,NW,SE, Sec: 33-T14S-R3	Email	neal.rupp@alliedservices.com	ID	8.095
County	Logan	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.		Btm (md)	220
Specific Job Type	O1 Surface	Rig Phone:		Thread	LTC
		Company Rep			
		Rep Phone No.			
		Mileage (one-way)	25		
		Proposal Date	April 21, 2014		

OPERATIONS	Units	UOM	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	25.00%
PRODUCTS										
CLASS A COMMON	145.00	per sack	\$17.90	\$ 2,595.50	\$ 12.53	\$1,816.85	\$0.00	\$0.00	\$1,816.85	100.0%
Calcium Chloride	6.00	per sack	\$64.00	\$ 384.00	\$ 44.80	\$268.80	\$15.00	\$90.00	\$178.80	66.5%
Subtotal				\$ 2,979.50		\$2,085.65		\$90.00	\$1,995.65	95.68%
TRANSPORT										
Products handling service charge	153.10	per cu. ft.	\$2.48	\$ 379.68	\$ 1.74	\$265.78				
Drayage for Products	175.49	ton-mile	\$2.60	\$ 456.26	\$ 1.82	\$319.38				
Light Vehicle Mileage	25.00	per mile	\$4.40	\$ 110.00	\$ 3.08	\$77.00				
Heavy Vehicle Mileage	25.00	per mile	\$7.70	\$ 192.50	\$ 5.39	\$134.75				
Subtotal				\$ 1,138.44		\$796.91				
Totals:				\$ 5,981.44		\$4,209.89				
DISCOUNT: Operations			30.0%	(536.18)						
DISCOUNT: Equipment Sales			0.0%	0.00						
DISCOUNT: Products			30.0%	(893.85)						
DISCOUNT: Transport			30.0%	(341.53)						
DISCOUNT: ADDITIONAL ITEMS			30.0%	0.00						
			Total	(1,771.56)						

Services Total	Gross \$2,925.69	Discount \$877.71	Final \$2,047.99	Costs:	\$ GP	% GP	
Materials Total	\$3,055.75	\$893.85	\$2,161.90	Services	\$921.59	\$1,126.39	55.00%
Final Total	\$5,981.44	\$1,771.56	\$4,209.89	Materials	\$147.19	\$2,014.71	93.19%
				Total	\$1,068.78	\$3,141.00	74.61%

ADDITIONAL ITEMS	Units	UOM	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



INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 144089
Invoice Date: Jun 23, 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	64034	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Jun 23, 2014	7/23/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Corinne #5-33		
170.00	CEMENT MATERIALS	ASC	20.90	3,553.00
375.00	CEMENT MATERIALS	Light Weight Type 1	16.50	6,187.50
867.00	CEMENT MATERIALS	Salt	0.68	589.56
94.00	CEMENT MATERIALS	Flo Seal	2.97	279.18
850.00	CEMENT MATERIALS	Gilsonite	0.98	833.00
51.00	CEMENT MATERIALS	FI-160	18.90	963.90
25.00	CEMENT MATERIALS	Defoamer	3.50	87.50
12.00	CEMENT MATERIALS	Mud Clean	41.09	493.08
643.95	CEMENT SERVICE	Cubic Feet Charge	2.48	1,597.00
679.50	CEMENT SERVICE	Ton Mileage Charge	2.75	1,868.63
1.00	CEMENT SERVICE	Production -- Bottom Stage	2,765.75	2,765.75
1.00	CEMENT SERVICE	Production -- Top Stage	2,406.25	2,406.25
25.00	CEMENT SERVICE	Pump Truck Mileage	7.70	192.50
1.00	CEMENT SERVICE	Manifold Head Rental	275.00	275.00
25.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	110.00
1.00	EQUIPMENT SALES	5-1/2 D V Tool	5,335.00	5,335.00
1.00	EQUIPMENT SALES	5-1/2 AFU Float Shoe	640.00	640.00
1.00	EQUIPMENT SALES	5-1/2 Latch Down Plug	325.00	325.00
12.00	EQUIPMENT SALES	5-1/2 Centralizer	57.00	684.00
1.00	EQUIPMENT SALES	5-1/2 Basket	395.00	395.00

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

\$ 8,505.30

ONLY IF PAID ON OR BEFORE
Jul 23, 2014

Subtotal	Continued
Sales Tax	Continued
Total Invoice Amount	Continued
Payment/Credit Applied	
TOTAL	Continued



INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 144089

Invoice Date: Jun 23, 2014

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

Page: 2

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	64034	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Jun 23, 2014	7/23/14

Quantity	Item	Description	Unit Price	Amount
1.00	CEMENT SUPERVISOR	LaRene Wentz		
1.00	EQUIPMENT OPERATOR	Wayne McGhghy		

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

\$ 8,505.30

ONLY IF PAID ON OR BEFORE
Jul 23, 2014

Subtotal	29,580.85
Sales Tax	1,557.98
Total Invoice Amount	31,138.83
Payment/Credit Applied	
TOTAL	31,138.83

ALLIED OIL & GAS SERVICES, LLC 064034

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: Oakley, TX

DATE <u>6-23-14</u>	SEC <u>33</u>	TWP <u>14</u>	RANGE <u>32</u>	CALLED OUT	ON LOCATION <u>10:00 am</u>	JOB START <u>7:15 pm</u>	JOB FINISH <u>8:10 pm</u>
LEASE <u>Carrine</u>	WELL # <u>S33</u>	LOCATION <u>Oakley, 23 S, 1 W,</u>	COUNTY <u>Logan</u>	STATE <u>KS</u>			
OLD OR NEW (Circle one)				<u>NEW</u>			

CONTRACTOR <u>WJ 2</u>	OWNER <u>Same</u>
TYPE OF JOB <u>Production 2 stage</u>	
HOLE SIZE <u>7 7/8</u>	T.D. <u>4504'</u>
CASING SIZE <u>5 1/2</u>	DEPTH <u>4475.99'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL <u>DW</u>	DEPTH <u>2195.31'</u>
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT <u>21.01'</u>
CEMENT LEFT IN CSG. <u>21.01'</u>	
PERFS.	
DISPLACEMENT <u>106.03 bbl</u>	

PUMP TRUCK CEMENTER <u>Lakene E Wenz</u>	<u>Plossal</u>	<u>74#</u>	@	<u>2.77</u>	<u>279.18</u>
# <u>422</u>	HELPER <u>Wayne McGloughly</u>	<u>9750#</u>	@	<u>.98</u>	<u>983.00</u>
BULK TRUCK		<u>FL 160 (CR. 210)</u>	@	<u>51#</u>	<u>18.90</u>
# <u>386/241</u>	DRIVER <u>Juan Tamez (TWS)</u>	<u>Deframer</u>	@	<u>2.50</u>	<u>87.50</u>
BULK TRUCK		<u>Mud Clean</u>	@	<u>12661</u>	<u>41.09</u>
# <u>600</u>	DRIVER <u>Esteban Akala (TWS)</u>	<u>Mc Series</u>	@	<u>12661</u>	<u>1296.70</u>
		<u>HANDLING</u>	@	<u>693.95</u>	<u>2.48</u>
		<u>MILEAGE</u>	@	<u>22.18</u>	<u>2.75</u>
				<u>(3.894.00 / 30%)</u>	<u>TOTAL</u>

REMARKS:
Pump ball through 400 lb Mix Mud clean
Mix 170 stas cement, Displacement
water used, Land pay 1700\$ open
D/T test 300 lb, Cure 3 hrs. Plug 15' stop
Plug 15' stop, mix 330 stas cement
Displacement water hand plug
1700 lb. 15' stop hold, cement dtd.
circulate. 20 stas pit
Thank you.

CHARGE TO: Lario Oil & Gas Co
 STREET _____
 CITY _____ STATE _____ ZIP _____

DEPTH OF JOB <u>4475.99'</u>	
PUMP TRUCK CHARGE	<u>2795.75</u>
EXTRA FOOTAGE <u>2nd stage</u>	<u>2406.25</u>
MILEAGE <u>MTW</u>	<u>25 @ 2.70</u>
MANIFOLD <u>Wood</u>	@ <u>275.00</u>
<u>MUD</u>	<u>95 @ 4.40</u>
	@
	<u>(2,764.53 / 30%)</u>
	<u>TOTAL 9,215.13</u>

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.

<u>Weatherford</u>	
PLUG & FLOAT EQUIPMENT	
<u>DD Tool</u>	<u>5835.00</u>
<u>AFC Float Shoe</u>	@ <u>640.00</u>
<u>Hotch down plug</u>	@ <u>325.00</u>
<u>(12) Centralizers</u>	@ <u>52.00</u>
<u>(1) Basket</u>	@ <u>375.00</u>
	@
<u>Bid</u>	<u>(1,844.75 / 25%)</u>
	<u>TOTAL 7,379.00</u>

PRINTED NAME Jim Gillogly
 SIGNATURE Jim Gillogly

SALES TAX (If Any) _____
 TOTAL CHARGES 29,580.85
 DISCOUNT 7,505.30 / 30% IF PAID IN 30 DAYS
21,075.55 Net

BID SHEET



Hide/Unhide Rows

Date	April 21, 2014
Ticket Number	
Service Point:	Oakley, KS
Address	P.O. Box 27
	Oakley, KS 67748
Business Phone	785-672-3452

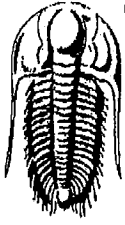
Manager	Terry Heinrich
E-mail	terry.heinrich@alliedservices.com
Mobile Phone	785-673-9376

Company	Lario Oil & Gas	Prepared For:	Jay Schwelkert	Well Data	
Address	301 S Market	Business Phone:	316-265-5611	Open Hole	7 7/8
Address	Wichita, KS 67202	Email:	jschwelkert@lariooil.com	Depth	4,500
Well Name	Corinne	Mobile Phone:		String	4 Port Collar/Stage
Well Number	#5-33	Prepared By:	Neal Rupp	Casing Size	5 1/2
Field	SE, NE, NE, NW Sec: 1 - T19S - R3	Email	neal.rupp@alliedservices.com	ID	4,950
County	Logan	Mobile Phone:	316-250-7057	Weight	15.5
State	Kansas	Business Phone:	316-260-3368	Grade	J-55
City		Rtg Contractor		Top (md)	
API Number		Rtg Name/No.		Btm (md)	4,500
Specific Job Type	04 Port Collar/Stage	Rtg Phone:		Thread	2,200
		Company Rep			
		Rep Phone No.			
		Mileage (one-way)	25		
		Proposal Date	4/21/2014		

