

**CONFIDENTIAL**

**ORIGINAL**

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

9/26/08

*10/31/08*

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

**RECEIVED**  
**SEP 29 2008**  
KANSAS CORPORATION COMMISSION  
CONSERVATION DIVISION  
WICHITA, KS

Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     SWD     SIOW     Temp. Abd.  
 Gas     ENHR     SIGW  
 Dry     Other (Core, WSW, Expl., Cathodic, etc)

**CONFIDENTIAL**  
**SEP 26 2008**  
**KCC**

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. \_\_\_\_\_  
9-6-08    9-17-08    9-18-08  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 171-20702-0000  
County: Scott  
N2 SE NW NE Sec. 31 Twp. 18 S. R. 33  East  West  
905 feet from S / (N) (circle one) Line of Section  
1720 feet from (E) / W (circle one) Line of Section

Rootages Calculated from Nearest Outside Section Corner:  
(circle one) (NE) SE NW SW  
Lease Name: Stoppel Well #: 1-31  
Field Name: Wildcat  
Producing Formation: \_\_\_\_\_  
Elevation: Ground: 3035' Kelly Bushing: 3045'  
Total Depth: 4925' Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 355 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 DANH 12 11-08  
(Data must be collected from the Reserve Pit)  
Chloride content 16,300 ppm Fluid volume 1,200 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: 9-26-08  
Subscribed and sworn to before me this 26th day of September,  
2008  
Notary Public: Kathy L. Ford  
My Appt. Expires: 10-22-10  
Date Commission Expires: \_\_\_\_\_

**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: Lario Oil & Gas Company Lease Name: Stoppel Well #: 1-31  
 Sec. 31 Twp. 18 S. R. 33  East  West County: Scott

**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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:  <b>SDL/DSN/MICRO/ACRT/ISAT</b>	<input checked="" type="checkbox"/> Log    Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Heebner</td> <td>3960</td> <td>-915</td> </tr> <tr> <td>Lansing</td> <td>4010</td> <td>-965</td> </tr> <tr> <td>Stark Shale</td> <td>4292</td> <td>-1247</td> </tr> <tr> <td>Hushpuckney</td> <td>4345</td> <td>-1300</td> </tr> <tr> <td>Base KC</td> <td>4418</td> <td>-1373</td> </tr> <tr> <td>Marmaton</td> <td>4447</td> <td>-1402</td> </tr> <tr> <td>Pawnee</td> <td>4526</td> <td>-1481</td> </tr> <tr> <td>Mississippian</td> <td>4770</td> <td>-1725</td> </tr> </table>	Name	Top	Datum	Heebner	3960	-915	Lansing	4010	-965	Stark Shale	4292	-1247	Hushpuckney	4345	-1300	Base KC	4418	-1373	Marmaton	4447	-1402	Pawnee	4526	-1481	Mississippian	4770	-1725
Name	Top	Datum																										
Heebner	3960	-915																										
Lansing	4010	-965																										
Stark Shale	4292	-1247																										
Hushpuckney	4345	-1300																										
Base KC	4418	-1373																										
Marmaton	4447	-1402																										
Pawnee	4526	-1481																										
Mississippian	4770	-1725																										

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#	355'	60/40 Poz	225	3% CC, 2% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

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 <input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr. D&A 9-18-08	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
---	--

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas    **METHOD OF COMPLETION**    Production Interval

Vented     Sold     Used on Lease     Open Hole     Perf.     Dually Comp.     Commingled  
*(If vented, Submit ACO-18.)*     Other (Specify) \_\_\_\_\_

# LARIO OIL & GAS COMPANY



301 SOUTH MARKET STREET  
WICHITA, KANSAS 67202  
(316) 265-5611 FAX: (316) 265-5610

**KCC**  
SEP 26 2008  
**CONFIDENTIAL**

September 26, 2008

Kansas Corporation Commission  
Oil & Gas Conservation Division  
130 S. Market, Room 2078  
Wichita, KS 67202

**CONFIDENTIAL**  
SEP 26 2008

RECEIVED  
KANSAS CORPORATION COMMISSION  
SEP 29 2008  
CONSERVATION DIVISION  
WICHITA, KS

RE: **Confidentiality Request for Logs and Drilling Information**  
Stoppel #1-31 API #171-20702  
N2 SE NW NE Sec. 31-18S-33W Scott Co., KS

Gentlemen:

Please find enclosed the following items for the referenced well:

- ✓ ACO-1; Well Completion Form
- ✓ Geological Well Site Report
- ✓ DST
- ✓ Cementing Invoices
- ✓ Electric Logs

Lario requests that all of the information concerning this well be kept confidential for the maximum time allowable by KCC Regulations. If you require any additional information, please feel free to contact me.

Sincerely,

Kathy Ford  
Engineering Tech

Encl.  
XC: SWKD, WF

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

COPY

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

9/26/10

*Handwritten:* KCC  
Mm  
10/26/08

Operator: License # 5214  
 Name: Lario Oil & Gas Company  
 Address: 301 S. Market  
 City/State/Zip: Wichita, KS 67202  
 Purchaser: \_\_\_\_\_  
 Operator Contact Person: Jay G. Schweikert  
 Phone: (316) 265-5611  
 Contractor: Name: Murfyn Drilling Co., Inc.  
 License: 30606  
 Wellsite Geologist: Curtis Covey  
 Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     SWD     SIOW     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. \_\_\_\_\_  

<u>9-6-08</u>	<u>9-17-08</u>	<u>9-18-08</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

