

Confidentiality Requested:

☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1155688

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: _____

Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West County: _____

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Zellner 1-33
Doc ID	1155688

All Electric Logs Run

MAI/MFE
MDN/MPD
MSS
MML

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Zellner 1-33
Doc ID	1155688

Tops

Name	Top	Datum
Heebner	4017	-807
Lansing	4063	-853
Stark Shale	4350	-1140
Hushpuckney	4397	-1187
Base KC	4476	-1266
Marmaton	451	-1301
Pawnee	4602	-1392
Ft. Scott	4626	-1416
Johnson	4731	-1521
Morrow	4813	-1603
Basal Penn	4904	-1694
Mississippian	4908	-1698

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

October 15, 2013

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

Re: ACO1
API 15-203-20228-00-00
Zellner 1-33
NE/4 Sec.33-17S-35W
Wichita County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Jay Schweikert



PO Box 93999
Southlake, TX 76092

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

INVOICE

Invoice Number: 138035
Invoice Date: Aug 16, 2013
Page: 1

Bill To:

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

Now Includes:



Customer ID	Field Ticket #	Payment Terms	
Lario	61284	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Aug 16, 2013	9/15/13

Quantity	Item	Description	Unit Price	Amount
		<u>Zellner #1-33</u>		
215.00	CEMENT MATERIALS	Class A Common	17.90	3,848.50
7.00	CEMENT MATERIALS	Chloride	64.00	448.00
225.00	CEMENT SERVICE	Cubic Feet	2.28	513.00
520.00	CEMENT SERVICE	Ton Mileage	2.60	1,352.00
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	Manifold Rental	275.00	275.00
50.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	220.00
1.00	CEMENT SUPERVISOR	LaRene Wentz		
1.00	EQUIPMENT OPERATOR	Paul Beaver		
1.00	OPERATOR ASSISTANT	Kevin Ryan		

surf. cont
XC
JS

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

\$ 2,566.12

ONLY IF PAID ON OR BEFORE
Sep 10, 2013

Subtotal	8,553.75
Sales Tax	350.16
Total Invoice Amount	8,903.91
Payment/Credit Applied	
TOTAL	8,903.91

ALLIED OIL & GAS SERVICES, LLC 061284

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: Oakley, KS

DATE <u>8/16/13</u>	SEC <u>33</u>	TWP <u>17</u>	RANGE <u>35</u>	CALLED OUT	ON LOCATION <u>8:30</u>	JOB START <u>10:00pm</u>	JOB FINISH <u>10:30pm</u>
LEASE <u>Zellner</u>	WELL # <u>1-33</u>	LOCATION <u>Scott City 15.25 3 1/2 W</u>			COUNTY <u>Wichita</u>	STATE <u>KS</u>	
OLD OR <u>(NEW)</u> (Circle one)			w info				

CONTRACTOR Murfin 22
TYPE OF JOB Surface
HOLE SIZE 12 1/4 T.D. 353
CASING SIZE 8 5/8 DEPTH 353.11
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG. 15 ft
PERFS.
DISPLACEMENT 21.63

OWNER Same
CEMENT
AMOUNT ORDERED 215 sks Com 3% CC

EQUIPMENT
PUMP TRUCK CEMENTER Paul Beaver / LaBene watz
423/281 HELPER Paul Beaver
BULK TRUCK
396/306 DRIVER Kevin Ryan
BULK TRUCK
DRIVER

COMMON	<u>215 sks</u>	@ <u>17.90</u>	<u>3848.50</u>
POZMIX		@	
GEL		@	
CHLORIDE	<u>7 sks</u>	@ <u>64.00</u>	<u>448.00</u>
ASC		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>225 skt</u>	@ <u>2.28</u>	<u>513.00</u>
MILEAGE	<u>520.00 mi</u>	@ <u>2.60</u>	<u>1352.00</u>
			TOTAL <u>6161.50</u>

REMARKS:
Mix 215 sks cement
Displace with water
Cement did circulate

Thank You

CHARGE TO: Lario Oil + Gas
STREET
CITY STATE ZIP

SERVICE
DEPTH OF JOB
PUMP TRUCK CHARGE 1512.25
EXTRA FOOTAGE @
MILEAGE MTLV 50 @ 7.70 385.00
MANIFOLD @ 275.00
MTLV 50 @ 4.40 220.00
TOTAL 2392.25

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.

PRINTED NAME Kelly Wilson
SIGNATURE Kelly Wilson

PLUG & FLOAT EQUIPMENT
TOTAL
SALES TAX (If Any)
TOTAL CHARGES 8553.75
DISCOUNT 2566.12 IF PAID IN 30 DAYS
5987.62 Net.

BID

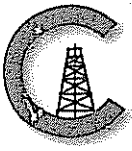
BID SHEET

Date	8/16/13
Service Point:	Oakley
Manager	Terry Helrich
Address	P.O. Box 27
	Oakley, KS 67748
Business Phone	785-672-3452
E-mail	terry.helrich@allied.com
Mobile	785-673-9376



Company	Info Oil & Gas Company	Prepared For:	Jay Schweikert	Well Data			
Address	301 S. Market	Title:	Oper. Eng.	Open Hole	12 3/4	Depth	340
Address	Wichita Kansas, 67202	Business Phone:	316-265-5611			I.D.	12.25
Well Name	Zeller	E-mail:	jhschweikert@infooil.com			Job Excess	100
Lease	W 1-33	Mobile Phone:		Casing Size	8 6/8	Depth	340
Field		Prepared By:	Neal Rupp			O.D.	8.6975
County	Wichita	Title:	Sales & Field Operations Manager			I.D.	7.025
State	Kansas	Business Phone:	316-260-3368			Casing Weight	24
Section	33	E-mail:	nealrupp@alliedinfo.com			Thread	STC
Township	17S	Mobile Phone:	316-250-7057			Grade	J-55
Range	35W	Rlg Contractor					
API Number		Rlg Name					
Proposal Title:	Surface Casing	Rlg Phone					

	Units	UOM	Cost per Unit	Total	Unit Net	Net
CJMN - Casing Pump Charge 0 to 300'	1.00	(for 6 hours)	\$1,512.25	\$ 1,512.25	\$ 1,058.58	\$1,058.58
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
Subtotal				\$ 1,512.25		\$1,058.58
Wooden Plug	1.00	Each	\$67.50	\$ 67.50	\$ 67.50	\$67.50
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
Subtotal				\$ 67.50		\$67.50
CAC - CLASS A COMMON	215.00	per sack	\$17.90	\$ 3,848.50	\$ 12.53	\$2,693.55
CACL - Calcium Chloride	7.00	per sack	\$64.00	\$ 448.00	\$ 44.80	\$313.60
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
Subtotal				\$ 4,296.50		\$3,007.55
HOLG - Products handling service charge	225.00	per cu. Ft.	\$2.28	\$ 513.00	\$ 1.60	\$359.10
DRYG - Drayage for products	520.00	ton mile	\$2.60	\$ 1,352.00	\$ 1.82	\$946.40
MILV - Light Vehicle Mileage	50.00	per mile	\$4.40	\$ 220.00	\$ 3.08	\$154.00
MIHV - Heavy Vehicle Mileage	50.00	per mile	\$7.70	\$ 385.00	\$ 5.39	\$269.50
Subtotal				\$ 2,470.00		\$1,729.00
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
Subtotal				\$ -		\$0.00
Totals:				\$ 8,346.25		\$5,867.63
DISCOUNT: Operations			30.0%	(453.68)		
DISCOUNT: Equipment Sales			0.0%	0.00		
DISCOUNT: Products			30.0%	(1,288.95)		
DISCOUNT: Transport			30.0%	(741.00)		
DISCOUNT: OTHER			30.0%	0.00		
			Total	(2,483.63)		



