



**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
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- 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

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total 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**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1049875

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ 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 <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR. \_\_\_\_\_ Producing Method:  
 Flowing    Pumping    Gas Lift    Other (Explain) \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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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/>

Thomas E. Wright, Chairman  
Ward Loyd, Commissioner

Corporation Commission

Sam Brownback, Governor

April 14, 2011

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

Re: ACO1  
API 15-051-26074-00-00  
Marshall A 33  
SW/4 Sec.31-11S-17W  
Ellis 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



PAGE 1 of 1	CUST NO 1002301	INVOICE DATE 01/27/2011
INVOICE NUMBER <b>1718 - 90511126</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 Marshall A 33  
 O LOCATION AFE #11-003  
 B COUNTY Ellis  
 S STATE KS  
 I JOB DESCRIPTION Cement-New Well Casing/Pi  
 T JOB CONTACT Jim Bally  
 E 2-4-11

JOB # 40278419	EQUIPMENT # 19905	PURCHASE ORDER NO.	TERMS Net - 30 days	DUE DATE 02/26/2011
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*For Service Dates: 01/25/2011 to 01/25/2011*

0040278419

171803179A Cement-New Well Casing/Pi 01/25/2011  
 5 1/2" 2 Stage Longstring

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
AA2 Cement	185.00	EA	12.24	2,264.40 T
A-Con Blend Common	480.00	EA	12.96	6,220.79 T
Salt	1,013.00	EA	0.36	364.68 T
FLA-322	87.00	EA	5.40	469.80 T
C-41P	44.00	EA	2.88	126.72 T
Celloflake	167.00	EA	2.66	444.89 T
Calcium Chloride	1,356.00	EA	0.76	1,025.14 T
Auto Fill Float Shoe 5 1/2" (Red)	1.00	EA	345.60	345.60
5 1/2" Basket (Blue)	5.00	EA	208.80	1,044.00
5 1/2" Latch Down Plug & Assembly (Red)	1.00	EA	612.00	612.00
Turbolizer 5 1/2" (Blue)	9.00	EA	79.20	712.80
Two Stage Cement Collar 5 1/2" (Red)	1.00	EA	4,392.00	4,392.00
Industrial Rubber Thread Lock Kit	1.00	EA	24.48	24.48
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	665.00	MI	1.01	670.32
Proppant and Bulk Delivery Charges	3,130.00	MI	1.15	3,605.76
Depth Charge; 3001-4000'	1.00	HR	1,555.20	1,555.20
Additional Stage Charge	1.00	HR	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

			OK TO PAY		
Accl	Expl	File			
GC					
KG			FEB - 7 2011		
HY					
PV					
OD	KB	SV	SF	DM	

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	28,108.58
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	722.43
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	28,831.01
DALLAS, TX 75284-1903	MIDLAND, TX 79702		

1st Stage

Customer LINDO O L 4625 Co	Lease No.	Date
Lease Marshall A	Well # #33	1-25-11
Field Order # 25179A	Station Pratt # KX	Casing 5 7/8
		Depth 3637'
Type Job 5/15 2 Stage L.S.	Formation COW	County Ellis
		State KS
		Legal Description 21-11-17

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size 5 7/8	Tubing Size 3 1/2	Shots/Ft 500	Acid Superflush II	RATE	PRESS	ISIP	
Depth 3637'	Depth	From	To	Max		5 Min.	
Volume	Volume	From	To	Min		10 Min.	
Max Press 1300	Max Press	From	To	Avg		15 Min.	
Well Connection 9.2	Annulus Vol.	From	To	HHP Used		Annulus Pressure	
Plug Depth 2616'	Packer Depth	From	To	Flush D. Sp. water imp	Gas Volume	Total Load	

Customer Representative Derek Johnson	Station Manager SLOTT	Treater Allen
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Service Units	22043	19903	19905	19959	21012	15826	17860
Driver Names	W. Smith	K. Jones	L. Davis	L. Green	W. Brown	M. R. King	M. G. White

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Notes
8:30 AM					Bottom Stage Service Log Mark #16
					run loc. Disc. Seal, set of Plug Set
					Laying down Dr. H Pipe
11:05					out of Hole w/ Pipe Laid down Kelly
					Rig up to Run 5 7/8 csg. 15.5'
12:16 PM					Start 5 7/8 csg. Shoe JT. 21.38'
					w/ float shoe & L.D. Baffle in collar
					Coast. 2-6-9-11-15-18-21-26-28
					Bucket-3-7-27-43-55-NU-27-2696'
2:00					Pressure 3637 Hookup & CIR
3:00	300#		12	5	Start pump 13 Bbls Superflush II
			5	5	Run 5 Bbls H <sub>2</sub> O SPACER
				5	mix & Pump 185 SKs AND-10 15'
			47		Finish mix cement washout Pump line
	200'			7	Drop Plug & Start Disp
	400#			6	caught L. H PST 62 Bbls out
3:45	1300		36	4	Plug shown
	off				Release PST OK
3:50					Drop DV opening Dart.
4:05	1000				open DV - Good CIR
4:10					CIR w/ Rig.

2nd Stage

Customer LARIO O.L.G. GAS Co.	Lease No.	Date 1-25-11
Lease Marshall A	Well # H33	
Field Order # 03179A	Station Pratt KS	Casing 5 7/8
Type Job 2nd Stage LIS	Formation C.M.W.	Depth 2696
		County Ellis
		State KS
		Legal Description 31-11-17

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 5 7/8	Tubing Size 3 1/2	Shots/Ft 4303	Acid A-Cone Blend @ 12# / gal	RATE 4303 K	PRESS A-Cone	ISIP 5 Min.		
Depth 2696	Depth 312	From P14	To Pre Pad	Max 200 SKS	Min A-Cone	10 Min.		
Volume 104 BB	Volume	From	To	Pad		15 Min.		
Max Press 1520	Max Press	From	To	Frac				
Well Connection PC	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth 2696	Packer Depth	From	To	Flush D.O. H2O		Gas Volume		Total Load

Customer Representative Dave Jensen	Station Manager Scott Hy	Treater William F. Worth
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Service Units	19903	19902	19901	19959	21010	19226	19860			
Driver Names	Wade Jensen	Lucas	Walter	Mike	McBride					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
445	300#			PV @ 2696'	Start mix 4303 Ks A-Cone @ 12#
			190	5	Finish mix
530	300#			5	Release Plug Start Disp.
550	1400#		64	4	Plug down
	0#				Release PSI 0" OK
					Plug Ret Hold w/30 SKS
					Washup Equip.
700					Job complete.
					cut circ to P.I.