OPERATIONS	Units	UOM	Cost per Unit	Total	Unit Net	Net	Cost per Unit	Cost Total	\$ GP	% GP
Casing Pump Charge 5001' to 6000'	1.00	for 6 hours	\$3,099.25	\$ 3,099.25	\$ 2,169.48	\$2,169.48				
Stage Job - Additional Stages	1.00	min. 4 hr	\$2,406.25	\$ 2,406.25	\$ 1,684.38	\$1,684.38				
Cementing Head Rental with Manifold	1.00	per day	\$275.00	\$ 275.00	\$ 192.50	\$192.50				
Subtotal				\$ 5,780.50		\$4,046.35				
EQUIPMENT SALES										
5 1/2 AFU Float Shoe	1.00	each	\$640.00	\$ 640.00	\$ 480.00	\$480.00	\$57.19	\$57.19	\$422.81	88.1%
5 1/2 Latch Down Plug	1.00	each(blue)	\$325.00	\$ 325.00	\$ 243.75	\$243.75	\$50.63	\$50.63	\$193.12	79.2%
5 1/2 Stage Collar Standard	1.00	each	\$5,335.00	\$ 5,335.00	\$ 4,001.25	\$4,001.25	\$3,447.31	\$3,447.31	\$553.94	13.8%
5 1/2 Cement Basket	1.00	each	\$395.00	\$ 395.00	\$ 296.25	\$296.25	\$170.00	\$170.00	\$126.25	42.6%
5 1/2 Centralizer	16.00	each	\$97.00	\$ 912.00	\$ 42.75	\$684.00	\$24.57	\$393.12	\$290.88	42.5%
Subtotal				\$ 7,607.00		\$5,705.25		\$4,118.25	\$1,587.00	27.82%
PRODUCTS										
Super Flush	12.00	per bbl	\$58.70	\$ 704.40	\$ 41.09	\$493.08	\$46.06	\$552.72	-\$59.64	-12.1%
ALLIED SPECIAL BLEND CEMENT - CLASS A	150.00	per sack	\$20.90	\$ 3,135.00	\$ 14.63	\$2,194.50	\$0.00	\$0.00	\$2,194.50	100.0%
FL-16 Fluid Loss Additive - High Temperature	43.00	per pound	\$18.90	\$ 812.70	\$ 13.23	\$568.89	\$3.98	\$171.14	\$397.75	69.9%
Rol Seal	750.00	per pound	\$0.98	\$ 735.00	\$ 0.69	\$514.50	\$0.22	\$165.00	\$349.50	67.9%
Powdered Defoamer	21.00	per pound	\$9.80	\$ 205.80	\$ 6.86	\$144.06	\$0.87	\$18.27	\$125.79	87.3%
ALLIED LIGHT WEIGHT CEMENT TYPE 1 - CLASS A	370.00	per sack	\$16.50	\$ 6,105.00	\$ 11.55	\$4,273.50	\$0.00	\$0.00	\$4,273.50	100.0%
Flo Seal	93.00	per pound	\$2.97	\$ 276.21	\$ 2.08	\$193.35	\$1.08	\$100.44	\$92.91	48.1%
ALLIED LIGHT WEIGHT CEMENT TYPE 1 - CLASS A	45.00	per sack	\$16.50	\$ 742.50	\$ 11.55	\$519.75	\$0.00	\$0.00	\$519.75	100.0%
Flo Seal	12.00	per pound	\$2.97	\$ 35.64	\$ 2.08	\$24.95	\$1.08	\$12.96	\$11.99	48.1%
Subtotal				\$ 12,752.25		\$8,926.58		\$1,020.53	\$7,906.05	88.57%
TRANSPORT										
Products handling service charge	655.49	per cu. Ft.	\$2.48	\$ 1,625.61	\$ 1.74	\$1,137.93				
Drayage for Products	690.57	ton-mile	\$2.60	\$ 1,795.49	\$ 1.82	\$1,256.84				
Light Vehicle Mileage	25.00	per mile	\$4.40	\$ 110.00	\$ 3.08	\$77.00				
Heavy Vehicle Mileage	25.00	per mile	\$7.70	\$ 192.50	\$ 5.39	\$134.75				
Subtotal				\$ 3,723.60		\$2,606.52				
Totals:				\$ 29,863.35		\$21,284.70				
DISCOUNT: Operations			30.0%	(1,734.15)						
DISCOUNT: Equipment Sales			25.0%	(1,901.75)						
DISCOUNT: Products			30.0%	(3,825.68)						
DISCOUNT: Transport			30.0%	(1,117.08)						
DISCOUNT: ADDITIONAL ITEMS			30.0%	0.00						
= Total				(8,578.66)						

	Gross	Discount	Final	Costs:	\$ GP.	% GP	
Services Total	\$9,504.10	\$2,851.23	\$6,652.87	Services	\$2,993.79	\$3,659.08	55.00%
Materials Total	\$20,359.25	\$5,727.43	\$14,631.83	Materials	\$5,138.78	\$9,493.05	64.88%
Final Total	\$29,863.35	\$8,578.66	\$21,284.70	Total	\$8,132.57	\$13,152.12	61.79%

ADDITIONAL ITEMS										
Additional hours, in excess of set hours	1.00	per hour	\$440.00	\$ 440.00	\$ 308.00	\$308.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Co.

S33-14s-32w Logan, KS

301 S. Market St.
Wichita, KS 67202

Corinne #5-33

Job Ticket: 57697

DST#: 1

ATTN: Mac Armstrong

Test Start: 2014.06.15 @ 13:02:00

GENERAL INFORMATION:

Formation: **Lansing 'B'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:15:50

Time Test Ended: 20:47:09

Test Type: Conventional Bottom Hole (Initial)

Tester: Chuck Smith

Unit No: 62

Interval: **3722.00 ft (KB) To 3752.00 ft (KB) (TVD)**

Reference Elevations: 2729.00 ft (KB)

Total Depth: 3752.00 ft (KB) (TVD)

2724.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8357

Inside

Press@RunDepth: 132.55 psig @ 3725.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.06.15

End Date: 2014.06.15

Last Calib.: 2014.06.15

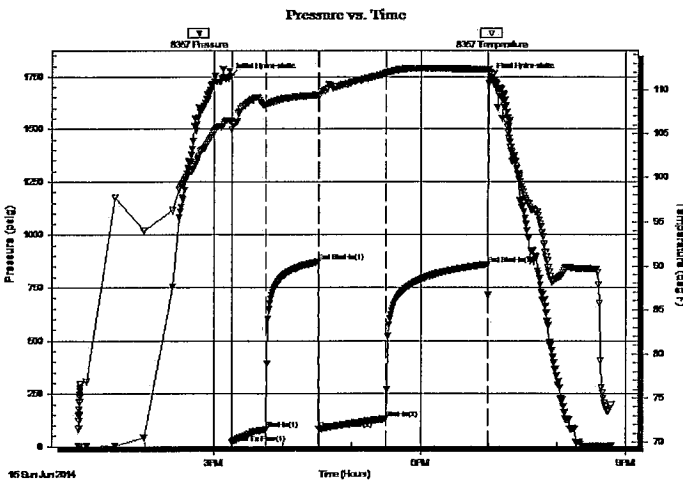
Start Time: 13:02:02

End Time: 20:47:10

Time On Btm: 2014.06.15 @ 15:14:00

Time Off Btm: 2014.06.15 @ 19:01:30

TEST COMMENT: 30- 6" Blow.
45- No return.
60- 9" Blow.
90- No return.



PRESSURE SUMMARY

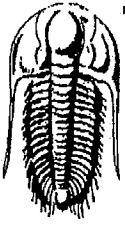
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1748.91	106.41	Initial Hydro-static
2	18.70	105.47	Open To Flow (1)
32	81.37	108.30	Shut-In(1)
77	874.20	109.43	End Shut-In(1)
77	82.74	109.26	Open To Flow (2)
136	132.55	111.90	Shut-In(2)
226	860.97	112.34	End Shut-In(2)
228	1747.65	111.92	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	RW: .145 @ 71 Degrees F = 54000 PPM	0.00
250.00	OSMW 40m 60w	2.39

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Co.

S33-14s-32w Logan, KS

301 S. Market St.
Wichita, KS 67202

Corinne #5-33

Job Ticket: 57697

DST#: 1

ATTN: Mac Armstrong

Test Start: 2014.06.15 @ 13:02:00

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:	54000 ppm
Viscosity: 61.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.40 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	RW: .145 @ 71 Degrees F = 54000 PPM	0.000
250.00	OSMW 40m 60w	2.386

Total Length: 250.00 ft Total Volume: 2.386 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: API: @ Degrees F =

Serial #: 8357

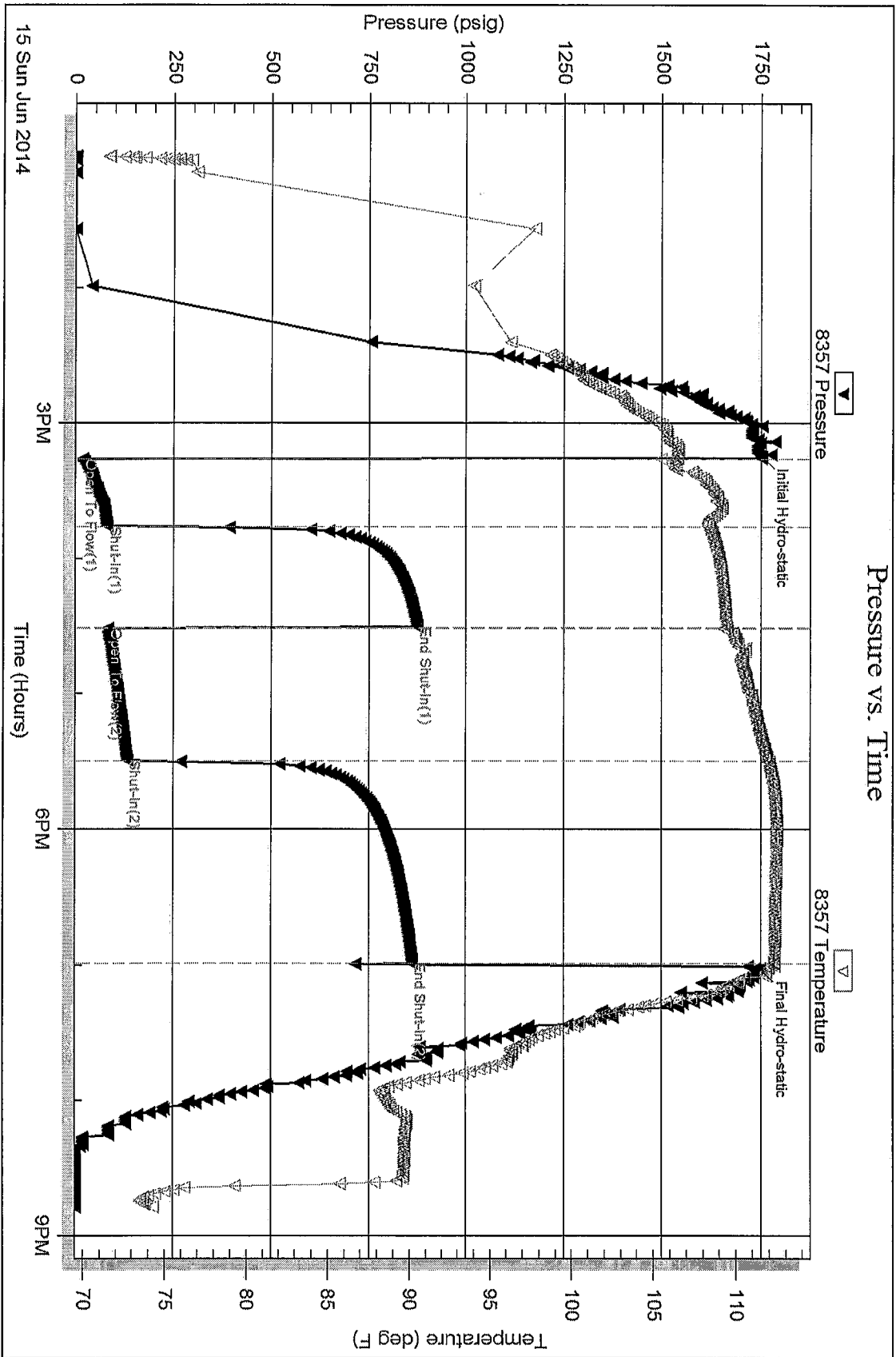
Inside

Lario Oil & Gas Co.