KCC  
SEP 26 2008  
CONFIDENTIAL

RECEIVED  
KANSAS CORPORATION COMMISSION  
SEP 29 2008  
CONSERVATION DIVISION  
WICHITA, KS

CONFIDENTIAL  
SEP 26 2008  
KCC

API No. 15 - 171-20702 - 6000  
 County: Scott  
 N2 SE NW NE Sec. 31 Twp. 18 S. R. 33  East  West  
905 feet from S /  N (circle one) Line of Section  
1720 feet from  E / W (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one)  NE    SE    NW    SW  
 Lease Name: Stoppel Well #: 1-31  
 Field Name: Wildcat  
 Producing Formation: \_\_\_\_\_  
 Elevation: Ground: 3035' Kelly Bushing: 3045'  
 Total Depth: 4925' Plug Back Total Depth: \_\_\_\_\_  
 Amount of Surface Pipe Set and Cemented at 355 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 16,300 ppm    Fluid volume 1,200 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: 9-26-08  
 Subscribed and sworn to before me this 26th day of September,  
 2008  
 Notary Public: Kathy L. Ford  
 My Appt. Expires: 10-22-10  
 Date Commission Expires: \_\_\_\_\_

**KCC Office Use ONLY**

Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: Lario Oil & Gas Company Lease Name: Stoppel Well #: 1-31  
 Sec. 31 Twp. 18 S. R. 33  East  West County: Scott

**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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:  <b>SDL/DSN/MICRO/ACRT/ISAT</b>	<input checked="" type="checkbox"/> Log    Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Heebner</td> <td>3960</td> <td>-915</td> </tr> <tr> <td>Lansing</td> <td>4010</td> <td>-965</td> </tr> <tr> <td>Stark Shale</td> <td>4292</td> <td>-1247</td> </tr> <tr> <td>Hushpuckney</td> <td>4345</td> <td>-1300</td> </tr> <tr> <td>Base KC</td> <td>4418</td> <td>-1373</td> </tr> <tr> <td>Marmaton</td> <td>4447</td> <td>-1402</td> </tr> <tr> <td>Pawnee</td> <td>4526</td> <td>-1481</td> </tr> <tr> <td>Mississippian</td> <td>4770</td> <td>-1725</td> </tr> </table>	Name	Top	Datum	Heebner	3960	-915	Lansing	4010	-965	Stark Shale	4292	-1247	Hushpuckney	4345	-1300	Base KC	4418	-1373	Marmaton	4447	-1402	Pawnee	4526	-1481	Mississippian	4770	-1725
Name	Top	Datum																										
Heebner	3960	-915																										
Lansing	4010	-965																										
Stark Shale	4292	-1247																										
Hushpuckney	4345	-1300																										
Base KC	4418	-1373																										
Marmaton	4447	-1402																										
Pawnee	4526	-1481																										
Mississippian	4770	-1725																										

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#	355'	60/40 Poz	225	3% CC, 2% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

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 <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <b>D&amp;A 9-18-08</b>			Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i>		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas                      METHOD OF COMPLETION                      Production Interval

Vented     Sold     Used on Lease                     
  Open Hole     Perf.     Dually Comp.     Commingled \_\_\_\_\_  
*(If vented, Submit ACO-18.)*                       Other *(Specify)* \_\_\_\_\_

KCC  
Murf  
10/31/08

COPY

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
**WELL COMPLETION FORM**  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1  
September 1999  
Form Must Be Typed

9/26/10

Operator: License # 5214  
 Name: Lario Oil & Gas Company  
 Address: 301 S. Market  
 City/State/Zip: Wichita, KS 67202  
 Purchaser: \_\_\_\_\_  
 Operator Contact Person: Jay G. Schweikert  
 Phone: (316) 265-5611  
 Contractor: Name: Murfen Drilling Co., Inc.  
 License: 30606  
 Wellsite Geologist: Curtis Covey  
 Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Gath, 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. \_\_\_\_\_  
 9-6-08 9-17-08 9-18-08  
 Spud Date or Date Reached TD Completion Date or  
 Recompletion Date Recompletion Date

API No. 15 - 171-20702-0608  
 County: Scott  
 N2 SE NW NE Sec. 31 Twp. 18 S. R. 33  East  West  
905 feet from S /  N (circle one) Line of Section  
1720 feet from  E / W (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one)  NE  SE  NW  SW  
 Lease Name: Stoppel Well #: 1-31  
 Field Name: Wildcat  
 Producing Formation: \_\_\_\_\_  
 Elevation: Ground: 3035' Kelly Bushing: 3045'  
 Total Depth: 4925' Plug Back Total Depth: \_\_\_\_\_  
 Amount of Surface Pipe Set and Cemented at 355 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 16,300 ppm Fluid volume 1,200 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: 9-26-08  
 Subscribed and sworn to before me this 26th day of September,  
 2008  
 Notary Public: KATHY L. FORD Notary Public - State of Kansas  
 My Appt. Expires: 10-22-10  
 Date Commission Expires: \_\_\_\_\_

**KCC Office Use ONLY**

Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: Lario Oil & Gas Company Lease Name: Stoppel Well #: 1-31  
 Sec. 31 Twp. 18 S. R. 33  East  West County: Scott

**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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:  <b>SDL/DSN/MICRO/ACRT/ISAT</b>	<input checked="" type="checkbox"/> Log    Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Heebner</td> <td>3960</td> <td>-915</td> </tr> <tr> <td>Lansing</td> <td>4010</td> <td>-965</td> </tr> <tr> <td>Stark Shale</td> <td>4292</td> <td>-1247</td> </tr> <tr> <td>Hushpuckney</td> <td>4345</td> <td>-1300</td> </tr> <tr> <td>Base KC</td> <td>4418</td> <td>-1373</td> </tr> <tr> <td>Marmaton</td> <td>4447</td> <td>-1402</td> </tr> <tr> <td>Pawnee</td> <td>4526</td> <td>-1481</td> </tr> <tr> <td>Mississippian</td> <td>4770</td> <td>-1725</td> </tr> </table>	Name	Top	Datum	Heebner	3960	-915	Lansing	4010	-965	Stark Shale	4292	-1247	Hushpuckney	4345	-1300	Base KC	4418	-1373	Marmaton	4447	-1402	Pawnee	4526	-1481	Mississippian	4770	-1725
Name	Top	Datum																										
Heebner	3960	-915																										
Lansing	4010	-965																										
Stark Shale	4292	-1247																										
Hushpuckney	4345	-1300																										
Base KC	4418	-1373																										
Marmaton	4447	-1402																										
Pawnee	4526	-1481																										
Mississippian	4770	-1725																										