Mike Jensen  
William F. Worth



**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 03179 A

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

DATE OF JOB <u>1-25-2011</u> DISTRICT <u>PRATT, Ks.</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 OIL &amp; GAS</u>		LEASE <u>MARSHALL 'A'</u> WELL NO. <u>33</u>							
ADDRESS		COUNTY <u>ELLIS-33-11-17</u> STATE <u>Ks.</u>							
CITY STATE		SERVICE CREW <u>WERTH, LESLEY, McGUIRE, LUISER</u>							
AUTHORIZED BY		JOB TYPE: <u>5 1/2" 2-Stage C.S. CW</u>							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM/PM	TIME
<u>22443</u>	<u>4</u>						<u>1-24-11</u>		<u>5:30</u>
<u>19903/19905</u>	<u>4</u>					ARRIVED AT JOB	<u>5</u>	AM/PM	<u>8:30</u>
<u>19959/21010</u>	<u>4</u>					START OPERATION	<u>1-25-11</u>	AM/PM	<u>7:00</u>
<u>198216/19860</u>	<u>4</u>					FINISH OPERATION	<u>1-25-11</u>	AM/PM	<u>6:00</u>
						RELEASED	<u>1-25-11</u>	AM/PM	<u>7:00</u>
						MILES FROM STATION TO WELL			<u>100</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
CP 105	AA 2 CEMENT	SK	185		3,145.00
CP 101	A-CON BLEND	SK	430		3,140.00
CC 111	SALT	lb	1013		506.50
CC 129	FLA-322	lb	27		1052.50
CC 105	C-41P	lb	44		176.00
CC 109	CALCIUM CHLORIDE	lb	1356		1,423.80
CC 102	CELL-FLARE	lb	1107		1617.90
CF 1201	AUTO FILL FLOAT SHADE, 5 1/2" (RED)	EA	1		480.00
CF 1901	BASKET, 5 1/2"	EA	5		1,450.00
CF 1001	LATCH DOWN PLUG & ASSEMBLY, 5 1/2" (RED)	EA	1		850.00
CF 651	TURBOLIZER 5 1/2"	EA	9		990.00
CF 401	TWO STAGE CEMENT COLLAR, 5 1/2" (RED)	EA	1		6,100.00
CF 3000	T.R. THREAD LOCK KIT	EA	1		34.00
CC 155	SUPER FLOSH II	BAL	500		765.00

SUB TOTAL  
DLS

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	% TAX ON \$
MATERIALS	% TAX ON \$
TOTAL	

SERVICE REPRESENTATIVE <u>Alan W. Wirth</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>David [Signature]</u>
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(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.







**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 # 239207

Invoice Date: 01/19/2011 Terms: 0/0/30,n/30

Page 1

LARIO OIL & GAS  
301 S. MARKET ST.  
WICHITA KS 67202  
(316)265-5611

MARSHALL A-33  
27970  
31-11-17  
1-17-11

Part Number	Description	Qty	Unit Price	Total
1104S	CLASS "A" CEMENT (SALE)	165.00	16.0000	2640.00
1102	CALCIUM CHLORIDE (50#)	465.00	.8800	409.20
1118B	PREMIUM GEL / BENTONITE	330.00	.2000	66.00

Sublet Performed	Description	Total
9999-100	CASH DISCOUNT	-1156.30

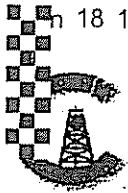
Description	Hours	Unit Price	Total
463 CEMENT PUMP (SURFACE)	1.00	985.00	985.00
463 EQUIPMENT MILEAGE (ONE WAY)	30.00	4.50	135.00
558 MIN. BULK DELIVERY	1.00	390.00	390.00

*BOB AFE 11-003*

			OK TO PAY		
Acct	Expl	File			
GC					DE
KG	JAN 21 2011				MM
HY					DM
PV	IS	KF	GV	SF	DM
OD					

Parts:	3115.20	Freight:	.00	Tax:	196.26	AR	3665.16
Labor:	.00	Misc:	.00	Total:	3665.16		
Sublt:	-1156.30	Supplies:	.00	Change:	.00		

Signed \_\_\_\_\_ Date \_\_\_\_\_



**CONSOLIDATED**  
Oil Well Services, LLC

TICKET NUMBER 27970  
LOCATION Oakley KS  
FOREMAN Pat Hessler

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

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1-17-11	4793	Marshall A-33	31	113	17 <sup>0</sup>	Ellis
CUSTOMER <u>Lario Oil + Gas</u>			TRUCK #			
MAILING ADDRESS			DRIVER		TRUCK #	
CITY			DRIVER		TRUCK #	
STATE			DRIVER		TRUCK #	
ZIP CODE			DRIVER		TRUCK #	

JOB TYPE Surface-0 HOLE SIZE 12 1/4 HOLE DEPTH 278' CASING SIZE & WEIGHT 8 7/8-23#  
 CASING DEPTH 277' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 15'-20'  
 DISPLACEMENT 16 1/2 DISPLACEMENT PSI 150# MIX PSI 150# RATE 5 BPM

REMARKS: Safety Meeting, Rig up to casing to Circ. 1  
Mix 16 1/2 SKS COM, 3% ACC - 2% CAL, Displace 16 1/2 BBL H2O.  
Shot in  
Cement Did Circ