Corline #5-33

DST Test Number: 1

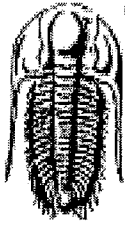
Pressure vs. Time



Triobite Testing, Inc

Ref. No: 57697

Printed: 2014.06.15 @ 22:48:02



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Lario Oil & Gas Co.

S33-14s-32w Logan, KS

301 S. Market St.
Wichita, KS 67202

Corinne #5-33

Job Ticket: 57698

DST#: 2

ATTN: Mac Armstrong

Test Start: 2014.06.16 @ 04:55:00

GENERAL INFORMATION:

Formation: **Lansing 'D'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:30:30

Time Test Ended: 11:32:50

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 62

Interval: **3770.00 ft (KB) To 3796.00 ft (KB) (TVD)**

Reference Elevations: 2729.00 ft (KB)

Total Depth: 3796.00 ft (KB) (TVD)

2724.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8357

Inside

Press@RunDepth: 75.48 psig @ 3773.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.06.16

End Date: 2014.06.16

Last Calib.: 2014.06.16

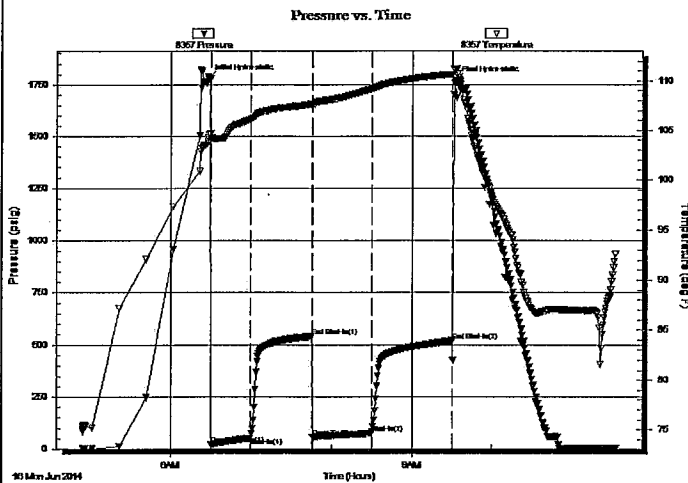
Start Time: 04:55:02

End Time: 11:32:50

Time On Btm: 2014.06.16 @ 06:28:10

Time Off Btm: 2014.06.16 @ 09:32:09

TEST COMMENT: 30- 7" Blow.
45- No return.
45- B.O.B. @ 43 min.
60- Weak return died @ 5 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1780.68	103.92	Initial Hydro-static
3	19.68	104.07	Open To Flow (1)
32	52.70	106.17	Shut-In(1)
77	540.63	107.69	End Shut-In(1)
78	57.52	107.54	Open To Flow (2)
122	75.48	109.20	Shut-In(2)
183	519.89	110.67	End Shut-In(2)
184	1770.80	111.08	Final Hydro-static

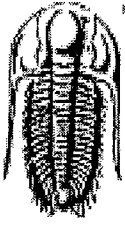
Recovery

Length (ft)	Description	Volume (bbl)
61.00	GMCO 5g 35m 60o	0.30
62.00	GMCO 10g 15m 75o	0.30
42.00	CGO 10g 90o	0.59
0.00	20' Weak GLP	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.

S33-14s-32w Logan, KS

301 S. Market St.
Wichita, KS 67202

Corinne #5-33

Job Ticket: 57698

DST#: 2

ATTN: Mac Armstrong

Test Start: 2014.06.16 @ 04:55:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 34 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl	
Water Loss: 6.39 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 2000.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
61.00	GMCO 5g 35m 60o	0.300
62.00	GMCO 10g 15m 75o	0.305
42.00	CGO 10g 90o	0.589
0.00	20' Weak GIP	0.000

Total Length: 165.00 ft Total Volume: 1.194 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API: 37 @ 90 Degrees F = 34.

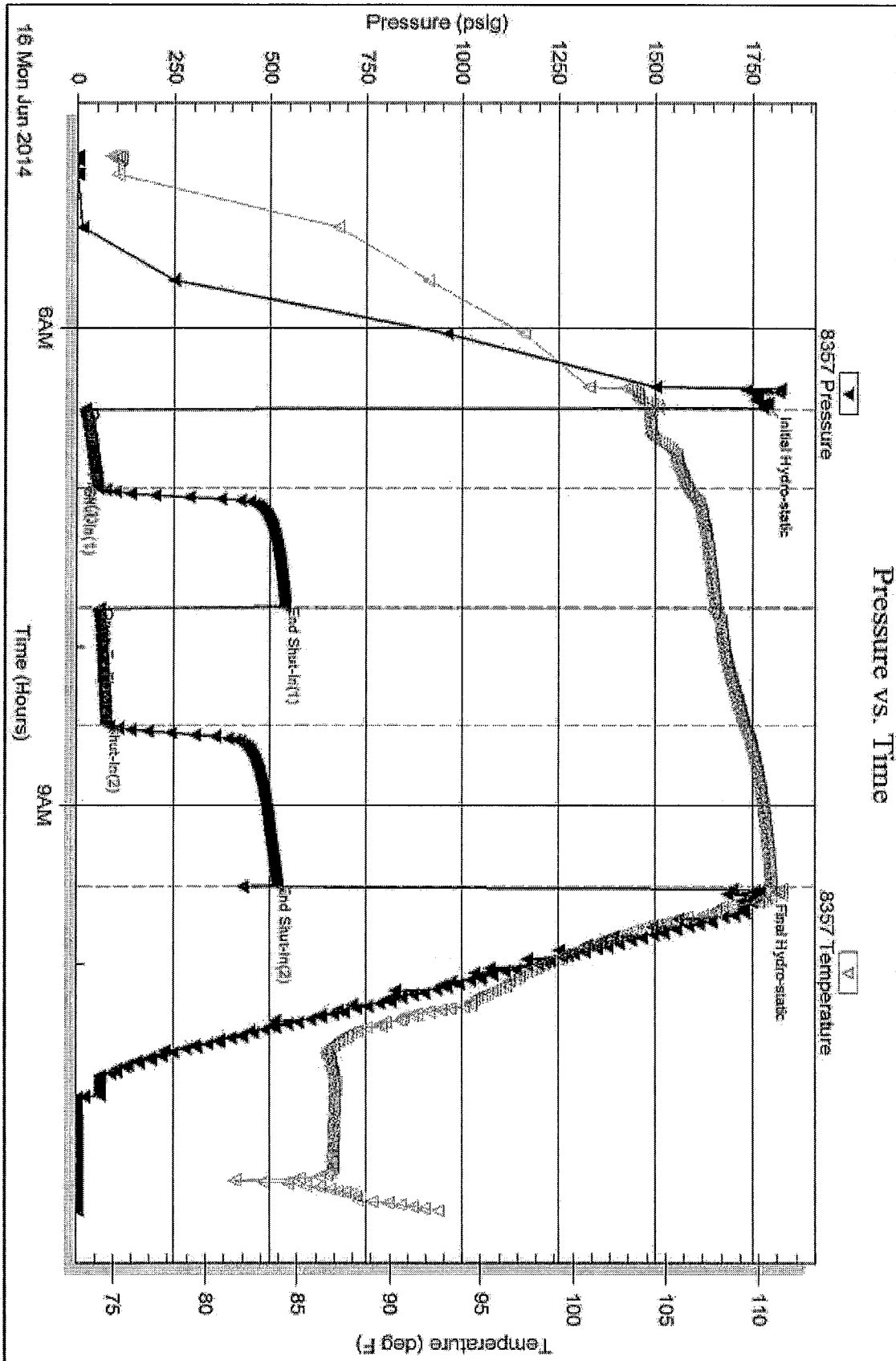
Serial #: 8357

Inside

Largo Oil & Gas Co.

Corrime #5-33

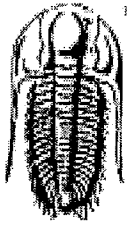
DST Test Number: 2



Tribble Testing, Inc

Ref. No: 57699

Printed: 2014.06.16 @ 11:53:59



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Lario Oil & Gas Co.

S33-14s-32w Logan, KS

301 S. Market St.
Wichita, KS 67202

Corinne #5-33

Job Ticket: 57699

DST#: 3

ATTN: Mac Armstrong

Test Start: 2014.06.17 @ 00:49:00

GENERAL INFORMATION:

Formation: **Lansing 'I'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:36:40

Time Test Ended: 07:28:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 62

Interval: **3890.00 ft (KB) To 3914.00 ft (KB) (TVD)**

Reference Elevations: 2729.00 ft (KB)

Total Depth: 3914.00 ft (KB) (TVD)

2724.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8357 Inside

Press@RunDepth: 102.88 psig @ 3891.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.06.17

End Date:

2014.06.17

Last Calib.: 2014.06.17

Start Time: 00:49:02

End Time:

07:28:00

Time On Btm: 2014.06.17 @ 02:34:40

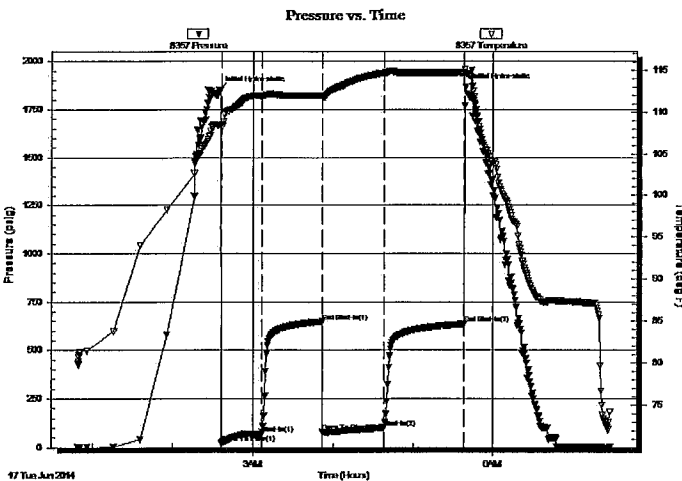
Time Off Btm:

TEST COMMENT: 11" Blow.