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#	355'	60/40 Poz	225	3% CC, 2% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

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 <input type="checkbox"/> Yes <input type="checkbox"/> No
---------------	------	--------	-----------	--

Date of First, Resumerd Production, SWD or Enhr. <b>D&amp;A 9-18-08</b>	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
--	--

Estimated Production Per 24 Hours	Oil    Bbls.	Gas    Mcf	Water    Bbls.	Gas-Oil Ratio	Gravity
-----------------------------------	--------------	------------	----------------	---------------	---------

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	_____



24 S. Lincoln Street  
 P.O. Box 31  
 Russell, KS 67665-2906  
 Voice: (785) 483-3887  
 Fax: (785) 483-5566

# INVOICE

Invoice Number: 115960  
 Invoice Date: Sep 7, 2008  
 Page: 1

<b>Bill To:</b>
Lario Oil & Gas Co. P. O. Box 307 Kingman, KS 67068

*Drilling Stoppel 1-31  
 AFE 08-183*

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Lario	Stoppel #1-31	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1	Oakley	Sep 7, 2008	10/7/08

Quantity	Item	Description	Unit Price	Amount
225.00	MAT	Class A Common	15.45	3,476.25
4.00	MAT	Gel	20.80	83.20
8.00	MAT	Chloride	58.20	465.60
237.00	SER	Handling	2.40	568.80
55.00	SER	Mileage 237 sx @ .10 per sk per mi	23.70	1,303.50
1.00	SER	Surface	1,018.00	1,018.00
55.00	SER	Mileage Pump Truck	7.00	385.00
1.00	SER	Head Rental	113.00	113.00
1.00	EQP	Surface Plug	68.00	68.00

*CONFIDENTIAL  
 SEP 26 2008*

*KCC*

*all  
 xc*  
 [Stamp: exp. file, Sep 16 2008]  
*all  
 xc*

RECEIVED  
 KANSAS CORPORATION COMMISSION  
 SEP 29 2008  
 CONSERVATION DIVISION  
 WICHITA, KS

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

\$ 749.13

ONLY IF PAID ON OR BEFORE

Oct 7, 2008

Subtotal	7,481.35
Sales Tax	257.86
Total Invoice Amount	7,739.21
Payment/Credit Applied	
<b>TOTAL</b>	<b>7,739.21</b>



# ALLIED CEMENTING CO., LLC. 043775

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

SERVICE POINT:  
OAKLEY

DATE <u>9-7-08</u>	SEC <u>31</u>	TWP. <u>18S</u>	RANGE <u>33W</u>	CALLED OUT	ON LOCATION <u>12:30 AM</u>	JOB START <u>3:30 AM</u>	JOB FINISH <u>11:00 AM</u>
LEASE <u>STOPEL</u>	WELL # <u>1-31</u>	LOCATION <u>SCOTT CANY 4W-35-1W-1N</u>			COUNTY <u>SCOTT</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)				<u>W INTO</u>			

CONTRACTOR MURFIN DRILL RIG # 14  
 TYPE OF JOB SURFACE  
 HOLE SIZE 12 1/4" T.D. 355'  
 CASING SIZE 8 5/8" DEPTH 355'  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. 15  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 21 3/4 BBLs

OWNER SAME  
 CEMENT  
 AMOUNT ORDERED 225 SKS COM 3% CC 29661

EQUIPMENT

PUMP TRUCK CEMENTER TERRELL SEP 26 2008  
 # 423-281 HELPER ALVIN  
 BULK TRUCK KCC  
 # 377 DRIVER LONNIE  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

COMMON	<u>225 SKS</u>	@	<u>15.45</u>	<u>3476.25</u>
POZMIX		@		
GEL	<u>4 SKS</u>	@	<u>20.82</u>	<u>83.28</u>
CHLORIDE	<u>8 SKS</u>	@	<u>58.20</u>	<u>465.60</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>237 SKS</u>	@	<u>2.42</u>	<u>568.80</u>
MILEAGE	<u>104 PER SK/ME/E</u>			<u>1303.50</u>
TOTAL				<u>5897.35</u>

REMARKS:  
CEMENT did CIRC.

RECEIVED  
KANSAS CORPORATION COMMISSION  
SEP 29 2008  
CONSERVATION DIVISION  
WICHITA, KS  
THANK YOU

CHARGE TO: LARFD OIL & GAS, CO  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

SERVICE

DEPTH OF JOB	<u>355'</u>		
PUMP TRUCK CHARGE			<u>1018.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>55 ME</u>	@	<u>7.00</u>
MANIFOLD		@	
HEAD RENTAL		@	<u>113.00</u>
TOTAL			<u>1516.00</u>

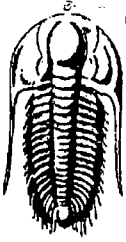
PLUG & FLOAT EQUIPMENT

<u>8 5/8" SURFACE PLUG</u>			<u>68.00</u>
	@		
	@		
	@		
	@		
TOTAL			<u>68.00</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 Carl O. Jessen  
 SIGNATURE [Signature]

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES \_\_\_\_\_  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Lario  
301 S Market  
Wichita, KS 67202  
ATTN: Curtis Covey