*Thank You*  
~~Pat Hessler~~  
Pat Hessler

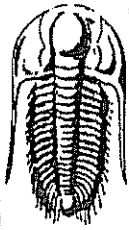
ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54019	1	PUMP CHARGE	985.00	985.00
5406	30	MILEAGE	4.50	135.00
11045	165	<del>165</del> Class A Cement	16.00	2640.00
1102	465 #	Calcium Chloride	1.88	409.20
1118 B	330 #	Bentonite	1.20	660.00
5407	8.23	Top Mileage Delivery	1.50	390.00
<u>Subtotal</u>				<u>4625.20</u>
<u>less 25% Disc</u>				<u>- 1156.30</u>
<u>SALES TAX</u>				<u>196.26</u>
<u>ESTIMATED TOTAL</u>				<u>3665.16</u>

239207

Ravin 3737

AUTHORIZATION Aug. J. [Signature] TITLE T.P. DATE 1-17-11

I acknowledge 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 for



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Lario Oil&Gas Oil Company

**Marshall A #1-33**

301 S. Market St.  
Wichita Ks 67601-3805

**31-11s-17w Ellis**

Job Ticket: 41670

**DST#: 1**

ATTN: Jay Schweikert

Test Start: 2011.01.21 @ 10:27:34

## GENERAL INFORMATION:

Formation: **Toronto- LKC "A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:28:29

Time Test Ended: 16:13:28

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 42

Interval: **3304.00 ft (KB) To 3375.00 ft (KB) (TVD)**

Total Depth: 3375.00 ft (KB) (TVD)

Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 2134.00 ft (KB)

2129.00 ft (CF)

KB to GR/CF: 5.00 ft

## Serial #: 6625

Inside

Press@RunDepth: 45.36 psig @ 3309.00 ft (KB)

Start Date: 2011.01.21

Start Time: 10:27:34

End Date: 2011.01.21

End Time: 16:13:28

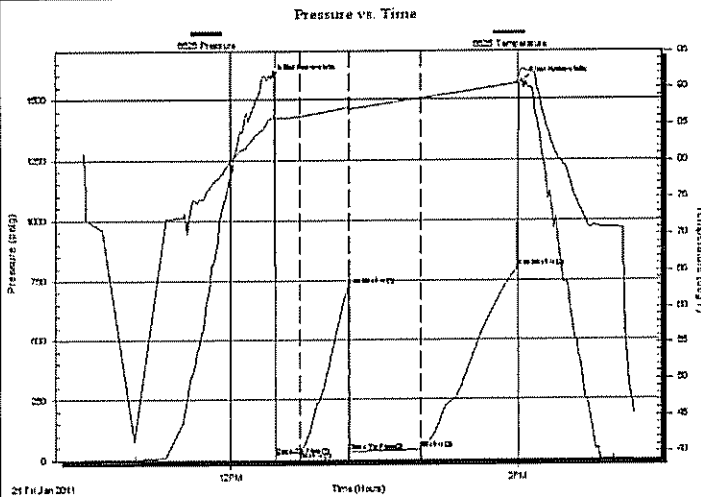
Capacity: 8000.00 psig

Last Calib.: 2011.01.21

Time On Btm: 2011.01.21 @ 12:25:29

Time Off Btm: 2011.01.21 @ 15:02:58

TEST COMMENT: IFP-w k bl 1/2"to 3/4"bl  
ISIP-no bl bk  
FFP-w k bl 1/4"to 1 1/2"bl  
FSIP-no bl



## PRESSURE SUMMARY

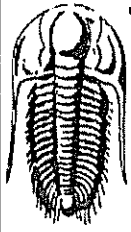
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1589.61	85.83	Initial Hydro-static
3	20.28	85.96	Open To Flow (1)
18	36.10	86.09	Shut-In(1)
49	730.53	87.31	End Shut-In(1)
49	36.07	87.19	Open To Flow (2)
94	45.36	88.55	Shut-In(2)
155	803.10	90.58	End Shut-In(2)
158	1571.16	92.57	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
30.00	SOCM 5%O95%M	0.15
20.00	O&GCM 5%G10%O85%m	0.28
0.00	60'gip	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Lario Oil&Gas Oil Company

**Marshall A #1-33**

301 S. Market St.  
Wichita Ks 67601-3805

**31-11s-17w Ellis**

Job Ticket: 41670

**DST#: 1**

ATTN: Jay Schweikert

Test Start: 2011.01.21 @ 10:27:34

**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: 54.00 sec/qt

Cushion Volume:

bbf

Water Loss: 6.80 in<sup>2</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3200.00 ppm

Filter Cake: 1.00 inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbf
30.00	SOCM 5%O95%M	0.148
20.00	O&GCM 5%G10%O85%m	0.281
0.00	60'gip	0.000

