



KANSAS CORPORATION COMMISSION 1049869  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
June 2009  
Form Must Be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5214  
Name: Lario Oil & Gas Company  
Address 1: 301 S MARKET ST  
Address 2: \_\_\_\_\_  
City: WICHITA State: KS Zip: 67202 + 3805  
Contact Person: Jay Schweikert  
Phone: ( 316 ) 265-5611  
CONTRACTOR: License # 30606  
Name: Murfin Drilling Co., Inc.  
Wellsite Geologist: Tim Lauer  
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  
 Conv. to GSW  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled Permit #: \_\_\_\_\_  
 Dual Completion Permit #: \_\_\_\_\_  
 SWD Permit #: \_\_\_\_\_  
 ENHR Permit #: \_\_\_\_\_  
 GSW Permit #: \_\_\_\_\_  
01/07/2011 01/15/2011 02/04/2011  
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 15-051-26071-00-00  
Spot Description: \_\_\_\_\_  
SE NE NW NE Sec. 36 Twp. 11 S. R. 18  East  West  
475 Feet from  North /  South Line of Section  
1,390 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Ellis  
Lease Name: Marshall A Well #: 32  
Field Name: Bemis-Shutts  
Producing Formation: Lansing  
Elevation: Ground: 2103 Kelly Bushing: 2108  
Total Depth: 3710 Plug Back Total Depth: 3600  
Amount of Surface Pipe Set and Cemented at: 289 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: 2690 Feet  
If Alternate II completion, cement circulated from: 2690  
feet depth to: 0 w/ 420 sx cmt.

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content: 10300 ppm Fluid volume: 1220 bbls  
Dewatering method used: Evaporated  
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**  
 Letter of Confidentiality Received  
Date: \_\_\_\_\_  
 Confidential Release Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: Deanna Garrison Date: 02/14/2011



1049869

Operator Name: Lario Oil & Gas Company Lease Name: Marshall A Well #: 32  
 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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional Sheets)	<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	Heebner	3285	-1177
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Lansing	3328	-1220
Electric Log Submitted Electronically (If no, Submit Copy)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Stark Shale	3520	-1412
List All E. Logs Run:		Base KC	3586	-1478
		Arbuckle	3618	-1510

CHL/CDL  
DIL  
MICRO

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	12.25	8.625	23	289	Common	185	3% CC, 2% gel
production	7.875	5.5	15.5	3709	AA2	183	5# salt, 5# FLS-322, .265 celloflake
DV tool	7.875	5.5	15.5	2671	A-Con	420	3% CC, .265 Celloflake

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing	-			
___ Plug Back TD				
___ Plug Off Zone	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	3620 - 3634	350 g 15% NEFE; 500 g 15% Mud acid	3620 - 3634
4	3423 - 3426	250 g 15% MCA; 500 g 15% NEFE	3423 - 3426
4	3409 - 3412	250 g 15% MCA; 750 g 15% NEFE, 1200 g 28% NEFE	3409 - 3412
4	3358 - 3368	1750 g 20% NEFE	3358 - 3368

TUBING RECORD:	Size: <u>2 7/8</u>	Set At: <u>3584</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>02/18/2011</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____			
Estimated Production Per 24 Hours	Oil Bbls. <u>94</u>	Gas Mcf <u>0</u>	Water Bbls. <u>87</u>	Gas-Oil Ratio _____ Gravity _____

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) (Submit ACO-4) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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PAGE 1 of 1	CUST NO 1002301	INVOICE DATE 01/18/2011
INVOICE NUMBER <b>1718 - 90503058</b>		

Pratt (620) 672-1201

B LARIO OIL & GAS  
I P O BOX 84  
L L MURDOCK  
L KS US 67111  
T  
O ATTN:

J LEASE NAME  
O LOCATION  
B COUNTY  
S STATE  
I JOB DESCRIPTION  
T JOB CONTACT  
E

AFE #11-002  
Marshall A 32  
(Long string casing)  
Ellis  
KS  
Cement-New Well Casing/Pi  
*Billings*  
1-21-11

JOB # 40274701	EQUIPMENT # 20920	PURCHASE ORDER NO.	TERMS Net - 30 days	DUE DATE 02/17/2011
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	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 01/15/2011 to 01/15/2011</i>				
0040274701				
171803169A Cement-New Well Casing/Pi 01/15/2011				
5 1/2" 2-Stage Longstring				
AA2 Cement	183.00	EA	12.24	2,239.92 T
A-Con Blend Common	420.00	EA	12.96	5,443.21 T
60/40 POZ	50.00	EA	8.64	432.00 T
Celloflake	151.00	EA	2.66	402.26 T
C-41P	44.00	EA	2.88	126.72 T
Calcium Chloride	1,185.00	EA	0.76	895.86 T
Salt	1,007.00	EA	0.36	362.52 T
FLA-322	87.00	EA	5.40	469.80 T
Two Stage Cement Collar 5 1/2" (Red)	1.00	EA	4,392.00	4,392.00
5 1/2" Latch Down Plug & Assembly (Red)	1.00	EA	612.00	612.00
Auto Fill Float Shoe 5 1/2" (Red)	1.00	EA	345.60	345.60
Turbolizer 5 1/2" (Blue)	9.00	EA	79.20	712.80
5 1/2" Basket (Blue)	3.00	EA	208.80	626.40
Industrial Rubber Thread Lock Kit	1.00	EA	24.48	24.48
High Head Charge (Over 6')	1.00	EA	216.00	216.00
Super Flush II	500.00	EA	1.10	550.80 T
Heavy Equipment Mileage	300.00	MI	5.04	1,512.00
Blending & Mixing Service Charge	653.00	MI	1.01	658.22
Proppant and Bulk Delivery Charges	3,055.00	MI	1.15	3,519.36
Depth Charge; 3001-4000'	1.00	HR	1,555.20	1,555.20
Additional Stage Charge	1.00	EA	1,555.20	1,555.20
Plug Container Utilization Charge	1.00	EA	180.00	180.00
Supervisor	1.00	HR	126.00	126.00
Unit Mileage Charge-Pickups, Vans & Cars	100.00	HR	3.06	306.00

Acct	Expl	File	OK TO PAY		
GC					
KG					DB
HY					MM
PV					DM
OD					

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	27,264.35
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	688.15
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	27,952.50
DALLAS, TX 75284-1903	MIDLAND, TX 79702		