**Stoppel #1-31**  
**31 18 33 Scott KS**  
Job Ticket: 33503      **DST#: 1**  
Test Start: 2008.09.12 @ 13:46:05

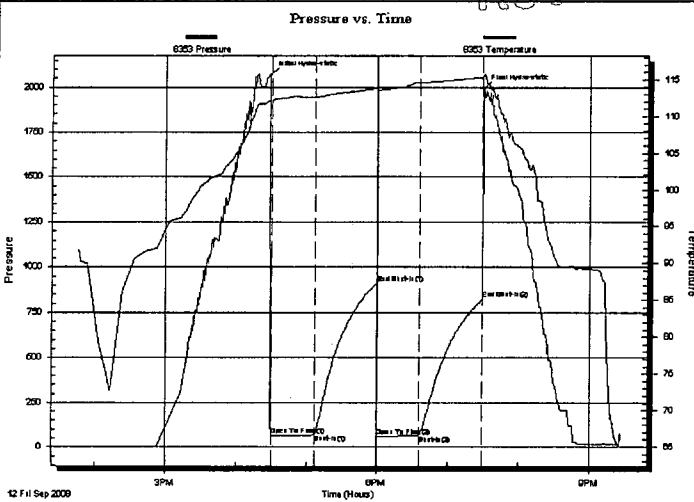
## GENERAL INFORMATION:

Formation: **Lans I**  
Deviated: **No** Whipstock:                      **ft (KB)**  
Time Tool Opened: 16:30:00  
Time Test Ended: 21:26:29  
Interval: **4184.00 ft (KB) To 4250.00 ft (KB) (TVD)**  
Total Depth: **4260.00 ft (KB) (TVD)**  
Hole Diameter: **7.88 inches** Hole Condition: **Fair**  
Test Type: **Conventional Straddle**  
Tester: **Brandon Domsch**  
Unit No: **25**  
Reference Elevations: **3045.00 ft (KB)**  
**3035.00 ft (CF)**  
KB to GR/CF: **10.00 ft**

**Serial #: 8353**      **Inside**  
Press@RunDepth: **68.84 psig @ 4218.00 ft (KB)**      Capacity: **7000.00 psig**  
Start Date: **2008.09.12**      End Date: **2008.09.12**      Last Calib.: **2008.09.12**  
Start Time: **13:46:05**      End Time: **21:26:29**      Time On Btm: **2008.09.12 @ 16:29:00**  
Time Off Btm: **2008.09.12 @ 19:29:59**

TEST COMMENT: IF 1/2 inch died in 13 mins  
IS No return  
FF No blow  
FS No return

**CONFIDENTIAL**  
**SEP 26 2008**  
**KCC**



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2067.04	112.25	Initial Hydro-static
1	63.93	112.03	Open To Flow (1)
38	69.99	112.60	Shut-In(1)
91	912.86	113.80	End Shut-In(1)
91	59.12	113.64	Open To Flow (2)
127	68.84	114.64	Shut-In(2)
181	823.21	115.28	End Shut-In(2)
181	1989.73	115.67	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	M 100% m	0.02
0.00	GIP 0	0.00

## Gas Rates

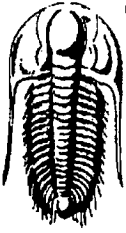
Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)

**RECEIVED**  
**KANSAS CORPORATION COMMISSION**

**SEP 29 2008**

**CONSERVATION DIVISION**

**WICHITA, KS**



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Lario  
301 S Market  
Wichita, KS 67202  
ATTN: Curtis Covey

**Stoppel #1-31**  
**31 18 33 Scott KS**  
Job Ticket: 33503      **DST#: 1**  
Test Start: 2008.09.12 @ 13:46:05

**Mud and Cushion Information**

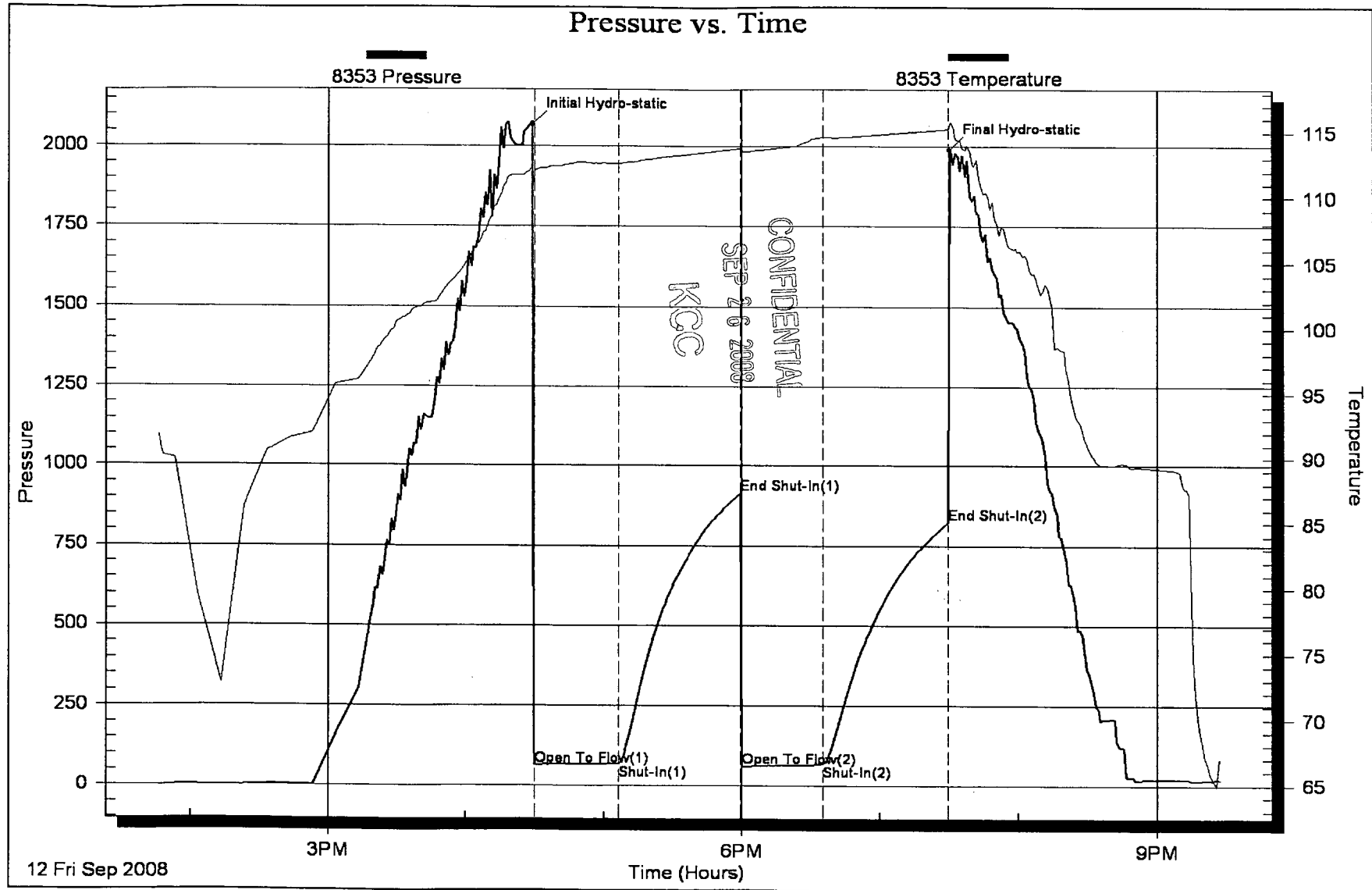
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.18 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 3000.00 ppm			
Filter Cake: 1.00 inches			

