

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

11/17/12

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 5214
Name: Lario Oil & Gas Company
Address: 301 S. Market
City/State/Zip: Wichita, KS 67202
Purchaser: Plains
Operator Contact Person: Jay G. Schweikert
Phone: (316) 265-5611
Contractor: Name: Murfin Drilling
License: 30606
Wellsite Geologist: Bob Bayer

KCC
NOV 17 2010
CONFIDENTIAL

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, 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./SWD
 Plug Back _____ Plug Back Total Depth _____
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Enhr.?) _____ Docket No. _____

7-27-10 8-2-10 9-21-10
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 51-26016 -0000
County: Ellis
SE NW NE NE Sec. 36 Twp. 11 S. R. 18 East West
495 feet from S (N) (circle one) Line of Section
900 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) (NE) SE NW SW
Lease Name: Marshall A Well #: 30
Field Name: Bemis-Shutts
Producing Formation: LKC and Arbuckle
Elevation: Ground: 2002' Kelly Bushing: 2007'
Total Depth: 3615 Plug Back Total Depth: 3566'
Amount of Surface Pipe Set and Cemented at 259 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 2695' Feet
If Alternate II completion, cement circulated from 2695'
feet depth to surface w/ 530 sx cmt.

Drilling Fluid Management Plan At INS 12-310
(Data must be collected from the Reserve Pit)
Chloride content 39,000 ppm Fluid volume 800 bbls
Dewatering method used evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: Jay G. Schweikert
Title: Jay G. Schweikert, Operations Engineer Date: 11-15-10
Subscribed and sworn to before me this 15th day of November,
20 10

Notary Public: Kathy L. Ford
My Appt. Expires: 10-22-14
Date Commission Expires: _____

KCC Office Use ONLY
 Letter of Confidentiality Received 11/19/10 - 11/18/12
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
RECEIVED
NOV 18 2010
KCC WICHITA

Operator Name: Lario Oil & Gas Company Lease Name: Marshall A Well #: 30
 Sec. 36 Twp. 11 S. R. 18 East West County: Ellis

INSTRUCTIONS: Show important tops and base 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. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Topeka	2946	-939
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Heebner	3176	-1169
List All E. Logs Run:		Toronto	3201	-1194
DIL/MEL/CDL/CNL		Lansing	3224	-1217
		Muncie Creek	3344	-1337
		Stark Shale	3413	-1406
		Base KC	3480	-1473
		Arbuckle	3510	-1503

CASING RECORD <input checked="" 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
surface	12 1/4"	8 5/8"	23#	259'	Common	165	3% CC, 2% gel
production		5 1/2"	14#	3609'	Common	165	10# salt, 2% gel
DV tool				2695'	Lite	530	1/4# flo-seal

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 checked="" type="checkbox"/> Plug Off Zone	3272' - 3274'	Common	140	+ 2% CC

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	Depth
4	3512' - 3520' and 3531' - 3535'	190 sx Common	3512' - 3535'
2	3272' - 3274'	250 gal 15% MCA	3320' - 3324'
4	3253' - 3263'	2650 gal 15% NEFE, 400# rock salt diverter	3320' - 3324'
4	3305' - 3309'	and	3305' - 3309'
4	3320' - 3324'	250 gal 15% MCA	3512' - 3520'

TUBING RECORD	Size 2 7/8"	Set At 3554'	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumerd Production, SWD or Enhr. 9-29-10	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls. 101	Gas Mcf 0	Water Bbls. 452	Gas-Oil Ratio	Gravity
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Disposition of Gas: Vented Sold Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval: _____



PO BOX 31 Russell, KS 67665

KCC
NOV 17 2010
CONFIDENTIAL

INVOICE

Invoice Number: 123899

Invoice Date: Aug 2, 2010

Page: 1

Voice: (785) 483-3887

Fax: (785) 483-5566

Bill To:

Lario Oil & Gas Co.
 P.O. Box 784
 Hug. Ks 67601

Jim Billeby
 8-14-10

Marshall A #30
(Long string casing)
AFE #10-199

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Lario	Marshall A #30	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-01	Russell	Aug 2, 2010	9/1/10

Quantity	Item	Description	Unit Price	Amount
165.00	MAT	Class A Common	13.50	2,227.50
3.00	MAT	GEI	20.25	60.75
7.00	MAT	Salt	21.25	148.75
500.00	MAT	WFR-2	1.10	550.00
580.00	MAT	Lightweight Class A	11.85	6,873.00
145.00	MAT	Flo Seal	2.45	355.25
372.00	SER	Handling	2.25	837.00
20.00	SER	Mileage 372 sx @.10 per sk per mi	37.20	744.00
1.00	SER	D V Production String	1,957.00	1,957.00
20.00	SER	Pump truck Mileage	7.00	140.00
1.00	EQP	5.5 D V Tool	4,380.00	4,380.00
1.00	EQP	5.5 Float Shoe	515.00	515.00
9.00	EQP	5.5 Centralizer	35.00	315.00
1.00	EQP	5.5 Basket	161.00	161.00
1.00	EQP	5.5 Flex Latch Down	164.00	164.00

xe

 RECEIVED
 NOV 18 2010
 KCC WICHITA

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

\$ 4857⁰⁶

ONLY IF PAID ON OR BEFORE
Aug 27, 2010

Subtotal	19,428.25
Sales Tax	992.27
Total Invoice Amount	20,420.52
Payment/Credit Applied	
TOTAL	20,420.52

