



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1100759
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1100759

Operator Name: _____ Lease Name: _____ Well #: _____

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

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

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
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Cook Trust 2-1
Doc ID	1100759

Tops

Name	Top	Datum
Heebner	3954	-984
Lansing	3998	-1028
Stark Shale	4224	-1254
Hushpuckney	4259	-1289
Base KC	4291	-1321
Marmaton	4347	-1377
Pawnee	4420	-1450
Ft. Scott	4451	-1481
Johnson	4547	-1577
Morrow	4564	-1594
Basal Penn	4592	-1622
Mississippian	4604	-1634

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



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

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

Sam Brownback, Governor

November 27, 2012

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

Re: ACO1
API 15-109-21133-00-00
Cook Trust 2-1
NE/4 Sec.01-13S-32W
Logan 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



INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 133621
Invoice Date: Nov 14, 2012
Page: 1

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



AFE 12-294
12-3-12 LK

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

Customer ID	Well Name/# or Customer P.O.	Payment Terms	
Lario	Cook Trust #2-1	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Nov 14, 2012	12/14/12

Quantity	Item	Description	Unit Price	Amount
175.00	MAT	Class A Common	17.90	3,132.50
3.00	MAT	Gel	23.40	70.20
6.00	MAT	Chloride	64.00	384.00
188.50	SER	Cubic Feet	2.48	467.48
344.15	SER	Ton Mileage	2.60	894.40
1.00	SER	Surface	1,512.25	1,512.25
40.00	SER	Pump Truck Mileage	7.70	308.00
1.00	SER	Manifold Head Rental -- No Charge		
40.00	SER	Light Vehicle Mileage	4.40	176.00
1.00	EQP	8.5/8 Wooden Plug	107.64	107.64
1.00	CEMENTER	LaRene Wentz		
1.00	EQUIP OPER	Wayne McGhghy		
1.00	OPER ASSIST	Paul Beaver		

Surface cont

[Handwritten signature]

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

\$ 2186.26

ONLY IF PAID ON OR BEFORE
Dec 9, 2012

Subtotal	7,052.47
Sales Tax	288.16
Total Invoice Amount	7,340.63
Payment/Credit Applied	
TOTAL	7,340.63

ALLIED OIL & GAS SERVICES, LLC 056343

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Daklay, Ks.

DATE <u>11-14-12</u>	SEC. <u>1</u>	TWP. <u>13</u>	RANGE <u>32</u>	CALLED OUT	ON LOCATION <u>2:30 am</u>	JOB START <u>5:30 a</u>	JOB FINISH <u>6:00 a</u>
LEASE <u>Frank</u>	WELL # <u>2-1</u>	LOCATION <u>Daklay, Ks 11S, 2E,</u>			COUNTY <u>Logan</u>	STATE <u>Ks</u>	
OLD OR NEW (Circle one) <u>NEW</u>				<u>54 W info</u>		<u>1.01</u>	<u>7.8</u>

CONTRACTOR Pickrell 10 OWNER same

TYPE OF JOB Surface

HOLE SIZE 12 1/4" T.D. 269' CEMENT AMOUNT ORDERED 175 SK Cement 3% gel

CASING SIZE 8 1/2" DEPTH 269'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSO. 151

PERFS.

DISPLACEMENT 16.25

EQUIPMENT

PUMP TRUCK # 431 CEMENTER Wahne Wenzel

BULK TRUCK # 347 DRIVER Paul Beaver

BULK TRUCK # DRIVER

HANDLING 188.5 RT'S @ 2.40 462.40

MILEAGE 266.4 X 40 X 2.60 2784.80

TOTAL 4248.20

REMARKS: MAX 175 SK cement

Displace with water

Cement did circulate

Thank you.

CHARGE TO: Lands Oil & Gas Co.

STREET

CITY STATE ZIP

TOTAL 1986.25

PLUG & FLOAT EQUIPMENT

ceconer plug @ 102.64

TOTAL 102.64

SALES TAX (If Any) 288.15

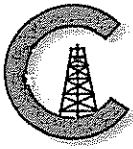
TOTAL CHARGES 7,052.47

DISCOUNT 2186.26 IF PAID IN 30 DAYS

PRINTED NAME Toby Leach

SIGNATURE Toby Leach

Bid 3120 4866.21



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 # 254822

Invoice Date: 11/27/2012 Terms: 10/10/30,n/30 Page 1

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

COOK TRUST 2-1
39172
1-13-32
11-25-2012
KS

Drilling
AFE 12-294
CK 11/29/12

Part Number	Description	Qty	Unit Price	Total
1131	60/40 POZ MIX	205.00	15.1000	3095.50
1118B	PREMIUM GEL / BENTONITE	705.00	.2500	176.25
1107	FLO-SEAL (25#)	51.00	2.8200	143.82
4432	8 5/8" WOODEN PLUG	1.00	96.0000	96.00
1111	SODIUM CHLORIDE (GRANULA	100.00	.0000	.00

Sublet Performed	Description	Total
9996-130	CEMENT MATERIAL DISCOUNT	-351.16
9995-130	CEMENT EQUIPMENT DISCOUNT	-178.50