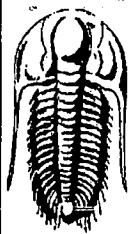
**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
5.00	M 100%m	0.025
0.00	GIP 0	0.000

Total Length: 5.00 ft      Total Volume: 0.025 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Lario  
301 S Market  
Wichita, KS 67202  
ATTN: Curtis Covey

**Stoppel #1-31**  
**31 18 33 Scott KS**  
Job Ticket: 33504      **DST#: 2**  
Test Start: 2008.09.14 @ 04:12:05

## GENERAL INFORMATION:

Formation: **Marmaton**  
Deviated: No      Whipstock:      ft (KB)  
Time Tool Opened: 06:46:00  
Time Test Ended: 12:48:30  
Interval: **4414.00 ft (KB) To 4512.00 ft (KB) (TVD)**  
Total Depth: **4512.00 ft (KB) (TVD)**  
Hole Diameter: **7.88 inches** Hole Condition: Fair  
Test Type: Conventional Bottom Hole  
Tester: Brandon Domsch  
Unit No: 25  
Reference Elevations: **3045.00 ft (KB)**  
**3035.00 ft (CF)**  
KB to GR/CF: 10.00 ft

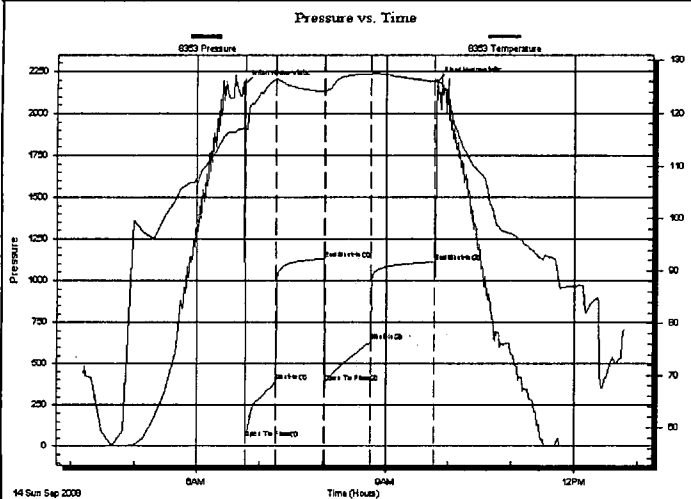
**Serial #: 8353**      **Inside**  
Press@RunDepth: 633.82 psig @ 4415.00 ft (KB)      Capacity: 7000.00 psig  
Start Date: 2008.09.14      End Date: 2008.09.14      Last Calib.: 2008.09.14  
Start Time: 04:12:05      End Time: 12:48:30      Time On Btm: 2008.09.14 @ 06:45:30  
Time Off Btm: 2008.09.14 @ 09:48:29

**CONFIDENTIAL**

**SEP 26 2008**

**KCC**

TEST COMMENT: IF BOB in 5 mins.  
IS No return.  
FF BOB in 7 mins.  
FS No return.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2174.75	117.10	Initial Hydro-static
1	50.43	116.76	Open To Flow (1)
30	388.78	126.37	Shut-in(1)
76	1129.53	124.08	End Shut-in(1)
76	385.25	123.71	Open To Flow (2)
120	633.82	127.35	Shut-in(2)
181	1111.04	125.98	End Shut-in(2)
183	2192.61	125.94	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
30.00	M 100% m	0.15
901.00	SMCW 95% w 5% m	9.07
434.00	O&WCM 5% o 15% w 80% m	6.09
0.00	GIP 0	0.00
0.00	RW = .174 @ 70F = 44000	0.00