Total Length: 50.00 ft      Total Volume: 0.429 bbf

Num Fluid Samples: 0

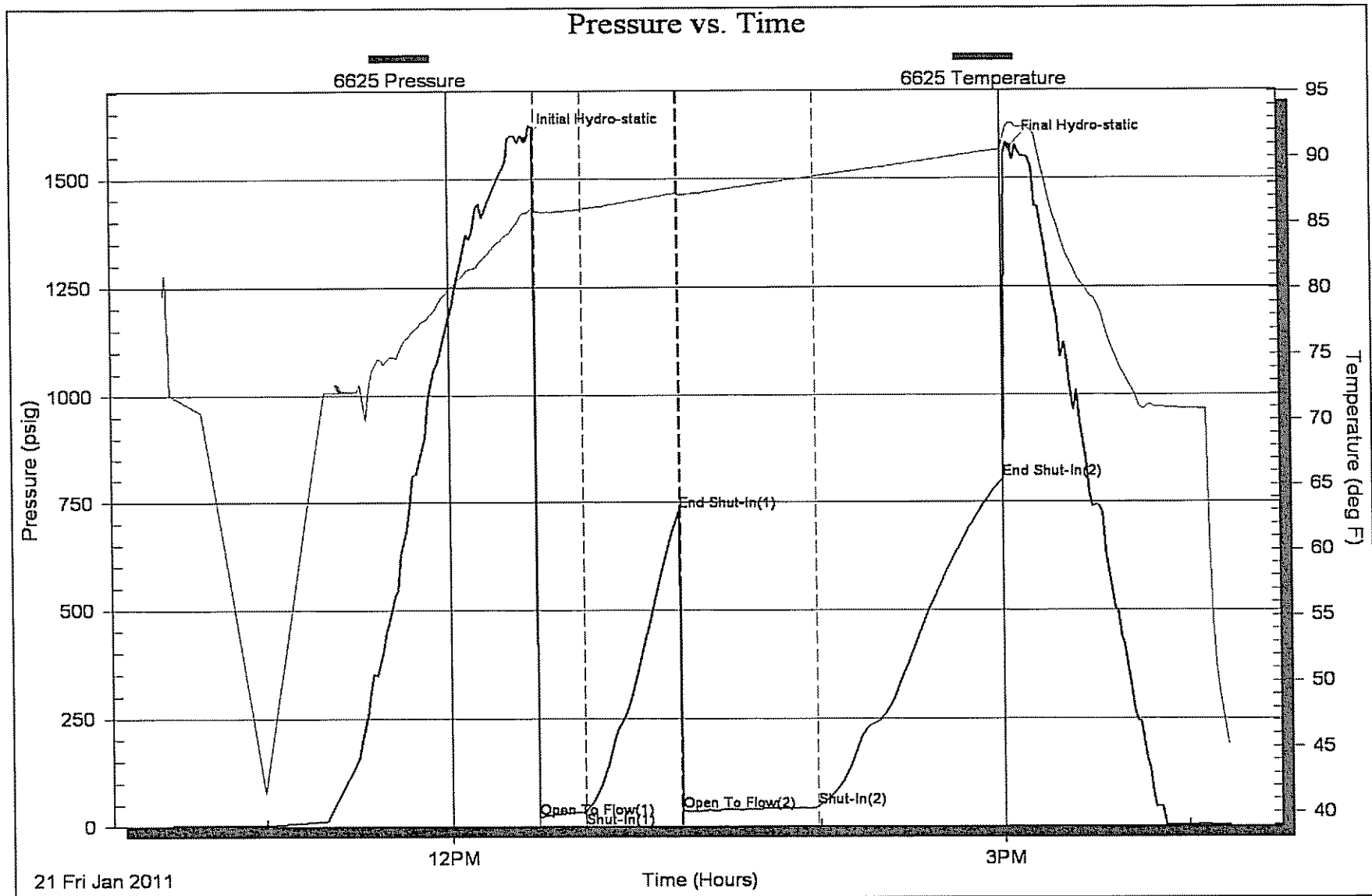
Num Gas Bombs: 0

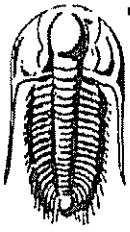
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Lario Oil&Gas Oil Company

**Marshall A #1-33**

301 S. Market St.  
Wichita Ks 67601-3805

**31-11s-17w Ellis**

Job Ticket: 41671

**DST#: 2**

ATTN: Jay Schweikert

Test Start: 2011.01.21 @ 21:17:39

## GENERAL INFORMATION:

Formation: **LKC "B"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:36:04

Time Test Ended: 02:34:33

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 42

**Interval: 3375.00 ft (KB) To 3395.00 ft (KB) (TVD)**

Total Depth: 3395.00 ft (KB) (TVD)

Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 2134.00 ft (KB)

2129.00 ft (CF)

KB to GR/CF: 5.00 ft

**Serial #: 6625** Inside

Press@RunDepth: 46.64 psig @ 3376.00 ft (KB)

Start Date: 2011.01.21

End Date:

2011.01.22

Start Time: 21:17:39

End Time:

02:34:33

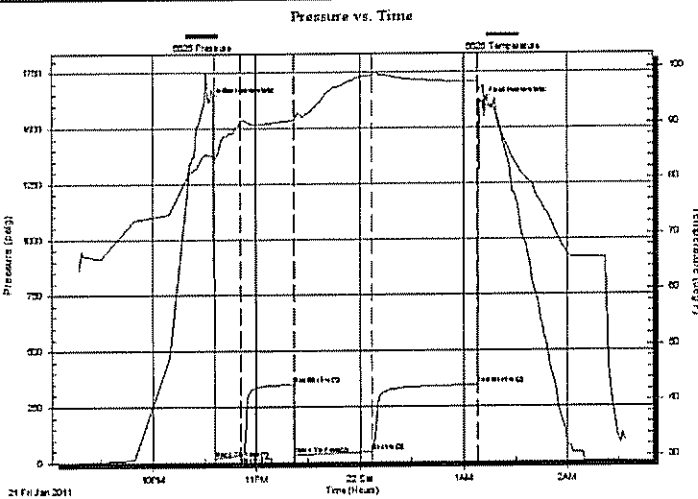
Capacity: 8000.00 psig

Last Calib.: 2011.01.22

Time On Btm: 2011.01.21 @ 22:33:04

Time Off Btm: 2011.01.22 @ 01:10:34

**TEST COMMENT:** IFP-w k bl thru-out 1/2" to 3/4" bl  
ISIP-no bl bk  
FFP-w k bl thru-out surface to 1/4" bl  
FSIP-no bl



## PRESSURE SUMMARY

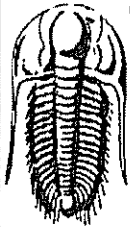
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1620.39	84.24	Initial Hydro-static
3	15.99	83.35	Open To Flow (1)
18	30.80	90.33	Shut-In(1)
49	349.14	90.52	End Shut-In(1)
49	31.87	90.43	Open To Flow (2)
94	46.64	98.75	Shut-In(2)
155	344.53	97.55	End Shut-In(2)
158	1614.75	96.53	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
65.00	MW 25%M75%w	0.64
0.00	w/show of oil	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Lario Oil&Gas Oil Company