Description	Hours	Unit Price	Total
399 P & A NEW WELL	1.00	1325.00	1325.00
399 EQUIPMENT MILEAGE (ONE WAY)	10.00	5.00	50.00
566 MIN. BULK DELIVERY	1.00	410.00	410.00

af
XC
XC

Amount Due 5570.48 if paid after 12/27/2012

Parts:	3511.57	Freight:	.00	Tax:	246.52	AR	5013.43
Labor:	.00	Misc:	.00	Total:	5013.43		
Sublt:	-529.66	Supplies:	.00	Change:	.00		

Signed _____ Date _____



CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 39172
LOCATION Oakley, KS
FOREMAN Kelly Gabe

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
11-25-12	4793	COOK+RUST 2-1	1	13	32	Logan
CUSTOMER LORD OIL & GAS			OAKLEY			
MAILING ADDRESS			115			
CITY			1 1/2 E			
STATE			S & W			
ZIP CODE			INTD			
TRUCK #	DRIVER	TRUCK #	DRIVER			
399	Tim W					
566	Jordan					

JOB TYPE PTA HOLE SIZE 7/8 HOLE DEPTH 4121 CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: safety meeting, mixed cement plugs & displaced, washed out pumps & lines, rigged down
25 @ 2492
100 SKS @ 1413
40 SKS @ 314
10 SKS @ 40
30 SKS RH

*Thank You
Kelly & crew*

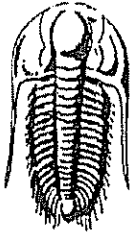
ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5405N	1	PUMP CHARGE	1325 ⁰⁰	1325 ⁰⁰
5406	10	MILEAGE	5 ⁰⁰	50 ⁰⁰
1131	205 SKS	60/40 Poz	15 ¹⁰	3095 ⁵⁰
1118B	705 th	Bentonite	125	176 ²⁵
1107	51	Flo-seal	282	14382
5407	8.81	Ten mileage delivery (min)	167	1478 ⁰⁰
41432	1	8 5/8 wooden Plug	96 ⁰⁰	96 ⁰⁰
1111	100 th	scelt		N/C
				5296 ⁵¹
		Lead 100 th disc		529 ⁵⁵
				4766 ⁹¹
		SALES TAX		246.52
		ESTIMATED TOTAL		5013.43

Ravin 3737
8:00 PM AUTHORIZATION Jef Led

TITLE _____ DATE 11-25-12

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 form.

254822



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil And Gas
201 S Market St.
Wichita Ks
67202
ATTN: Steve Davis

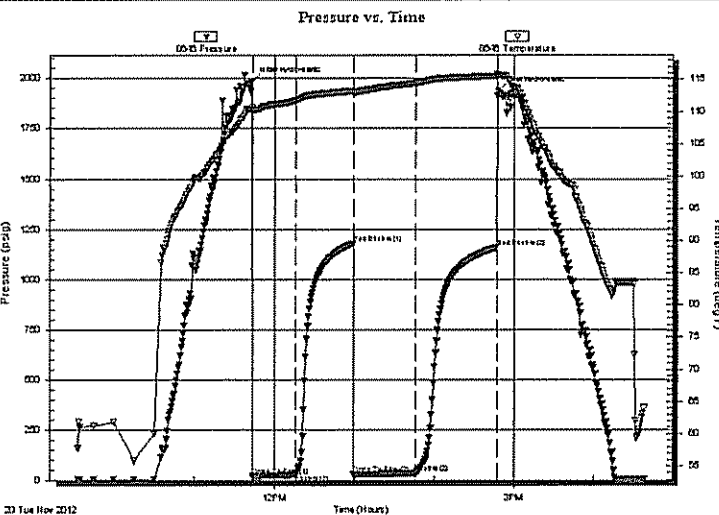
1-13-32 Logan Co KS
2 1 Cook Trust
Job Ticket: 51303 DST#: 1
Test Start: 2012.11.20 @ 09:33:15

GENERAL INFORMATION:

Formation: D
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:43:30
Time Test Ended: 16:38:15
Interval: 4064.00 ft (KB) To 4090.00 ft (KB) (TVD)
Total Depth: 4090.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: Mike Roberts
Unit No: 65
Reference Elevations: 2974.00 ft (KB)
2969.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8646 Inside
Press@RunDepth: 34.69 psig @ 4065.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.11.20 End Date: 2012.11.20 Last Calib.: 2012.11.20
Start Time: 09:33:15 End Time: 16:38:15 Time On Btm: 2012.11.20 @ 11:43:15
Time Off Btm: 2012.11.20 @ 14:48:15

TEST COMMENT: IF: Built to 1" blow
IS: No return blow
FF: Built to 1 1/2" blow
FS: No return blow



PRESSURE SUMMARY

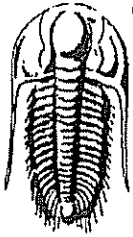
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1986.65	110.74	Initial Hydro-static
1	19.36	109.91	Open To Flow (1)
33	27.49	111.70	Shut-In(1)
76	1179.31	113.21	End Shut-In(1)
77	28.17	112.66	Open To Flow (2)
123	34.69	114.46	Shut-In(2)
184	1157.78	115.57	End Shut-In(2)
185	1936.10	115.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	free oil	0.03
20.00	mud 100% m	0.28