No return.

B.O.B. @ 30 min.

1" Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1850.41	108.40	Initial Hydro-static
2	22.13	108.12	Open To Flow (1)
32	72.43	111.92	Shut-In(1)
77	649.01	111.97	End Shut-In(1)
77	79.43	111.79	Open To Flow (2)
124	102.88	114.67	Shut-In(2)
184	635.61	114.70	End Shut-In(2)
185	1866.82	114.54	Initial Hydro-static

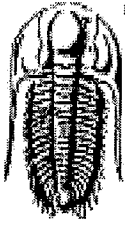
Recovery

Length (ft)	Description	Volume (bbl)
123.00	GOCM 10g 20o 70m	0.60
112.00	CGO 30g 70o	1.57
0.00	190' GIP	0.00

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 Co.

S33-14s-32w Logan, KS

301 S. Market St.
Wichita, KS 67202

Corinne #5-33

Job Ticket: 57699

DST#: 3

ATTN: Mac Armstrong

Test Start: 2014.06.17 @ 00:49:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 36 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 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 4000.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
123.00	GOCM 10g 20o 70m	0.605
112.00	CGO 30g 70o	1.571
0.00	190' GIP	0.000

Total Length: 235.00 ft Total Volume: 2.176 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: API: 37 @ 70 Degrees F = 36.

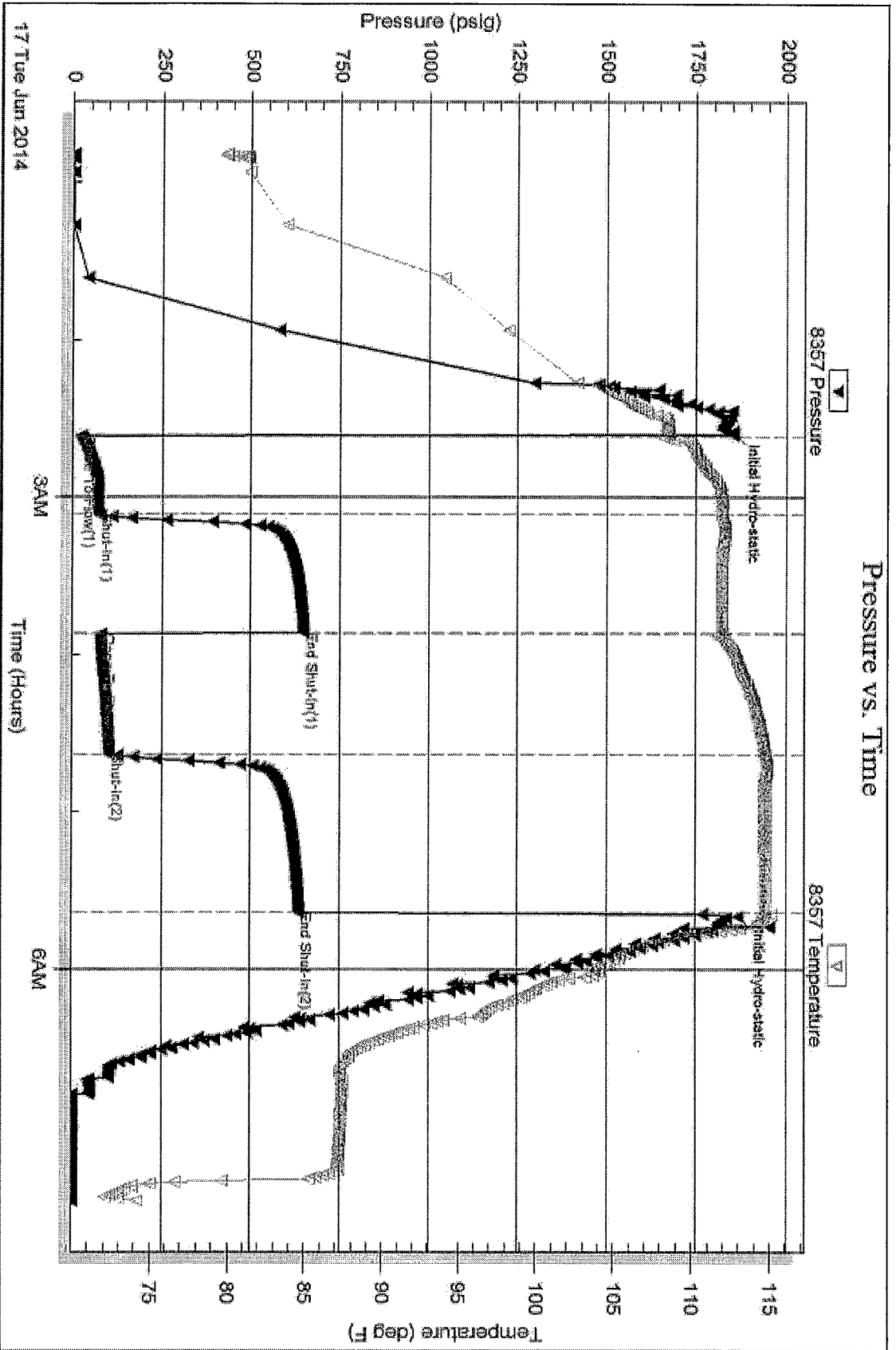
Serial #: 8357

Inside

Lario Oil & Gas Co.

Corrime #5-33

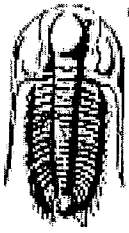
DST Test Number: 3



Tribble Testing, Inc

Ref. No. 57699

Printed: 2014-06-17 @ 07:49:50



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Lario Oil & Gas Co.

S33-14s-32w Logan, KS

301 S. Market St.
Wichita, KS 67202

Corinne #5-33

Job Ticket: 57700

DST#: 4

ATTN: Mac Armstrong

Test Start: 2014.06.17 @ 14:19:00

GENERAL INFORMATION:

Formation: **Lansing 'J'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:35:50

Time Test Ended: 21:03:50

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 62

Interval: **3914.00 ft (KB) To 3942.00 ft (KB) (TVD)**

Total Depth: 3942.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2729.00 ft (KB)

2724.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8357 Inside

Press@RunDepth: 61.38 psig @ 3915.00 ft (KB)

Start Date: 2014.06.17

End Date: 2014.06.17

Start Time: 14:19:02

End Time: 21:03:50

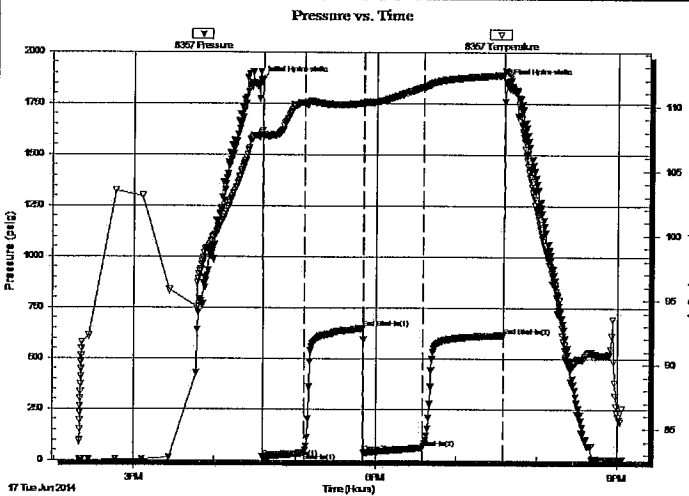
Capacity: 8000.00 psig

Last Calib.: 2014.06.17

Time On Btm: 2014.06.17 @ 16:34:10

Time Off Btm: 2014.06.17 @ 19:36:39

TEST COMMENT: 30- 1" Blow.
45- No return.
45- 1" Blow.
60- No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1862.91	107.77	Initial Hydro-static
2	15.68	107.60	Open To Flow (1)
32	35.48	110.23	Shut-In(1)
77	649.53	110.22	End Shut-In(1)
77	37.98	110.06	Open To Flow (2)
122	61.38	111.46	Shut-In(2)
182	614.81	112.42	End Shut-In(2)
183	1854.71	112.74	Final Hydro-static

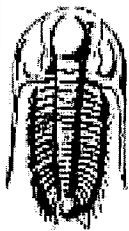
Recovery

Length (ft)	Description	Volume (bbl)
86.00	OSM 100m	0.42
5.00	O 100o	0.02

* 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.

S33-14s-32w Logan, KS

301 S. Market St.
Wichita, KS 67202

Corinne #5-33

Job Ticket: 57700

DST#: 4

ATTN: Mac Armstrong

Test Start: 2014.06.17 @ 14:19:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	36 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.20 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
86.00	OSM 100m	0.423
5.00	O 100o	0.025

Total Length: 91.00 ft Total Volume: 0.448 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API: 37 @ 70 Degrees F = 36.