**Marshall A #1-33**

301 S. Market St.  
Wichita Ks 67601-3805

**31-11s-17w Ellis**

Job Ticket: 41671

**DST#: 2**

ATTN: Jay Schweikert

Test Start: 2011.01.21 @ 21:17:39

**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:

65000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbf

Water Loss: 6.78 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3200.00 ppm

Filter Cake: 2.00 inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbf
65.00	MW 25% M75%w	0.638
0.00	w/show of oil	0.000

Total Length: 65.00 ft      Total Volume: 0.638 bbf

Num Fluid Samples: 0

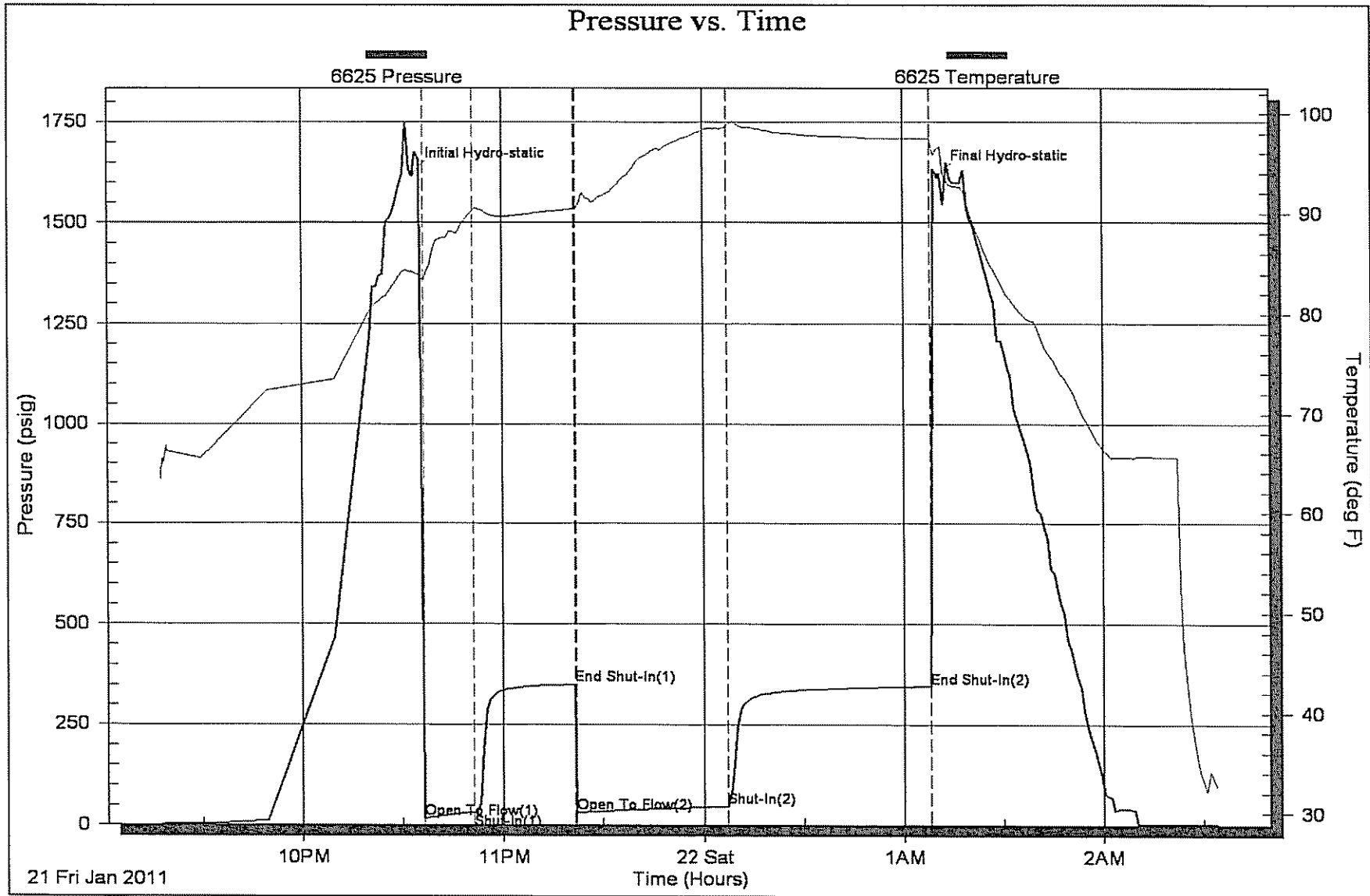
Num Gas Bombs: 0

Serial #:

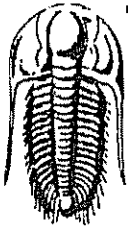
Laboratory Name:

Laboratory Location:

Recovery Comments: RW .16 @ 53F







**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Lario Oil&Gas Oil Company  
301 S. Market St.  
Wichita Ks 67601-3805  
ATTN: Jay Schweikert

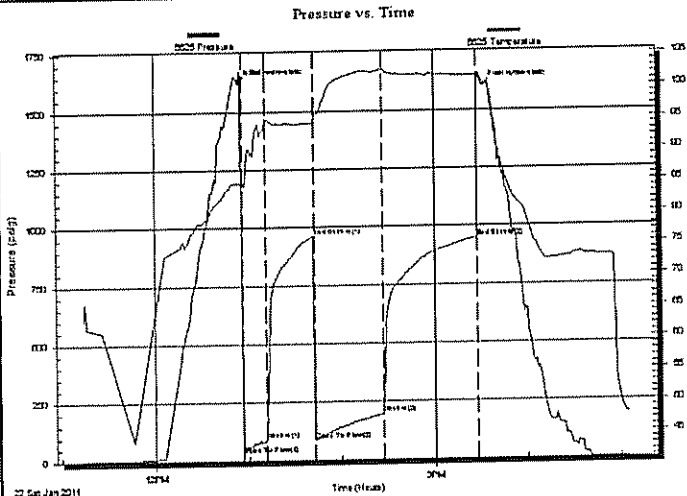
**Marshall A #1-33**  
**31-11s-17w Ellis**  
Job Ticket: 41672      DST#: 3  
Test Start: 2011.01.22 @ 11:14:15