ALLIED CEMENTING CO., LLC. 041839

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Russell KS
11:45am - 12:15pm

DATE <u>8-2-10</u>	SEC. <u>36</u>	TWP. <u>11</u>	RANGE <u>18</u>	CALLED OUT	ON LOCATION	JOB START <u>3:45pm</u>	JOB FINISH <u>4:18pm</u>
LEASE <u>Marshall</u>		WELL # <u>A-30</u>		LOCATION <u>Hays KS 183 North to Buscheye Rd</u>		COUNTY <u>Ellis</u>	STATE <u>KS</u>
OLD OR <input checked="" type="radio"/> NEW (Circle one)			<u>1 East 3 1/2 North to open range 2 North</u>				

CONTRACTOR Murfin #16

TYPE OF JOB D.V. Production String

HOLE SIZE 7 7/8 T.D. LTD 3613' DTG 3615' CEMENT

CASING SIZE 5 1/2 14" DEPTH 3609.34

TUBING SIZE DEPTH

~~Insert~~ DEPTH 3565.83

TOOL DV Tool DEPTH 2696.53

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 42.66'

CEMENT LEFT IN CSG. 42.66'

PERFS.

DISPLACEMENT Bottom 87.01 Top 65.79

KCC
NOV 17 2010

CONFIDENTIAL

AMOUNT ORDERED 165 com 10% Salt 2% Gel
580 Lite 1/4" #10
500 gal WFR-2

COMMON	<u>165</u>	@	<u>13.50</u>	<u>2227.50</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>20.25</u>	<u>60.75</u>
CHLORIDE		@		
ASC		@		
Salt	<u>7</u>	@	<u>21.25</u>	<u>148.75</u>
WFR-2	<u>500</u>	@	<u>1.10</u>	<u>550.00</u>
Lite	<u>580</u>	@	<u>11.85</u>	<u>6873.00</u>
Fl. Sol	<u>145</u>	@	<u>2.45</u>	<u>355.25</u>
HANDLING	<u>372</u>	@	<u>2.25</u>	<u>837.00</u>
MILEAGE	<u>110/16/1/2</u>			<u>744.00</u>
TOTAL				<u>11,796.25</u>

EQUIPMENT

PUMP TRUCK CEMENTER John Roberts

398 HELPER Richard TWS

BULK TRUCK

410 DRIVER Bill TWS

BULK TRUCK

473 DRIVER Ron TWS

481 DRIVER Bill TWS

REMARKS:

Ran 85 lbs 3609.34' str 14" casing set 4' off bottom. Est. Circulation and circulate 1hr on bottom. Pump 500 gal WFR-2 Mix 165 sk cement, and displace w/ 18 Bbl water 638 bl mud 6.01 Bbl Water Land plug @ 1500 psi. Float did hold! Open DV Tool and circulate 2hrs. Plug Rathole w/ 30 sk #1 Mousehole w/ 20 sk. Mix 530 sk cement and displace w/ 65.79 Bbl H₂O. Circulate 30 sk cement back to pit.

Cement Did Circulate!

Thank You!

CHARGE TO: Lario

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>1957.00</u>
EXTRA FOOTAGE	@		
MILEAGE	<u>20</u>	@	<u>7.00</u> <u>140.00</u>
MANIFOLD		@	
RECEIVED			
NOV 18 2010			

KCC WICHITA TOTAL 2097.00

5 1/2 PLUG & FLOAT EQUIPMENT

Weatherford DV Tool			<u>4380.00</u>
Weatherford Float Shoe	@		<u>515.00</u>
9- Centralizers	@	<u>35.00</u>	<u>315.00</u>
1- Cement Basket	@		<u>161.00</u>
1- Flex Latch down	@		<u>164.00</u>
TOTAL <u>5535.00</u>			

To Allied Cementing Co., 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 David L. Jensen

SIGNATURE David L. Jensen

SALES TAX (If Any) _____

TOTAL CHARGES ~~_____~~

DISCOUNT ~~_____~~ IF PAID IN 30 DAYS



PO BOX 31 Russell, KS 67665

Voice: (785) 483-3887
Fax: (785) 483-5566

INVOICE

Invoice Number: 124211
Invoice Date: Aug 25, 2010
Page: 1

KCC
NOV 17 2010
CONFIDENTIAL

Bill To:

Lario Oil & Gas Co.
P.O. Box 784
Warp. Ks 67601

Jim Dilloughy
9-3-10

AFE #10-199

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Lario	Marshall #A-30 (Completion)	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-05	Russell	Aug 25, 2010	9/24/10

Quantity	Item	Description	Unit Price	Amount
190.00	MAT	Class A Common	13.50	2,565.00
190.00	SER	Handling	2.25	427.50
1.00	SER	Handling Mileage Charge	300.00	300.00
1.00	SER	Squeeze	1,159.00	1,159.00
10.00	SER	Pump Truck Mileage	7.00	70.00

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xe

TO	FROM	FILE	DATE	TIME
BY	BY	BY	SEP 07 2010	ED
PV	PV	PV	DM	DM
OP	OP	OP	OP	DM

RECEIVED
NOV 18 2010
KCC WICHITA

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

\$ **904.30**

ONLY IF PAID ON OR BEFORE
Sep 19, 2010

Subtotal	4,521.50
Sales Tax	284.85
Total Invoice Amount	4,806.35
Payment/Credit Applied	
TOTAL	4,806.35



PO BOX 31 Russell, KS 67665

KCC
NOV 17 2010
CONFIDENTIAL

INVOICE

Invoice Number: 123803

Invoice Date: Jul 27, 2010

Page: 1

Voice: (785) 483-3887

Fax: (785) 483-5566

Jim Gallagher
8-7-10

Bill To:

Lario Oil & Gas Co.
P.O. Box 784
Ellis, KS 67601

Marshall A #30
(Surface casting)
AFE #10-199

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Lario	Marshall #A-30	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-01	Russell	Jul 27, 2010	8/26/10

Quantity	Item	Description	Unit Price	Amount
165.00	MAT	Class A Common	13.50	2,227.50
3.00	MAT	Gel	20.25	60.75
5.00	MAT	Chloride	51.50	257.50
80.00	SER	Handling	2.25	180.00
20.00	SER	Mileage 80 sx @ .10 per sk per mi	8.00	160.00
1.00	SER	Surface	991.00	991.00
20.00	SER	Pump Truck Mileage	7.00	140.00

all

GC	KG	RY	PV	OD

AUG 10 2010

RECEIVED

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

\$ 1004¹⁸

ONLY IF PAID ON OR BEFORE
Aug 21, 2010

Subtotal	NOV 18 2010	4,016.75
Sales Tax		160.38
Total Invoice Amount	KCC WICHITA	4,177.13
Payment/Credit Applied		
TOTAL		4,177.13

ALLIED CEMENTING CO., LLC. 041567

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

KCC
NOV 17 2010

SERVICE POINT:
Russell

DATE <u>7-27-10</u>	SEC. <u>36</u>	TWP. <u>11</u>	RANGE <u>18</u>	CALLED <u>CONFIDENTIAL</u>	LOCATION	JOB START <u>9:15p</u>	JOB FINISH <u>9:45p</u>
LEASE <u>Marshall</u>	WELL # <u>A-30</u>	LOCATION <u>Hays + 183 N to Dodge Rd</u>	COUNTY <u>Ellis</u>	STATE <u>KS</u>			
OLD OR <u>NEW</u> (Circle one)		<u>1E 3 1/2 N to Open Range 2N</u>					

CONTRACTOR Martin #16
TYPE OF JOB Surface Job
HOLE SIZE 12 1/4 T.D. 260'
CASING SIZE 8 5/8 DEPTH 259.52
TUBING SIZE _____ DEPTH _____
DRILL PIPE _____ DEPTH _____
TOOL _____ DEPTH _____
PRES. MAX _____ MINIMUM _____
MEAS. LINE _____ SHOE JOINT _____
CEMENT LEFT IN CSG. 15'
PERFS. _____
DISPLACEMENT 15.5 661

OWNER _____
CEMENT AMOUNT ORDERED 165 Con J2CC
22.6 gal

COMMON	<u>165</u>	@	<u>13.50</u>	<u>2227.50</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>20.25</u>	<u>60.75</u>
CHLORIDE	<u>5</u>	@	<u>51.50</u>	<u>257.50</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>80</u>	@	<u>2.25</u>	<u>180.00</u>
MILEAGE		@		<u>160.00</u>
				TOTAL <u>2845.75</u>

EQUIPMENT

PUMP TRUCK CEMENTER Steve
398 HELPER John
BULK TRUCK
481 DRIVER Bobby
BULK TRUCK
_____ DRIVER _____

REMARKS:

Run 6 Sts + Landing St.
Est Circulation
Mixed 165 stps
Cement Circ

CHARGE TO: Lario
STREET _____
CITY _____ STATE _____ ZIP _____

Thanks Bid

To Allied Cementing Co., 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 AFD
SIGNATURE Aug 2nd