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil And Gas

1-13-32 Logan Co KS

201 S Market St.
Wichita Ks
67202

2 1 Cook Trust

Job Ticket: 51303

DST#: 1

ATTN: Steve Davis

Test Start: 2012.11.20 @ 09:33:15

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 52.00 sec/qt

Water Loss: 8.77 in³

Resistivity: 0.00 ohm.m

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

0 deg API

Water Salinity: 0 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	free oil	0.028
20.00	mud 100% m	0.281

Total Length: 22.00 ft Total Volume: 0.309 bbl

Num Fluid Samples: 0

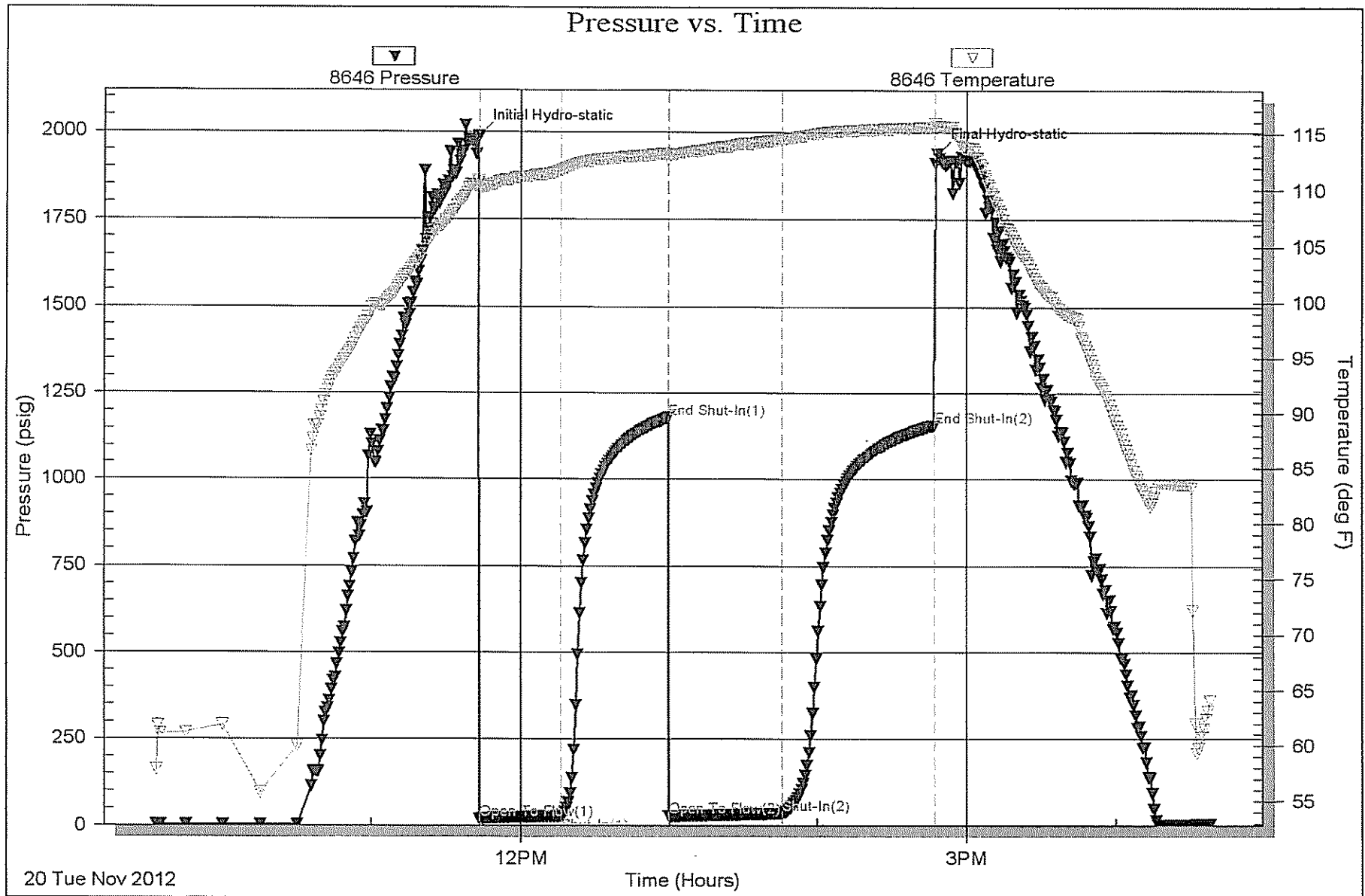
Num Gas Bombs: 0

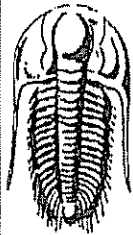
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil And Gas
201 S Market St.
Wichita Ks
67202
ATTN: Steve Davis