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 # 262693

Invoice Date: 09/27/2013 Terms: 10/10/30,n/30

Page 1

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

ZELLNER 1-33

44398

33-17S-35W

09-26-2013

KS

Completion AFE 13-197

9-30-13 LK

Part Number	Description	Qty	Unit Price	Total
1104S	CLASS "A" CEMENT (SALE)	50.00	18.5500	927.50

Sublet Performed	Description	Total
9996-130	CEMENT MATERIAL DISCOUNT	-92.75
9995-130	CEMENT EQUIPMENT DISCOUNT	-262.50

Description	Hours	Unit Price	Total
463 SQUEEZE PUMP (KICK OFF PLUG PUMP)	1.00	1785.00	1785.00
463 EQUIPMENT MILEAGE (ONE WAY)	40.00	5.25	210.00
466 MIN. BULK DELIVERY	1.00	430.00	430.00
466 SQUEEZE MANIFOLD	1.00	200.00	200.00

Amount Due 3628.09 if paid after 10/27/2013

Parts:	927.50	Freight:	.00	Tax:	68.03	AR	3265.28
Labor:	.00	Misc:	.00	Total:	3265.28		
Sublt:	-355.25	Supplies:	.00	Change:	.00		

Signed _____

Date _____

BARTLESVILLE, OK
918/338-0808

EL DORADO, KS
316/322-7022

EUREKA, KS
620/583-7664

PONCA CITY, OK
580/762-2303

OAKLEY, KS
785/672-8822

OTTAWA, KS
785/242-4044

THAYER, KS
620/839-5269

GILLETTE, WY
307/686-4914

CUSHING, OK
918/225-2650



CONSOLIDATED
Oil Well Services, LLC

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

262693

TICKET NUMBER 44398
LOCATION OAKLEY, KS
FOREMAN Jerry Y + Ruzzo

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-26-13	4793	Zellner 1-33	33	17S	35W	Wichita
CUSTOMER			TRUCK #			
MAILING ADDRESS			DRIVER			
CITY			STATE			
ZIP CODE			COUNTY			

JOB TYPE squeeze HOLE SIZE 5 1/2 HOLE DEPTH 2318 CASING SIZE & WEIGHT 5 1/2
CASING DEPTH 2318 DRILL PIPE 2 3/8 TUBING 2 3/8 OTHER 2 3/8
SLURRY WEIGHT 1.18 SLURRY VOL 15.2 WATER gal/sk 5.2 CEMENT LEFT In CASING Pack 4400-4404
DISPLACEMENT 16.6-2.8 DISPLACEMENT PSI 4282 MIX PSI 4282 RATE Pack 4282

REMARKS: Safety meeting on Plains Well Service, Rig up and press B-side to 500' w/ 40 BBL, load tub with 11 BBL Tapering rate 2 1/2 BBL/min @ 800' mix 50 sks Class 'A' cement, wash pump and lines, displace 103 1/4 BBL squeeze @ 2000'. Reverse tubs clean with 25 BBL. Pull 3 JTS express squeeze to 2000' and shut in for 30 min.

Thanks Jerry & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401B	1	PUMP CHARGE	1785.00	1785.00
5406	40	MILEAGE	5.25	210.00
5407	2.4 Ton	Ten Mileage Delivery (min)	125	430.00
11045	50 sks	Class 'A' cement	18.55	927.50
5613	1	Squeeze manifold	200.00	200.00
		Subtotal		3552.50
		Less 10.00		355.25
		Subtotal		3197.25
		8.15%		
		SALES TAX		68.03
		ESTIMATED TOTAL		3265.28

13737

AUTHORIZATION John Majors TITLE ASS Foreman DATE 9/26/13

knowledge 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



PO Box 93999
Southlake, TX 76092

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

INVOICE

Invoice Number: 138285
Invoice Date: Aug 29, 2013
Page: 1

Bill To:

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

Now Includes:



Customer ID	Field Ticket #	Payment Terms	
Lario	61256	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Aug 29, 2013	9/28/13

Quantity	Item	Description	Unit Price	Amount
		<u>Zellner #1-35</u>		
395.00	CEMENT MATERIALS	AMD	25.90	10,230.50
140.00	CEMENT MATERIALS	ASC	20.90	2,926.00
700.00	CEMENT MATERIALS	Gilsonite	0.98	686.00
99.00	CEMENT MATERIALS	Flo Seal	2.97	294.03
40.00	CEMENT MATERIALS	FL-160	16.20	648.00
20.00	CEMENT MATERIALS	Defoamer	9.80	196.00
12.00	CEMENT MATERIALS	WFR-2	58.70	704.40
633.99	CEMENT SERVICE	Cubic Feet	2.48	1,572.30
1,413.20	CEMENT SERVICE	Ton Mileage	2.60	3,674.32
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
50.00	CEMENT SERVICE	Pump Truck Mileage	7.70	385.00
1.00	CEMENT SERVICE	Manifold Head Rental	275.00	275.00
50.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	220.00
1.00	EQUIPMENT SALES	5-1/2 D V Tool	5,335.26	5,335.26
1.00	EQUIPMENT SALES	5-1/2 AFU Float Shoe	408.33	408.33
1.00	EQUIPMENT SALES	5-1/2 Latch Down Assembly	324.09	324.09
1.00	EQUIPMENT SALES	5-1/2 Basket	394.29	394.29
9.00	EQUIPMENT SALES	5-1/2 Centralizer	57.33	515.97
1.00	CEMENT SUPERVISOR	Alan Ryan		

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

\$ 9,444.24

ONLY IF PAID ON OR BEFORE
Sep 23, 2013

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



PO Box 93999
Southlake, TX 76092

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

INVOICE

Invoice Number: 138285
Invoice Date: Aug 29, 2013
Page: 2

Bill To:

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

Now Includes:



Customer ID	Field Ticket #	Payment Terms	
Lario	61256	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Aug 29, 2013	9/28/13

Quantity	Item	Description	Unit Price	Amount
1.00	EQUIPMENT OPERATOR	Wayne McGhghy		
1.00	EQUIPMENT OPERATOR	Mike Scothorn		
1.00	OPERATOR ASSISTANT	David Scariano		
SEP 10 2013				