SERVICE

DEPTH OF JOB _____
PUMP TRUCK CHARGE _____ 991.00
EXTRA FOOTAGE _____ @ _____
MILEAGE 20 @ 2.00 140.00
MANIFOLD _____ @ _____
RECEIVED _____ @ _____

NOV 18 2010 TOTAL 1131.00

KCC WICHITA
PLUG & FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		
TOTAL _____			

SALES TAX (If Any) _____
TOTAL CHARGES ~~2227.50~~
DISCOUNT ~~_____~~ IF PAID IN 30 DAYS

Bid



PO BOX 31 Russell, KS 67665

Voice: (785) 483-3887
Fax: (785) 483-5566

INVOICE

Invoice Number: 124322

Invoice Date: Sep 1, 2010

Page: 1 **KCC**

NOV 17 2010

CONFIDENTIAL

Bill To:
Lario Oil & Gas Co.
P.O. Box 784
Harp, KS 67601

AFE # 10-199 *Jim Delaney 9-11-10*

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Lario	Marshall #A-30 (Completion)	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-05	Russell	Sep 1, 2010	10/1/10

Quantity	Item	Description	Unit Price	Amount
140.00	MAT	Class A Common	13.50	1,890.00
3.00	MAT	Chloride	51.50	154.50
2.00	MAT	Sand	12.75	25.50
140.00	SER	Handling	2.25	315.00
1.00	SER	Handling Mileage Charge	300.00	300.00
1.00	SER	Squeeze	1,159.00	1,159.00
20.00	SER	Pump Truck Mileage	7.00	140.00

all TC

PAID	EXPI.	FILE	
SC			
KG			DB
HY			MM
PV			DM
OD			

SEP 13 2010

RECEIVED

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

\$ 796.80

★

ONLY IF PAID ON OR BEFORE

Sep 26, 2010

Subtotal		3,984.00
Sales Tax	NOV 18 2010	250.99
Total Invoice Amount	KCC WICHITA	4,234.99
Payment/Credit Applied		
TOTAL		4,234.99

ALLIED CEMENTING CO., LLC. 041906

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Russell

DATE <u>9-1-10</u>	SEC. <u>36</u>	TWP. <u>11S</u>	RANGE <u>18E</u>	CALLED OUT	ON LOCATION	JOB START <u>11:30 A.M.</u>	JOB FINISH <u>12:00 P.M.</u>
LEASE <u>Marshall</u>		WELL # <u>A-30</u>	LOCATION <u>Hayes N to Duckey Rd</u>			COUNTY <u>Ellis</u>	STATE <u>KS</u>
<input checked="" type="radio"/> OLD OR NEW (Circle one)			<u>1E 2N to Camp</u>				

CONTRACTOR Co Tools OWNER _____

TYPE OF JOB Squeeze Job

HOLE SIZE 2 7/8 T.D. _____

CASING SIZE 5 1/2 DEPTH _____

TUBING SIZE 2 7/8 DEPTH 3190'

DRILL PIPE DEPTH _____

TOOL DEPTH 3190'

PRES. MAX 2000 psi MINIMUM _____

MEAS. LINE SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. 3275 to 3274'

DISPLACEMENT 18.47661 C 2.661

CEMENT Used 140 stb **KCC**

AMOUNT ORDERED 150 Can 2 P.C.C **NOV 17 2010**

2-Sand **CONFIDENTIAL**

EQUIPMENT

PUMP TRUCK CEMENTER Steve

417 HELPER Heath

BULK TRUCK

481-282 DRIVER David Tus

BULK TRUCK

_____ DRIVER _____

COMMON	<u>140</u>	@	<u>13.50</u>	<u>1890.00</u>
POZMIX		@		
GEL		@		
CHLORIDE	<u>3</u>	@	<u>51.50</u>	<u>154.50</u>
ASC		@		
<u>Sand</u>	<u>2</u>	@	<u>12.75</u>	<u>25.50</u>
		@		
		@		
		@		
		@		
HANDLING	<u>140</u>	@	<u>2.25</u>	<u>315.00</u>
MILEAGE	<u>110 stb/mile</u>			<u>300.00</u>
TOTAL				<u>2685.00</u>

REMARKS:

BP. 3341 Spotted 2-Sand @ 3275 - Pulled up to 3190' Took Rate 4 bbl/min @ 1000 psi Mixed 140 stb shot down washed truck & large. Succeeded to 2000 psi. Released. Deyed up. Pulled 5 hrs. Resposed Squeeze to 500 psi & Shut in.