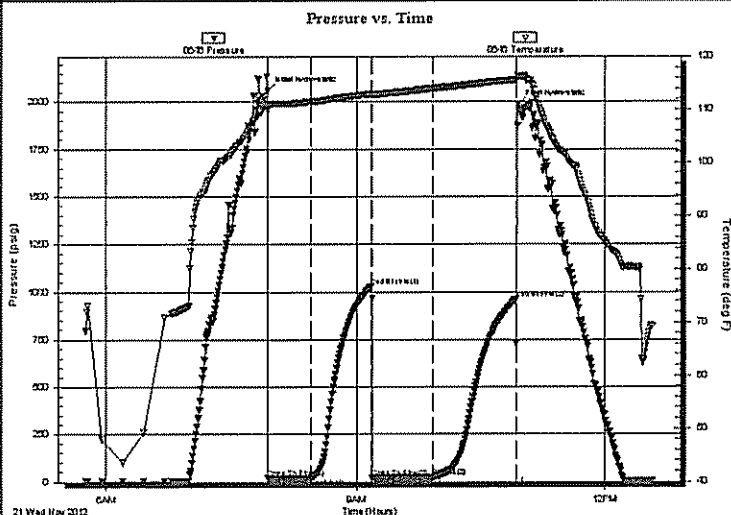
1-13-32 Logan Co KS
2 1 Cook Trust
Job Ticket: 51304 DST#: 2
Test Start: 2012.11.21 @ 05:45:15

GENERAL INFORMATION:

Formation: **H**
Deviated: **No** Whipstock: ft (KB)
Time Tool Opened: 07:56:00
Time Test Ended: 12:34:30
Interval: **4134.00 ft (KB) To 4168.00 ft (KB) (TVD)**
Total Depth: **4134.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Fair**
Test Type: **Conventional Bottom Hole (Reset)**
Tester: **Mike Roberts**
Unit No: **65**
Reference Elevations: **2974.00 ft (KB)**
2969.00 ft (CF)
KB to GR/CF: **5.00 ft**

Serial #: 8646 **Inside**
Press@RunDepth: **23.65 psig @ 4135.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2012.11.21** End Date: **2012.11.21** Last Calib.: **2012.11.21**
Start Time: **05:45:15** End Time: **12:34:30** Time On Btm: **2012.11.21 @ 07:55:45**
Time Off Btm: **2012.11.21 @ 10:57:00**

TEST COMMENT: IF: Built to 1" blow
IS: No return blow
FF: Weak surface blow died in 5 min.
FS: No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2058.41	111.12	Initial Hydro-static
1	19.72	109.77	Open To Flow (1)
31	20.60	111.46	Shut-In(1)
75	1031.14	112.98	End Shut-In(1)
76	20.94	112.73	Open To Flow (2)
120	23.65	113.96	Shut-In(2)
180	960.98	115.61	End Shut-In(2)
182	1987.94	116.43	Final Hydro-static

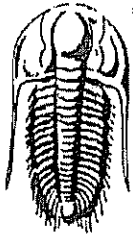
Recovery

Length (ft)	Description	Volume (bbl)
1.00	free oil	0.01
10.00	m 100%m	0.14

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oi And Gas

1-13-32 Logan Co KS

201 S Market St.
Wichita Ks
67202

2 1 Cook Trust

Job Ticket: 51304

DST#: 2

ATTN: Steve Davis

Test Start: 2012.11.21 @ 05:45:15

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 52.00 sec/qt

Water Loss: 8.77 in³

Resistivity: 0.00 ohm.m

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

0 deg API

Water Salinity:

0 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	free oil	0.014
10.00	m 100%m	0.140