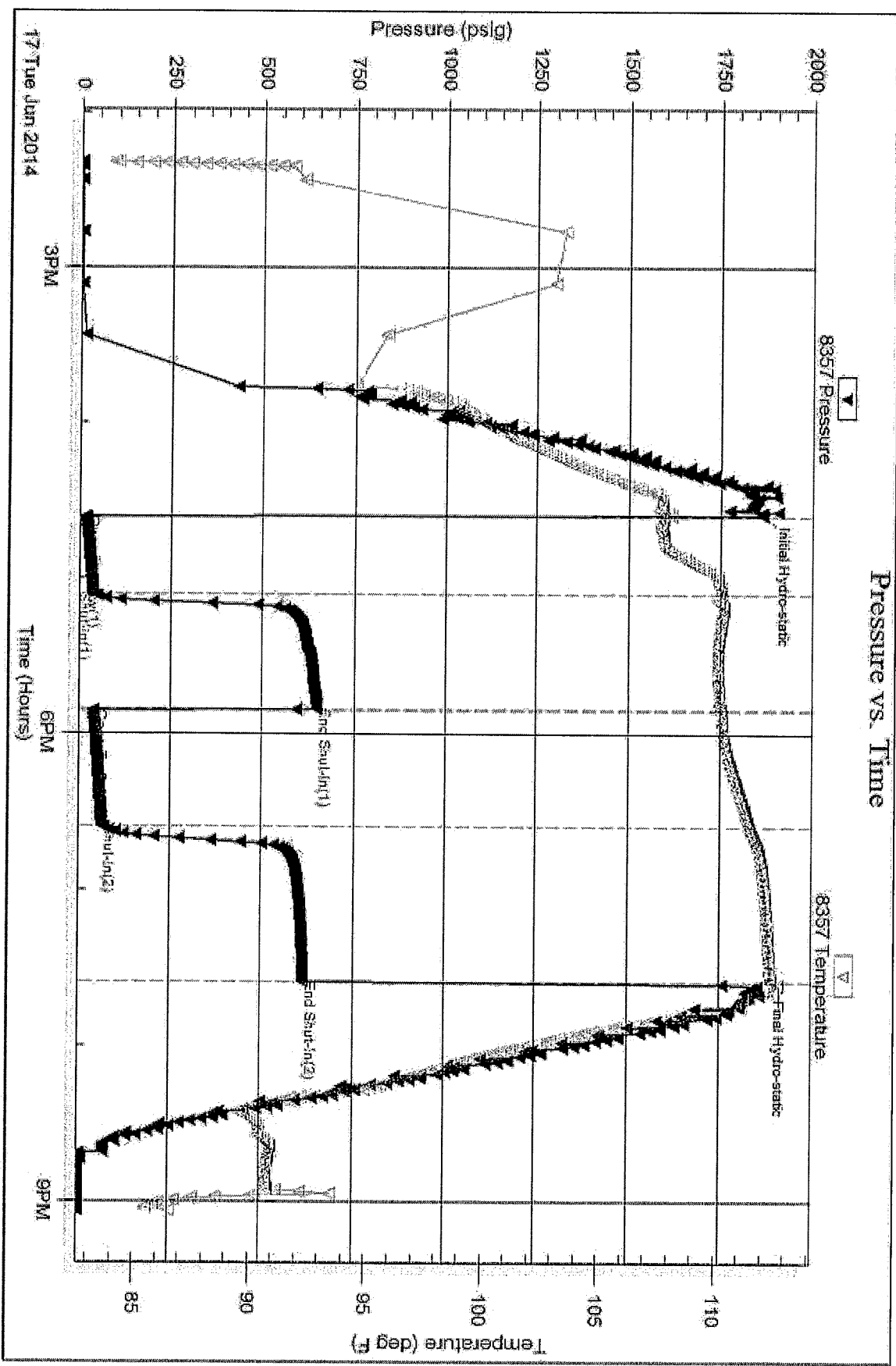
Serial #: 8357

Inside

Largo Oil & Gas Co.

Corrime #5-33

DST Test Number: 4



17 Tue Jun 2014

3PM

6PM

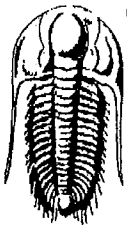
9PM

Time (Hours)

Tribble Testing, Inc

Ref. No: 57700

Printed: 2014.06.18 @ 08:33:58



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas Co.

S33-14s-32w Logan, KS

301 S. Market St.
Wichita, KS 67202

Corinne #5-33

Job Ticket: 57176

DST#: 5

ATTN: Mac Armstrong

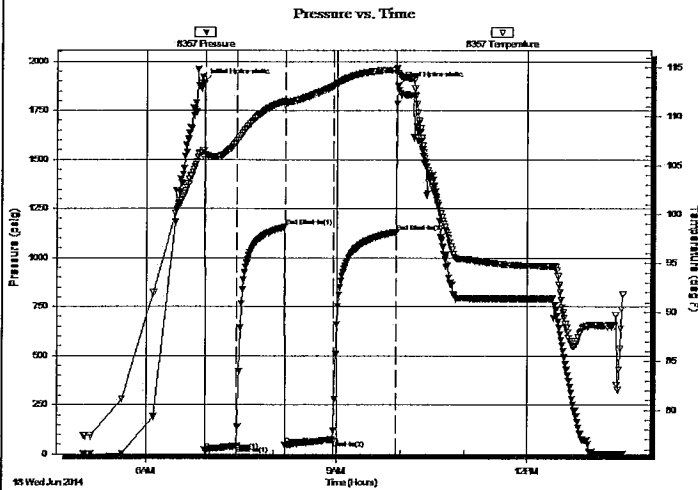
Test Start: 2014.06.18 @ 05:00:00

GENERAL INFORMATION:

Formation: **Lansing 'K'**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 06:54:50
 Time Test Ended: 13:30:20
 Interval: **3950.00 ft (KB) To 3990.00 ft (KB) (TVD)**
 Total Depth: 3990.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Chuck Smith
 Unit No: 62
 Reference Elevations: 2729.00 ft (KB)
 2724.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8357 Inside
 Press@RunDepth: 74.22 psig @ 3954.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.06.18 End Date: 2014.06.18 Last Calib.: 2014.06.18
 Start Time: 05:00:02 End Time: 13:30:20 Time On Btm: 2014.06.18 @ 06:53:00
 Time Off Btm: 2014.06.18 @ 09:57:09

TEST COMMENT: 30- 2" Blow.
 45- No return.
 45- Weak blow died @ 35 min.
 60- No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1889.10	106.54	Initial Hydro-static
2	19.92	105.57	Open To Flow (1)
33	42.59	107.46	Shut-In(1)
78	1156.61	111.57	End Shut-In(1)
78	46.95	111.13	Open To Flow (2)
123	74.22	113.07	Shut-In(2)
183	1130.76	114.76	End Shut-In(2)
185	1875.89	114.46	Final Hydro-static

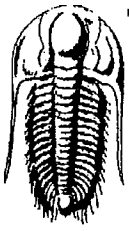
Recovery

Length (ft)	Description	Volume (bbl)
125.00	OSMW 40m 60w	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 Co.

S33-14s-32w Logan, KS

301 S. Market St.
Wichita, KS 67202

Corinne #5-33

Job Ticket: 57176

DST#: 5

ATTN: Mac Armstrong

Test Start: 2014.06.18 @ 05:00:00

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:

38000 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
125.00	OSMW 40m 60w	0.633

Total Length: 125.00 ft Total Volume: 0.633 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .160 @ 84 Degrees F = 38000 PPM

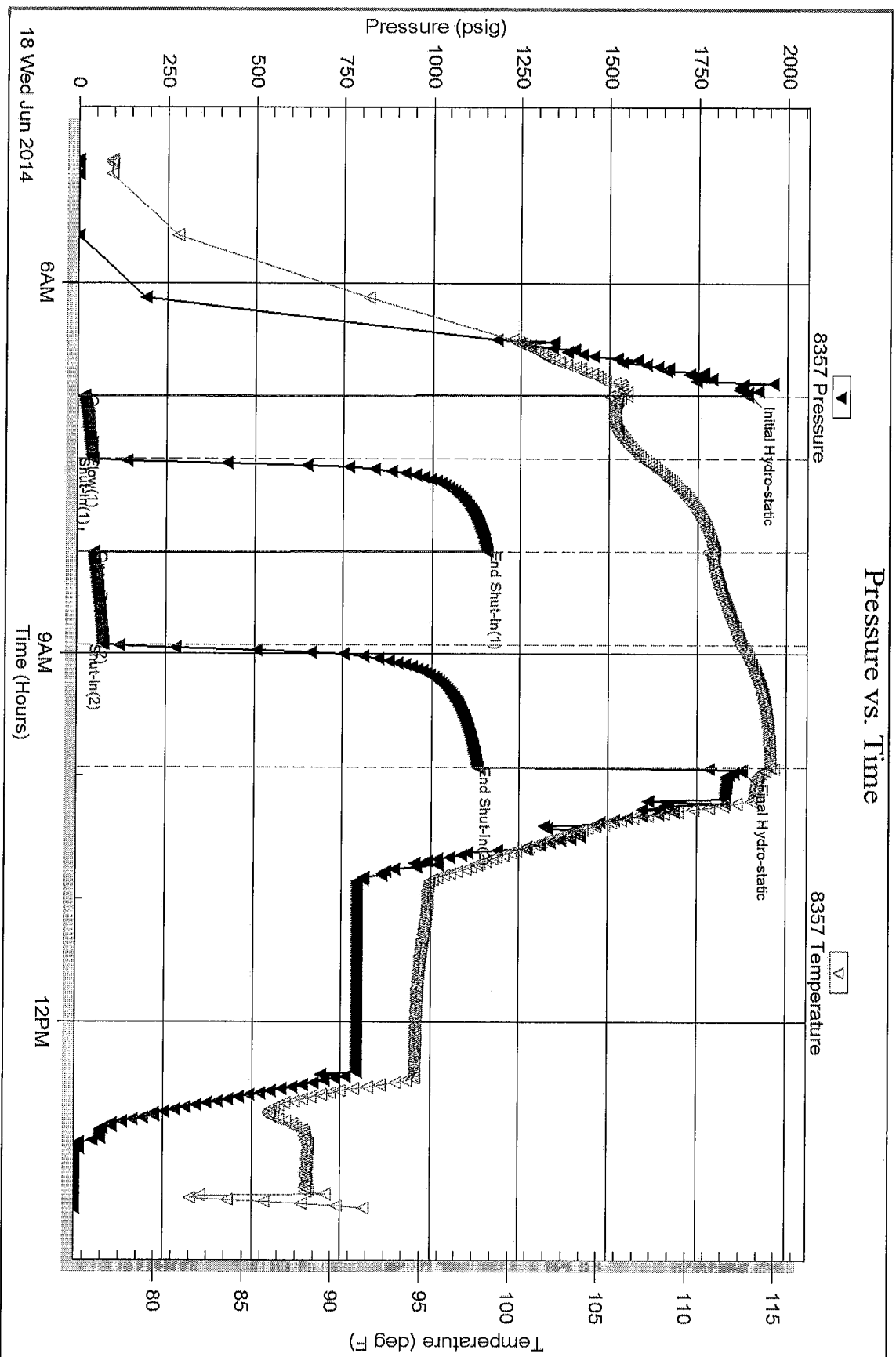
Serial #: 8357

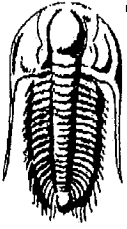
Inside

Largo Oil & Gas Co.

Corline #5-33

DST Test Number: 5





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Co.

S33-14s-32w Logan, KS

301 S. Market St.
Wichita, KS 67202

Corinne #5-33

Job Ticket: 57341

DST#: 6

ATTN: Mac Armstrong

Test Start: 2014.06.18 @ 20:37:00

GENERAL INFORMATION:

Formation: **Lansing " L "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:13:15

Time Test Ended: 03:03:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Samuel Esparza

Unit No: 71

Interval: **3988.00 ft (KB) To 4020.00 ft (KB) (TVD)**

Reference Elevations: 2729.00 ft (KB)

Total Depth: 4020.00 ft (KB) (TVD)

2724.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8845 Outside

Press@RunDepth: 36.99 psig @ 3989.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.06.18

End Date:

2014.06.19

Last Calib.: 2014.06.19

Start Time: 20:37:05

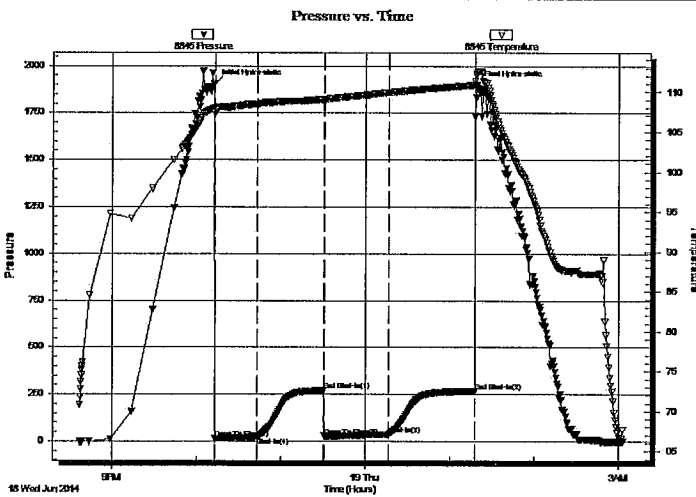
End Time:

03:03:29

Time On Btm: 2014.06.18 @ 22:13:00

Time Off Btm: 2014.06.19 @ 01:19:00

TEST COMMENT: IF: 1 1/2" Blow.
IS: No Return.
FF: 2 1/2" Blow.
FSI: No Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1906.92	108.04	Initial Hydro-static
1	13.05	107.15	Open To Flow (1)
30	22.62	108.50	Shut-In(1)
77	269.43	109.07	End Shut-In(1)
78	27.99	109.03	Open To Flow (2)
124	36.99	109.93	Shut-In(2)
185	266.32	110.88	End Shut-In(2)
186	1898.46	112.26	Final Hydro-static

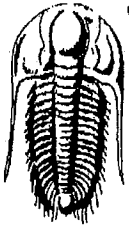
Recovery

Length (ft)	Description	Volume (bbl)
60.00	GMCO 10g 30m 60o	0.30
0.00	60' GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Co.