CHARGE TO: Lucia Oil + Gas

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	_____
PUMP TRUCK CHARGE	<u>1159.00</u>
EXTRA FOOTAGE	@ _____
MILEAGE	<u>20</u> @ <u>2.00</u> <u>140.00</u>
MANIFOLD	@ _____
	@ _____
TOTAL <u>1299.00</u>	

~~_____~~

PLUG & FLOAT EQUIPMENT

~~_____~~

RECEIVED

NOV 18 2010

To Allied Cementing Co., 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 David Jensen

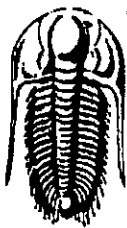
SIGNATURE David Jensen

TOTAL **KCC WICHITA**

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Lario Oil & Gas Co

Marshall A # 30

301 S Market St
Wichita Ks 67202

36-11-18-Ellis-Ks

Job Ticket: 039908

DST#: 1

ATTN: John Hastings

Test Start: 2010.07.30 @ 18:45:06

GENERAL INFORMATION:

Formation: **B LKC**

Deviated: **No Whipstock** ft (KB)

Time Tool Opened: 20:38:51

Time Test Ended: 01:20:06

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 38

Interval: **3210.00 ft (KB) To 3265.00 ft (KB) (TVD)**

Total Depth: **3265.00 ft (KB) (TVD)**

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

Reference Elevations: 2007.00 ft (KB)

2002.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8354 Inside

Press@RunDepth: 96.48 psig @ 3213.00 ft (KB)

Start Date: 2010.07.30

End Date:

2010.07.31

Start Time: 18:45:07

End Time:

01:20:06

Capacity: 8000.00 psig

Last Calib.: 2010.07.31

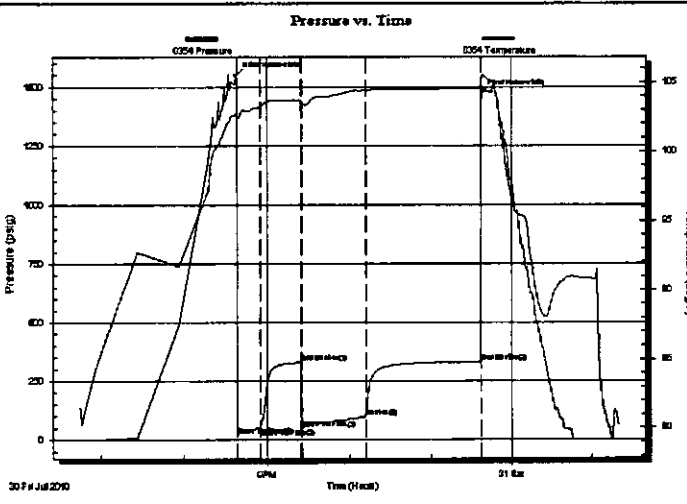
Time On Btm: 2010.07.30 @ 20:37:36

Time Off Btm: 2010.07.30 @ 23:37:51

TEST COMMENT: IF-Strong B-B in 6 min
ISI-Weak surface blow
FF-Strong B-B in 5 min
FSI-Weak building to 1/2"

KCC

NOV 17 2010



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1548.42	102.63	Initial Hydro-static
2	22.76	102.36	Open To Flow (1)
18	49.88	103.18	Open To Flow (2)
47	330.47	103.71	End Shut-In(1)
48	50.49	103.58	Open To Flow (3)
94	96.48	104.45	Shut-In(1)
180	332.71	104.58	End Shut-In(2)
181	1472.45	105.14	Final Hydro-static

CONFIDENTIAL

Recovery

Length (ft)	Description	Volume (bbl)
110.00	MCGsyo 20%g 50%o 30%m	1.27
120.00	MCGsyo 30%g 50%o 20%m	1.68
0.00	680 GIP	0.00

Gas Rates

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

RECEIVED

NOV 18 2010

KCC WICHITA



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Co

Marshall A # 30

301 S Market St
Wichita Ks 67202

36-11-18-Ellis-Ks

Job Ticket: 039908

DST#: 1

ATTN: John Hastings

Test Start: 2010.07.30 @ 18:45:06

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 32 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 44.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.19 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 3000.00 ppm		
Filter Cake: inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
110.00	MCGsyO 20%g 50%o 30%m	1.270
120.00	MCGsyO 30%g 50%o 20%m	1.683
0.00	680 GP	0.000