Total Length: 11.00 ft Total Volume: 0.154 bbl

Num Fluid Samples: 0

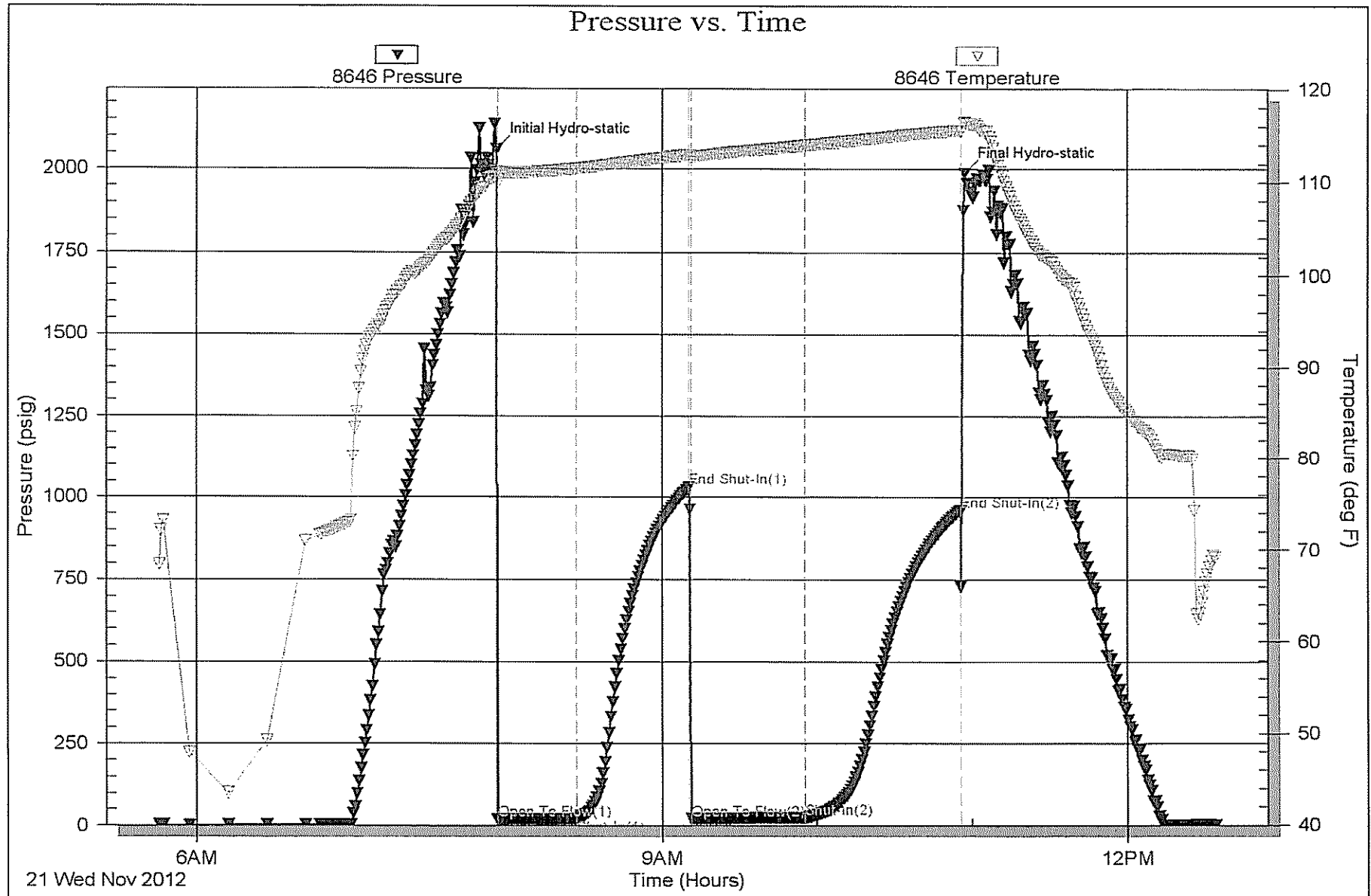
Num Gas Bombs: 0

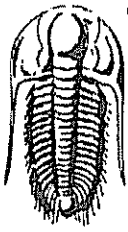
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil And Gas

1-13-32 Logan Co KS

201 S Market St.
Wichita Ks
67202

2 1 Cook Trust

Job Ticket: 51305

DST#: 3

ATTN: Steve Davis

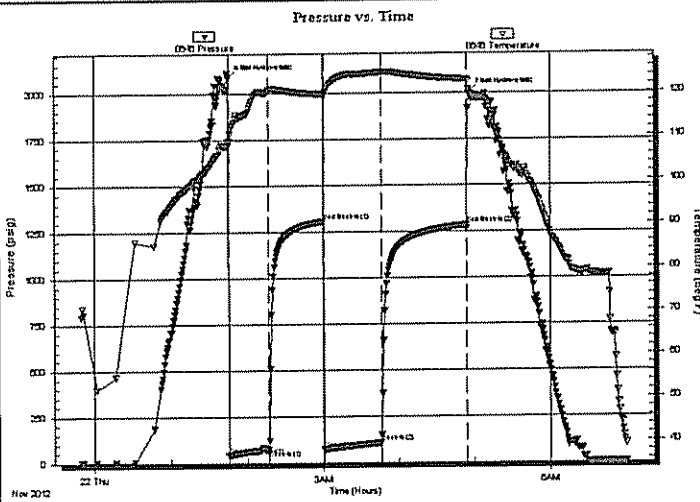
Test Start: 2012.11.21 @ 23:50:15

GENERAL INFORMATION:

Formation: I-J
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 01:45:15
 Time Test Ended: 07:00:15
 Interval: 4172.00 ft (KB) To 4226.00 ft (KB) (TVD)
 Total Depth: 4226.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Mike Roberts
 Unit No: 65
 Reference Elevations: 2974.00 ft (KB)
 2969.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8646 Inside
 Press@RunDepth: 106.76 psig @ 4208.00 ft (KB)
 Start Date: 2012.11.21 End Date: 2012.11.22
 Start Time: 23:50:15 End Time: 07:00:15
 Capacity: 8000.00 psig
 Last Calib.: 2012.11.22
 Time On Btm: 2012.11.22 @ 01:45:00
 Time Off Btm: 2012.11.22 @ 04:55:45