S33-14s-32w Logan, KS

301 S. Market St.
Wichita, KS 67202

Corinne #5-33

Job Ticket: 57341

DST#: 6

ATTN: Mac Armstrong

Test Start: 2014.06.18 @ 20:37:00

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: 7.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
60.00	GMCO 10g 30m 60o	0.295
0.00	60' GIP	0.000

Total Length: 60.00 ft Total Volume: 0.295 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

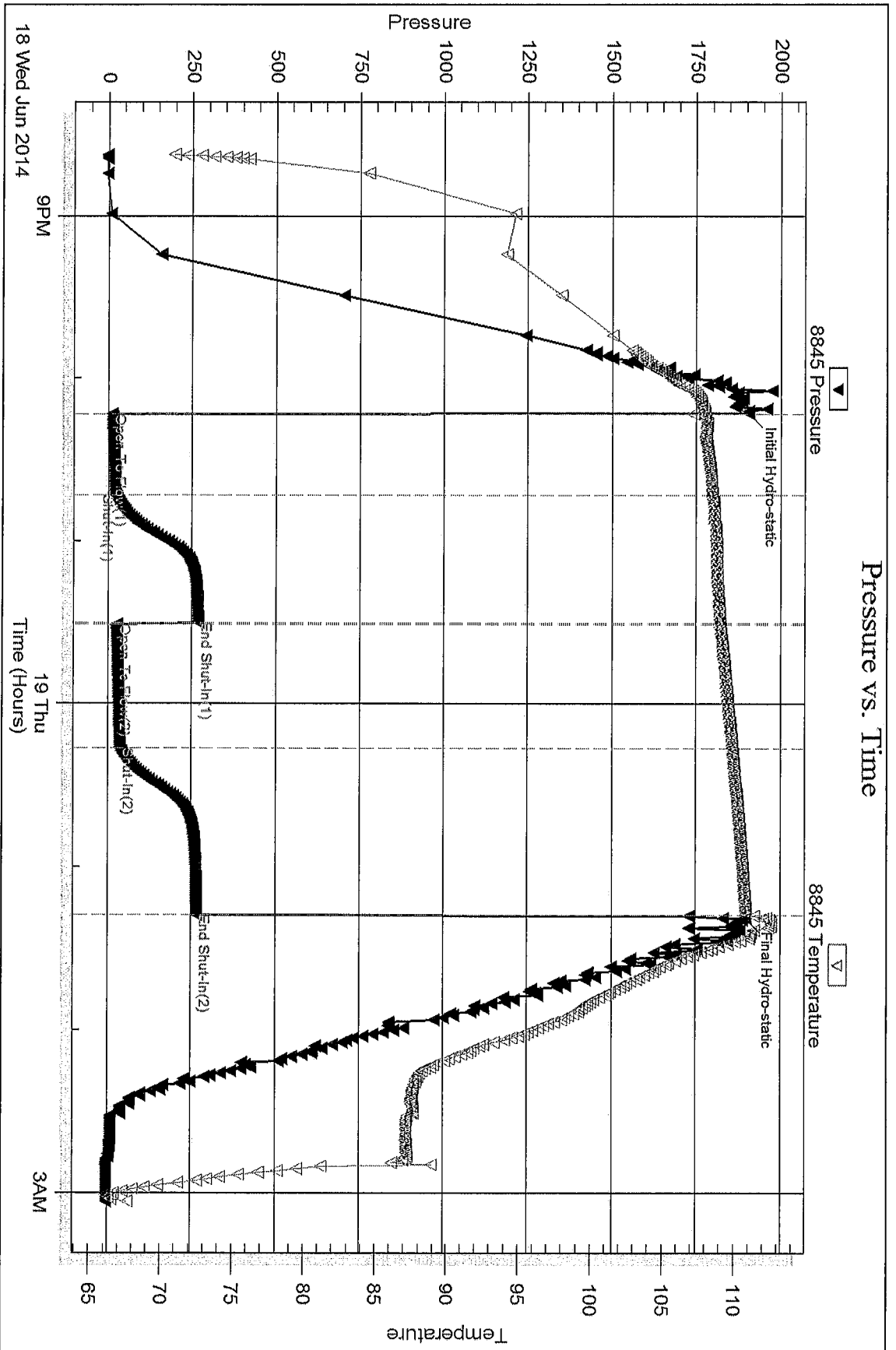
Recovery Comments:

Serial #: 8845

Outside Lario Oil & Gas Co.

Corrine #5-33

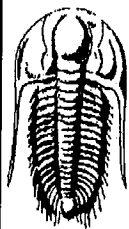
DST Test Number: 6



Trilobe Testing, Inc

Ref. No: 57341

Printed: 2014.06.20 @ 09:23:37



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Co.

S33-14s-32w Logan, KS

301 S. Market St.
Wichita, KS 67202

Corinne #5-33

Job Ticket: 57342

DST#: 7

ATTN: Mac Armstrong

Test Start: 2014.06.19 @ 13:30:00

GENERAL INFORMATION:

Formation: **Pleasanton- Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:32:45

Time Test Ended: 20:20:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Samuel Esparza

Unit No: 71

Interval: **4040.00 ft (KB) To 4096.00 ft (KB) (TVD)**

Reference Elevations: 2729.00 ft (KB)

Total Depth: 4096.00 ft (KB) (TVD)

2724.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8845

Inside

Press@RunDepth: 58.58 psig @ 4041.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.06.19

End Date: 2014.06.19

Last Calib.: 2014.06.19

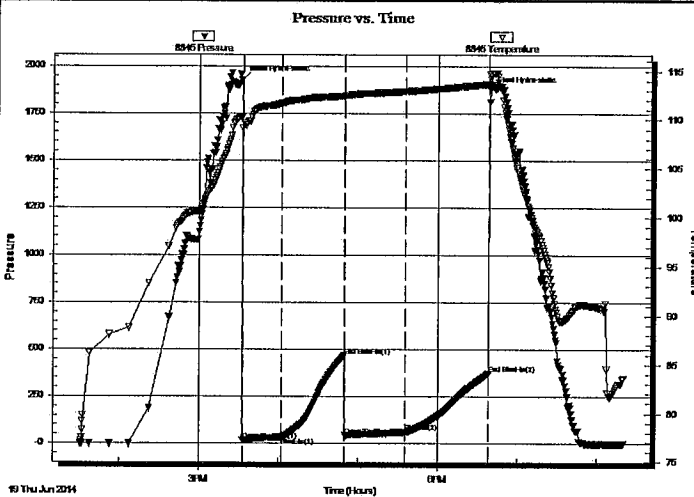
Start Time: 13:30:05

End Time: 20:19:59

Time On Btm: 2014.06.19 @ 15:32:30

Time Off Btm: 2014.06.19 @ 18:39:45

TEST COMMENT: IF: Weak Surface Blow.
IS: No Return.
FF: 1/2" Blow Died back to a Weak Surface Blow.
FSI: No Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1928.94	110.23	Initial Hydro-static
1	13.37	109.16	Open To Flow (1)
30	32.57	111.66	Shut-In(1)
77	466.34	112.42	End Shut-In(1)
78	42.81	112.45	Open To Flow (2)
124	58.58	112.89	Shut-In(2)
187	372.64	113.66	End Shut-In(2)
188	1872.32	114.21	Final Hydro-static

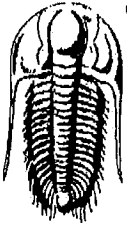
Recovery

Length (ft)	Description	Volume (bbl)
90.00	OCM 40o 60m	0.44

* 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.

S33-14s-32w Logan, KS

301 S. Market St.
Wichita, KS 67202

Corinne #5-33

Job Ticket: 57342

DST#: 7

ATTN: Mac Armstrong

Test Start: 2014.06.19 @ 13:30:00

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:	ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	OCM 40o 60m	0.443

Total Length: 90.00 ft Total Volume: 0.443 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