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

\$ 9,444.24

ONLY IF PAID ON OR BEFORE
Sep 23, 2013

Subtotal	33,961.49
Sales Tax	1,847.02
Total Invoice Amount	35,808.51
Payment/Credit Applied	
TOTAL	35,808.51

ALLIED OIL & GAS SERVICES, LLC 061256

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:

DATE <u>8/29/12</u>	SEC <u>33</u>	TWP <u>17</u>	RANGE <u>35</u>	CALLED OUT	ON LOCATION <u>TOP</u>	JOB START <u>10:00am</u>	JOB FINISH <u>11:00am</u>
LEASE <u>Zeller</u>	WELL # <u>1-35</u>	LOCATION <u>Mohc 5 1/2 W 3 1/2 N W 100</u>			COUNTY <u>Cochise</u>	STATE <u>KS</u>	
OLD OR (NEW) (Circle one)							

CONTRACTOR <u>Mr. Fin</u>	OWNER <u>Sum</u>
TYPE OF JOB <u>Prod. 2 Stage</u>	CEMENT
HOLE SIZE <u>7 1/2</u>	T.D. <u>5300'</u>
CASING SIZE <u>5 1/2</u>	DEPTH <u>4800</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL <u>B12</u>	DEPTH <u>2452.516</u>
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT <u>42.27</u>
CEMENT LEFT IN CSG. <u>42.27</u>	
PERFS.	
DISPLACEMENT <u>Bottom 54 H2O 63 Mud Top 60 H2O</u>	
EQUIPMENT <u>H2O</u>	
PUMP TRUCK CEMENTER <u>Alan Ryan</u>	
# <u>722/398</u> HELPER <u>Went - Mike Scallan</u>	
BULK TRUCK <u>Moody</u>	
# <u>600</u> DRIVER <u>David Scarian</u>	
BULK TRUCK	
# <u>386</u> DRIVER <u>Alex Orhome (TWS)</u>	
HANDLING <u>633.99 CF</u>	
MILEAGE <u>70 mile 22.264</u>	
TOTAL <u>20931.52</u>	

REMARKS:

Run Cement, max ASC, wash up, replace plug in 50' H2O - 63' H2O Rig and 1800' H2O LIFT
and plug @ 1200' H2O. Tool @ 600' SET AND 3M -
max 1300' H2O 1530' H2O max 3500' AMO
5th. Wash up, replace plug in 60' H2O and
600' SET LIFT, Load plug @ 2200' SET, TOLL
Closed. Cement. Dick Circulate
Thank You
Hoy, Wynn, Mike, Alex, Dave

SERVICE

DEPTH OF JOB	<u>4800'</u>
PUMP TRUCK CHARGE	<u>2265.25</u>
EXTRA FOOTAGE	@ <u>7.00</u>
MILEAGE <u>50 mile</u>	@ <u>7.00</u>
MANIFOLD <u>Hard</u>	@ <u>275.00</u>
WATERCHUCK <u>50 mile</u>	@ <u>4.40</u>
Top Stage <u>2406.25</u>	@ <u>2406.25</u>
TOTAL	<u>6752.00</u>

CHARGE TO: Lario 0.1 - Crea

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

Autoool	@ <u>5335.26</u>	<u>5335.26</u>
Float shoe APH.	@ <u>408.00</u>	<u>408.00</u>
Catch Basin Assembly	@ <u>224.00</u>	<u>224.00</u>
Bucket	@ <u>394.00</u>	<u>394.00</u>
Control Valve	@ <u>50.00</u>	<u>515.00</u>
TOTAL		<u>6977.26</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.

SALES TAX (If Any) _____

TOTAL CHARGES 33,961.49

DISCOUNT 9,444.24 IF PAID IN 30 DAYS

PRINTED NAME Tim Gillesly

SIGNATURE Tim Gillesly

Bid 24,517.24 Net.

Ticket 61256

BID SHEET

Date	6/27/13
Service Point	Oakley
Manager	Terry Heinrich
Address	P.O. Box 27
	Oakley, KS 67748
Business Phone	785-672-3452
E-mail	terry.heinrich@allied.com
Mobile	785-672-9376



Company	Lario Oil & Gas Company	Prepared For:	Jay Schweikert	Well Data			
Address	301 S. Market	Title:	Oper. Engr.	Open Hole	7 7/8	Depth	5250
Address	Wichita, Kansas, 67202	Business Phone:	316-265-5611			I.D.	7.875
Well Name	Zellner	E-mail:	jhschweikert@lariooil.com			Job Excess	25
Lease	# 135	Mobile Phone:		Casing Size	5 1/2	Depth	5100
Field		Prepared By:	Neal Rupp			O.D.	5.5
County	Wichita	Title:	Sales & Field Operations Manag			I.D.	5.012
State	Kansas	Business Phone:	316-260-3369			Casing Weight	14
Section	33	E-mail:	nrupp@lariooil.com			Thread	5TC
Township	17S	Mobile Phone:	316-250-7057			Grade	1.55
Range	35W	Rig Contractor	Unknown				
API Number		Rig Name					
Proposal Title:	Two-Stage Production	Rig Phone					

	Units	UOM	Cost per Unit	Total	Unit Net	Net
CJSO - Casing Pump Charge 400' to 5000'	1.00	(for 6 hours)	\$2,765.75	\$ 2,765.75	\$ 1,797.74	\$1,797.74
	1.00	(for 6 hours)	\$2,406.25	\$ 2,406.25	\$ 1,564.06	\$1,564.06
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
Subtotal				\$ 5,172.00		\$3,361.80
Pushdown - <i>Float shoe</i>	1.00	Each	\$2,998.00	\$ 2,998.00	\$ 2,998.00	\$2,998.00
Lathe Down Plug	1.00	Each	\$398.75	\$ 398.75	\$ 398.75	\$398.75
Stage Collar	1.00	Each	\$4,087.00	\$ 4,087.00	\$ 4,087.00	\$4,087.00
Cement Basket	1.00	Each	\$159.40	\$ 159.40	\$ 159.40	\$159.40
Centralizer	16.00	Each	\$28.40	\$ 454.40	\$ 28.40	\$454.40
	0.00	Each	\$0.00	\$ -	\$ -	\$0.00
Subtotal				\$ 8,097.55		\$8,097.55
ASCA - ALLIED SPECIAL BLEND CMT.-CLASS A	225.00	per sack	\$20.50	\$ 4,702.50	\$ 13.59	\$3,056.63
AMDA - ALLIED MULTI-DENS. CMT.-CLASS A	275.00	per sack	\$25.90	\$ 7,122.50	\$ 16.84	\$4,629.63
FSL - Flo Seal	69.00	per pound	\$2.97	\$ 204.93	\$ 1.93	\$133.20
GILS - Gilsolite	1125.00	per pound	\$0.98	\$ 1,102.50	\$ 0.64	\$716.63
FL-160 - FL-160 Fluid Loss Additive HI-Temp	63.00	per pound	\$18.90	\$ 1,190.70	\$ 12.29	\$773.96
PDEF - Powdered Defoamer	31.00	per pound	\$9.80	\$ 303.80	\$ 6.37	\$197.47
SPFL - Super Flush	12.00	per bbl	\$58.70	\$ 704.40	\$ 38.16	\$457.66
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
Subtotal				\$ 15,331.33		\$9,965.36
HOLG - Products handling service charge	611.15	per cu. ft.	\$2.48	\$ 1,515.65	\$ 1.61	\$985.17
DRYG - Drayage for products	1345.00	ton mile	\$2.60	\$ 3,497.00	\$ 1.69	\$2,273.05
MILV - Light Vehicle Mileage	50.00	per mile	\$4.40	\$ 220.00	\$ 2.86	\$143.00
MHIV - Heavy Vehicle Mileage	50.00	per mile	\$7.70	\$ 385.00	\$ 5.01	\$250.25
Subtotal				\$ 5,617.65		\$3,651.47
CMHD - Cementing Head Rental with Manifold	1.00	per day	\$275.00	\$ 275.00	\$ 178.75	\$178.75
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
Subtotal				\$ 275.00		\$178.75
Totals:				\$ 34,493.53		\$25,254.94
DISCOUNT: Operations			35.0%	(1,810.20)		
DISCOUNT: Equipment Sales			0.0%	0.00		
DISCOUNT: Products			35.0%	(5,365.97)		
DISCOUNT: Transport			35.0%	(1,956.18)		
DISCOUNT: OTHER			35.0%	(96.25)		
			Total	(9,238.59)		