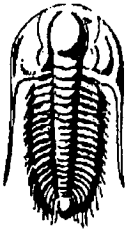
## Gas Rates

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

**RECEIVED**  
KANSAS CORPORATION COMMISSION

**SEP 29 2008**

CONSERVATION DIVISION  
WICHITA, KS



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Lario  
301 S Market  
Wichita, KS 67202  
ATTN: Curtis Covey

**Stoppel #1-31**  
**31 18 33 Scott KS**  
Job Ticket: 33504      **DST#: 2**  
Test Start: 2008.09.14 @ 04:12:05

**Mud and Cushion Information**

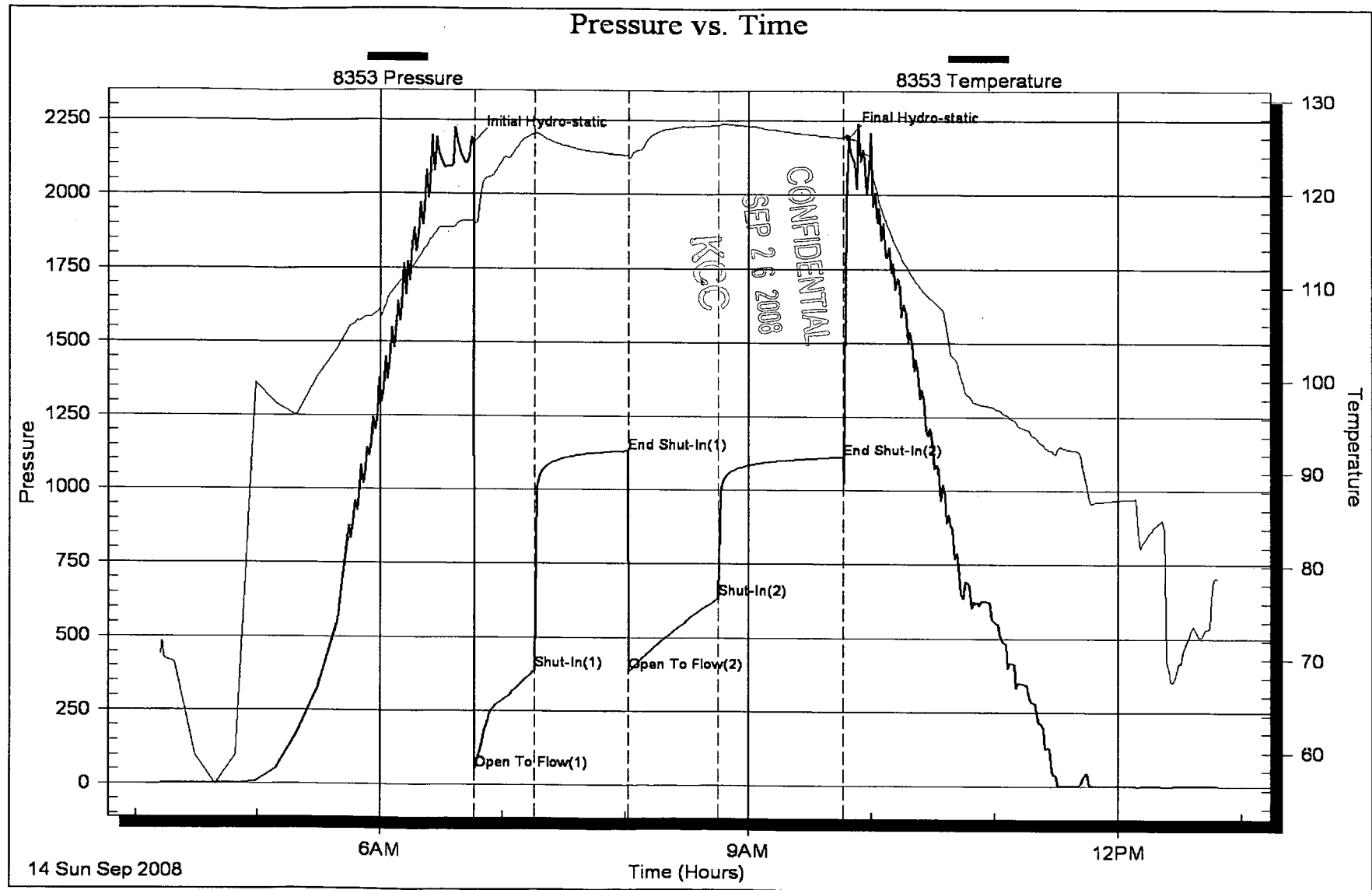
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	44000 ppm
Viscosity: 67.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.20 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 3000.00 ppm			
Filter Cake: 1.00 inches			

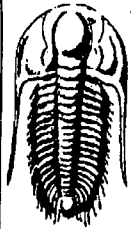
**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
30.00	M 100%m	0.148
901.00	SMCV 95%w 5%m	9.068
434.00	O&WCM 5%o 15%w 80%m	6.088
0.00	GIP 0	0.000
0.00	RW = .174@70F= 44000	0.000

Total Length: 1365.00 ft      Total Volume: 15.304 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  
Wichita, KS 67202  
ATTN: Curtis Covey