TEST COMMENT: IF: Built to 7" blow
 IS: No return blow
 FF: Built to 7 1/2" blow
 FS: No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2084.01	108.77	Initial Hydro-static
1	40.03	108.03	Open To Flow (1)
32	69.68	120.49	Shut-In(1)
75	1308.40	119.69	End Shut-In(1)
76	72.75	119.11	Open To Flow (2)
121	106.76	124.66	Shut-In(2)
189	1286.33	122.88	End Shut-In(2)
191	1998.58	120.24	Final Hydro-static

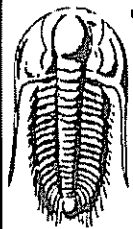
Recovery

Length (ft)	Description	Volume (bbl)
180.00	w cm 20%w 80%m	2.52

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil And Gas
 201 S Market St.
 Wichita Ks
 67202
 ATTN: Steve Davis

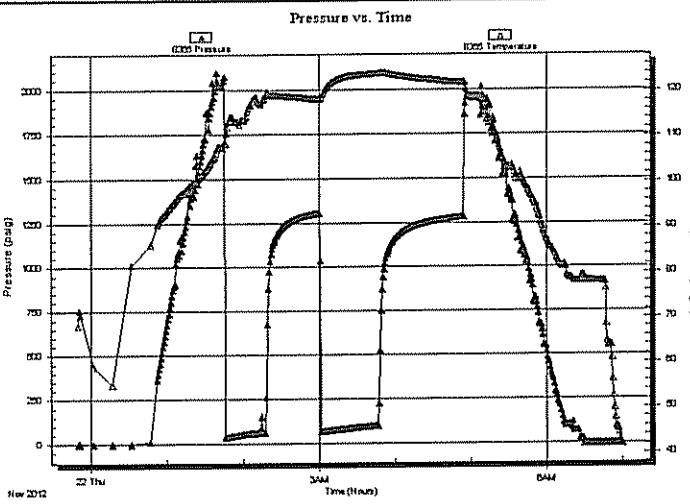
1-13-32 Logan Co KS
2 1 Cook Trust
 Job Ticket: 51305 DST#: 3
 Test Start: 2012.11.21 @ 23:50:15

GENERAL INFORMATION:

Formation:	I-J	Test Type:	Conventional Bottom Hole (Reset)
Deviated:	No Whipstock:	Tester:	Mike Roberts
Time Tool Opened:	01:45:15	Unit No:	65
Time Test Ended:	07:00:15	Reference Elevations:	2974.00 ft (KB)
Interval:	4172.00 ft (KB) To 4226.00 ft (KB) (TVD)		2969.00 ft (CF)
Total Depth:	4226.00 ft (KB) (TVD)	KB to GR/CF:	5.00 ft
Hole Diameter:	7.88 inches Hole Condition: Fair		

Serial #: 8365	Outside				
Press@RunDepth:	psig @ 4208.00 ft (KB)	Capacity:	8000.00 psig		
Start Date:	2012.11.21	End Date:	2012.11.22	Last Calib.:	2012.11.22
Start Time:	23:50:15	End Time:	07:00:30	Time On Blm:	
				Time Off Blm:	

TEST COMMENT: IF: Built to 7" blow
 IS: No return blow
 FF: Built to 7 1/2" blow
 FS: No return blow

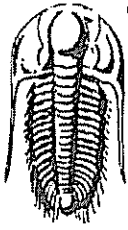


PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery		
Length (ft)	Description	Volume (bbl)
180.00	w cm 20%w 80%m	2.52

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oi And Gas

1-13-32 Logan Co KS

201 S Market St.
Wichita Ks
67202

2 1 Cook Trust

Job Ticket: 51305

DST#: 3

ATTN: Steve Davis

Test Start: 2012.11.21 @ 23:50:15

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 57.00 sec/qt

Water Loss: 8.78 in³

Resistivity: 0.00 ohm.m

Salinity: 3400.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

0 deg API

Water Salinity: 24000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	w cm 20%w 80%m	2.525