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas Company

301 S Market St.
Wichita KS. 67202

ATTN: Tim Lauer

33-17s-35w Wichita Co. KS

Zellner # 1-33

Job Ticket: 53005

DST#: 1

Test Start: 2013.08.21 @ 20:26:00

GENERAL INFORMATION:

Formation: LKC "B"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:21:55

Time Test Ended: 02:58:09

Test Type: Conventional Bottom Hole (Initial)

Tester: Will MacLean

Unit No: 58

Interval: 4090.00 ft (KB) To 4120.00 ft (KB) (TVD)

Total Depth: 4120.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3210.00 ft (KB)

3198.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 8674

Inside

Press@RunDepth: 28.55 psig @ 4091.00 ft (KB)

Start Date: 2013.08.21

End Date:

2013.08.22

Capacity: 8000.00 psig

Last Calib.: 2013.08.22

Start Time: 20:26:00

End Time:

02:58:09

Time On Btm: 2013.08.21 @ 22:21:40

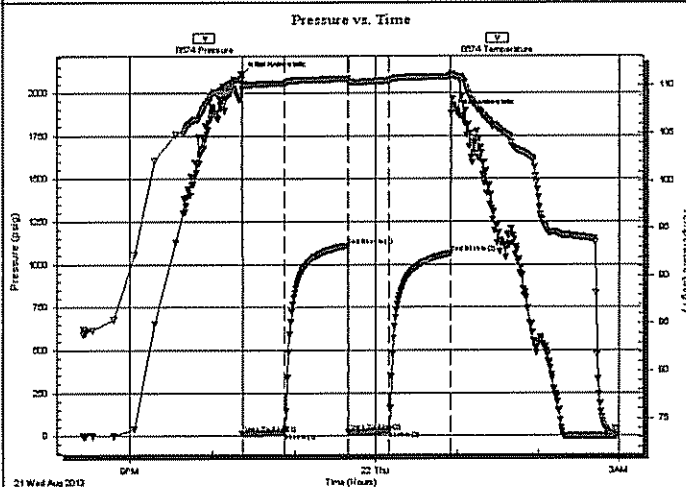
Time Off Btm: 2013.08.22 @ 00:55:39

TEST COMMENT: IF- Weak Surface Blow Died in 5 1/2 min

IS- No Blow

FF- No Blow

FS- No Blow



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2101.19	110.69	Initial Hydro-static
1	11.60	109.66	Open To Flow (1)
32	19.62	110.25	Shut-In(1)
78	1109.16	110.75	End Shut-In(1)
78	21.34	110.27	Open To Flow (2)
108	28.55	110.51	Shut-In(2)
154	1063.74	110.97	End Shut-In(2)
154	1880.50	111.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	WCM 2%w 98%w with Few Oil Spots	0.02

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

33-17s-35w Wichita Co. KS

301 S Market St.
Wichita KS. 67202

Zellner # 1-33

Job Ticket: 53005

DST#: 1

ATTN: Tim Lauer

Test Start: 2013.08.21 @ 20:26:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 62.00 sec/qt

Water Loss: 9.56 in³

Resistivity: ohm.m

Salinity: 4400.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	WCM 2%w 98%m with Few Oil Spots in To	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