**Stoppel #1-31**  
**31 18 33 Scott KS**  
Job Ticket: 33505      **DST#: 3**  
Test Start: 2008.09.15 @ 16:03:05

## GENERAL INFORMATION:

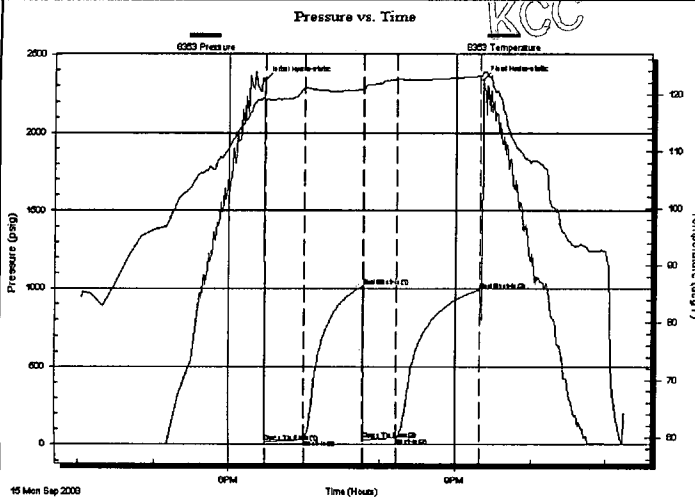
Formation: **Morrow Sand**  
Deviated: No      Whipstock:      ft (KB)  
Time Tool Opened: 18:28:30  
Time Test Ended: 23:14:59  
Interval: **4710.00 ft (KB) To 4760.00 ft (KB) (TVD)**  
Total Depth: **4760.00 ft (KB) (TVD)**  
Hole Diameter: **7.88 inches** Hole Condition: Fair

Test Type: Conventional Bottom Hole  
Tester: Brandon Domsch  
Unit No: 25  
Reference Elevations: 3045.00 ft (KB)  
3035.00 ft (CF)  
KB to GR/CF: 10.00 ft

**Serial #: 8353**      **Inside**  
Press@RunDepth: 48.42 psig @ 4711.00 ft (KB)  
Start Date: 2008.09.15      End Date: 2008.09.15  
Start Time: 16:03:05      End Time: 23:14:59

Capacity: 7000.00 psig  
Last Calib.: 2008.09.15  
Time On Btm: 2008.09.15 @ 18:28:00  
Time Off Btm: 2008.09.15 @ 21:21:29

TEST COMMENT: IF Built to 1 inch died back to 1/2 inch  
IS No return  
FF No blow  
FS No return  
**CONFIDENTIAL**  
**SEP 26 2008**



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2330.83	119.27	Initial Hydro-static
1	18.13	118.75	Open To Flow (1)
32	32.71	121.00	Shut-In(1)
79	1015.37	120.81	End Shut-In(1)
79	35.72	120.69	Open To Flow (2)
105	48.42	122.59	Shut-In(2)
172	991.92	123.13	End Shut-In(2)
174	2337.86	123.84	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	M 100% m	0.05
0.00	GIP 0	0.00

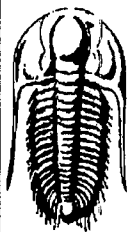
## Gas Rates

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

RECEIVED  
KANSAS CORPORATION COMMISSION

**SEP 29 2008**





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Lario  
301 S Market  
Wichita, KS 67202  
ATTN: Curtis Covey

**Stoppel #1-31**  
**31 18 33 Scott KS**  
Job Ticket: 33505      **DST#: 3**  
Test Start: 2008.09.15 @ 16:03:05

## Mud and Cushion Information

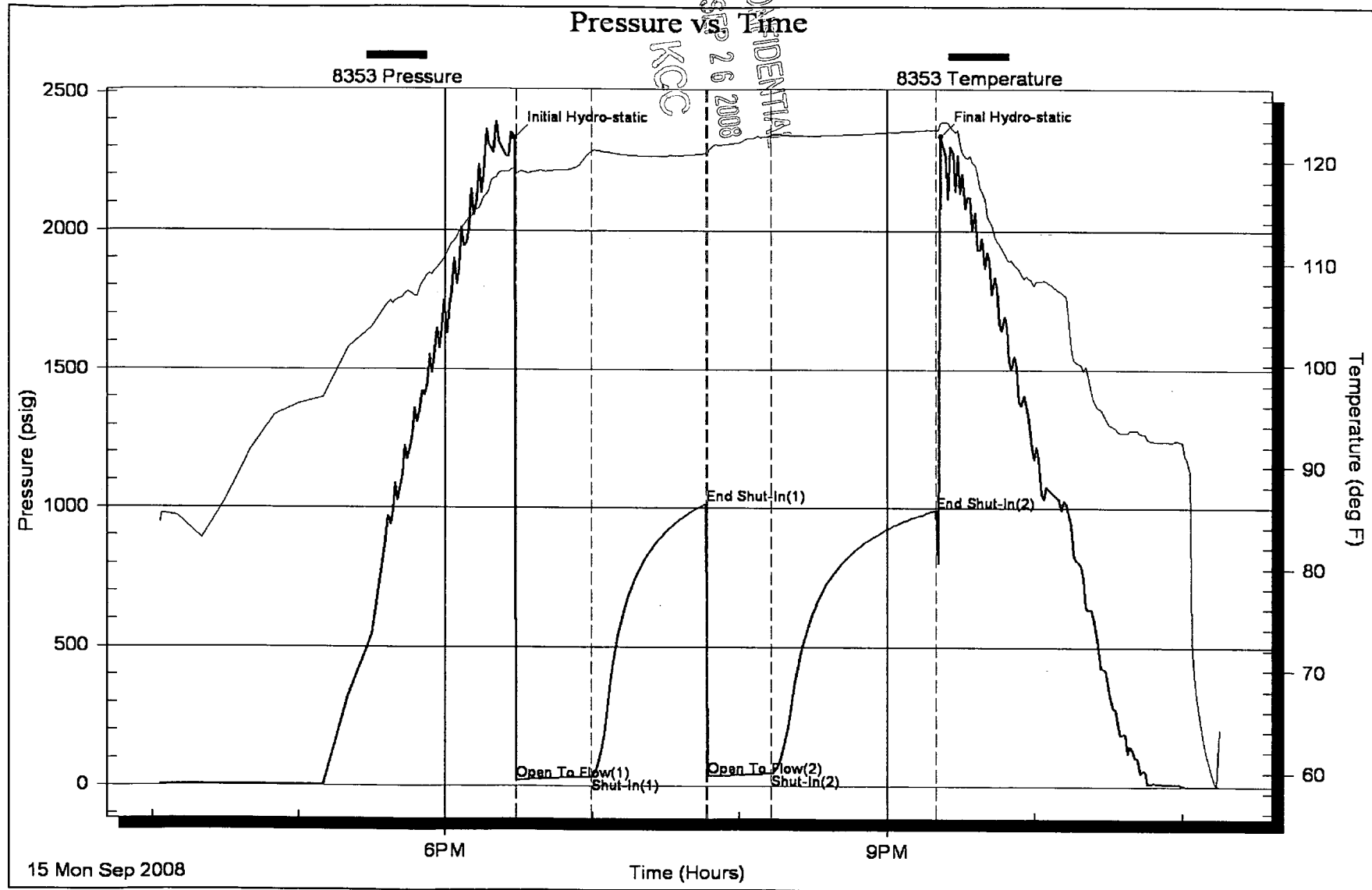
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 65.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.20 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 3900.00 ppm			
Filter Cake: 1.00 inches			