Total Length: 230.00 ft Total Volume: 2.953 bbl

Num Fluid Samples: 0

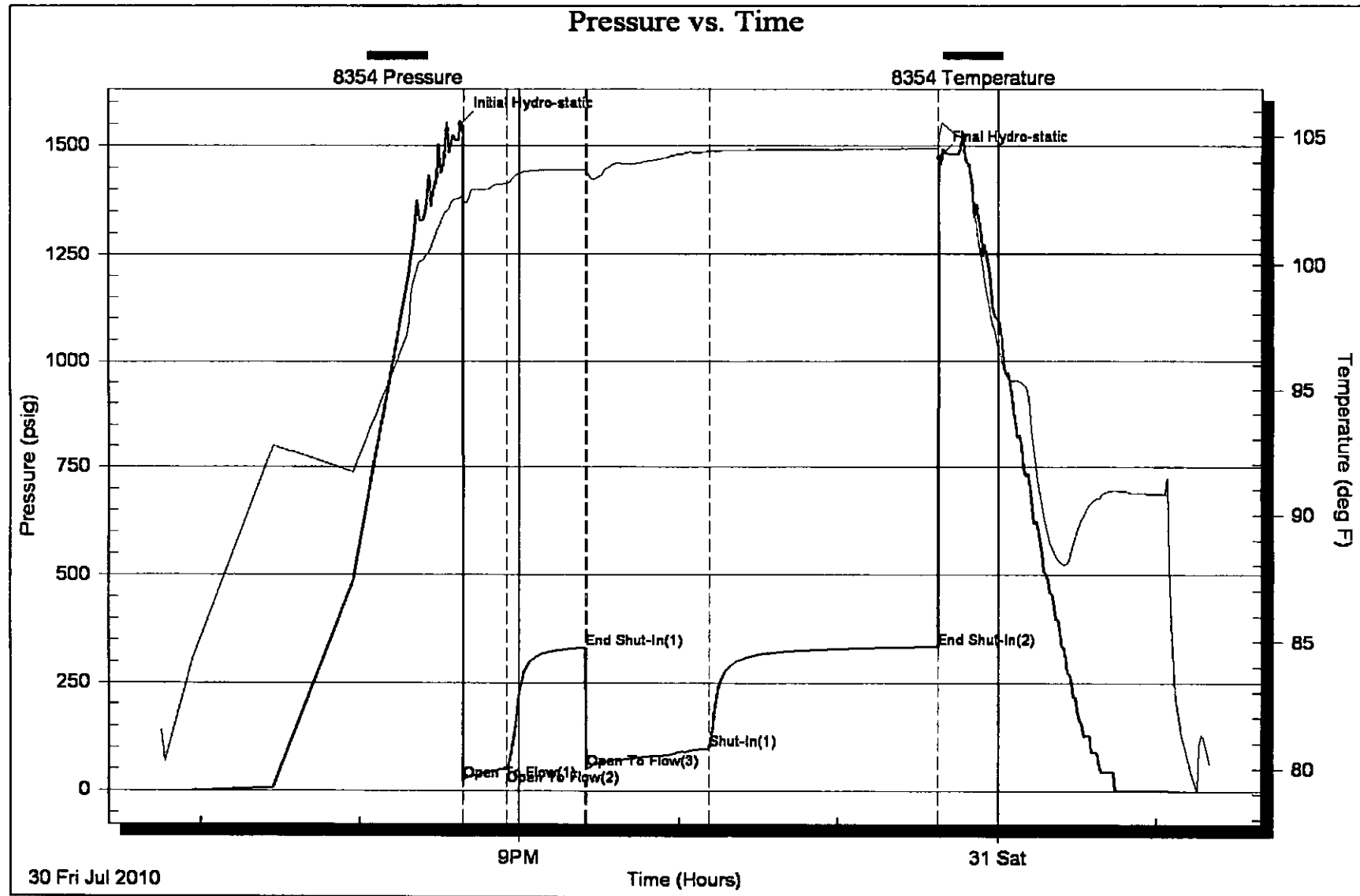
Num Gas Bombs: 0

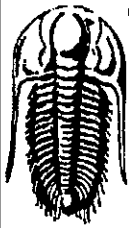
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Lario Oil & Gas Co

Marshall A # 30

301 S Market St
Wichita Ks 67202

36-11-18-Ellis-Ks

Job Ticket: 039909

DST#: 2

ATTN: John Hastings

Test Start: 2010.07.31 @ 09:08:52

GENERAL INFORMATION:

Formation: **F-G LKC**

Deviated: **No Whipstock** ft (KB)

Time Tool Opened: 10:43:52

Time Test Ended: 15:21:22

Test Type: **Conventional Bottom Hole**

Tester: **Dan Bangle**

Unit No: **38**

Interval: **3268.00 ft (KB) To 3340.00 ft (KB) (TVD)**

Total Depth: **3340.00 ft (KB) (TVD)**

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

Reference Elevations: **2007.00 ft (KB)**

2002.00 ft (CF)

KB to GR/CF: **5.00 ft**

Serial #: 8354

Inside

Press@RunDepth: **165.51 psig @ 3273.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2010.07.31**

End Date:

2010.07.31

Last Calib.: **2010.07.31**

Start Time: **09:08:53**

End Time:

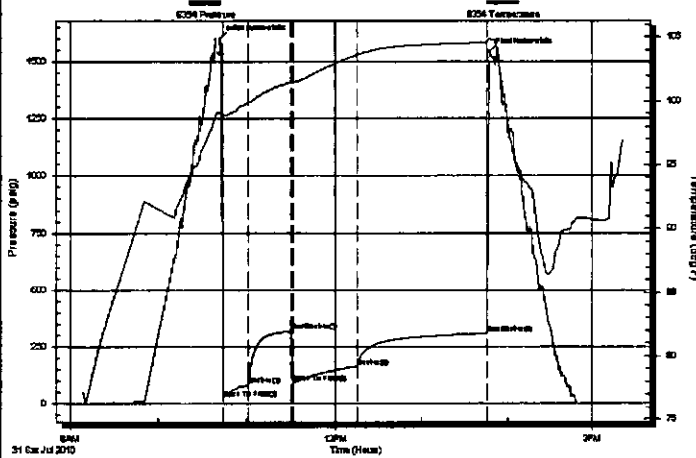
15:21:22

Time On Btm: **2010.07.31 @ 10:42:22**

Time Off Btm: **2010.07.31 @ 13:47:37**

TEST COMMENT: IF-Strong B-B in 6 min
ISI-Weak steady surface blow
FF-Strong B-B in 8 min
FSI-Weak building to 1/2"

Pressure vs. Time



PRESSURE SUMMARY

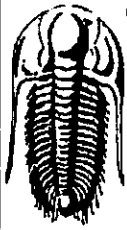
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1599.43	99.10	Initial Hydro-static
2	27.46	98.80	Open To Flow (1)
19	84.95	99.84	Shut-In(1)
48	319.04	101.48	End Shut-In(1)
49	90.79	101.47	Open To Flow (2)
93	165.51	103.61	Shut-In(2)
184	308.48	104.59	End Shut-In(2)
186	1542.58	104.89	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
185.00	Silly O&GCMdyW 5%g 3%o 72%w 20% m	2.32.13 @
120.00	OCgsyM 10%g 10%o 80%m	1.68
40.00	CGsyO	0.56
0.00	320 GIP	0.00

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 Co

Marshall A # 30

301 S Market St
Wichita Ks 67202

36-11-18-Ellis-Ks

Job Ticket: 039909

DST#: 2

ATTN: John Hastings

Test Start: 2010.07.31 @ 09:08:52

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: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.19 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4500.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
185.00	Silly O&G Mud W 5%g 3%o 72%w 20%m Rw	2.322
120.00	OCGsyM 10%g 10%o 80%m	1.683
40.00	CGsyO	0.561
0.00	320 GIP	0.000