**BASIC**  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201

FIELD SERVICE TICKET  
1718 03169 A

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB		DISTRICT <u>Kansas</u>		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:						
CUSTOMER <u>Lario O.L &amp; Gas Co</u>		LEASE <u>Marshall A</u>		WELL NO. <u>32</u>						
ADDRESS		COUNTY <u>Ellis 36-11-18</u>		STATE <u>Kansas</u>						
CITY		STATE		SERVICE CREW <u>A Werth, K. G. S. M. McGraw, E. W. J.</u>						
AUTHORIZED BY		JOB TYPE: <u>5/2 - 7-Stage L.S.</u>								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
<u>78443 P.4</u>	<u>5</u>						<u>1-15-11</u>			<u>200</u>
<u>33708-20920</u>	<u>5</u>					ARRIVED AT JOB	<u>1-15-11</u>			<u>1730</u>
<u>19826-19860</u>	<u>5</u>					START OPERATION	<u>1-15-11</u>			<u>530</u>
<u>19962-19918</u>	<u>5</u>					FINISH OPERATION	<u>1-15-11</u>			<u>600</u>
						RELEASED	<u>1-15-11</u>			
						MILES FROM STATION TO WELL	<u>100-2.10</u>			

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: \_\_\_\_\_  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP105	AA-2 Cement	SK	125		\$ 7125.00
CP101	A-Gon Blend Cement	SK	500		\$ 1400.00
CP103	60/40 P02	SK	50		\$ 1650.00
CC102	cell FLAKE	lb	127		\$ 469.90
CC106	C-41P	lb	453		\$ 513.30
CC109	Calcium Chloride	lb	127		\$ 180.70
CC111	Salt	lb	1189		\$ 129.50
CC120	FIA-332	lb	129		\$ 50.50
CF401	Two stage cement collar 5/2 Red	EA	1		\$ 6100.00
CF601	5/2 Latch Down Plug & Assembly Red	EA	1		\$ 820.00
CF1201	Auto Fill Float Shoe 5/2 Red	EA	1		\$ 430.00
CF1651	Turbolizer 5/2 Blue	EA	9		\$ 990.00
CF1901	5/2 Basket Blue	EA	2		\$ 270.00
CF2000	Industrial Rubber-Thread Lock	EA	1		\$ 34.00
CC155	Super Flush II	gal	500		\$ 765.00

SUB TOTAL  
DLS

CHEMICAL / ACID DATA:		

SERVICE & EQUIPMENT	%TAX ON S	
MATERIALS	%TAX ON S	
TOTAL		

SERVICE REPRESENTATIVE Alan L... THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: \_\_\_\_\_  
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.



**BASIC**  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201

FIELD SERVICE TICKET  
1718 03170 A

DATE TICKET NO. 03169A

DATE OF JOB	DISTRICT <u>KANSAS</u>	NEW WELL <input checked="" type="checkbox"/>	OLD WELL <input type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.:		
CUSTOMER	<u>Acid Oil &amp; Gas Co</u>	LEASE <u>Marshall 'A'</u>					WELL NO. <u>32</u>		
ADDRESS		COUNTY <u>Ellis 26-11-18</u>					STATE <u>KANSAS</u>		
CITY	STATE	SERVICE CREW <u>A. Worth &amp; Lesley M. McGraw</u>							
AUTHORIZED BY		JOB TYPE: <u>5 1/2" J-Stage L.S.</u>							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AMP	TIME
<u>38443 P.U.</u>	<u>5</u>						<u>1-15-11</u>		<u>300</u>
<u>33208-20920</u>	<u>5</u>					ARRIVED AT JOB	<u>1-15-11</u>		<u>730</u>
<u>19826-19860</u>	<u>5</u>					START OPERATION	<u>1-15-11</u>		<u>1230</u>
<u>19960-19988</u>	<u>5</u>					FINISH OPERATION	<u>1-15-11</u>		<u>530</u>
						RELEASED	<u>1-15-11</u>		<u>600</u>
						MILES FROM STATION TO WELL <u>100-miles</u>			

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: \_\_\_\_\_  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
E101	Heavy Equip. mileage	Mi	300		
CF340	Blend/dil & mixing Service chg	SK	653		\$ 200.00
F113	Bulk Delivery Charge	Tm	305		\$ 814.00
CF304	Depth Charge 300/4000	4-hrs	1		\$ 480.00
CF409	Additional "Hour" Stage Charge	4-hrs	1		\$ 216.00
CF504	Plus container utilization chg	Job	1		\$ 216.00
5003	Service Supervisor first shift value	SA	1		\$ 25.00
E100	Unit mileage charge Pickup	Mi	100		\$ 125.00
CF503	Drill Charge over 6	SA	1		\$ 270.00

CHEMICAL / ACID DATA:			

SUB TOTAL		<u>DL5</u>	<u>27,264.35</u>
SERVICE & EQUIPMENT	%TAX ON \$		
MATERIALS	%TAX ON \$		
TOTAL			<u>27,264.35</u>

SERVICE REPRESENTATIVE: <u>M. L. Worth</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>[Signature]</u>
FIELD SERVICE ORDER NO.	(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

# BASIC

energy services, L.P.

1st Stage

## TREATMENT REPORT

Customer Larid Oil & Gas Co.	Lease No.	Date
Lease Marshall VA	Well # 32	1-15-11
Field Order # 03169A	Station Pratt	Casing 5/2"
Type Job 5/2 - 2-Stage L.S.	Formation CNU	Depth 3711'
		County Ellis
		State Kans.
		Legal Description 36-11-18

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 5/2	Tubing Size	Shots/Ft	500 gals Superflush II	Acid	RATE	PRESS	ISIP	
Depth 3709	Depth	From	To 183'	Pre Pad Kc AAJ @ 15'	Max		5 Min.	
Volume 88 bbl	Volume	From	To	Pad	Min		10 Min.	
Max Press 1500	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection PC	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth 2688	Packer Depth	From	To	Flush H <sub>2</sub> O	Gas Volume		Total Load	

Customer Representative Dave Tansan	Station Manager Scotty	Treater Allen
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Service Units	28442	33708	20920	19826	19860	19760	19914				
Driver Names	Worth	Keenan	Lesing	Mike	McBrien	Eric	Wichit				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Notes
7:30 AM					Bottom Stage Service Log surf. # 16
					on loc. discuss safety, setup plan, etc
					Lay down Dr. 11' Pipe
9:00					Out of Hole w/ D.P. Lay down
					Rig up to Run 5/2 csg 15.5'
10:20					Start 5/2 csg shoe IT 2117
					w/ Float Shoe L.D. Baffle in collar
					cont. 3-5-8-10-14-17-20-26-29
					Basket 4-9-27 - DV @ 2692'
12:30					Pipe @ 3709. Hook up + circ w/ Rig
1:30	200#		5	5	Pump 5 Bbls H <sub>2</sub> O ahead
			12	5	Pump 12 Bbls Superflush L
			3	5	Pump 3 Bbls H <sub>2</sub> O
	300#			5	Mix + Pump 183 SKS AA-2 cent @ 15'
	0#		44		Finish mix wash out Pump Line
				5	Drop L.D. Plug + Start Disp.
2:00	400#			5	caught 1. ft @ 10 Bbls out
2:15	1500#		88	4	Plug down. Pump 24 Bbl H <sub>2</sub> O
					+ 64 Bbls mud.
	0#				Release PSI 0# OK
2:30					Drop down DV Part
2:45					Open DV + circ w/ Rig

# BASIC

energy services, L.P.