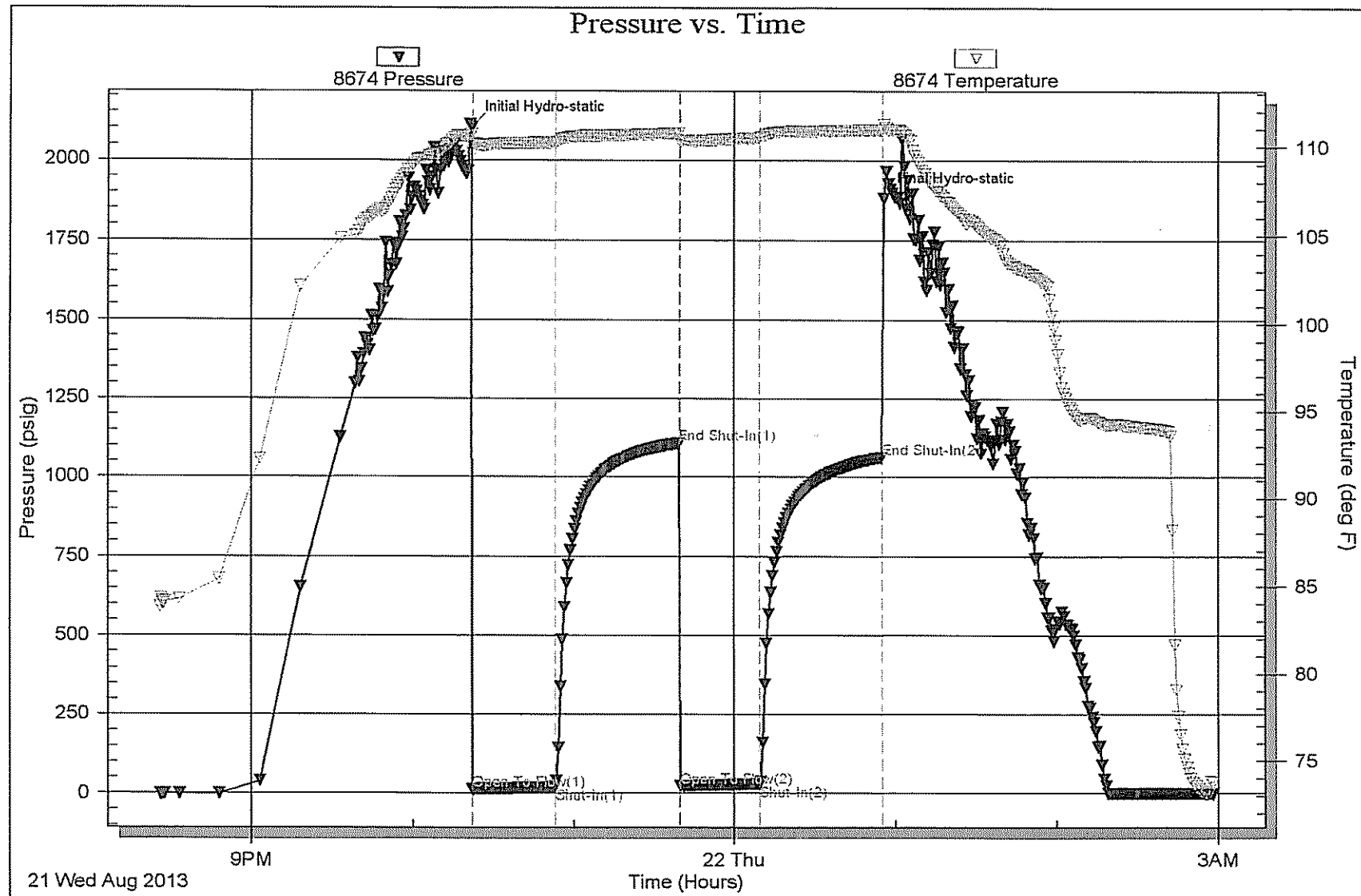
Serial #: 8674

Inside

Lario Oil & Gas Company

Zelliner # 1-33

DST Test Number: 1





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas Company

301 S Market St.
Wichita KS. 67202

ATTN: Tim Lauer

33-17s-35w Wichita Co. KS

Zellner # 1-33

Job Ticket: 53006

DST#: 2

Test Start: 2013.08.22 @ 13:32:00

GENERAL INFORMATION:

Formation: LKC "D"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:39:40

Time Test Ended: 20:07:54

Test Type: Conventional Bottom Hole (Reset)

Tester: Will MacLean

Unit No: 58

Interval: 4140.00 ft (KB) To 4170.00 ft (KB) (TVD)

Total Depth: 4170.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3210.00 ft (KB)

3198.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 8674

Inside

Press@RunDepth: 18.57 psig @ 4141.00 ft (KB)

Start Date: 2013.08.22

End Date:

2013.08.22

Capacity: 8000.00 psig

Last Calib.: 2013.08.22

Start Time: 13:32:00

End Time:

20:07:54

Time On Blm: 2013.08.22 @ 15:39:25

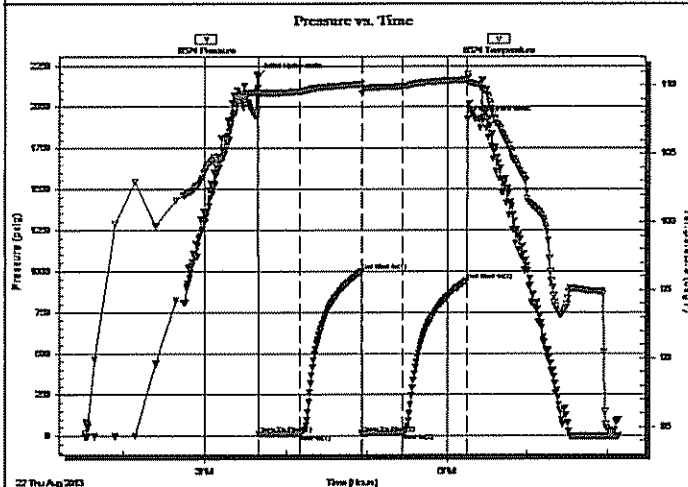
Time Off Blm: 2013.08.22 @ 18:15:24

TEST COMMENT: IF- Weak Surface Blow Died in 7 1/2min (Tim Lauer wants E mailed also thanks)

ISI- No Blow

FF- No Blow

FSI- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2182.32	109.79	Initial Hydro-static
1	11.10	108.26	Open To Flow (1)
31	14.93	109.55	Shut-In(1)
77	996.56	110.07	End Shut-In(1)
77	14.84	109.39	Open To Flow (2)
108	18.57	109.92	Shut-In(2)
156	941.69	110.40	End Shut-In(2)
156	1921.37	110.78	Final Hydro-static

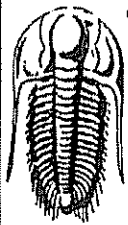
Recovery

Length (ft)	Description	Volume (bbl)
10.00	100% mud	0.05

* Recovery from multiple tests

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

33-17s-35w Wichita Co. KS

301 S Market St.
Wichita KS. 67202

Zellner # 1-33

Job Ticket: 53006

DST#: 2

ATTN: Tim Lauer

Test Start: 2013.08.22 @ 13:32:00

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:

bbl

Water Loss: 10.36 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	100% mud	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:

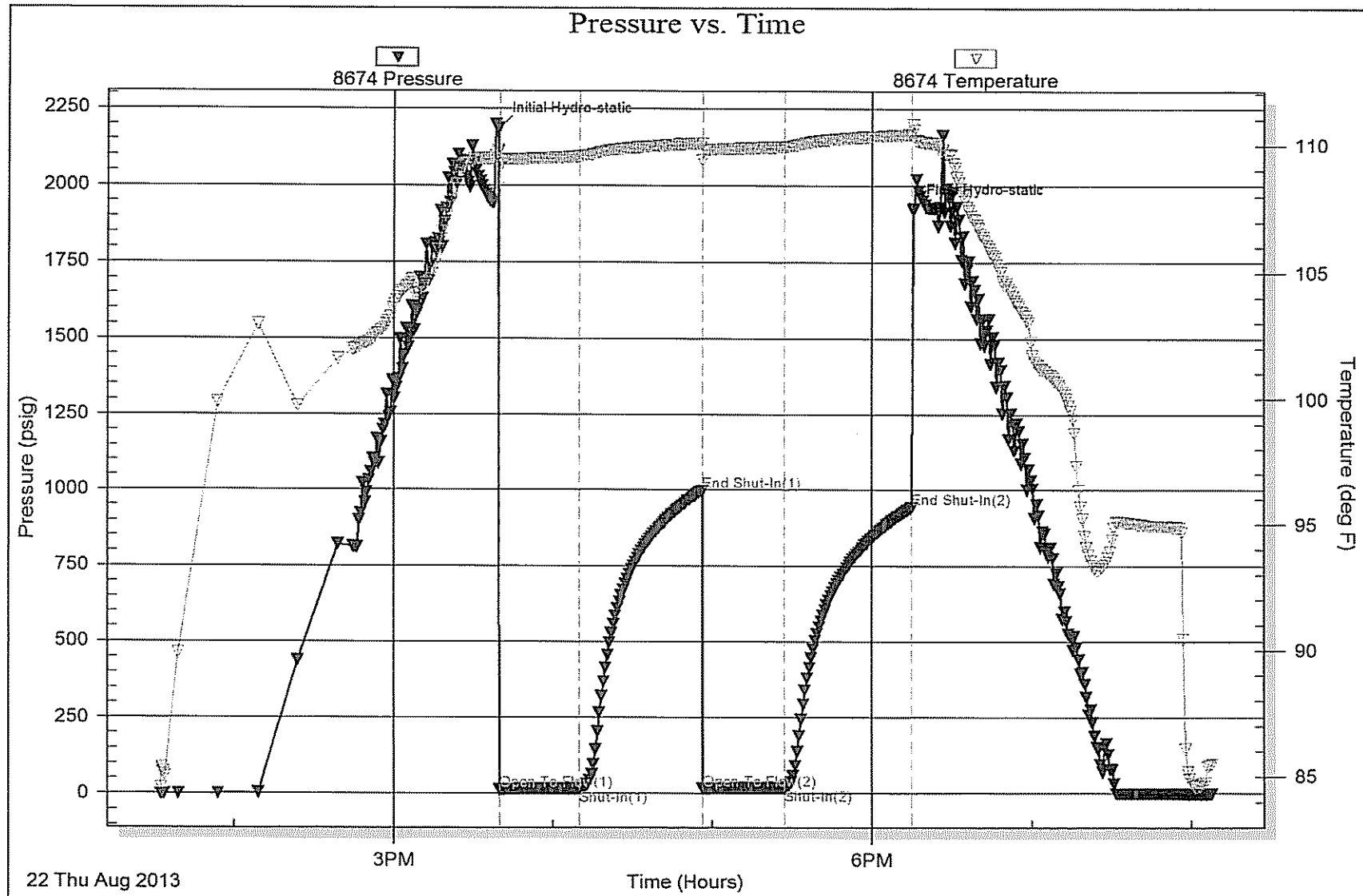
Serial #: 8674

Inside

Lario Oil & Gas Company

Zellner # 1-33

DST Test Number: 2





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas Company

301 S Market St.
Wichita KS. 67202

ATTN: Tim Lauer

33-17s-35w Wichita Co. KS

Zellner # 1-33

Job Ticket: 53007

DST#: 3

Test Start: 2013.08.23 @ 20:14:00

GENERAL INFORMATION:

Formation: LKC "K"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:59:10

Time Test Ended: 03:09:09

Test Type: Conventional Bottom Hole (Reset)

Tester: Will MacLean

Unit No: 58

Interval: 4348.00 ft (KB) To 4367.00 ft (KB) (TVD)

Total Depth: 4348.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3210.00 ft (KB)

3198.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 8674

Inside

Press@RunDepth: 1069.56 psig @ 4349.00 ft (KB)

Start Date: 2013.08.23

End Date:

2013.08.24

Capacity: 8000.00 psig

Last Calib.: 2013.08.24

Start Time: 20:14:00

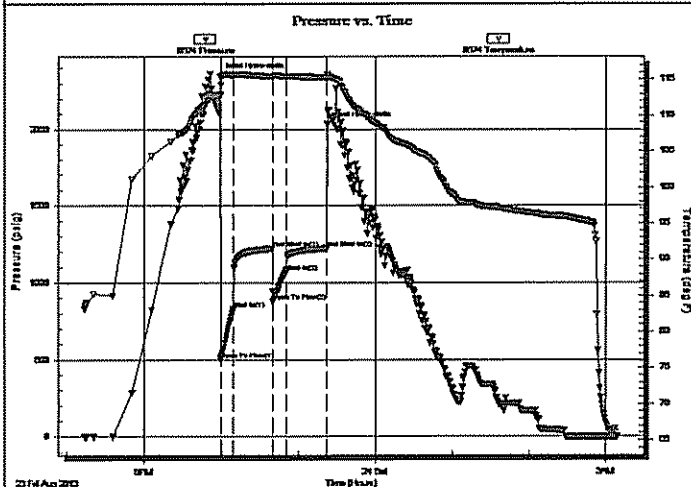
End Time:

03:09:09

Time On Blm: 2013.08.23 @ 21:58:40

Time Off Blm: 2013.08.23 @ 23:22:10

TEST COMMENT: IF- Strong Surface Blow Built to BOB in 30sec (Sulphur breaking out of water had 4ppm of h2s at stand 54
IS- No Blow had 14ppm of h2s at stand 63)
FF- Strong Surface Blow Built to BOB in 40sec
FS- No Blow



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2345.47	112.96	Initial Hydro-static
1	499.62	112.90	Open To Flow (1)
11	827.56	115.58	Shut-In(1)
41	1219.65	115.39	End Shut-In(1)
42	875.90	115.19	Open To Flow (2)
52	1069.56	115.40	Shut-In(2)
84	1221.96	115.21	End Shut-In(2)
84	2030.14	115.68	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1169.00	MCW 2%w 98%w	14.22
744.00	MCW 8%w 92%w	10.44
248.00	MCW 26%w 74%w	3.48
149.00	WCM 40%w 60%w	2.09

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

33-17s-35w Wichita Co. KS

301 S Market St.
Wichita KS. 67202

Zellner # 1-33

Job Ticket: 53007

DST#: 3

ATTN: Tim Lauer

Test Start: 2013.08.23 @ 20:14:00

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:

36000 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.74 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1169.00	MCW 2% _m 98% _w	14.221
744.00	MCW 8% _m 92% _w	10.436
248.00	MCW 26% _m 74% _m	3.479
149.00	WCM 40% _w 60% _m	2.090

Total Length: 2310.00 ft

Total Volume: 30.226 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API is .191 @ 69f = 36000