Total Length: 180.00 ft Total Volume: 2.525 bbl

Num Fluid Samples: 0

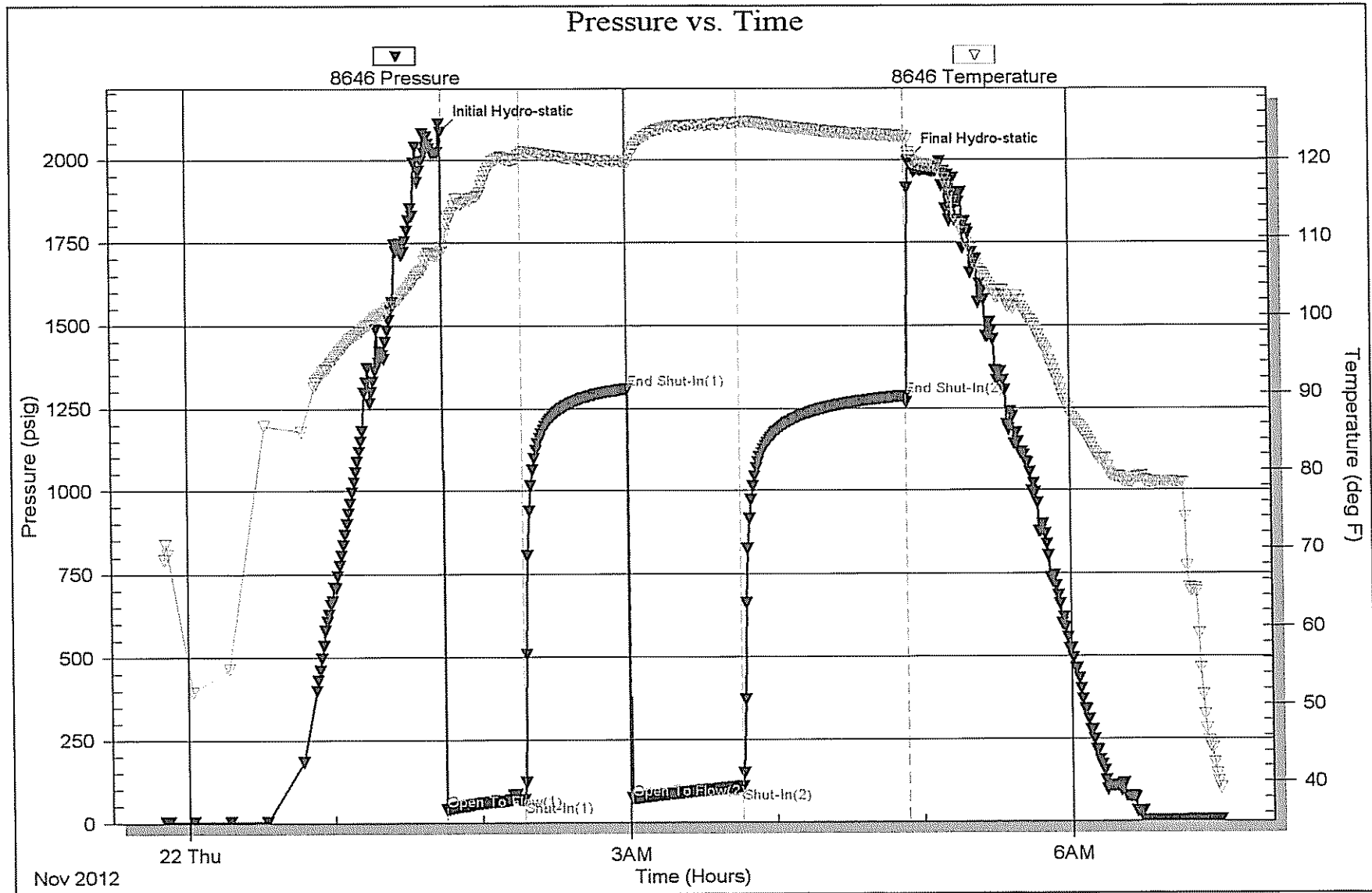
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW= .40 @ 37.3=24,000 ppm

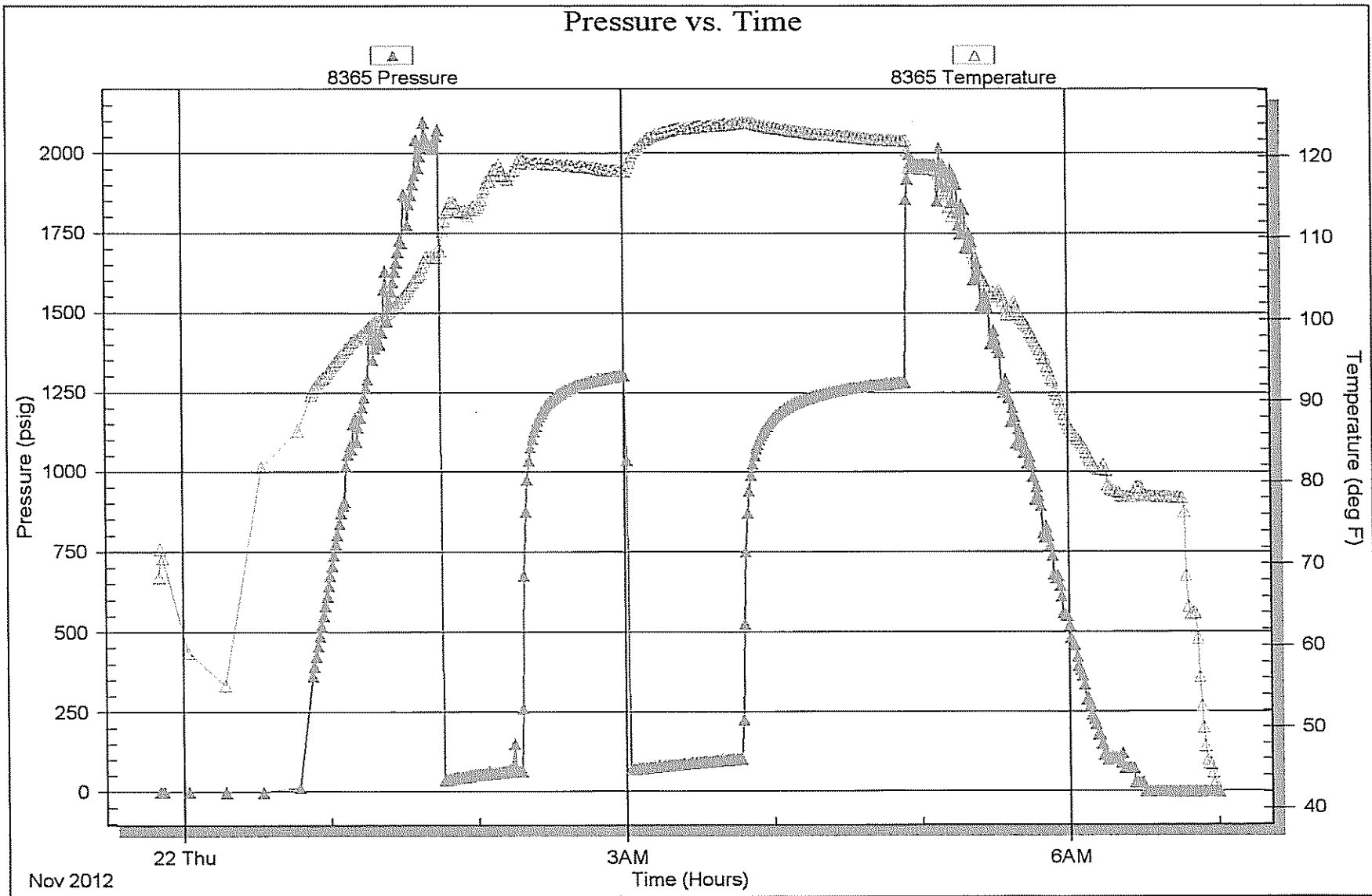


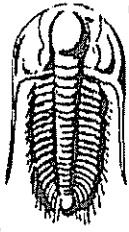
Serial #: 8365

Outside Lario Oi And Gas

2 1 Cock Trust

DST Test Number: 3





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Lario Oil And Gas

201 S Market St.
Wichita Ks
67202
ATTN: Steve Davis

1-13-32 Logan Co KS

2 1 Cook Trust

Job Ticket: 51306 DST#: 4

Test Start: 2012.11.23 @ 22:28:15

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:22:30

Time Test Ended: 05:58:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

Interval: 4524.00 ft (KB) To 4564.00 ft (KB) (TVD)

Total Depth: 4564.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2974.00 ft (KB)

2969.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8646

Inside

Press@RunDepth: 24.84 psig @ 4559.00 ft (KB)

Start Date: 2012.11.23

End Date:

2012.11.24

Start Time: 22:28:15

End Time:

05:58:30

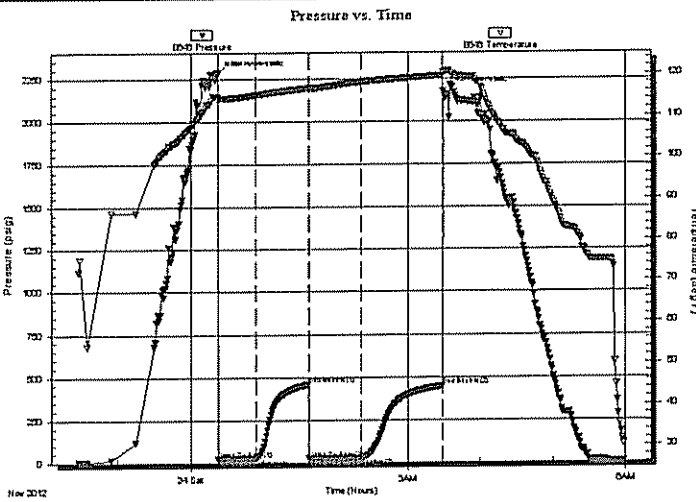
Capacity: 8000.00 psig

Last Calib.: 2012.11.24

Time On Btm: 2012.11.24 @ 00:22:15

Time Off Btm: 2012.11.24 @ 03:29:00

TEST COMMENT: IF: Built to 1/2" blow
IS: No return blow
FF: Built to weak surface blow
FS: No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2280.79	114.61	Initial Hydro-static
1	22.00	113.64	Open To Flow (1)
32	23.86	114.93	Shut-In(1)
75	456.68	116.53	End Shut-In(1)
76	23.78	116.40	Open To Flow (2)
119	24.84	118.06	Shut-In(2)
186	446.12	119.54	End Shut-In(2)
187	2175.81	120.10	Final Hydro-static

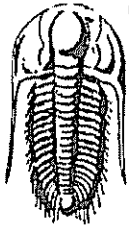
Recovery

Length (ft)	Description	Volume (bbl)
1.00	free oil	0.01
10.00	mud 100% m	0.14

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oi And Gas

1-13-32 Logan Co KS

201 S Market St.
Wichita Ks
67202

2 1 Cook Trust

Job Ticket: 51306

DST#: 4

ATTN: Steve Davis

Test Start: 2012.11.23 @ 22:28:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 61.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
1.00	free oil	0.014
10.00	mud 100% _m	0.140

Total Length: 11.00 ft Total Volume: 0.154 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