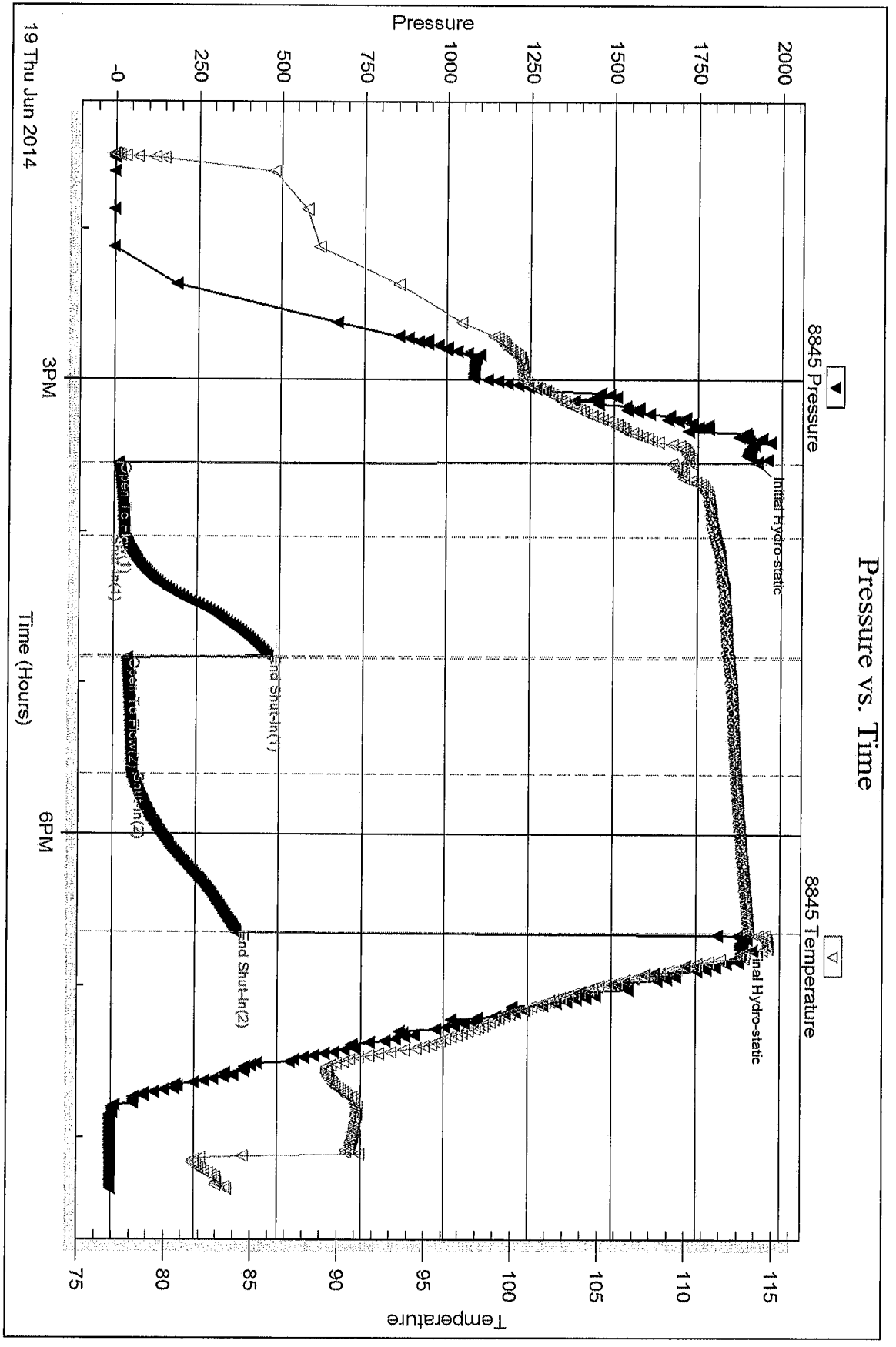
Serial #: 8845

Inside

Lario Oil & Gas Co.

Corrime #5-33

DST Test Number: 7



Trilobite Testing, Inc

Ref. No: 57342

Printed: 2014.06.20 @ 09:17:18

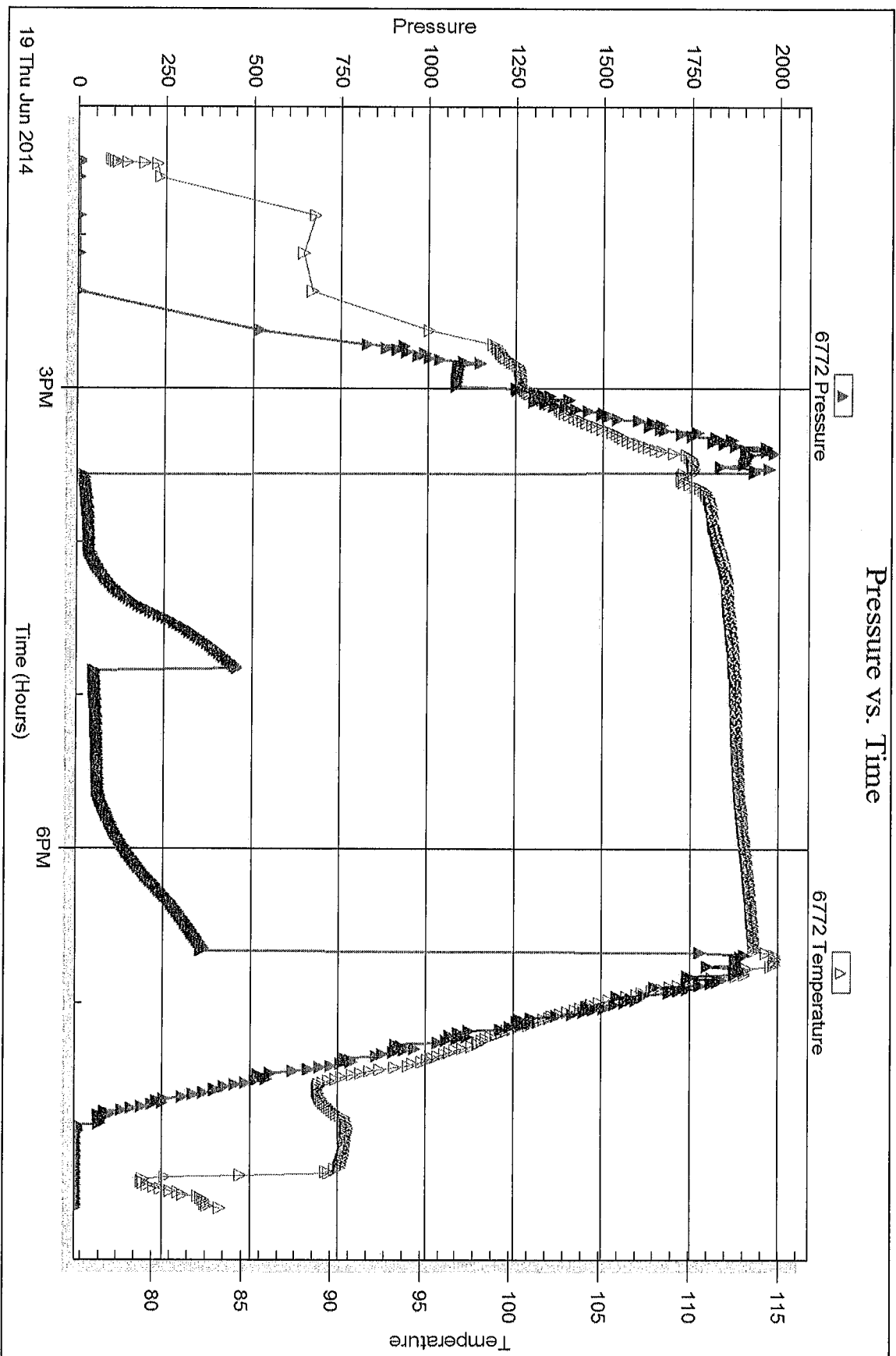
Serial #: 6772

Outside

Lario Oil & Gas Co.

Confine #5-33

DST Test Number: 7



Triobite Testing, Inc

Ref. No: 57342

Printed: 2014.06.20 @ 09:17:18

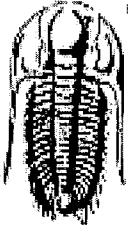
Jay G Schweikert

From: curtis keil <cdklario@pld.com>
Sent: Friday, June 20, 2014 10:22 AM
To: Jay G Schweikert
Cc: Larry Karlin
Subject: Pumping Units

Jay

We have a 114-143-54 pumping Unit at Farley machine that is about ready to go out I have contacted Reinert Oilfield services to haul it to our yard next week. I have purchased 2 more 114 pumping Units from Harrelson Equipment for 22,000 with 28' wide bases to be ready 2nd or 3rd week in July. If you have any questions please call me.

Curtis Keil
Lario Oil & Gas Co. WKD
Cell 620-805-1302
Office 620-277-2149
Fax 620-277-2787



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas Co.

S33-14s-32w Logan, KS

301 S. Market St.
Wichita, KS 67202

Corinne #5-33

Job Ticket: 57343

DST#: 8

ATTN: Mac Armstrong

Test Start: 2014.06.20 @ 05:58:00

GENERAL INFORMATION:

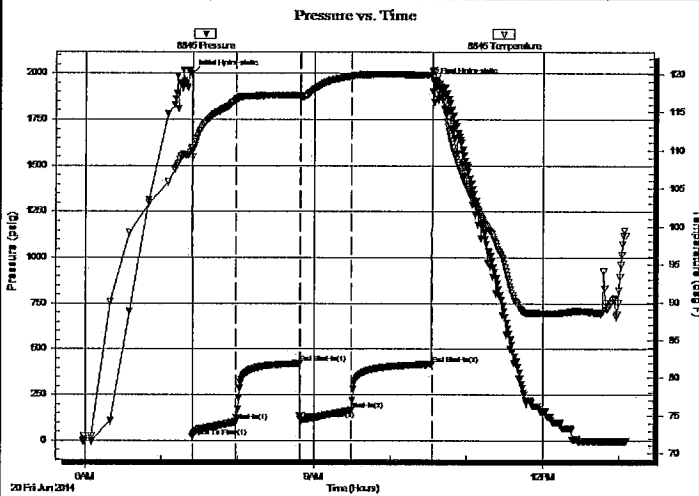
Formation: **Marmaton " C "**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 07:24:30
 Time Test Ended: 13:05:45
 Interval: **4120.00 ft (KB) To 4152.00 ft (KB) (TVD)**
 Total Depth: 4152.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Samuel Esparza
 Unit No: 71
 Reference Elevations: 2729.00 ft (KB)
 2724.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8845

Outside

Press@RunDepth: 164.99 psig @ 4121.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.06.20 End Date: 2014.06.20 Last Callb.: 2014.06.20
 Start Time: 05:58:05 End Time: 13:05:44 Time On Btm: 2014.06.20 @ 07:24:15
 Time Off Btm: 2014.06.20 @ 10:33:15

TEST COMMENT: IF: BOB @ 6 1/2 min.
 IS: 5 1/2 " Return.
 FF: BOB @ 2 1/2 min.
 FSI: BOB Return @ 40 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1995.83	110.35	Initial Hydro-static
1	21.45	109.11	Open To Flow (1)
35	101.84	116.58	Shut-In(1)
85	421.79	117.23	End Shut-In(1)
85	114.74	117.15	Open To Flow (2)
125	164.99	119.73	Shut-In(2)
189	416.85	119.84	End Shut-In(2)
189	1954.39	120.41	Final Hydro-static

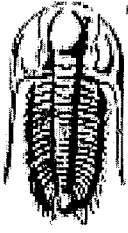
Recovery

Length (ft)	Description	Volume (bbl)
120.00	GOCM 25g 30o 45m	0.59
270.00	GO 35g 65o	3.76
0.00	1680' 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.

S33-14s-32w Logan, KS

301 S. Market St.
Wichita, KS 67202

Corinne #5-33

Job Ticket: 57343

DST#: 8

ATTN: Mac Armstrong

Test Start: 2014.06.20 @ 05:58:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	31 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	GOCM 25g 30o 45m	0.590
270.00	GO 35g 65o	3.760
0.00	1680' GIP	0.000

Total Length: 390.00 ft Total Volume: 4.350 bbl

Num Fluid Samples: 0

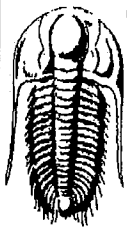
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity: 34 @ 90 degrees= 31 deg API



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Co.