## TREATMENT REPORT

Customer: *Larson Oil & Gas Co.* Lease No. *2nd Stage* Date: *1-15-11*  
 Lease: *Marshall A* Well # *# 32*  
 Field Order # *031692* Station *Pratt* Casing *5/8* Depth *2692'* County *Fellis* State *KS*  
 Type Job *5/8 2-Stage L.S. CNW* Formation \_\_\_\_\_ Legal Description *36-11-18*

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>5/8</i>			<i>470</i>	<i>SKC A-COAL @</i>	<i>17 #9</i>			
Depth <i>2692</i>	Depth	From	To <i>20</i>	Pre Pad <i>SKS 60/40 Poz</i>	Max <i>12 H</i>			5 Min.
Volume <i>104-800</i>	Volume	From	To <i>22</i>	Pad <i>SKS 60/40 Poz</i>	Min <i>12 H</i>			10 Min.
Max Press <i>1500</i>	Max Press	From	To	Frac	Avg			15 Min.
Well Connection <i>PL</i>	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth <i>2692</i>	Packer Depth	From	To	Flush <i>0.50 H2O</i>	Gas Volume			Total Load

Customer Representative: *Dave Tensen* Station Manager: *Scotty* Treater: *Allen*

Service Units	28442	23708	20920	19826	19260	19960	19914
Driver Names	<i>Worth</i>	<i>Keenan</i>	<i>Lesley</i>	<i>Mike</i>	<i>McGowan</i>	<i>Eric</i>	<i>Wright</i>

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Notes
					<i>TOP STAGE</i>
					<i>DV @ 2692</i>
<i>3:35 AM</i>	<i>200#</i>			<i>10</i>	<i>START MIX 420 SKC</i>
			<i>18.5</i>		<i>FIN MIX CMT</i>
					<i>DROP DV CLOSING PLUG</i>
<i>4:45</i>	<i>300#</i>			<i>5</i>	<i>START DISP</i>
	<i>600#</i>				<i>LIFT PSI</i>
<i>5:00</i>	<i>2000#</i>		<i>104</i>		<i>PLUG DOWN DV CLOSED</i>
					<i>RELEASE PSI - OK</i>
					<i>PLUG RAT WORK W/ 30 SKS</i>
					<i>60/40 POZ</i>
					<i>WASHUP EQUIP</i>
					<i>RACKUP EQUIP</i>
<i>6:00</i>					<i>JOB COMPLETE</i>
					<i>CMT C.R. TO PIT</i>
					<i>THANKS</i>
					<i>Allen</i>
					<i>Keenan</i>
					<i>Eric</i>
					<i>McGowan</i>



PO BOX 31 Russell, KS 67665

# INVOICE

Invoice Number: 125866

Invoice Date: Jan 8, 2011

Page: 1

Voice: (785) 483-3887

Fax: (785) 483-5566

<b>Bill To:</b>
Lario Oil & Gas Co. P.O. Box 784 Hays, Ks 67601

*J. B. Benge*  
1-15-11

Marshall A #32  
(Surface casing)  
AFE #11-002

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Lario	Marshall A-32	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-01	Airborne Russell	Jan 8, 2011	2/7/11

Quantity	Item	Description	Unit Price	Amount
185.00	MAT	Class A Common	13.50	2,497.50
3.00	MAT	Gel	20.25	60.75
6.00	MAT	Chloride	51.50	309.00
185.00	SER	Handling	2.25	416.25
1.00	SER	Handling Mileage Charge	300.00	300.00
1.00	SER	Surface	991.00	991.00
15.00	SER	Pump Truck Mileage	7.00	105.00

*xc*

Acct:	Exptl:	FILE
RG		
RG		
RG		
PV		
OD		

JAN 19 2011

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

\$ 935.90

ONLY IF PAID ON OR BEFORE  
Feb. 2, 2011

Subtotal	4,679.50
Sales Tax	
Total Invoice Amount	4,679.50
Payment/Credit Applied	
<b>TOTAL</b>	<b>4,679.50</b>



# ALLIED CEMENTING CO., LLC. 034067

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

SERVICE POINT:  
Russell

DATE <u>1-8-14</u>	SEC. <u>36</u>	TWP. <u>11</u>	RANGE <u>28</u>	CALLED OUT	ON LOCATION	JOB START <u>12:30 P.M.</u>	JOB FINISH <u>1:00 P.M.</u>
LEASE <u>Marshall</u>		WELL # <u>A #32</u>		LOCATION <u>Hays N. Dukey Rd.</u>		COUNTY <u>Ellis</u>	STATE <u>Ks.</u>
OLD OR <input checked="" type="radio"/> NEW (Circle one)				<u>1 E N to Open Range 1 N E into</u>			

CONTRACTOR Murdin Drilling Rig #16

TYPE OF JOB Surface Job

HOLE SIZE 12 1/4 T.D. 290'

CASING SIZE 8 7/8 DEPTH 289 6 1/2

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 17,496 bbl

EQUIPMENT

OWNER \_\_\_\_\_

CEMENT AMOUNT ORDERED 185 Can 3 1/2 cc 226

PUMP TRUCK CEMENTER Shane, Heath

# 417 HELPER Ron B.

BULK TRUCK # 378 DRIVER Mark R.

BULK TRUCK # DRIVER

COMMON	<u>185</u>	@	<u>13.50</u>	<u>2492.50</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>20.25</u>	<u>60.75</u>
CHLORIDE	<u>6</u>	@	<u>51.50</u>	<u>309.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>185</u>	@	<u>2.25</u>	<u>416.25</u>
MILEAGE	<u>16.76/mile</u>			<u>300.00</u>
TOTAL				<u>3588.50</u>

REMARKS:

Ron 7 1/2" + Conding Jt.

Est Circulation

Mixed 185 lbs

Cement Circulated

SERVICE

DEPTH OF JOB \_\_\_\_\_

PUMP TRUCK CHARGE 99.00

EXTRA FOOTAGE @ \_\_\_\_\_

MILEAGE 15 @ 7.00 105.00

MANIFOLD @ \_\_\_\_\_

@ \_\_\_\_\_

@ \_\_\_\_\_

CHARGE TO: Carrio Oil & Gas

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

TOTAL 1098.00

PLUG & FLOAT EQUIPMENT

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

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.

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES ~~3588.50~~ \_\_\_\_\_

DISCOUNT ~~20%~~ \_\_\_\_\_ IF PAID IN 30 DAYS

PRINTED NAME AFD

SIGNATURE Ang Jihl

Thanks!



**TRIOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Lario  
301 S. Market St.  
Wichita, Ks  
67202  
ATTN: Tim Lauer

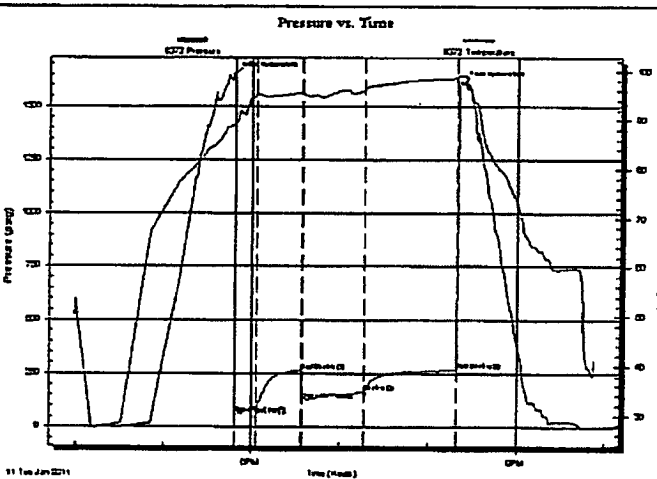
Marshall A #32  
36-11-18/Ellis  
Job Ticket: 41412      DST#: 1  
Test Start: 2011.01.11 @ 15:59:09

## GENERAL INFORMATION:

Formation: LKC "A-B"  
Deviated: No Whipstock      ft (KB)  
Time Tool Opened: 17:49:08  
Time Test Ended: 21:52:38  
Interval: 3317.00 ft (KB) To 3375.00 ft (KB) (TVD)  
Total Depth: 3375.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches  
Hole Condition:  
Test Type: Conventional Bottom Hole  
Tester: Brian Fairbank  
Unit No: 41  
Reference Elevations: 2108.00 ft (KB)  
2103.00 ft (CF)  
KB to GR/CF: 5.00 ft

Serial #: 8372      Inside  
Press@RunDepth: 166.66 psig @ 3324.00 ft (KB)  
Start Date: 2011.01.11      End Date: 2011.01.11  
Start Time: 15:59:09      End Time: 21:52:38  
Capacity: 8000.00 psig  
Last Calib.: 2011.01.11  
Time On Blrm: 2011.01.11 @ 17:48:08  
Time Off Blrm: 2011.01.11 @ 20:22:38

TEST COMMENT: IFP - BOB 2 min  
ISI - no blow back  
FFP - BOB 1 1/2 min  
FSI - 1" blow back - died 11 min



## PRESSURE SUMMARY

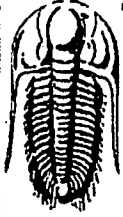
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1649.82	89.10	Initial Hydro-static
1	60.62	88.67	Open To Flow (1)
16	92.54	95.08	Shut-in(1)
46	265.39	95.44	End Shut-in(1)
47	125.93	95.60	Open To Flow (2)
89	166.66	96.17	Shut-in(2)
152	267.03	98.56	End Shut-in(2)
155	1607.18	98.97	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
105.00	GW & MCO 20%G, 45%O, 25%W, 10%M1.20	
75.00	GO & WCM 40%G, 10%O, 10%W, 40%M1.05	
45.00	MUD 100%	0.63
0.00	480' GP	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Lario  
301 S. Market St.  
Wichita, Ks  
67202  
ATTN: Tim Lauer

Marshall A #32  
36-11-18/Ellis  
Job Ticket: 41412      DST#: 1  
Test Start: 2011.01.11 @ 15:59:09

**Mud and Cushion Information**

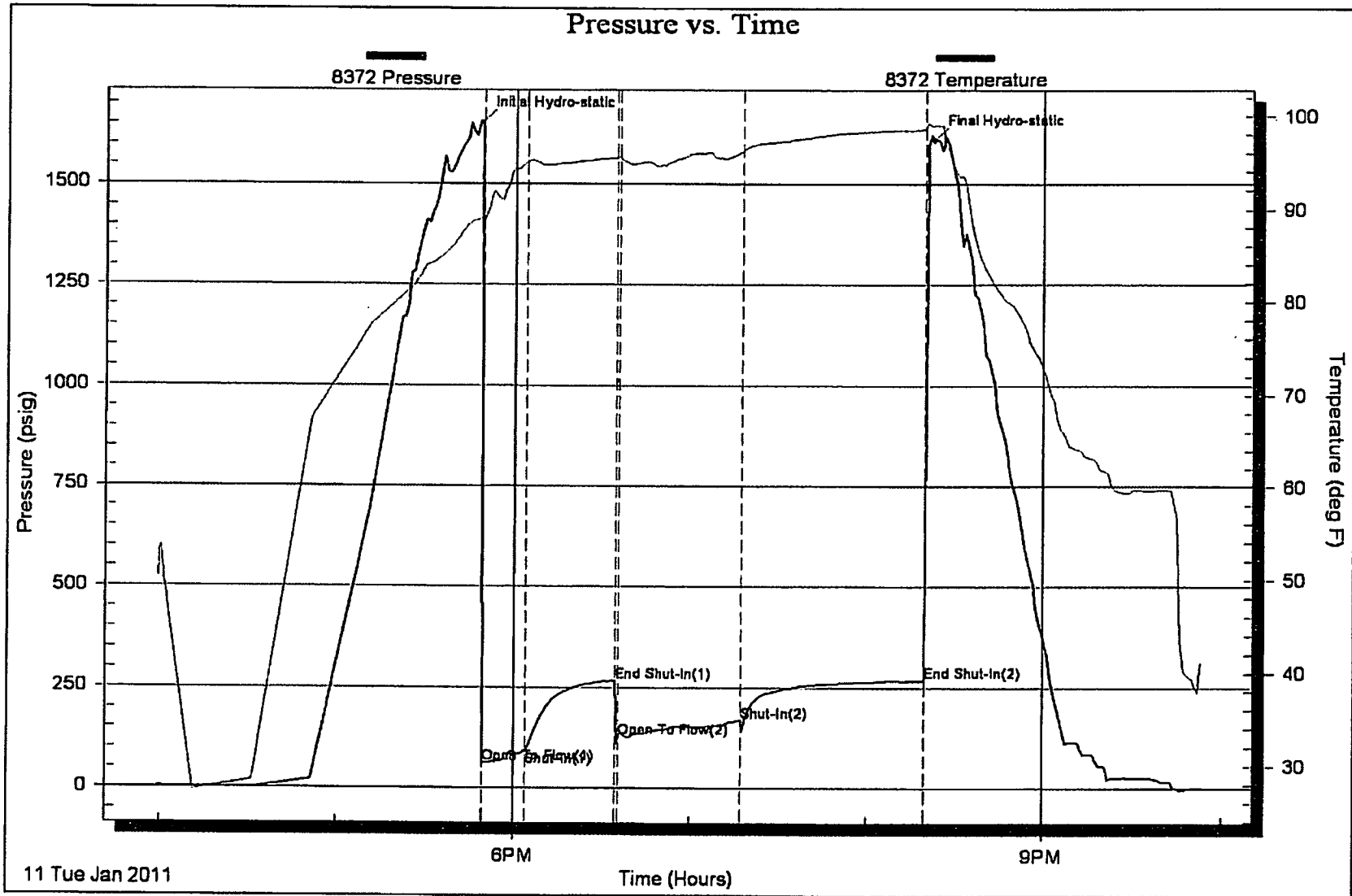
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	75000 ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.20 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2300.00 ppm			
Filter Cake: inches			