Total Length: 345.00 ft Total Volume: 4.566 bbl

Num Fluid Samples: 0

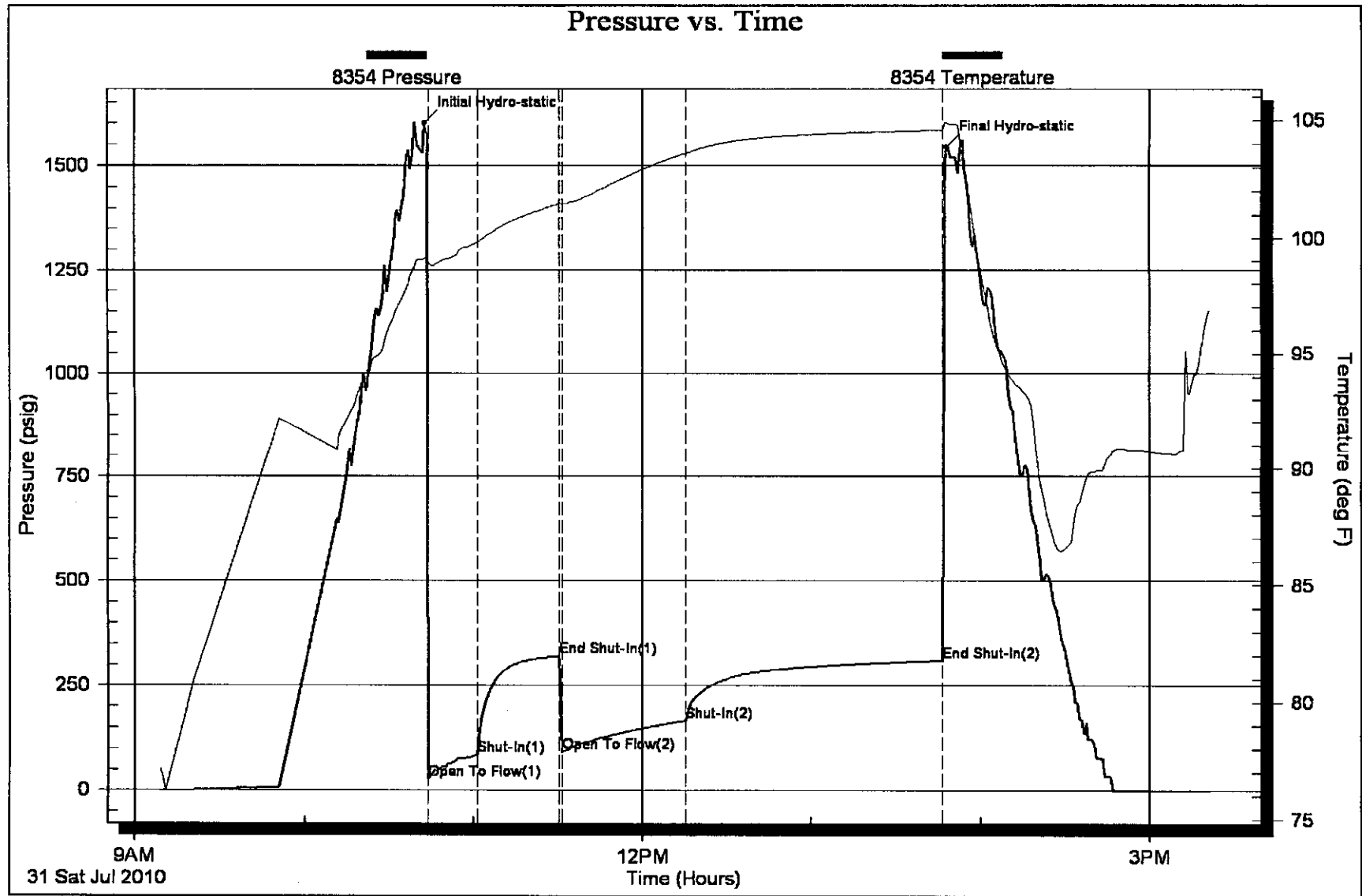
Num Gas Bombs: 0

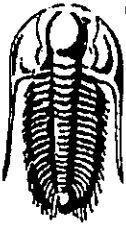
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Lario Oil & Gas Co

Marshall A # 30

301 S Market St
Wichita Ks 67202

36-11-18-Ellis-Ks

ATTN: John Hastings

Job Ticket: 039910

DST#: 3

Test Start: 2010.08.01 @ 05:07:08

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:48:08

Time Test Ended: 12:01:23

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 38

Interval: **3472.00 ft (KB) To 3522.00 ft (KB) (TVD)**

Reference Elevations: 2007.00 ft (KB)

Total Depth: 3522.00 ft (KB) (TVD)

2002.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: **8354**

Inside

Press@RunDepth: 385.44 psig @ 3477.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.08.01

End Date:

2010.08.01

Last Calib.: 2010.08.01

Start Time: 05:07:09

End Time:

12:01:23

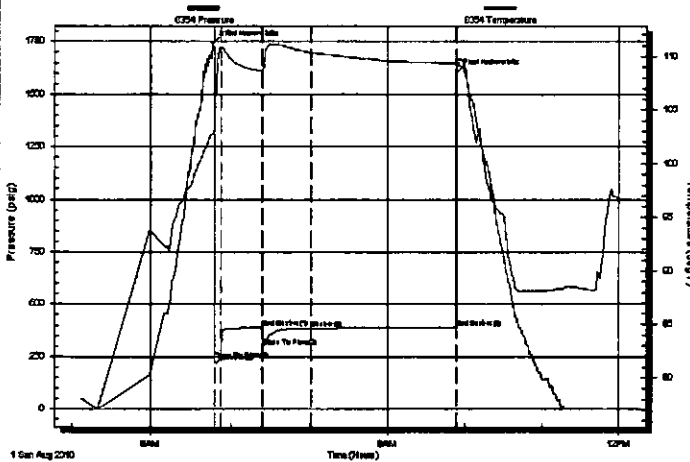
Time On Btm: 2010.08.01 @ 06:46:38

Time Off Btm: 2010.08.01 @ 09:53:38

TEST COMMENT: IF-Strong B-B in 1 min

FF-Strong B-B in 1 min - died in 50 min

Pressure vs. Time



PRESSURE SUMMARY

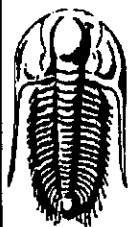
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1738.86	102.74	Initial Hydro-static
2	234.17	102.89	Open To Flow (1)
7	265.32	110.89	Shut-In(1)
38	389.03	108.61	End Shut-In(1)
38	297.93	108.63	Open To Flow (2)
75	385.44	110.37	Shut-In(2)
187	389.30	109.39	End Shut-In(2)
187	1603.48	109.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	Wtr Rw .23 @ 80 = 25000ppm	1.41
250.00	StilyOCWtryM 3%o 25%w 72%m	3.51
495.00	O&WCM 10%o 10%w 80%m	6.94
3.00	CO	0.04

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Co

Marshall A # 30

301 S Market St
Wichita Ks 67202

36-11-18-Ellis-Ks

Job Ticket: 039910

DST#: 3

ATTN: John Hastings

Test Start: 2010.08.01 @ 05:07:08

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:

25000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
120.00	Wtr Rw .23 @ 80 = 25000ppm	1.410
250.00	SillyOCWtryM 3%o 25%w 72%m	3.507
495.00	O&WCM 10%o 10%w 80%m	6.944
3.00	CO	0.042

Total Length: 868.00 ft Total Volume: 11.903 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