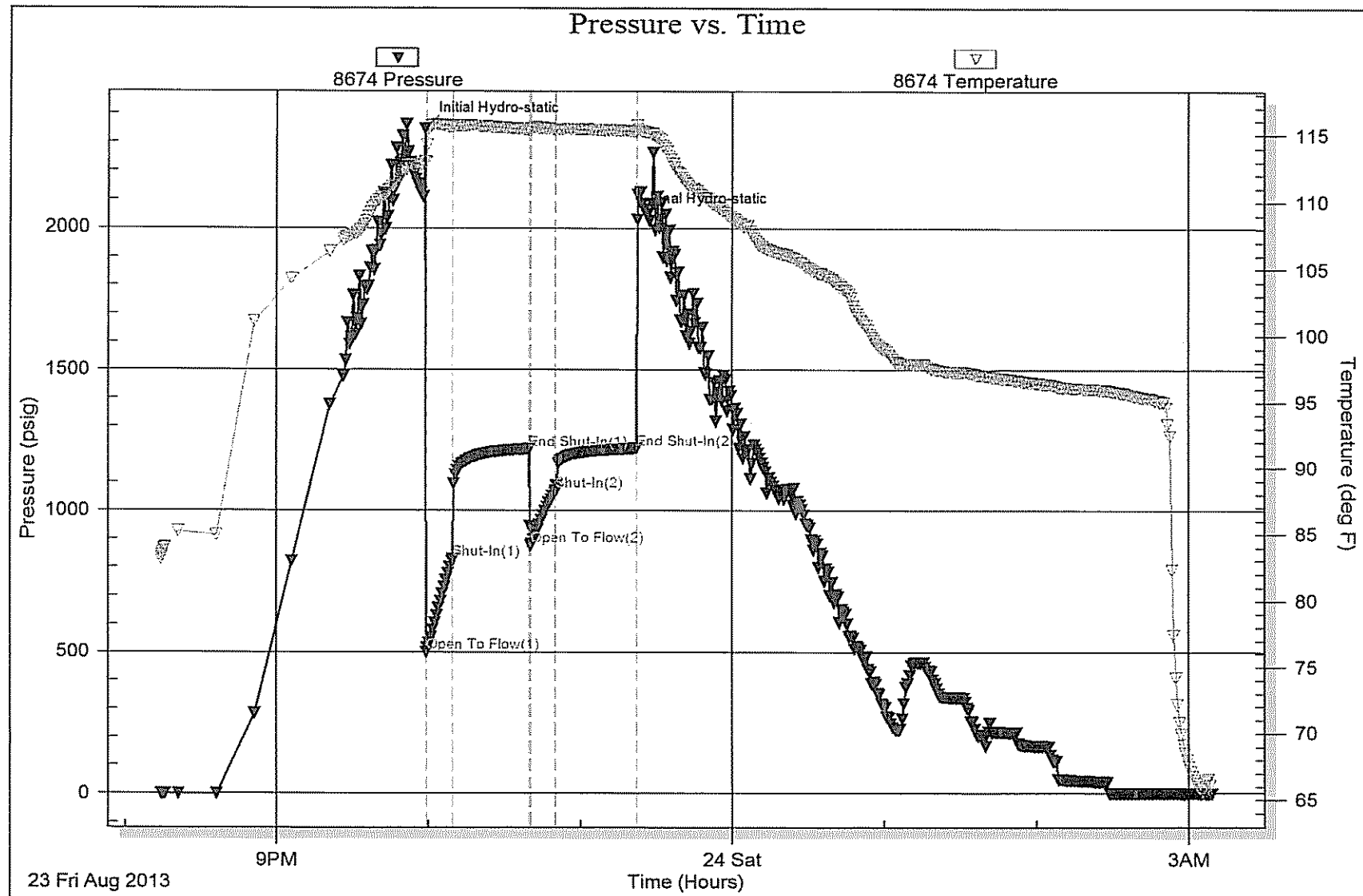
Serial #: 8674

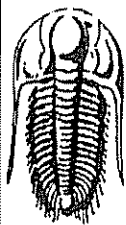
Inside

Lario Oil & Gas Company

Zellner # 1-33

DST Test Number: 3





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas Company

301 S Market St.
Wichita KS. 67202

ATTN: Tim Lauer

33-17s-35w Wichita Co. KS

Zellner # 1-33

Job Ticket: 53008

DST#: 4

Test Start: 2013.08.24 @ 13:22:00

GENERAL INFORMATION:

Formation: LKC "L"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:17:40

Time Test Ended: 20:58:39

Interval: 4396.00 ft (KB) To 4426.00 ft (KB) (TVD)

Total Depth: 4426.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Reset)

Tester: Will MacLean

Unit No: 58

Reference Elevations: 3210.00 ft (KB)

3198.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 8674

Inside

Press@RunDepth: 138.22 psig @ 4397.00 ft (KB)

Start Date: 2013.08.24

End Date:

2013.08.24

Capacity: 8000.00 psig

Last Calib.: 2013.08.24

Start Time: 13:22:00

End Time:

20:58:39

Time On Blm: 2013.08.24 @ 15:17:10

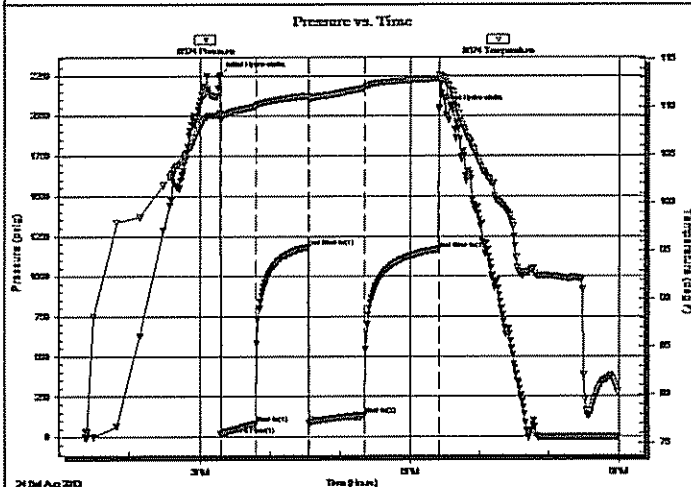
Time Off Blm: 2013.08.24 @ 18:25:09

TEST COMMENT: IF- Weak Surface Blow Built to 6 1/2"

IS- No Blow

FF- Weak Surface Blow Built to 4 1/4"

FS- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2254.25	109.38	Initial Hydro-static
1	15.60	108.66	Open To Flow (1)
31	83.17	110.02	Shut-In (1)
76	1182.33	111.15	End Shut-In (1)
76	87.84	110.68	Open To Flow (2)
124	138.22	111.91	Shut-In (2)
188	1167.72	112.91	End Shut-In (2)
188	2040.39	113.31	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GOCM 12%g 27%oil 61%w	0.30
60.00	WGMCO 3%w 18%g 33%w 46%oil	0.30
120.00	MGCO 7%w 15%g 78%oil	0.60
93.00	MGCO 4%w 14%g 82%oil	1.30
0.00	93' of GIP	0.00

* Recovery from multiple tests

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

33-17s-35w Wichita Co. KS

301 S Market St.
Wichita KS. 67202

Zellner # 1-33

Job Ticket: 53008

DST#: 4

ATTN: Tim Lauer

Test Start: 2013.08.24 @ 13:22:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

24 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.76 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	GOCM 12%g 27%oil 61%m	0.295
60.00	WGMCO 3%w 18%g 33%m 46%oil	0.295
120.00	MGCO 7%m 15%g 78%oil	0.599
93.00	MGCO 4%m 14%g 82%oil	1.305
0.00	93' of GIP	0.000

Total Length: 333.00 ft Total Volume: 2.494 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