## GENERAL INFORMATION:

Formation: **LKC C-G**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 12:56:40  
Time Test Ended: 17:06:09  
Test Type: Conventional Bottom Hole  
Tester: Ray Schwager  
Unit No: 42  
Reference Elevations: 2134.00 ft (KB)  
2129.00 ft (CF)  
Interval: **3395.00 ft (KB) To 3448.00 ft (KB) (TVD)**  
Total Depth: 3448.00 ft (KB) (TVD)  
Hole Diameter: 7.85 inches Hole Condition: Fair  
KB to GRVCF: 5.00 ft

**Serial #: 6625**      **Inside**  
Press@RunDepth: 197.16 psig @ 3397.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2011.01.22      End Date: 2011.01.22  
Start Time: 11:14:15      End Time: 17:06:09  
Last Calib.: 2011.01.22  
Time On Btm: 2011.01.22 @ 12:54:10  
Time Off Btm: 2011.01.22 @ 15:31:09

TEST COMMENT: IFP-w k to strg in 8 min  
ISIP-surface bl bk  
FFP-w k to strg in 4min  
FSIP-1/4"bl bk



## PRESSURE SUMMARY

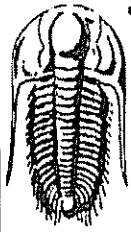
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1622.06	84.73	Initial Hydro-static
3	28.14	84.33	Open To Flow (1)
18	91.61	94.74	Shut-In(1)
48	962.98	94.24	End Shut-In(1)
49	86.11	95.43	Open To Flow (2)
93	197.16	102.65	Shut-In(2)
153	948.91	101.47	End Shut-In(2)
157	1604.86	100.67	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
186.00	O&GCMW 25%G5%O5%M65%W	2.34
62.00	O&GCMW 25%G10%O30%M35%W	0.87
155.00	GMO 45%G25%M30%O	2.17
0.00	715'GIP	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Lario Oil&Gas Oil Company

**Marshall A #1-33**

301 S.Market St.  
Wichita Ks 67601-3805

**31-11s-17w Ellis**

Job Ticket: 41672

**DST#: 3**

ATTN: Jay Schweikert

Test Start: 2011.01.22 @ 11:14:15

## Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 48.00 sec/qt

Water Loss: 6.77 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 5300.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

deg API

Water Salinity: 34000 ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
186.00	O&GCMW 25%G5%O5%M65%W	2.336
62.00	O&GCMW 25%G10%O30%M35%W	0.870
155.00	GMO 45%G25%M30%O	2.174
0.00	715'GP	0.000

Total Length: 403.00 ft      Total Volume: 5.380 bbl

Num Fluid Samples: 0

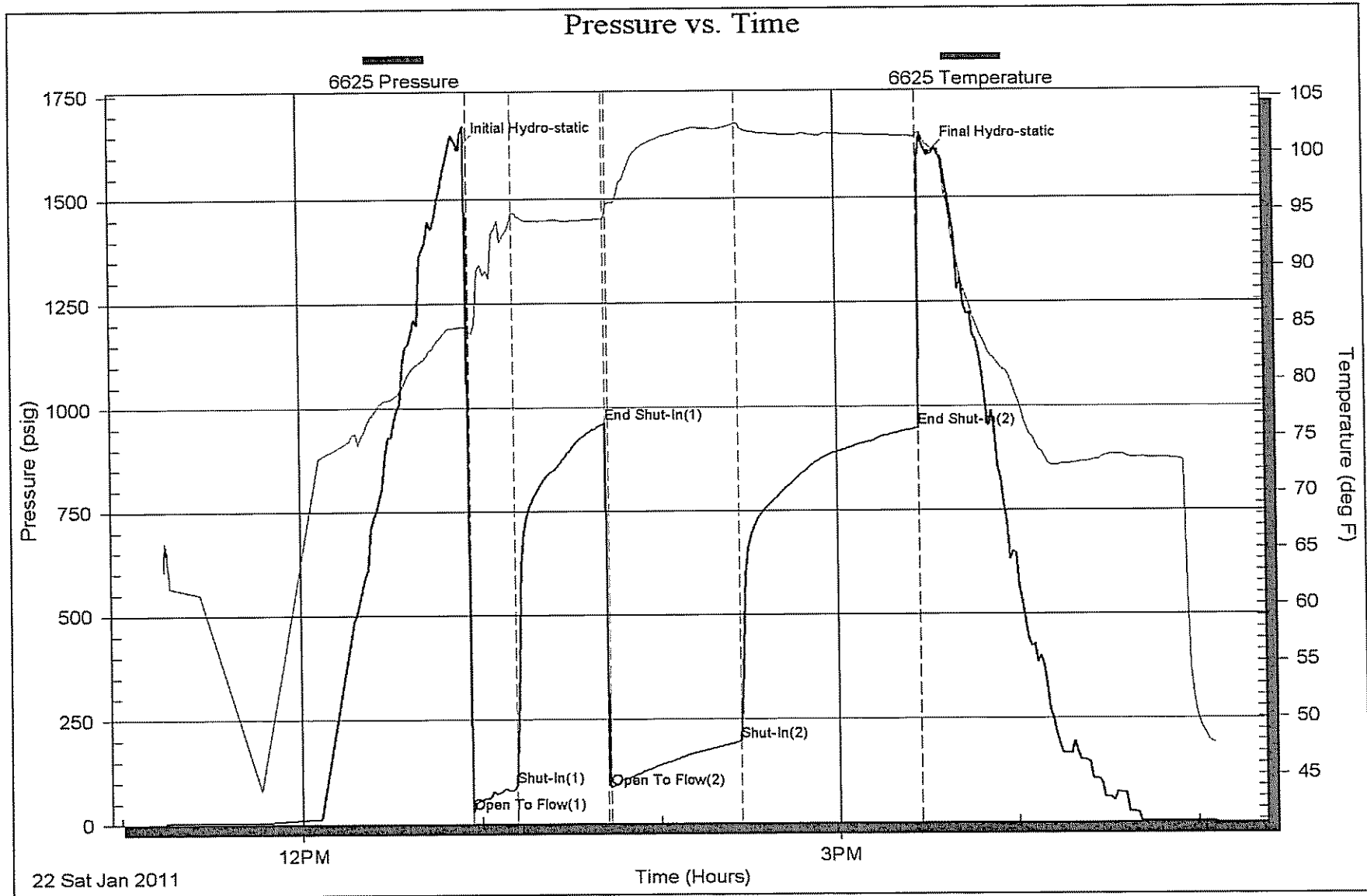
Num Gas Bombs: 0

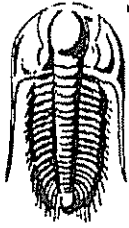
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .24@60F