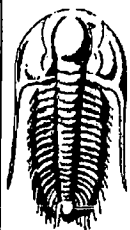
## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	M 100%m	0.049
0.00	GIP 0	0.000

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:





**TRILOBITE TESTING, INC.**

**DRILL STEM TEST REPORT**

Lario  
301 S Market  
Wichita, KS 67202  
ATTN: Curtis Covey

**Stoppel #1-31**  
**31 18 33 Scott Ks**  
Job Ticket: 33506      **DST#: 4**  
Test Start: 2008.09.17 @ 09:34:05

**GENERAL INFORMATION:**

Formation: **Miss.**  
Deviated: No      Whipstock:      ft (KB)  
Time Tool Opened: 12:09:30  
Time Test Ended: 17:11:59  
Interval: **4810.00 ft (KB) To 4925.00 ft (KB) (TVD)**  
Total Depth: **4925.00 ft (KB) (TVD)**  
Hole Diameter: **7.88 inches** Hole Condition: Fair  
Test Type: Conventional Bottom Hole  
Tester: Brandon Domsch  
Unit No: 25  
Reference Elevations: 3045.00 ft (KB)  
3035.00 ft (CF)  
KB to GR/CF: 10.00 ft

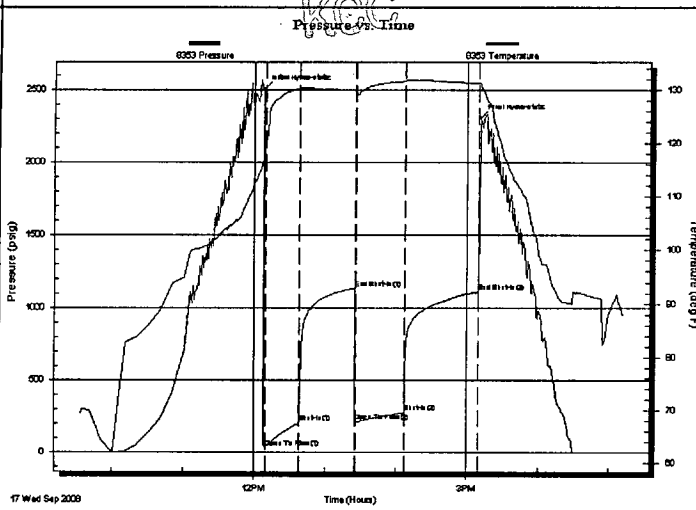
**Serial #: 8353**

**Inside**

Press@RunDepth: 279.74 psig @ 4811.00 ft (KB)      Capacity: 7000.00 psig  
Start Date: 2008.09.17      End Date: 2008.09.17      Last Calib.: 2008.09.17  
Start Time: 09:34:05      End Time: 17:11:59      Time On Btm: 2008.09.17 @ 12:08:00  
Time Off Btm: 2008.09.17 @ 15:10:29

**TEST COMMENT:**

**CONFIDENTIAL**  
IF BOB in 22 mins  
IS No return  
FF BOB in 29 mins  
FS No return  
SEP 20 2008



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2509.75	116.79	Initial Hydro-static
2	39.16	120.25	Open To Flow (1)
31	206.08	130.20	Shut-In(1)
77	1138.45	129.94	End Shut-In(1)
78	212.79	129.67	Open To Flow (2)
119	279.74	131.54	Shut-In(2)
181	1112.62	131.22	End Shut-In(2)
183	2309.01	130.98	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bbl)
45.00	M 100% m	0.22
285.00	MCW 80% w 20% m	1.40
235.00	M&W 50% w 50% m	2.46
0.00	GIP 0	0.00
0.00	RW= .173@73F= 42000	0.00

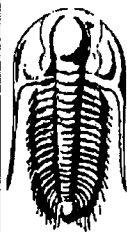
**Gas Rates**

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

**RECEIVED**  
KANSAS CORPORATION COMMISSION

**SEP 29 2008**

CONSERVATION DIVISION  
WICHITA, KS



**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Lario  
301 S Market  
Wichita, KS 67202  
ATTN: Curtis Covey

**Stoppel #1-31**  
**31 18 33 Scott Ks**  
Job Ticket: 33506      **DST#: 4**  
Test Start: 2008.09.17 @ 09:34:05

### 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:	42000 ppm
Viscosity:	65.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.19 in <sup>3</sup>	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3900.00 ppm				
Filter Cake:	1.00 inches				

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	M 100%m	0.221
285.00	MCW 80%w 20%m	1.402
235.00	M&W 50%w 50%m	2.458
0.00	GIP 0	0.000
0.00	RW= .173@73F= 42000	0.000

Total Length: 565.00 ft      Total Volume: 4.081 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:

