

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

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

Gas DH EOR

OG GSW

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 EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

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 Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

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 <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 Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
--	---

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				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/Injection:	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: <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>	PRODUCTION INTERVAL: Top Bottom
---	---	------------------------------------

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
----------------	-------	---------	------------	--

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Dearden Trust 3-5
Doc ID	1285831

Tops

Name	Top	Datum
Heebner	3889	-908
Lansing	3940	-959
Stark Shale	4211	-1230
Hushpuckney	4253	-1272
Base KC	4315	-1334
Marmaton	4340	-1359
Pawnee	4430	-1449
Ft. Scott	4450	-1469
Johnson	4532	-1551
Morrow	4550	-1569
Mississippian	4562	-1581

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Dearden Trust 3-5
Doc ID	1285831

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	353	Poz	245	3% cc, 2% gel
Production	7.875	5.5	15.5	4628	OWC	148	5# Kolseal
Production	7.875	5.5	15.5	3153	60/40 Poz	363	1/4# flo seal
Production	7.875	5.5	15.5	3153	OWC	75	5# Kolseal

Summary of Changes

Lease Name and Number: Dearden Trust 3-5

API/Permit #: 15-171-21160-00-00

Doc ID: 1285831

Correction Number: 1

Approved By: Karen Ritter

Field Name	Previous Value	New Value
Plug Back Total Depth	44607	4614
Save Link	../../../../kcc/detail/operatorEditDetail.cfm?docID=1273207	../../../../kcc/detail/operatorEditDetail.cfm?docID=1285831



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1273207
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

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

CONFIDENTIAL 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
-----------------------------------	-----------------	---

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: _____



1 of 1	1002301	1717	12/07/2015
INVOICE NUMBER			
91985877			

Liberal (620) 624-2277
 B LARIO OIL & GAS
 I PO Box: 1093
 L GARDEN CITY
 L KS US 67846
 T
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Dearden Trust 3-5
 O LOCATION
 B COUNTY Scott
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T
 E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40896909	19570-0		Net - 30 days	01/06/2016

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 12/05/2015 to 12/05/2015</i>				
0040896909				
<i>Drilling life 15-102</i>				
<i>12-11-15 JK</i>				
171706640A Cement-New Well Casing/Pi 12/05/2015				
<u>Surface Casing</u>				
60/40 POZ	245.00	EA	3.84	940.80 T
Celloflake	62.00	EA	1.18	73.16 T
Calcium Chloride	633.00	EA	0.34	215.22 T
"Wooden Cmt Plug, 8 5/8""	1.00	EA	152.00	152.00
"Unit Mileage Chg (PU, cars one way)"	100.00	MI	1.44	144.00
Heavy Equipment Mileage	200.00	MI	2.40	480.00
"Proppant & Bulk Del. Chgs., per ton mil	1,055.00	EA	0.80	844.00
Depth Charge; 0-500'	1.00	EA	320.00	320.00
Blending & Mixing Service Charge	245.00	BAG	0.45	110.25
Plug Container Util. Chg.	1.00	EA	80.00	80.00
"Service Supervisor, first 8 hrs on loc.	1.00	EA	56.00	56.00

Acct	Expl	File	CHK	PAY
00				
00				
00				
00				
00				

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	3,415.43
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	104.48
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	3,519.91
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		



1700 S. Country Estates Road
 Liberal, KS 67901
 PH (620)-624-2277 FAX (620) 624-2280

SERVICE ORDER - 1717-06640

Date: 12/5/2015

Well Name: Dearden Trust 3-5	Location: 5,19,31
County - State: Scott, Ks	RRC #:
Type Of Service: Z42 Cement Surface Casing	Customer's Order #:

Customer: Larjo Oil & Gas

Address:

As a consideration, the above named Customer agrees to pay Basic Energy Services in accord with the rates and terms stated in Basic Energy Services current price lists. Invoices are payable NET 30 (SEE 10.2) after date of invoice. Upon Customer's default in payment of Customers account by such date, Customer agrees to pay interest thereon at a default of 18% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer agrees to pay all the collection costs and attorney fees. These terms and conditions shall be governed by the laws of the state where services are performed or equipment or materials are furnished.

Basic Energy Services, warrants only title to the products, supplies and materials and that the same are free from defects in workmanship. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Basic Energy Services, liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, product liability, breach of warranty or otherwise) arising out of the sale or use of any products, supplies, or materials upon their return to Basic Energy Services, is expressly limited to the replacement of such products, supplies or materials or, at Basic Energy Services, option, to the allowance to the Customer of credit for the cost of such items. In no event shall Basic Energy Services be liable for special, indirect, punitive or consequential damages.

CODE	QTY	UOM	DESCRIPTION	PRICE	TOTAL
CL103	245	Sk	60/40 POZ	12.00	2940.00
CC102	62	Lb	Zellofake	3.70	229.40
CC109	633	Lb	Calcium Chloride	1.05	664.65
CF153	1	Ea	Wooden Cement Plug, 8 5/8"	160.00	160.00
E100	100	Mi	Unit Mileage Charge-Pickups, Small Vans & Cars (one way)	4.50	450.00
E101	200	Mi	Heavy Equipment Mileage	7.50	1500.00
E113	1055	Tn/Mi	Proppant and Bulk Delivery Charges, per ton mile	2.50	2637.50
CE200	1	4 Hrs	Depth Charge; 0-500'	1000.00	1000.00
CE240	245	Sk	Blending & Mixing Service Charge	1.40	343.00
CE504	1	Job	Plug Container Utilization Charge	250.00	250.00
S003	1	Ea	Service Supervisor, first 8 hrs on loc.	175.00	175.00
				Book Total:	\$10,349.55
				Taxes:	
				Disc. Price:	\$3,415.43

PUMP TRUCK NUMBER: 38119-19570

DRIVER: C Hinz

A Oliver

BASIC ENERGY SERVICES

THIS JOB WAS SATISFACTORILY COMPLETED YES NO

OPERATION OF EQUIPMENT WAS SATISFACTORY YES NO

PERFORMANCE OF PERSONNEL WAS SATISFACTORY YES NO

William Anderson
 CUSTOMER OR HIS AGENT

Customer Comments or Concerns:



Liberal Yard #1717 - Phone 620-624-2277 - 1700 S. Country Estates Road, Liberal KS 67901

PRESSURE PUMPING Job Log

Customer:	Lario Oil & Gas	Cement Pump No.:	38119-19570	Operator TRK No.:	78940
Address:		Ticket #:	1717-06640	Bulk TRK No.:	14355-37725
City, State, Zip:		Job Type:	Z42 Cement Surface Casing		
Service District:		Well Type:	OIL		
Well Name and No.:	Dearden Trust 3-5	Well Location:	5,19,31	County:	Scott
				State:	Ks

Type of Cmt	Sacks	Additives	Truck Loaded On		
60/40 Poz	245	3% Calcium Chloride, 1/4# Polyflake	14355-37725	Front	Back
				Front	Back
				Front	Back

Lead/Tail:	Weight #1 Gal.	Cu/Ft/sk	Water Requirements	CU. FT.	Man Hours / Personnel	
Lead:	14.8	1.21	5.18	296.45	Man Hours:	2
Tail:					# of Men on Job:	3

Time (am/pm)	(BPM)	Volume (BBLS)	Pumps		Pressure(PSI)		Description of Operation and Materials
			T	C	Tubing	Casing	
19:00							On loc.- Site assesment
19:15							Spot equip.- Rig up
8:00 PM							Start CSG & FE
							CSG on btm- Break circ w/ rig
							Safety Meeting- JSA
							Pressure Test 2000#
20:00	4	52.8				100	Mix and Pump 245 sk 60/40 Poz
8:10 PM	4					100	Drop plug- Disp CSG
	2	11				200	Slow down rate
20:15		21				300	Shut in w/ 300#
							Circ 25 bbls slurry to surface
							Job Complete

Size Hole	12 1/4"	Depth	354'		TYPE	
Size & Wt. Csg.	8 5/8" 23#	Depth	354'	New / Used	Packer	Depth
lbg.		Depth			Retainer	Depth
Top Plugs		Type			Perfs	CIBP

Customer Signature:	Basic Representative:	A Olvera
	Basic Signature:	
	Date of Service:	12/5/2015



1 of 1	1002301	1717	12/07/2015
INVOICE NUMBER			
91985877			

Liberal (620) 624-2277
 B LARIO OIL & GAS
 I PO Box: 1093
 L GARDEN CITY
 L KS US 67846
 T
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Dearden Trust 3-5
 O LOCATION
 B COUNTY Scott
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T
 E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40896909	19570-0		Net - 30 days	01/06/2016

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 12/05/2015 to 12/05/2015</i>				
0040896909				
<i>Drilling rate 15-102</i>				
<i>12-11-15 AK</i>				
171706640A Cement-New Well Casing/Pi 12/05/2015				
<u>Surface Casing</u>				
60/40 POZ	245.00	EA	3.84	940.80 T
Celloflake	62.00	EA	1.18	73.16 T
Calcium Chloride	633.00	EA	0.34	215.22 T
"Wooden Cmt Plug, 8 5/8""	1.00	EA	152.00	152.00
"Unit Mileage Chg (PU, cars one way)"	100.00	MI	1.44	144.00
Heavy Equipment Mileage	200.00	MI	2.40	480.00
"Proppant & Bulk Del. Chgs., per ton mil	1,055.00	EA	0.80	844.00
Depth Charge; 0-500'	1.00	EA	320.00	320.00
Blending & Mixing Service Charge	245.00	BAG	0.45	110.25
Plug Container Util. Chg.	1.00	EA	80.00	80.00
"Service Supervisor, first 8 hrs on loc.	1.00	EA	56.00	56.00

ONLINE PAY			
Acct	Expl	File	
00			
100			0.00
101			0.00
102			0.00
103			0.00
104			0.00
105			0.00
106			0.00
107			0.00
108			0.00
109			0.00
110			0.00

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	3,415.43
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	104.48
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	3,519.91
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		



Liberal Yard #1717 - Phone 620-624-2277 - 1700 S. Country Estates Road, Liberal KS 67901

PRESSURE PUMPING Job Log

Customer:	Lario Oil & Gas	Cement Pump No.:	38119-19570	Operator TRK No.:	78940
Address:		Ticket #:	1717-06640	Bulk TRK No.:	14355-37725
City, State, Zip:		Job Type:	Z42 Cement Surface Casing		
Service District:		Well Type:	OIL		
Well Name and No.:	Dearden Trust 3-5	Well Location:	5,19,31	County:	Scott
				State:	Ks

Type of Cmt	Sacks	Additives		Truck Loaded On			
60/40 Poz	245	3% Calcium Chloride, 1/4# Polyflake		14355-37725	Front Back		
					Front Back		
					Front Back		
Lead/Tail:	Weight #1 Gal.	Cu/Ft/sk	Water Requirements		CU. FT.		
Lead:	14.8	1.21	5.18		296.45		
Tail:					Man Hours / Personnel		
					Man Hours: 2		
					# of Men on Job: 3		
Time (am/pm)	(BPM)	Volume (BBLS)	Pumps		Pressure(PSI)	Description of Operation and Materials	
			T	C	Tubing		Casing
19:00							On loc.- Site assesment
19:15							Spot equip.- Rig up
8:00 PM							Start CSG & FE
							CSG on btm- Break circ w/ rig
							Safety Meeting- JSA
							Pressure Test 2000#
20:00	4	52.8				100	Mix and Pump 245 sk 60/40 Poz
8:10 PM	4					100	Drop plug- Disp CSG
	2	11				200	Slow down rate
20:15		21				300	Shut in w/ 300#
							Circ 25 bbls slurry to surface
							Job Complete

Size Hole	12 1/4"	Depth	354'		TYPE	
Size & Wt. Csg.	8 5/8" 23#	Depth	354'	New / Used	Packer	Depth
tbg.		Depth			Retainer	Depth
Top Plugs		Type			Perfs	CIBP

Customer Signature:	Basic Representative:	A Olivera
	Basic Signature:	
	Date of Service:	12/5/2015



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# 806657

Invoice Date: 12/21/15 Terms: C.O.D. Page 1

LARIO OIL & GAS
 P.O. BOX 1093
 GARDEN CITY KS 637846
 USA
 3162655611

DEARDEN TRUST 3-5
 completion ^{AFE} 15-102
 12-28-15 JK

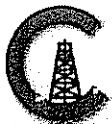
Part No	Description	Quantity	Unit Price	Discount(%)	Total
CE0453	Cement Pump Charge 4001' - 5000'	1.000	2,800.0000	35.000	1,820.00
CE0002	Equipment Mileage Charge - Heavy Equipment	40.000	7.1500	35.000	185.90
CE0710	Cement Delivery Charge	1.000	2,170.0000	35.000	1,410.50
CC5862	ThixoBlend III	225.000	26.0000	35.000	3,802.50
CC6077	Kolseal	1,125.000	0.5000	35.000	365.63
CC5831	Lite-Weight Blend VII (60:40:8)	475.000	17.5000	35.000	5,403.13
CC6075	Celloflake	119.000	2.0000	35.000	154.70
CC6125	Mud Flush, Viscous	500.000	1.0000	35.000	325.00
CP8485	5 1/2" Float Shoe, AFU	1.000	585.0000	35.000	380.25
CP8254	5 1/2" Latch Down Plug & Assembly	1.000	400.0000	35.000	260.00
CP8629	5 1/2" Basket	1.000	385.0000	35.000	250.25
CP8554	5 1/2" Centralizer	14.000	81.0000	35.000	737.10
CP8801	5 1/2" DV Tool	1.000	5,970.0000	35.000	3,880.50

Subtotal 29,193.00
 Discounted Amount 10,217.55
 SubTotal After Discount 18,975.45
 Amount Due 31,227.65 If paid after 01/20/16

Tax: 1,322.52
 Total: 20,297.98

[Handwritten Signature]

Acct	Exp	Date	OK TO PAY		
CC			DEC 30 2015		
BY					
BY					
BY					
BY					



CONSOLIDATED
Oil Well Services, LLC

5024

49.29
INVOICE # 806657

TICKET NUMBER 49621
LOCATION Oakley, KS
FOREMAN Jerry Y. Walt

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
12-17-15	4793	Dearden Trust	5	195	31w	Scott
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
Mailing Address			731	Cody R		
CITY			566			
STATE			529-7127	Keith C		
ZIP CODE			714697			

JOB TYPE 2 Stage HOLE SIZE 7 7/8 HOLE DEPTH _____ CASING SIZE & WEIGHT 5 1/2 15.5
 CASING DEPTH 9627 DRILL PIPE _____ TUBING _____ OTHER DV tool @ 3154
 SLURRY WEIGHT 14.2 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 19'
 DISPLACEMENT 109 1/2 / 75 bbl DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting & rig up on Southwind & run float eqpt centralizers on 113, 110, 107, 104, 101, 98, 95, 92, 89, 86, 83, 80, 77, 74 basked on bottom of 76, DV tool on top of 76 run casing to bottom & pump ball thru & circulate 1 1/2 hrs pump 5 bbl H₂O, 50 gal mud flush 5 bbl H₂O spacer mix 150 sks Thixoblend III 5th Kol seal shut down release plug, wash pump & lines displac. with 30 bbl H₂O 79 bbl mud 900^{psi} / 1/2" plug landed @ 1450' release plug back float held open tool @ 1100^{psi} & circulate to 3 hrs pump 5 bbl H₂O mix 425 sks Liteblend VII lead & tail in 75 sks Thixoblend III 5th Kol seal shut down clamp paper lines release plug & displac with 75 1/2 bbl H₂O final lift 1100^{psi} plug landed & tool cased @ 2000^{psi} released back & tool held

20 MH 50 Rat H

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE 0453	1	PUMP CHARGE	2800 ⁰⁰	2800 ⁰⁰
CE 0002	40	MILEAGE	7.15	286 ⁰⁰
CE 0710	31	100 mile per delivery	1.25	217 ⁰⁰
CC 5862	225	Thixoblend III	26 ⁰⁰	5850 ⁰⁰
CC 6077	1125	Kol seal	50	5625 ⁰⁰
CC 5831	475	Lite blend VII	17 ⁵⁰	8312 ⁵⁰
CC 6075	119	Flow seal	2 ⁰⁰	238 ⁰⁰
CC 6125	7326	50 gal mud flush	1 ⁰⁰	500 ⁰⁰
CP 8485	1	5 1/2 AFL float shoe	585 ⁰⁰	585 ⁰⁰
CP 8254	1	5 1/2 Latch down Assy	400 ⁰⁰	400 ⁰⁰
CP 8629	1	5 1/2 basket	385	385 ⁰⁰
GP 8554	14	5 1/2 centralizers	81 ⁰⁰	1134 ⁰⁰
CP 8801	1	5 1/2 DV Tool	5970 ⁰⁰	5970 ⁰⁰
		subtotal		29197 ⁰⁰
		-35%		10217 ⁵⁵
		subtotal		18975 ⁴⁵
		SALES TAX		1322.52
		ESTIMATED TOTAL		20297.98

Flavin 3737

AUTHORIZATION Walt TITLE Foreman DATE _____

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.

Consolidated oil well services

Thursday, November 05, 2015
10:57 AM

Cement Bid For: LARIO OIL AND GAS

Type of Job: PROD 5 1/2" 4,750' TD 3,150' DV

Lease: ~~LOHMEYER~~

County: ~~THOMAS~~

State: KANSAS

Legals- SEC

Dearden Trust 5-195-31W
Scott Co

BOTTOM STAGE: 200 SKS THIXOBLEND III,5# KOLSEAL. 500 GAL MUD FLUSH

YIELD 1.42@13.8 PPG

TOP STAGE:LEAD: 475 SKS 60/40 POZ,8%GEL,1/4# FLO SEAL

YIELD : 1.89 @12.5 PPG

TAIL: 75 SKS THIXOBLEND III,5# KOLSEAL

Pump truck- 2,800.00

40 MILES - 286.00

TOTAL= 3,086.00

5 1/2 FLOAT EQUIP

AFU FLOAT SHOE- 585.00

14 20-CENTRALIZERS- 1,560.00

1-BASKET -385.00

1-DV TOOL 5,970.00

1 LATCHDOWN 400.00

TOTAL= 8,900.00

275 SKS THIXOBLEND III	7,150.00
475 SKS LITE-WEIGHT BLEND VII	7,875.00
1,375# KOLSEAL	6,87.50
118# FLO SEAL	354.00
500 GAL MUD-FLUSH	500.00
33.35 TON MILEAGE	2,334.80
TOTAL	18,901.30

	PUMPTRUCK- 3,086.00
	MATERIAL - 18,901.30
	FLOAT EQUIP- 8,900.00
	SUB TOTAL - 30,887.30
	35% DISC - 10,810.56
	TOTAL = 20,076.74

Scott City
b-E to Rodeo Rd
3-5 to 120
1/2 E. S. S.

TERMS

in consideration of the prices to be charged for Consolidated Oil Well Services, LLC (COWS) services, equipment and products and for the performance of services and supplying of materials, Customer agrees to the following terms and conditions.

Terms. Cash in advance unless satisfactory credit is established. On credit sales, invoices are payable within 30 days of the invoice date. On all invoices not paid within 30 days, Customer agrees to pay COWS interest at the rate of 18% per annum or the maximum rate allowed by law, whichever is higher. In the event COWS retains an attorney to pursue collection of any account, Customer agrees to pay all collection costs and attorney's fees incurred by COWS.

Any applicable federal, state or local sales, use occupation, consumer's or emergency taxes shall be added to the quoted price. All process license fees required to be paid to others will be added to the scheduled prices.

All COWS' prices are subject to change without notice.

SERVICE CONDITIONS

Customer warrants that the well is in proper condition to receive the services, equipment, products and materials to be supplied by COWS. The Customer shall at all time have complete care, custody, and control of the well, the drilling and production equipment at the well, and the premises about the well. A responsible representative of the Customer shall be present to specify depths, pressures, or materials used for any service which is to be performed.

(a) COWS shall not be responsible for any claim, cause of action or demand (hereinafter referred to as a "claim") for damage to property, or injury to or death of employees and representatives, of Customer or the well owner (if different from Customer), unless such damage, injury or death is caused by the willful misconduct or gross negligence of COWS, including but not limited to sub-surface damage and surface damage arising from sub-surface damage.

(b) Unless a claim is the result of the sole willful misconduct or gross negligence of COWS, Customer shall be responsible for and indemnify and hold COWS harmless from any claim for: (1) reservoir loss or damage, or property damage resulting from sub-surface pressure, losing control of the well and/or a well blowout; (2) damages as a result of a subsurface trespass, or an action in the nature thereof, arising from a service operation performed by COWS; (3) injury to or death of persons, other than employees of COWS, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole; and (4) well damage or reservoir damage caused by (i) loss of circulation, cement invasion, cement misplacement, pumping cement or cement plugs on wells with loss of circulation, including the failure to displace plug to proper depth, (ii) sub-surface pressure and resulting failure to complete pumping of cement or cement plug, including dehydration of cement slurry or flashing, plugged float shoe, annulus bridging or plugging, or (iii) down hole tools being lost or left in the well, or becoming stuck in the well for any reason and by any cause. COWS may furnish down hole tools and may supply supervision for the running and placement of such tools but will not be liable for any damage, loss or result caused by the use of such tools.

Furthermore, Customer will be responsible for the cost to replace such tools if they are lost or left in the well.

(c) COWS makes no guarantee of the effectiveness of any COWS' products, supplies or materials, or the results of any COWS' treatment or services.

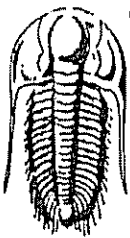
(d) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, COWS is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by COWS. COWS' personnel will use their best efforts in gathering such information and their best judgement in interpreting it, but Customer agrees that COWS shall not be responsible for any damage arising from the use of such information except where due to COWS' gross negligence or willful misconduct in the preparation or furnishing of it.

(e) COWS may buy and re-sell to Customer down hole equipment, including but not limited to float equipment, DV tools, port collars, type A & B packers, and Customer agrees that COWS is not an agent or dealer for the companies who manufacture such items, and further agrees that Customer shall be solely responsible for and indemnify COWS against any claim with regard to the effectiveness, malfunction of, or functionality of such items.

WARRANTIES - LIMITATION OF LIABILITY

COWS warrants title to the products, supplies and materials, and that the same are free from defects in workmanship and materials. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, NOR ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE, WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. COWS's liability and Customer's exclusive remedy in any claim (whether in contract, tort, breach of warranty or otherwise,) arising out of the sale or use of any COWS' products, supplies, materials or services is expressly limited to the replacement of such products, supplies, materials or services or their return to COWS or, at COWS' option, an allowance to Customer of credit for the cost of such items.

Customer waives and releases all claims against COWS for any special, incidental, indirect, consequential or punitive damages.



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Co.

5 19s 31w Scott, Ks

301 S. Market St.
Wichita, Ks 67202

Deardon Trust 3-5

Job Ticket: 64626

DST#: 1

ATTN: Steve Davis

Test Start: 2015.12.10 @ 18:55:00

GENERAL INFORMATION:

Formation: LKC D

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:41:15

Time Test Ended: 01:35:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 69

Interval: 4020.00 ft (KB) To 4040.00 ft (KB) (TVD)

Total Depth: 4040.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2980.00 ft (KB)

2971.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8522

Outside

Press@RunDepth: 93.76 psig @ 4021.00 ft (KB)

Start Date: 2015.12.10

End Date:

2015.12.11

Start Time: 18:55:05

End Time:

01:34:59

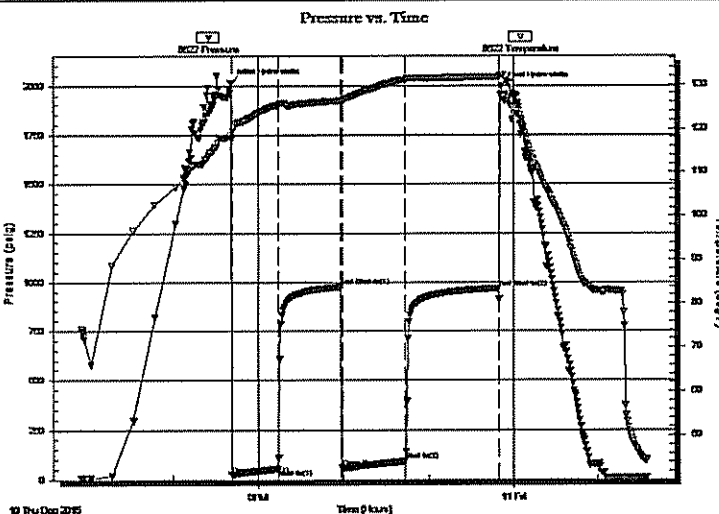
Capacity: 8000.00 psig

Last Calib.: 2015.12.11

Time On Btm: 2015.12.10 @ 20:41:00

Time Off Btm: 2015.12.10 @ 23:51:00

TEST COMMENT: IF: 5 1/2" blow.
IS: No return.
FF: 5" blow.
FS: No return.



PRESSURE SUMMARY

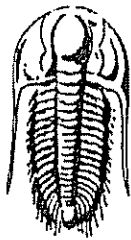
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2012.37	118.57	Initial Hydro-static
1	25.76	117.57	Open To Flow (1)
33	54.94	125.30	Shut-In(1)
77	976.47	126.41	End Shut-In(1)
78	57.67	126.19	Open To Flow (2)
122	93.76	131.15	Shut-In(2)
188	969.02	131.79	End Shut-In(2)
190	1996.17	132.23	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
125.00	mcw 35m 65w	1.75
15.00	oil 100o	0.21

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Co.

5 19s 31w Scott, Ks

301 S. Market St.
Wichita, Ks 67202

Deardon Trust 3-5

Job Ticket: 64626

DST#: 1

ATTN: Steve Davis

Test Start: 2015.12.10 @ 18:55:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 48.00 sec/qt

Water Loss: 7.60 in³

Resistivity: ohm.m

Salinity: 1800.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: 27 deg API

Water Salinity: 34000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
125.00	mcw 35m 65w	1.753
15.00	oil 100o	0.210

Total Length: 140.00 ft Total Volume: 1.963 bbl

Num Fluid Samples: 0

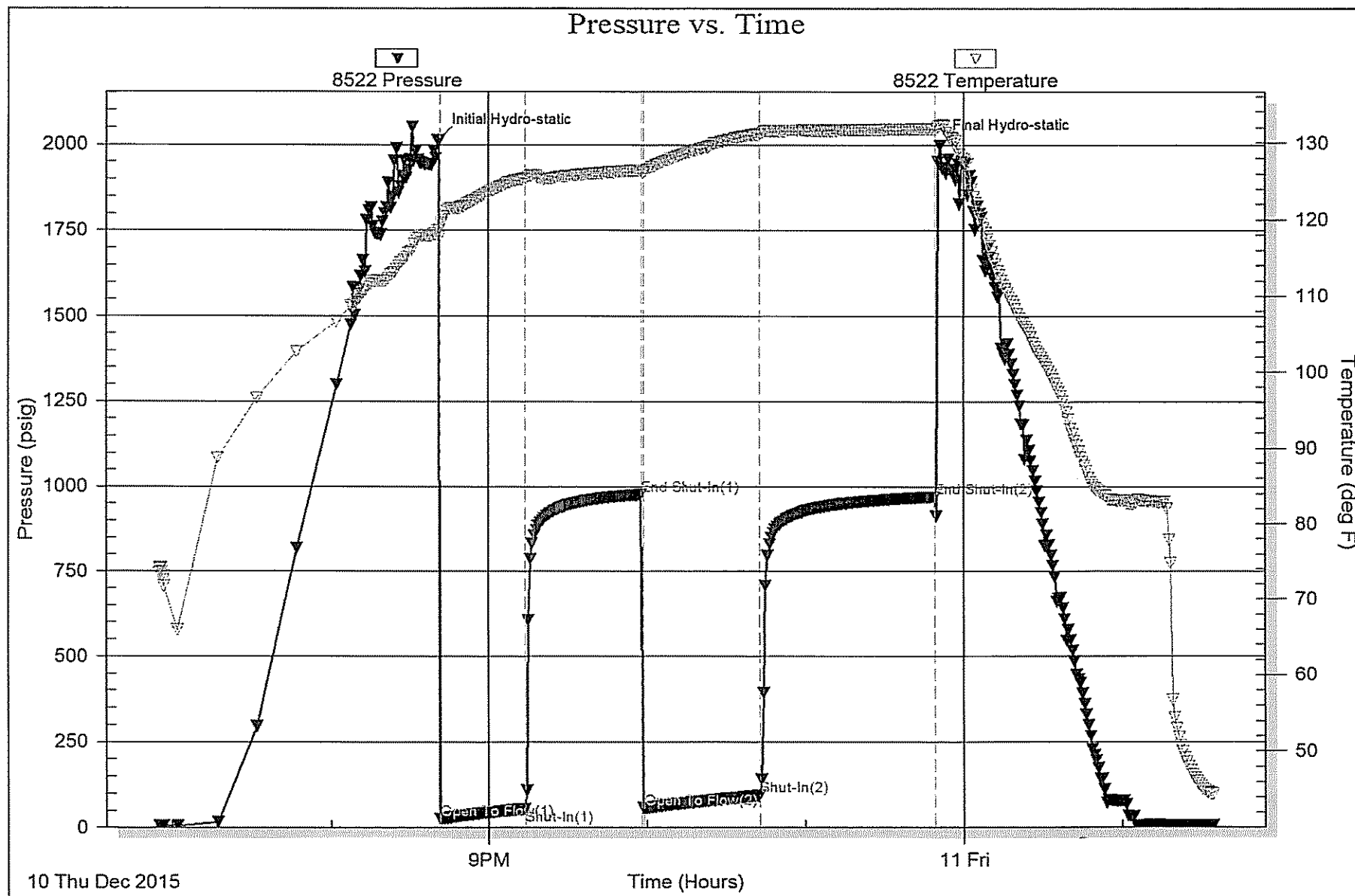
Num Gas Bombs: 0

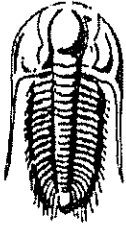
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .320 @ 55F = 34000ppm





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas Co.
301 S. Market St.
Wichita, Ks 67202
ATTN: Steve Davis

5 19s 31w Scott, Ks
Deardon Trust 3-5
Job Ticket: 64627 DST#: 2
Test Start: 2015.12.11 @ 19:05:00

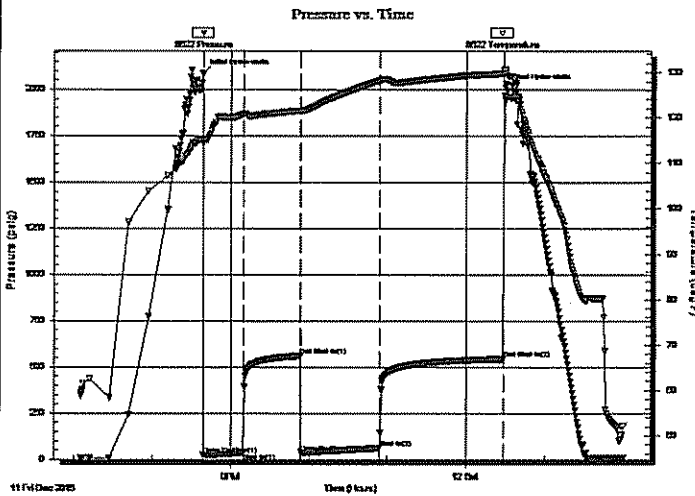
GENERAL INFORMATION:

Formation: LKC J
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 20:39:00
Time Test Ended: 02:00:30
Test Type: Conventional Bottom Hole (Reset)
Tester: Bradley Walter
Unit No: 69
Interval: 4180.00 ft (KB) To 4195.00 ft (KB) (TVD)
Reference Elevations: 2980.00 ft (KB)
Total Depth: 4195.00 ft (KB) (TVD) 2971.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 9.00 ft

Serial #: 8522

Press@RunDepth: 61.01 psig @ ft (KB) Capacity: 8000.00 psig
Start Date: 2015.12.11 End Date: 2015.12.12 Last Calib.: 2015.12.12
Start Time: 19:05:05 End Time: 02:00:29 Time On Blm: 2015.12.11 @ 20:38:45
Time Off Blm: 2015.12.12 @ 00:30:00