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Lario Oil&Gas Oil Company

**Marshall A #1-33**

301 S.Market St.  
Wichita Ks 67601-3805

**31-11s-17w Ellis**

Job Ticket: 41673

**DST#: 4**

ATTN: Jay Schweikert

Test Start: 2011.01.23 @ 05:52:56

## GENERAL INFORMATION:

Formation: **LKC H-K**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 07:46:21  
 Time Test Ended: 11:51:20

Test Type: Conventional Bottom Hole  
 Tester: Ray Schwager  
 Unit No: 42

Interval: **3467.00 ft (KB) To 3570.00 ft (KB) (TVD)**  
 Total Depth: 3570.00 ft (KB) (TVD)  
 Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 2134.00 ft (KB)  
 2129.00 ft (CF)  
 KB to GR/CF: 5.00 ft

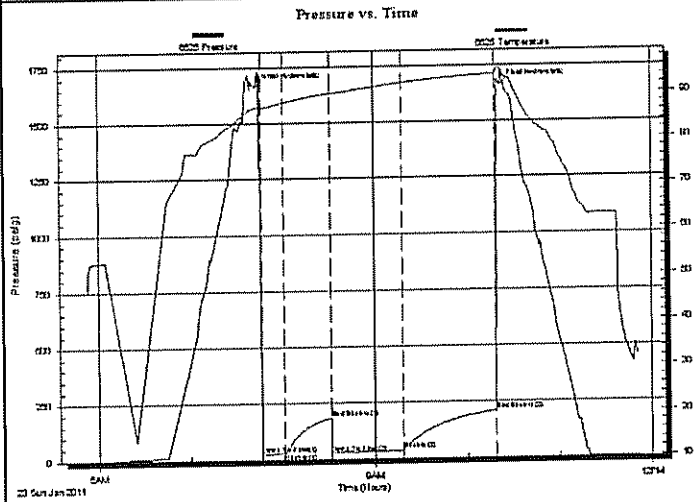
## Serial #: 6625

Inside

Press@RunDepth: 36.66 psig @ 3474.00 ft (KB)  
 Start Date: 2011.01.23 End Date: 2011.01.23  
 Start Time: 05:52:56 End Time: 11:51:20

Capacity: 8000.00 psig  
 Last Calib.: 2011.01.23  
 Time On Btm: 2011.01.23 @ 07:43:21  
 Time Off Btm: 2011.01.23 @ 10:21:50

TEST COMMENT: IFP-wk to a fr bl 1/2" to 4" bl  
 ISIP-surface bl bk  
 FFP-wk to a strg bl in 15min  
 FSIP-no bl bk



## PRESSURE SUMMARY

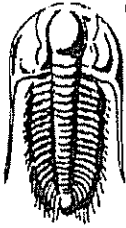
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1665.69	86.92	Initial Hydro-static
3	24.79	86.97	Open To Flow (1)
18	27.54	88.04	Shut-In(1)
48	183.38	90.00	End Shut-In(1)
49	26.39	90.00	Open To Flow (2)
95	36.66	92.15	Shut-In(2)
155	209.92	93.97	End Shut-In(2)
159	1664.29	95.18	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
45.00	SO&GCM 5%G1%O94%M	0.36
0.00	325'GIP	0.00

## Gas Rates

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



**TRILOBITE**  
TESTING, INC

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Lario Oil&Gas Oil Company

**Marshall A #1-33**

301 S.Market St.  
Wichita Ks 67601-3805

**31-11s-17w Ellis**

Job Ticket: 41673

**DST#: 4**

ATTN: Jay Schweikert

Test Start: 2011.01.23 @ 05:52:56

## Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 50.00 sec/qt  
Water Loss: 6.75 in<sup>2</sup>  
Resistivity: ohm.m  
Salinity: 5300.00 ppm  
Filter Cake: 2.00 inches

Cushion Type:  
Cushion Length: ft  
Cushion Volume: bbl  
Gas Cushion Type:  
Gas Cushion Pressure: psig

Oil API: deg API  
Water Salinity: ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	SO&GCM 5%G1%O94%M	0.358
0.00	325'GIP	0.000