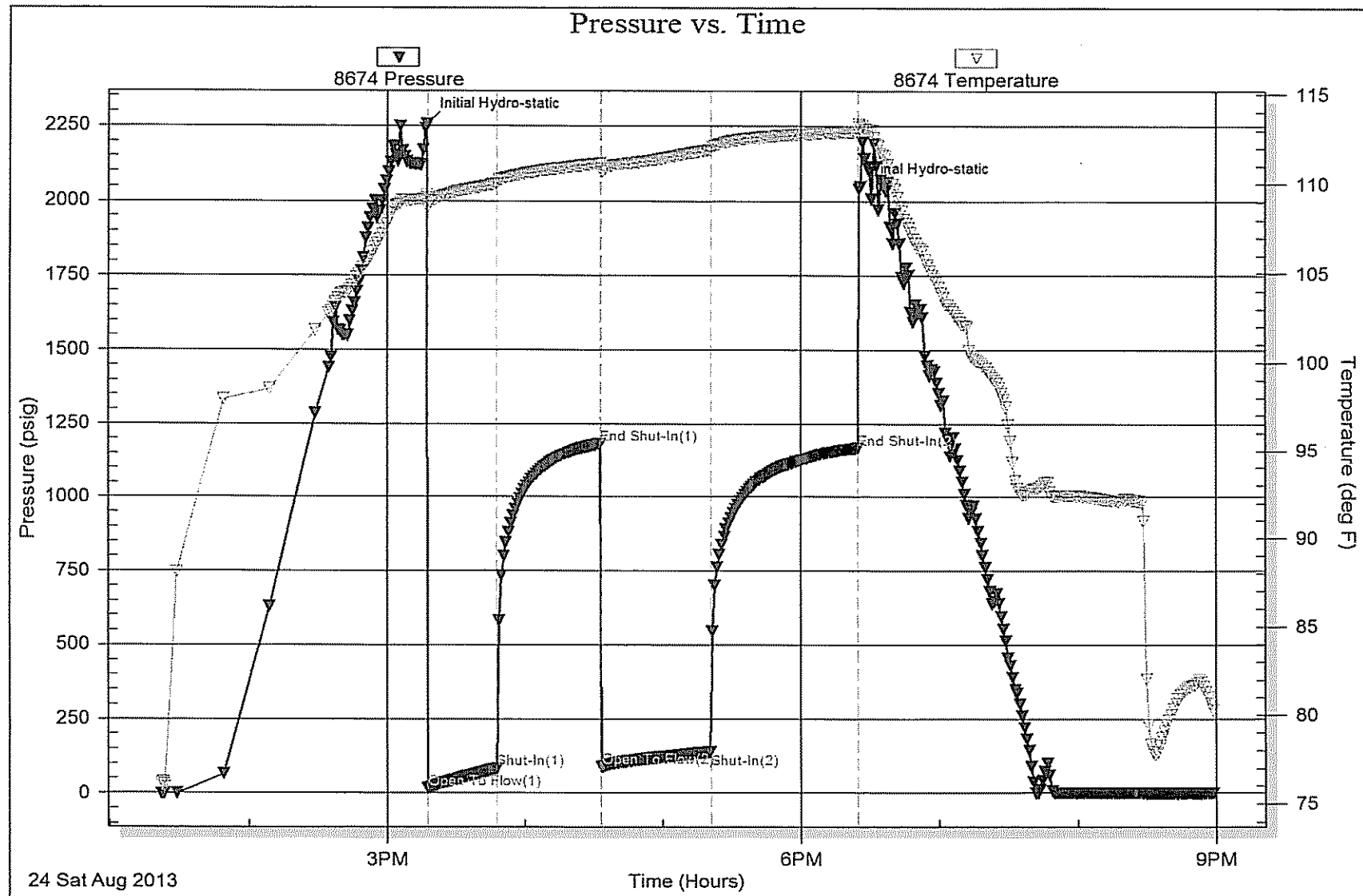
Recovery Comments: API is 26 @ 80f = 24

Serial #: 8674

Inside Lario Oil & Gas Company

Zellner # 1-33

DST Test Number: 4





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas Company

33-17s-35w Wichita Co. KS

301 S Market St.
Wichita KS. 67202

Zellner # 1-33

Job Ticket: 53009

DST#: 5

ATTN: Tim Lauer

Test Start: 2013.08.25 @ 14:54:00

GENERAL INFORMATION:

Formation: **Marmaton "A - B"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:44:40

Time Test Ended: 22:01:54

Test Type: Conventional Bottom Hole (Reset)

Tester: Will MacLean

Unit No: 58

Interval: 4526.00 ft (KB) To 4551.00 ft (KB) (TVD)

Total Depth: 4551.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3210.00 ft (KB)

3198.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 8674

Inside

Press@RunDepth: 25.12 psig @ 4527.00 ft (KB)

Start Date: 2013.08.25

End Date:

2013.08.25

Capacity: 8000.00 psig

Last Calib.: 2013.08.25

Start Time: 14:54:00

End Time:

22:01:54

Time On Blm: 2013.08.25 @ 16:44:25

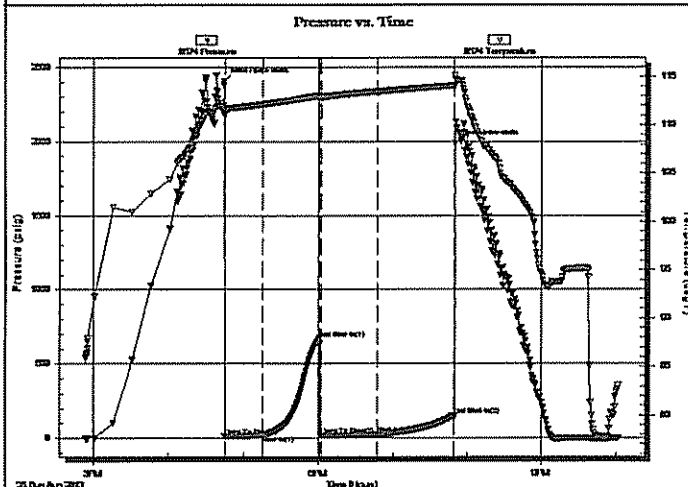
Time Off Blm: 2013.08.25 @ 19:50:09

TEST COMMENT: IF- Very Weak Surface Blow in 14min

IS- No Blow

FF- No Blow

FS- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2403.43	112.06	Initial Hydro-static
1	14.04	111.01	Open To Flow (1)
31	20.67	112.13	Shut-In(1)
77	669.94	113.01	End Shut-In(1)
78	19.37	112.78	Open To Flow (2)
123	25.12	113.43	Shut-In(2)
185	155.26	114.05	End Shut-In(2)
186	1986.55	115.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	OCM 9%oil 91%rm	0.02
5.00	100%oil	0.02

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

33-17s-35w Wichita Co. KS

301 S Market St.
Wichita KS. 67202

Zellner # 1-33

Job Ticket: 53009

DST#: 5

ATTN: Tim Lauer

Test Start: 2013.08.25 @ 14:54:00

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: 8.76 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
5.00	OCM 9%oil 91%m	0.025
5.00	100%oil	0.025

Total Length: 10.00 ft

Total Volume: 0.050 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8674

Inside

Lario Oil & Gas Company

Zellner # 1-33

DST Test Number: 5