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



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2087.53	115.16	Initial Hydro-static
1	24.93	114.30	Open To Flow (1)
31	36.67	120.68	Shut-In(1)
75	560.98	121.59	End Shut-In(1)
76	37.73	121.43	Open To Flow (2)
135	61.01	128.16	Shut-In(2)
230	544.52	129.78	End Shut-In(2)
232	2012.47	129.91	Final Hydro-static

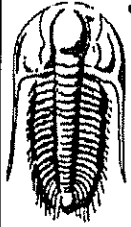
Recovery

Length (ft)	Description	Volume (bbl)
70.00	mcw 30m 70w	0.98

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Co.
301 S. Market St.
Wichita, Ks 67202
ATTN: Steve Davis

5 19s 31w Scott, Ks
Deardon Trust 3-5
Job Ticket: 64627 DST#: 2
Test Start: 2015.12.11 @ 19:05:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 45.00 sec/qt
Water Loss: 10.39 in³
Resistivity: ohm.m
Salinity: 2900.00 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: 47000 ppm

Recovery Information

Recovery Table

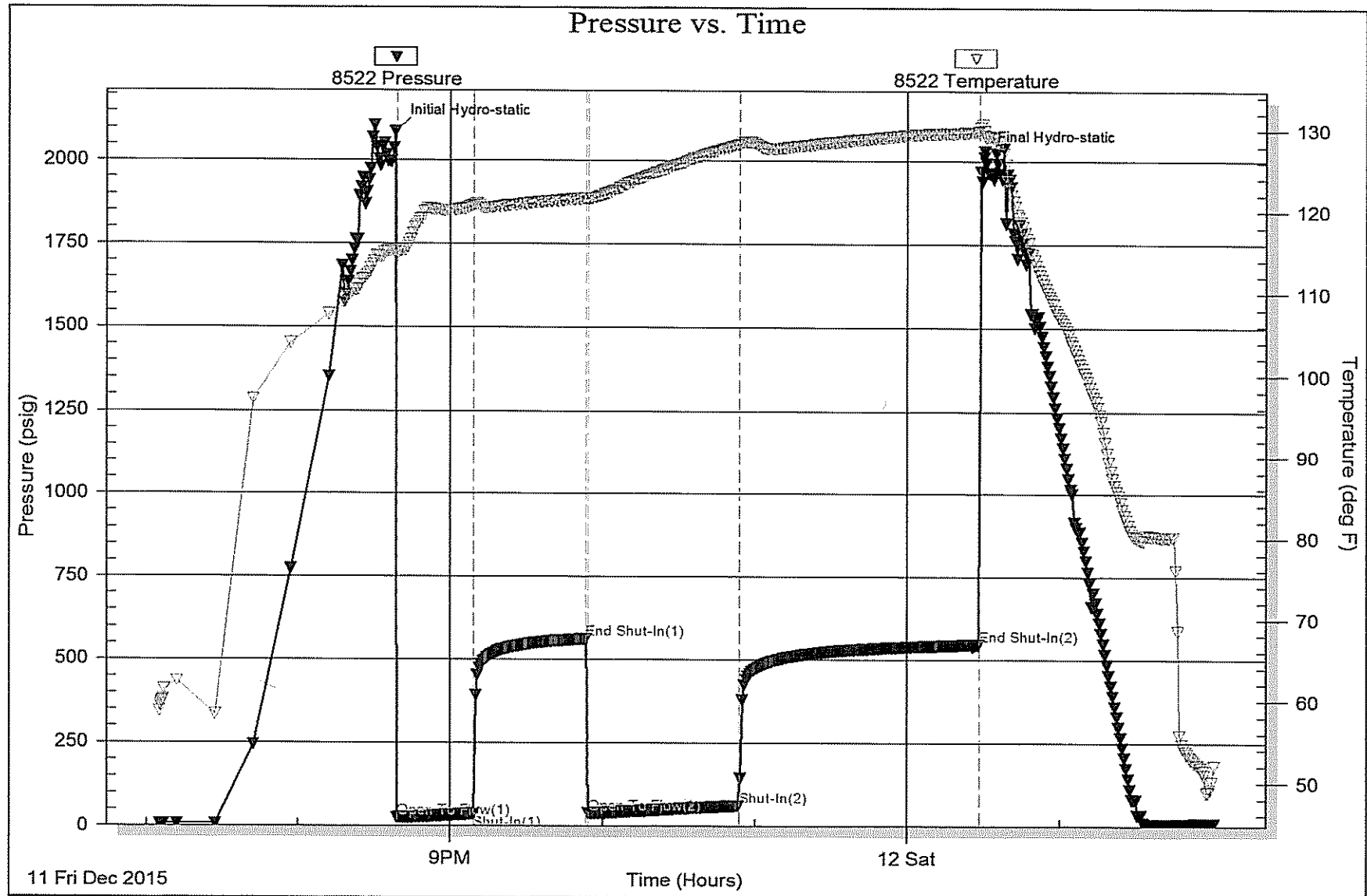
Length ft	Description	Volume bbl
70.00	mcw 30m 70w	0.982

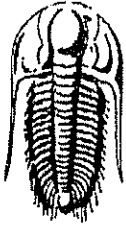
Total Length: 70.00 ft Total Volume: 0.982 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: rw is .280 @ 40F = 47000ppm





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Co.
301 S. Market St.
Wichita, Ks 67202
ATTN: Steve Davis