Total Length: 45.00 ft      Total Volume: 0.358 bbl

Num Fluid Samples: 0

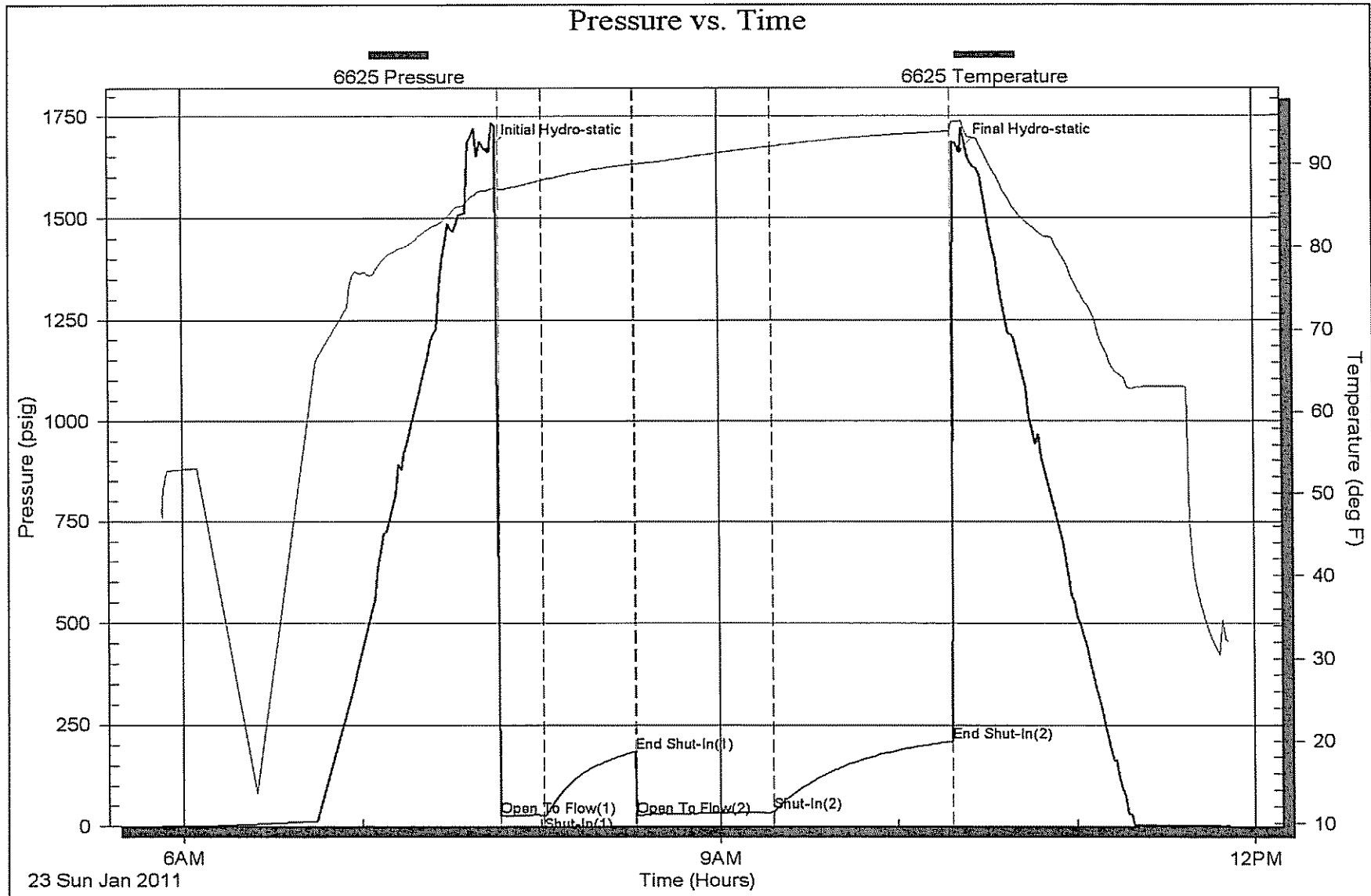
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Lario Oil&Gas Oil Company

**Marshall A #1-33**

301 S.Market St.  
Wichita Ks 67601-3805

**31-11s-17w Ellis**

Job Ticket: 41674

**DST#: 5**

ATTN: Jay Schweikert

Test Start: 2011.01.23 @ 20:34:00

## GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:05:25

Time Test Ended: 02:12:54

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 42

**Interval: 3603.00 ft (KB) To 3644.00 ft (KB) (TVD)**

Reference Elevations: 2134.00 ft (KB)

Total Depth: 3644.00 ft (KB) (TVD)

2129.00 ft (CF)

Hole Diameter: 7.85 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

## Serial #: 6625

Inside

Press@RunDepth: 29.61 psig @ 3608.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.01.23 End Date: 2011.01.24

Last Calib.: 2011.01.24

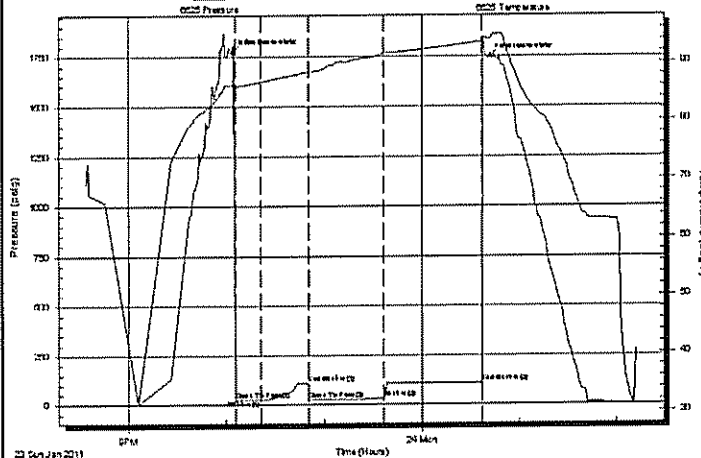
Start Time: 20:34:00 End Time: 02:12:54

Time On Btm: 2011.01.23 @ 22:03:25

Time Off Btm: 2011.01.24 @ 00:40:55

TEST COMMENT: IFP-wk bl thru-out 1/2"to 1"bl  
ISIP-no bl bk  
FFP-1/8"to surface bl  
FSIP-no bl bk

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1771.40	86.04	Initial Hydro-static
2	25.75	85.59	Open To Flow (1)
18	25.45	86.57	Shut-In(1)
47	110.08	88.28	End Shut-In(1)
48	25.24	88.28	Open To Flow (2)
93	29.61	91.59	Shut-In(2)
154	110.92	93.48	End Shut-In(2)
158	1743.03	93.99	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	SOCM 4%O96%M	0.05

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Lario Oil&Gas Oil Company

**Marshall A #1-33**

301 S.Market St.  
Wichita Ks 67601-3805

**31-11s-17w Ellis**

Job Ticket: 41674

**DST#: 5**

ATTN: Jay Schweikert

Test Start: 2011.01.23 @ 20:34:00

**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: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.73 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6900.00 ppm

Filter Cake: 2.00 inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbbl
10.00	SOCM 4%O96%M	0.049

Total Length: 10.00 ft      Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