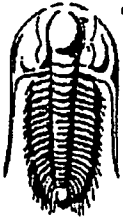
**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
105.00	GW & MCO 20%G, 45%O, 25%W, 10%M	1.200
75.00	GO & WCM 40%G, 10%O, 10%W, 40%M	1.052
45.00	MUD 100%	0.631
0.00	480' GP	0.000

Total Length: 225.00 ft      Total Volume: 2.883 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:





**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

Lario  
301 S. Market St.  
Wichita, Ks  
67202  
ATTN: Tim Lauer

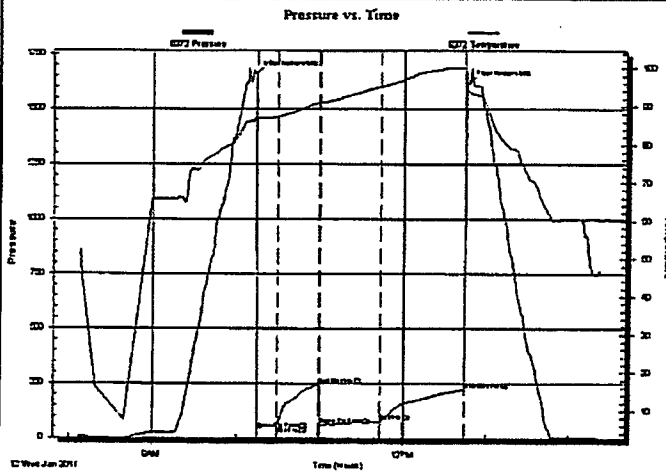
Marshall A #32  
36-11-18/Ellis  
Job Ticket: 41413      DST#: 2  
Test Start: 2011.01.12 @ 08:07:32

### GENERAL INFORMATION:

Formation: LKC "C-G"  
Deviated: No Whipstock      ft (KB)  
Time Tool Opened: 10:14:31  
Time Test Ended: 14:21:31  
Test Type: Conventional Bottom Hole  
Tester: Brian Fairbank  
Unit No: 41  
Interval: 3375.00 ft (KB) To 3450.00 ft (KB) (TVD)  
Reference Elevations: 2108.00 ft (KB)  
Total Depth: 3450.00 ft (KB) (TVD)      2103.00 ft (CF)  
Hole Diameter: 7.88 inches      Hole Condition: KB to GR/CF: 5.00 ft

Serial #: 8372      Inside  
Press@RunDepth: 75.15 psig @ 3378.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2011.01.12      End Date: 2011.01.12      Last Calib.: 2011.01.12  
Start Time: 08:07:32      End Time: 14:21:31      Time On Bltn: 2011.01.12 @ 10:13:31  
Time Off Bltn: 2011.01.12 @ 12:47:01

TEST COMMENT: IFP - weak to fair blow  
ISI - sur blow back throughout  
FFP - weak to good blow 1/2" - 9"  
FSI - sur blow back throughout



### PRESSURE SUMMARY

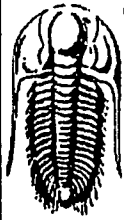
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1658.29	87.00	Initial Hydro-static
1	38.12	86.55	Open To Flow (1)
16	55.24	87.20	Shut-in(1)
46	241.64	90.92	End Shut-in(1)
47	57.69	90.89	Open To Flow (2)
91	75.15	95.04	Shut-in(2)
151	220.05	100.12	End Shut-in(2)
154	1615.79	93.92	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
80.00	MUD 100%	0.85
10.00	FREE OIL 95%O, 5%M	0.14
0.00	60' GP	0.00

### Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Lario  
301 S. Market St.  
Wichita, Ks  
67202  
ATTN: Tim Lauer

**Marshall A #32**  
**36-11-18/Ellis**  
Job Ticket: 41413      DST#: 2  
Test Start: 2011.01.12 @ 08:07:32

**Mud and Cushion Information**

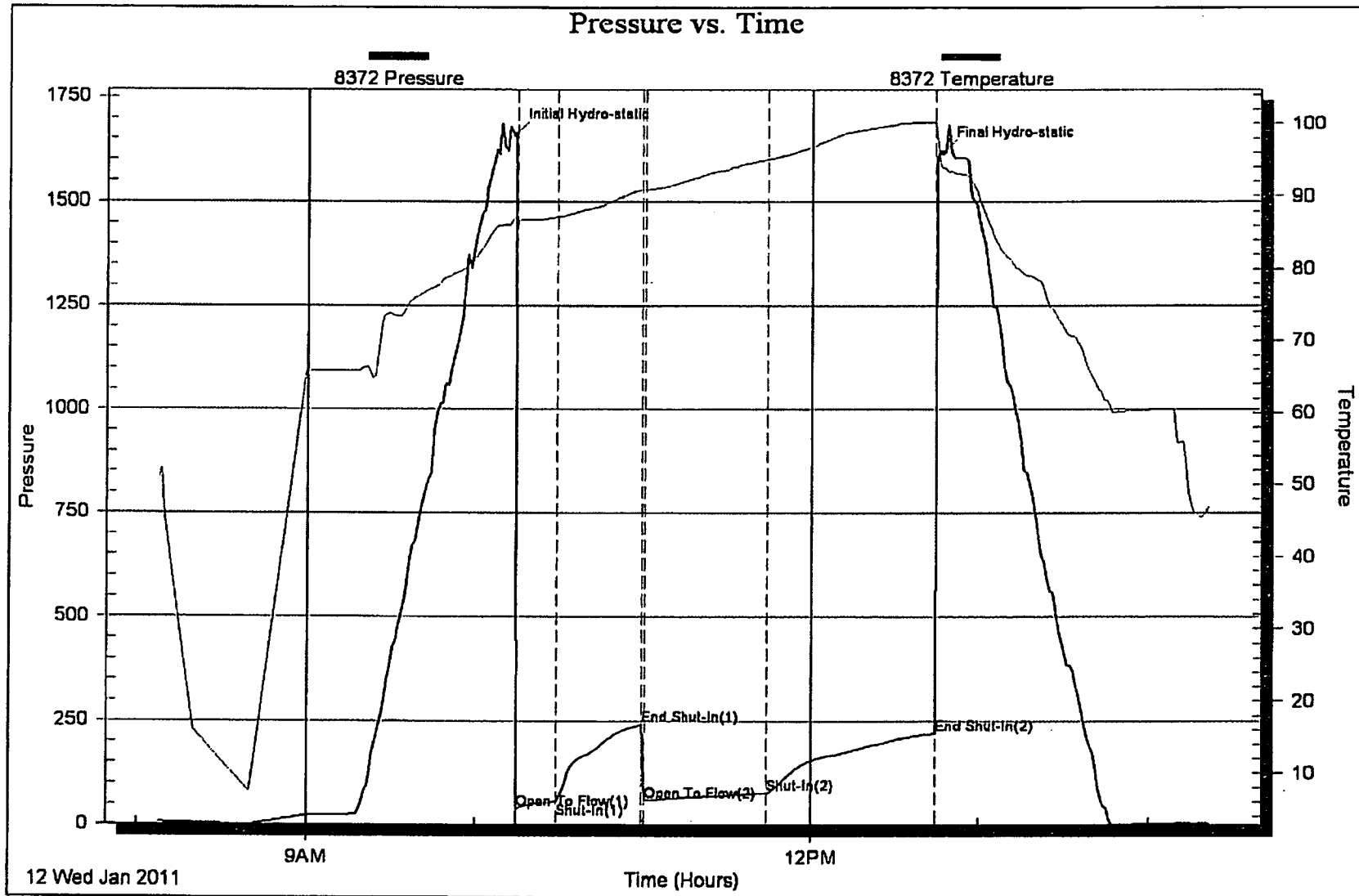
Mud Type: Gel Chem	Cushion Type:	Oil API: 43 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.17 in <sup>2</sup>	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 2300.00 ppm		
Filter Cake: inches		