S33-14s-32w Logan, KS

301 S. Market St.
Wichita, KS 67202

Corinne #5-33

Job Ticket: 57344

DST#: 9

ATTN: Mac Armstrong

Test Start: 2014.06.21 @ 07:16:00

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: 7.60 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud (Oil Spots) 100 m	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

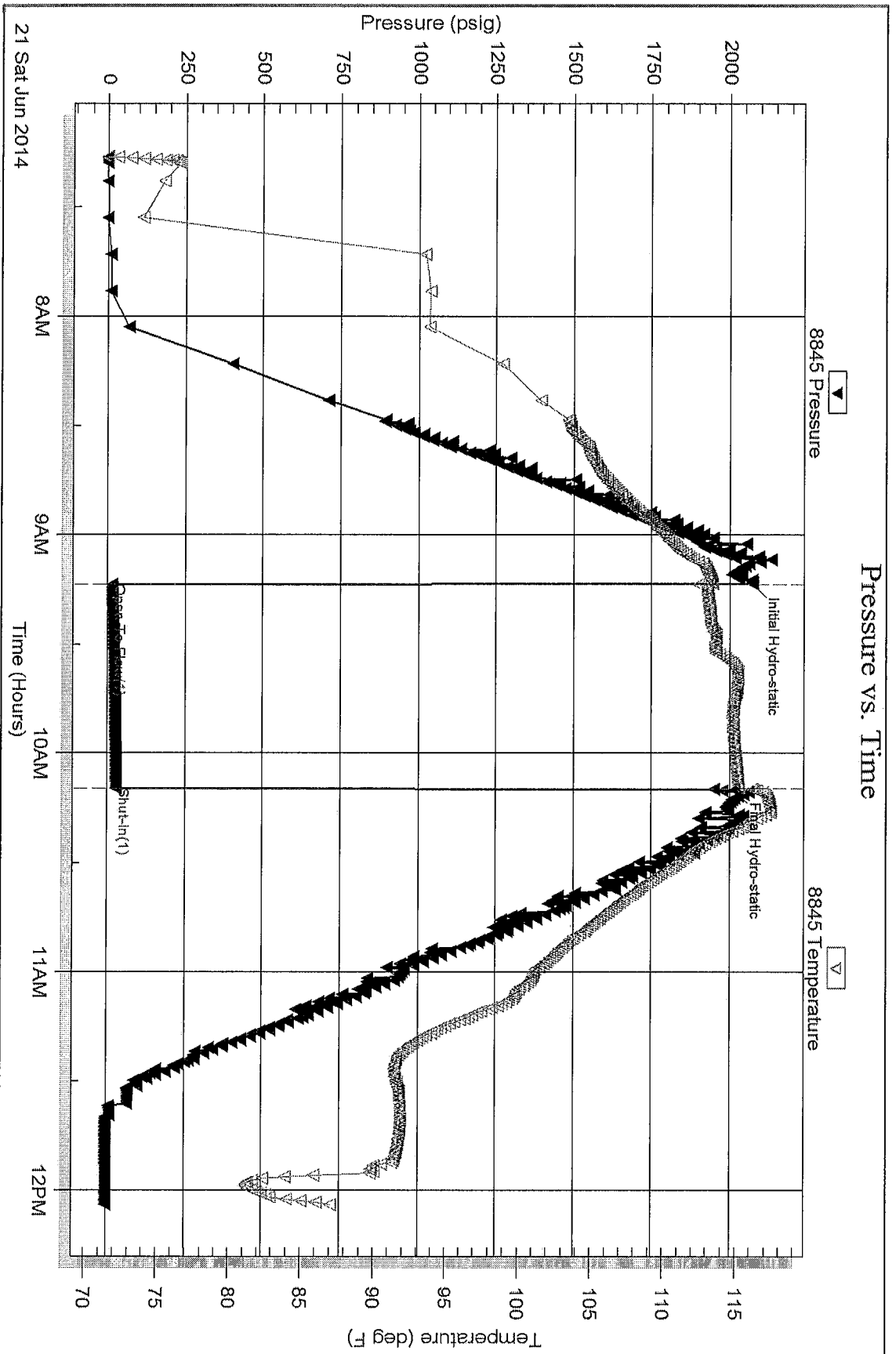
Serial #: 8845

Inside

Lario Oil & Gas Co.

Corline #5-33

DST Test Number: 9

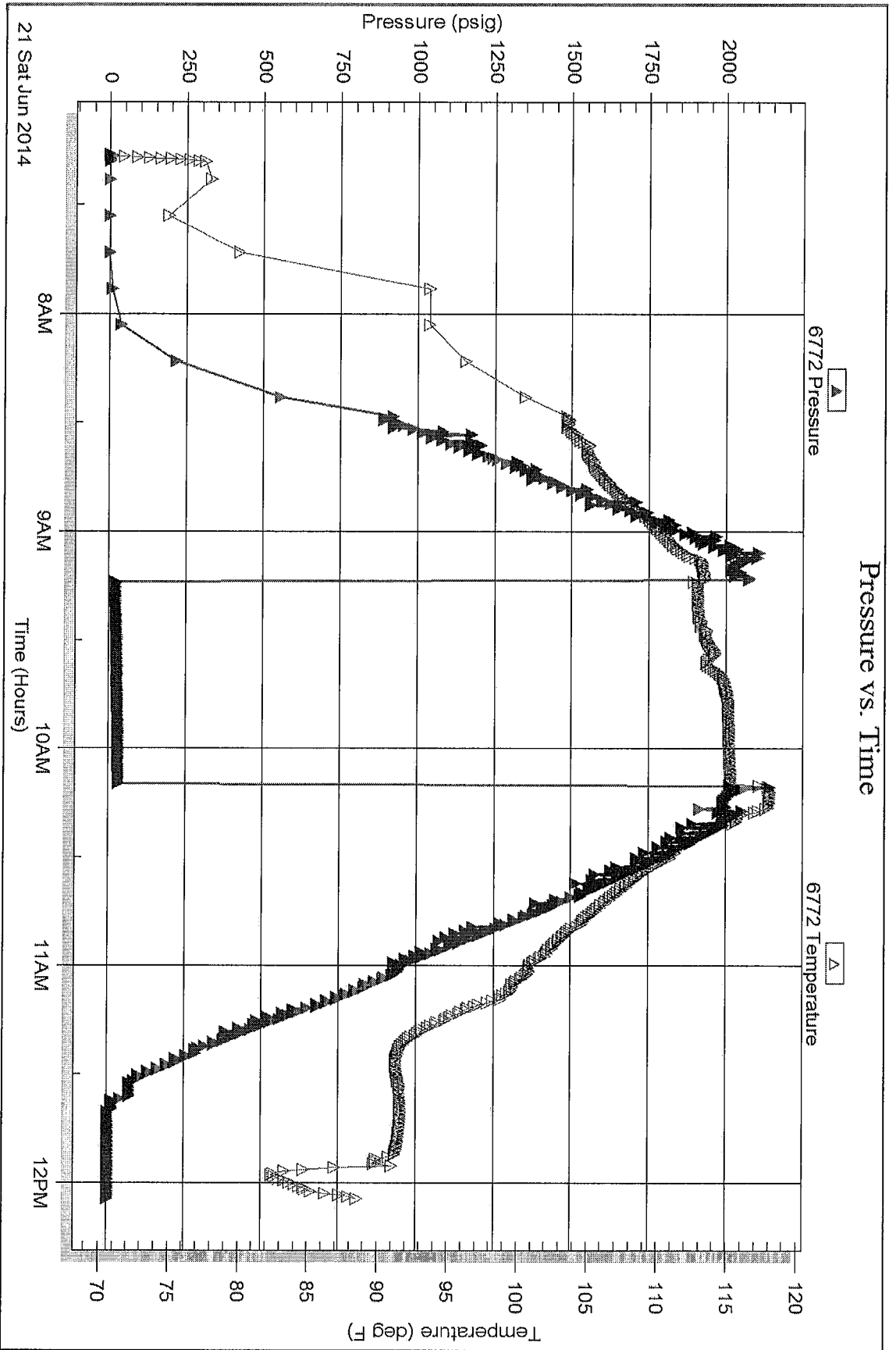


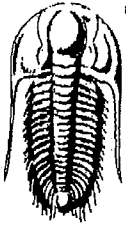
Serial #: 6772

Outside Lario Oil & Gas Co.

Corline #5-33

DST Test Number: 9





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas Co.

S33-14s-32w Logan, KS

301 S. Market St.
Wichita, KS 67202

Corinne #5-33

Job Ticket: 57345

DST#: 10

ATTN: Mac Armstrong

Test Start: 2014.06.21 @ 20:10:00

GENERAL INFORMATION:

Formation: **Basal Penn**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:40:45

Time Test Ended: 02:54:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Samuel Esparza

Unit No: 71

Interval: **4302.00 ft (KB) To 4346.00 ft (KB) (TVD)**

Total Depth: 4346.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2729.00 ft (KB)

2724.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8845 Inside

Press@RunDepth: 68.33 psig @ 4303.00 ft (KB)

Start Date: 2014.06.21

End Date: 2014.06.22

Capacity: 8000.00 psig

Last Calib.: 2014.06.22

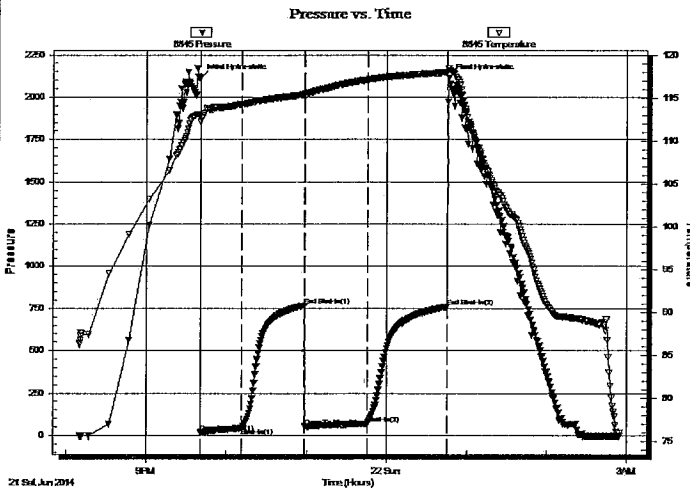
Start Time: 20:10:05

End Time: 02:54:44

Time On Btm: 2014.06.21 @ 21:40:30

Time Off Btm: 2014.06.22 @ 00:46:30

TEST COMMENT: IF: 2" Blow.
IS: No Return.
FF: 4" Blow.
FSI: No Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2114.35	113.01	Initial Hydro-static
1	16.69	112.22	Open To Flow (1)
32	44.11	114.30	Shut-In(1)
78	766.68	115.40	End Shut-In(1)
79	51.55	115.51	Open To Flow (2)
125	68.33	117.14	Shut-In(2)
185	759.38	118.01	End Shut-In(2)
186	2112.12	118.46	Final Hydro-static

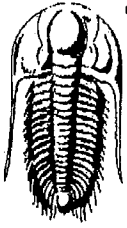
Recovery

Length (ft)	Description	Volume (bbl)
135.00	OCM 40o 60m	0.77

* 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.

S33-14s-32w Logan, KS

301 S. Market St.
Wichita, KS 67202

Corinne #5-33

Job Ticket: 57345

DST#: 10

ATTN: Mac Armstrong

Test Start: 2014.06.21 @ 20:10:00

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:

bbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
135.00	OCM 40o 60m	0.773

Total Length: 135.00 ft Total Volume: 0.773 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8845

Inside

Lario Oil & Gas Co.

Corline #5-33

DST Test Number: 10