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
80.00	MUD 100%	0.849
10.00	FREE OIL 95%O, 5%M	0.140
0.00	60' GIP	0.000

Total Length: 90.00 ft      Total Volume: 0.989 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Lario  
301 S. Market St.  
Wichita, Ks  
67202  
ATTN: Tim Lauer

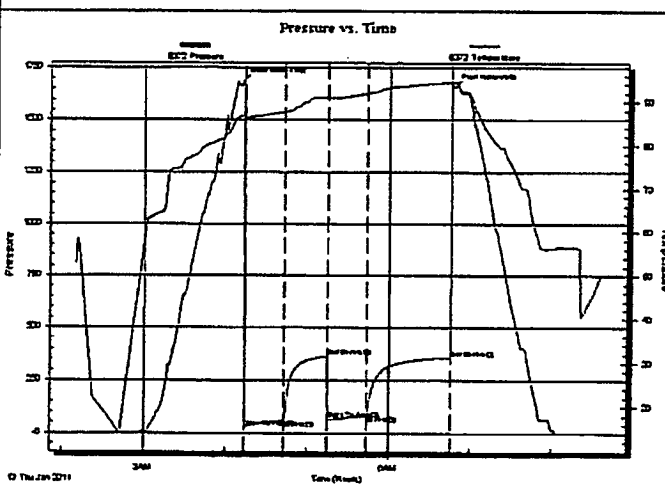
Marshall A #32  
36-11-18/Ellis  
Job Ticket: 41414      DST#: 3  
Test Start: 2011.01.13 @ 02:10:18

## GENERAL INFORMATION:

Formation: LKC "H-K"  
 Deviated: No Whipstock      ft (KB)  
 Test Type: Conventional Bottom Hole  
 Time Tool Opened: 04:14:17      Tester: Brian Fairbank  
 Time Test Ended: 08:35:47      Unit No: 41  
 Interval: 3450.00 ft (KB) To 3560.00 ft (KB) (TVD)      Reference Elevations: 2108.00 ft (KB)  
 Total Depth: 3560.00 ft (KB) (TVD)      2103.00 ft (CF)  
 Hole Diameter: 7.88 inches      Hole Condition: KB to GR/CF: 5.00 ft

Serial #: 8372      Inside  
 Press@RunDepth: 80.93 psig @ 3456.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2011.01.13      End Date: 2011.01.13      Last Calib.: 2011.01.13  
 Start Time: 02:10:18      End Time: 08:35:47      Time On Btrr: 2011.01.13 @ 04:13:17  
 Time Off Btrr: 2011.01.13 @ 06:47:47

TEST COMMENT: FFP - sur blow - died 4 min  
 ISI - no blow back  
 FFP - no blow  
 FSI - no blow back

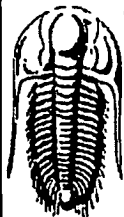


PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1685.72	86.69	Initial Hydro-static
1	27.33	85.69	Open To Flow (1)
30	60.32	87.66	Shut-In(1)
62	362.24	90.95	End Shut-in(1)
63	65.69	90.87	Open To Flow (2)
91	80.93	91.86	Shut-in(2)
152	357.38	94.53	End Shut-in(2)
155	1658.28	94.43	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
129.00	mud 100%	1.54
1.00	free oil TSTM	0.01

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Lario  
301 S. Market St.  
Wichita, Ks  
67202  
ATTN: Tim Lauer

Marshall A #32  
36-11-18/Ellis  
Job Ticket: 41414      DST#: 3  
Test Start: 2011.01.13 @ 02:10:18

## 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: 6.79 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3800.00 ppm			
Filter Cake: inches			

## Recovery Information

Recovery Table

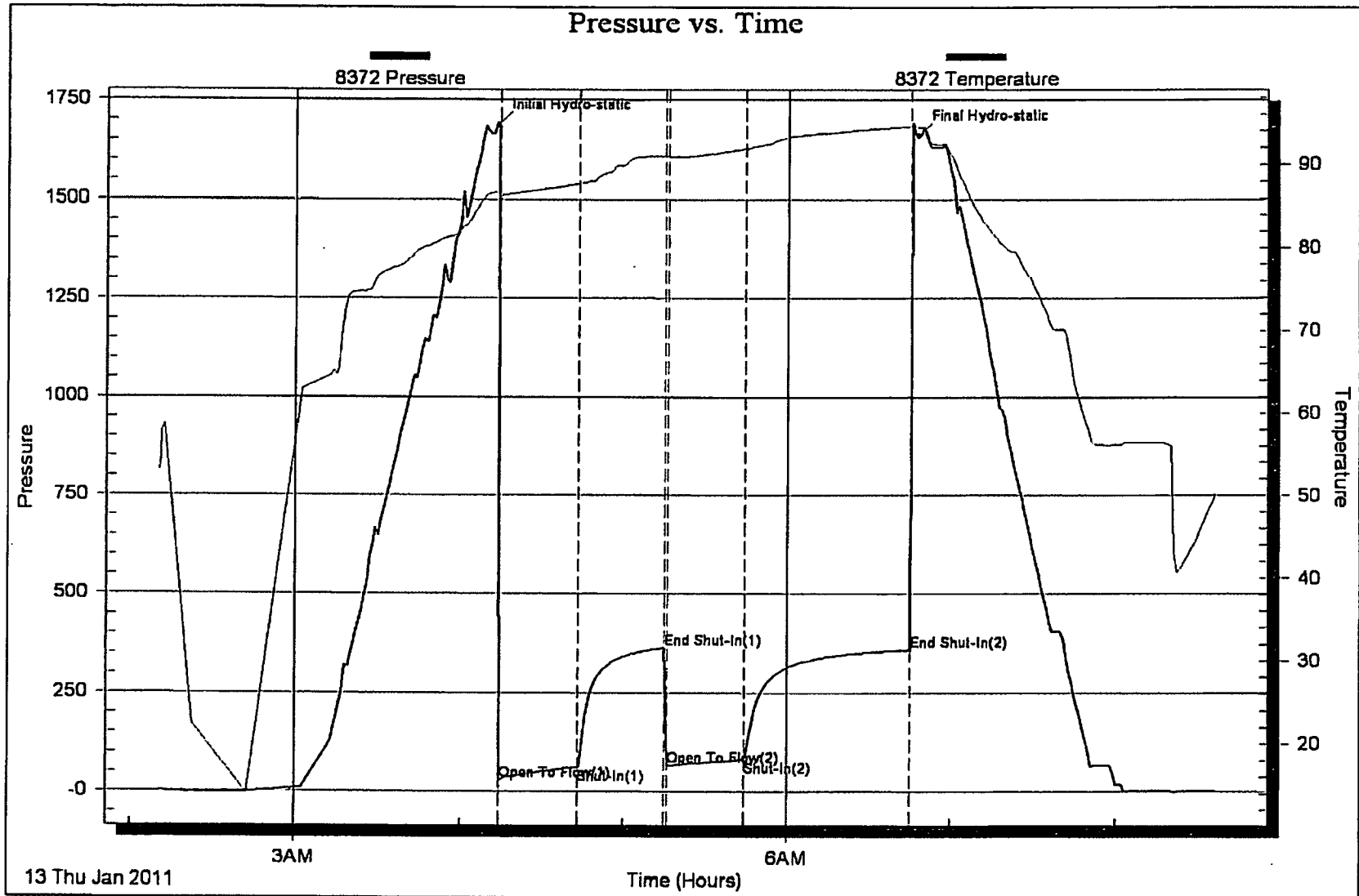
Length ft	Description	Volume bbl
129.00	mud 100%	1.536
1.00	free oil TSTM	0.014

Total Length: 130.00 ft      Total Volume: 1.550 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:





**TRIOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

Lario  
301 S. Market St.  
Wichita, KS  
67202  
ATTN: Tim Lauer

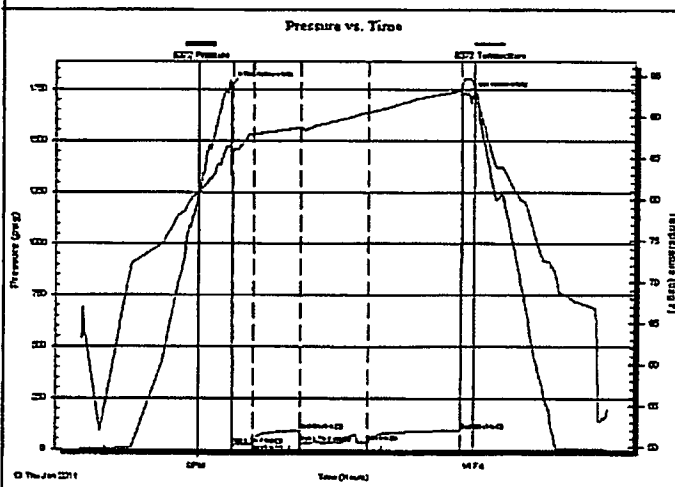
Marshall A #32  
36-11-18/Elis  
Job Ticket: 41415      DST#: 4  
Test Start: 2011.01.13 @ 19:44:35

### GENERAL INFORMATION:

Formation: **Arbuckle**  
 Deviated: **No Whipstock**      ft (KB)  
 Test Type: **Conventional Bottom Hole**  
 Time Tool Opened: **21:22:04**  
 Tester: **Brian Fairbank**  
 Time Test Ended: **01:27:04**  
 Unit No: **41**  
 Interval: **3581.00 ft (KB) To 3626.00 ft (KB) (TVD)**  
 Reference Elevations: **2108.00 ft (KB)**  
 Total Depth: **3626.00 ft (KB) (TVD)**  
**2103.00 ft (CF)**  
 Hole Diameter: **7.88 inches** Hole Condition: **KB to GR/CF: 5.00 ft**

Serial #: **8372**      Inside  
 Press@RunDepth: **34.27 psig @ 3585.00 ft (KB)**      Capacity: **8000.00 psig**  
 Start Date: **2011.01.13**      End Date: **2011.01.14**      Last Calib.: **2011.01.14**  
 Start Time: **19:44:35**      End Time: **01:27:04**      Time On Blrm: **2011.01.13 @ 21:21:04**  
 Time Off Blrm: **2011.01.13 @ 23:54:34**

TEST COMMENT: IFP - weak blow throughout 1/2" - 2"  
 ISI - no blow back 10 min - sur blow back  
 FFP - weak blow throughout 1/4" - 1 1/2"  
 FSI - no blow back



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1768.07	86.43	Initial Hydro-static
1	22.58	85.37	Open To Flow (1)
15	27.68	87.85	Shut-In(1)
46	94.16	88.65	End Shut-In(1)
46	29.75	88.64	Open To Flow (2)
90	34.27	90.43	Shut-In(2)
151	92.65	93.09	End Shut-In(2)
154	1723.33	94.60	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
39.00	MUD 100%	0.27
1.00	HOCM 35%O, 65%M	0.01

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Lario **Marshall A #32**  
 301 S. Market St. **36-11-18/Ellis**  
 Wichita, Ks **Job Ticket: 41415** **DST#: 4**  
 67202 **Test Start: 2011.01.13 @ 19:44:35**  
 ATTN: Tim Lauer

**Mud and Cushion Information**

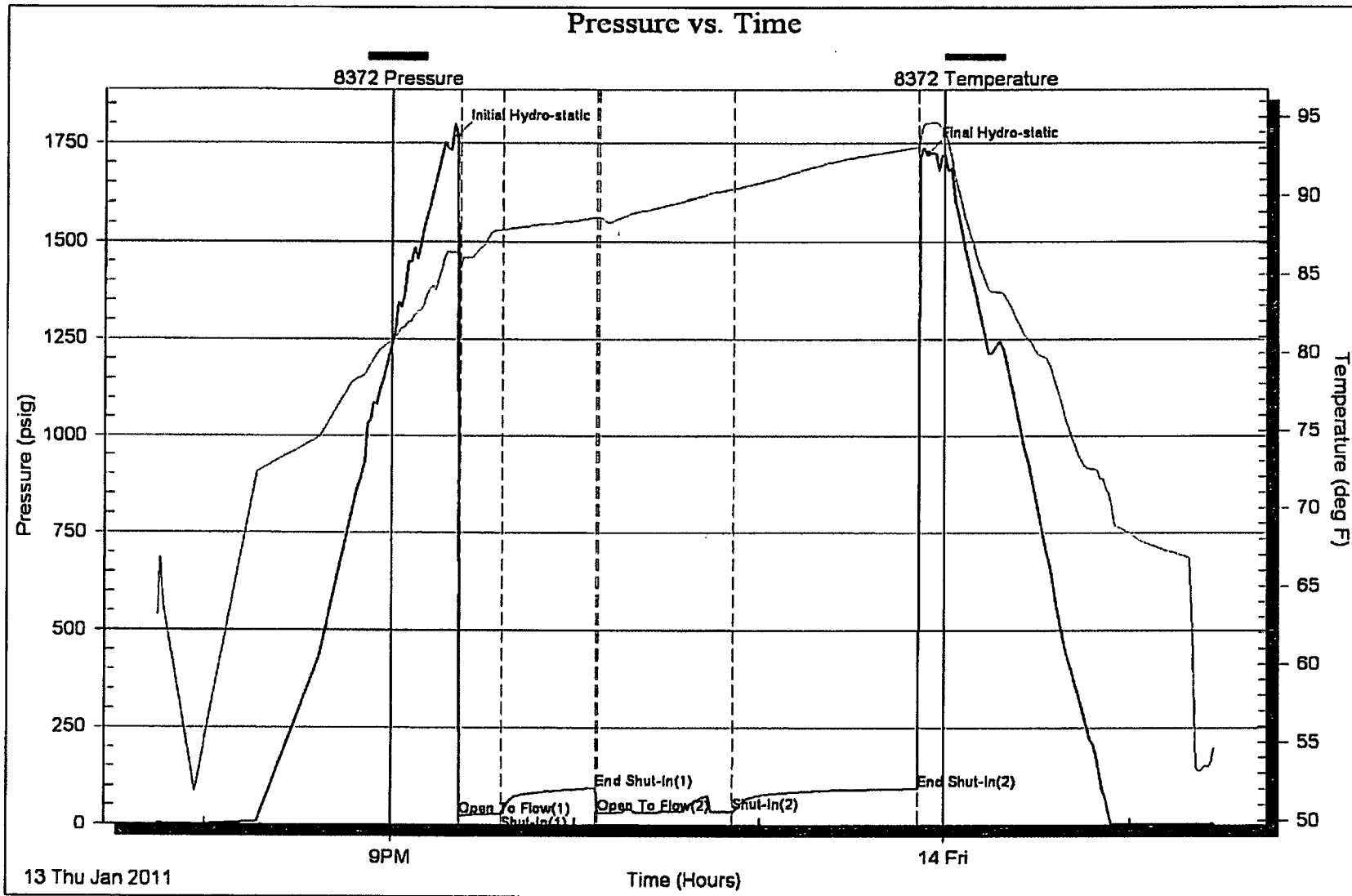
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 49.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.17 in <sup>2</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 6000.00 ppm			
Filter Cake: inches			

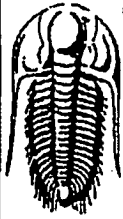
**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
39.00	MUD 100%	0.274
1.00	HOCM 35%O, 65%M	0.014

Total Length: 40.00 ft      Total Volume: 0.288 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Lario  
301 S. Market St.  
Wichita, Ks  
67202  
ATTN: Tim Lauer

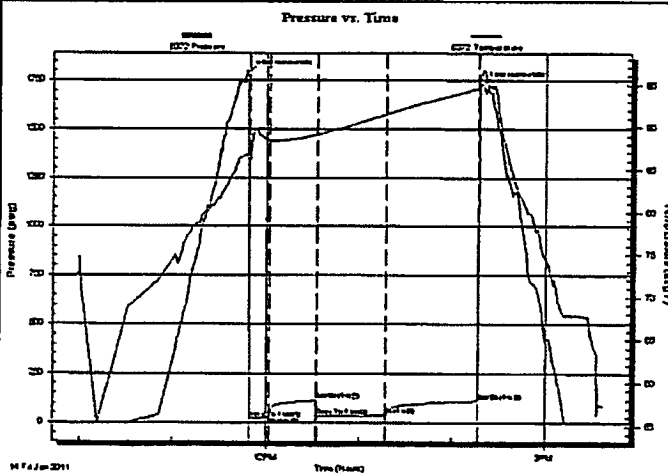
Marshall A #32  
36-11-18/Ellis  
Job Ticket: 41416      DST#: 5  
Test Start: 2011.01.14 @ 09:58:53

## GENERAL INFORMATION:

Formation: Arbuckle #2  
Deviated: No Whipstock      ft (KB)  
Time Tool Opened: 11:49:22  
Time Test Ended: 15:37:22  
Interval: 3626.00 ft (KB) To 3638.00 ft (KB) (TVD)  
Total Depth: 3638.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition:  
Test Type: Conventional Bottom Hole  
Tester: Brian Fairbank  
Unit No: 41  
Reference Elevations: 2108.00 ft (KB)  
2103.00 ft (CF)  
KB to GR/CF: 5.00 ft

Serial #: 8372      Inside  
Press@RunDepth: 36.79 psig @ 3630.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2011.01.14      End Date: 2011.01.14      Last Calib.: 2011.01.14  
Start Time: 09:58:53      End Time: 15:37:22      Time On Btm: 2011.01.14 @ 11:48:22  
Time Off Btm: 2011.01.14 @ 14:18:52

TEST COMMENT: IFP - weak blow throughout 1/4" - 2"  
ISI - no blow back 13 min - sur blow back  
FFP - weak blow throughout sur - 2 1/2"  
FSI - no blow back 14 min - weak sur blow back - died 31 min



## PRESSURE SUMMARY

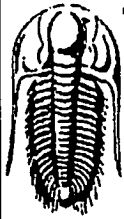
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1789.16	86.62	Initial Hydro-static
1	21.22	85.57	Open To Flow (1)
14	28.25	88.47	Shut-in(1)
44	111.45	89.16	End Shut-in(1)
45	31.93	89.15	Open To Flow (2)
89	36.79	91.54	Shut-in(2)
149	110.76	94.60	End Shut-in(2)
151	1726.02	96.48	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
3.00	MUD 100%	0.01
40.00	MW 80%W, 20%M	0.32
2.00	M & WCO 45%O, 40%W, 15%M	0.03

## Gas Rates

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



**TRILOBITE**  
TESTING, INC

# DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Marshall A #32  
 301 S. Market St. 36-11-18/Ellis  
 Wichita, Ks Job Ticket: 41416 DST#: 5  
 67202 Test Start: 2011.01.14 @ 09:58:53  
 ATTN: Tim Lauer

## 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:	48000 ppm
Viscosity: 49.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.17 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 6000.00 ppm			
Filter Cake: inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	MUD 100%	0.015
40.00	MW 80%W, 20%M	0.315
2.00	M & WCO 45%O, 40%W, 15%M	0.028

Total Length: 45.00 ft      Total Volume: 0.358 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