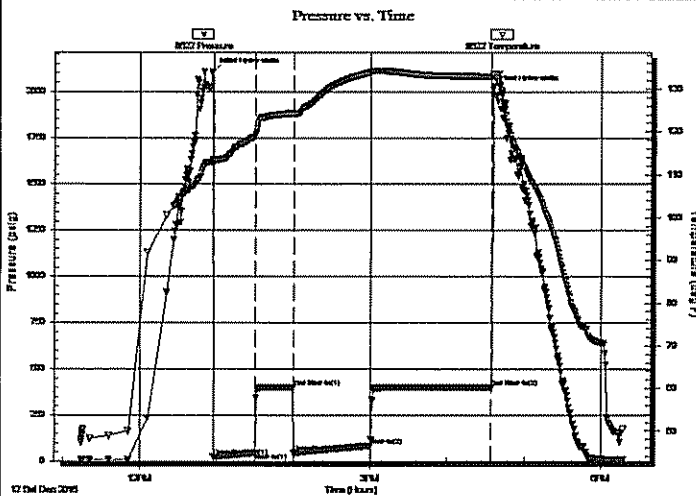
5 19s 31w Scott, Ks
Dearden Trust 3-5
Job Ticket: 64628 DST#: 3
Test Start: 2015.12.12 @ 11:14:00

GENERAL INFORMATION:

Formation: LKC K
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 12:57:45
Time Test Ended: 18:17:30
Interval: 4205.00 ft (KB) To 4225.00 ft (KB) (TVD)
Total Depth: 4225.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Reference Elevations: 2980.00 ft (KB)
2971.00 ft (CF)
KB to GR/CF: 9.00 ft
Test Type: Conventional Bottom Hole (Reset)
Tester: Bradley Walter
Unit No: 69

Serial #: 8522 Outside
Press@RunDepth: 83.76 psig @ 4206.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2015.12.12 End Date: 2015.12.12 Last Calib.: 2015.12.12
Start Time: 11:14:05 End Time: 18:17:29 Time On Blm: 2015.12.12 @ 12:57:15
Time Off Blm: 2015.12.12 @ 16:35:45

TEST COMMENT: IF: 2" blow.
IS: No return.
FF: 1" blow.
FSI: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2107.61	113.42	Initial Hydro-static
1	24.01	112.58	Open To Flow (1)
33	45.93	118.99	Shut-In(1)
63	402.36	124.33	End Shut-In(1)
63	46.92	124.13	Open To Flow (2)
123	83.76	133.96	Shut-In(2)
217	402.26	133.02	End Shut-In(2)
219	2012.88	133.42	Final Hydro-static

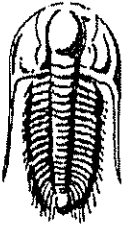
Recovery

Length (ft)	Description	Volume (bbl)
125.00	mcw 20m 80w (oil specs)	1.75

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Co.
301 S. Market St.
Wichita, Ks 67202
ATTN: Steve Davis

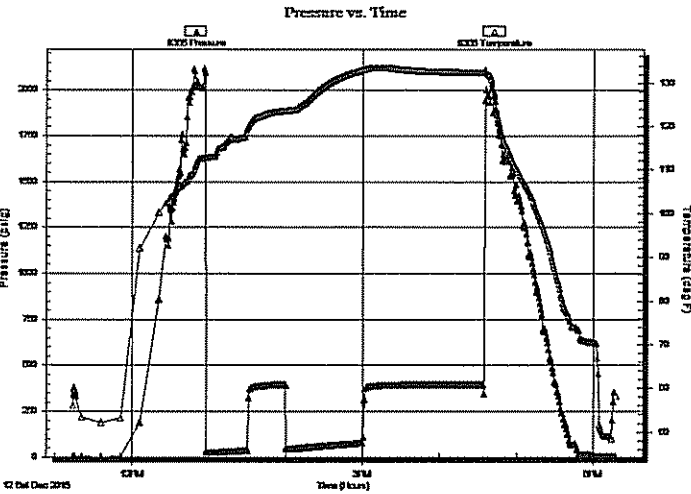
5 19s 31w Scott, Ks
Dearden Trust 3-5
Job Ticket: 64628 DST#: 3
Test Start: 2015.12.12 @ 11:14:00

GENERAL INFORMATION:

Formation: LKC K
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 12:57:45
Time Test Ended: 18:17:30
Interval: 4205.00 ft (KB) To 4225.00 ft (KB) (TVD)
Total Depth: 4225.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches-Hole Condition: Good
Test Type: Conventional Bottom Hole (Reset)
Tester: Bradley Walter
Unit No: 69
Reference Elevations: 2980.00 ft (KB)
2971.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 8365 Inside
Press@RunDepth: psig @ 4206.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2015.12.12 End Date: 2015.12.12 Last Calib.: 2015.12.12
Start Time: 11:14:05 End Time: 18:17:29 Time On Btm:
Time Off Btm:

TEST COMMENT: IF: 2" blow.
IS: No return.
FF: 1" blow.
FS: No return.



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

Length (ft)	Description	Volume (bbl)
125.00	mcw 20m 80w (oil specs)	1.75

* Recovery from multiple tests

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Co.

5 19s 31w Scott, Ks

301 S. Market St.
Wichita, Ks 67202

Dearden Trust 3-5

Job Ticket: 64628

DST#: 3

ATTN: Steve Davis

Test Start: 2015.12.12 @ 11:14:00

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:

57000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
125.00	mcw 20m 80w (oil specs)	1.753

Total Length: 125.00 ft Total Volume: 1.753 bbl

Num Fluid Samples: 0

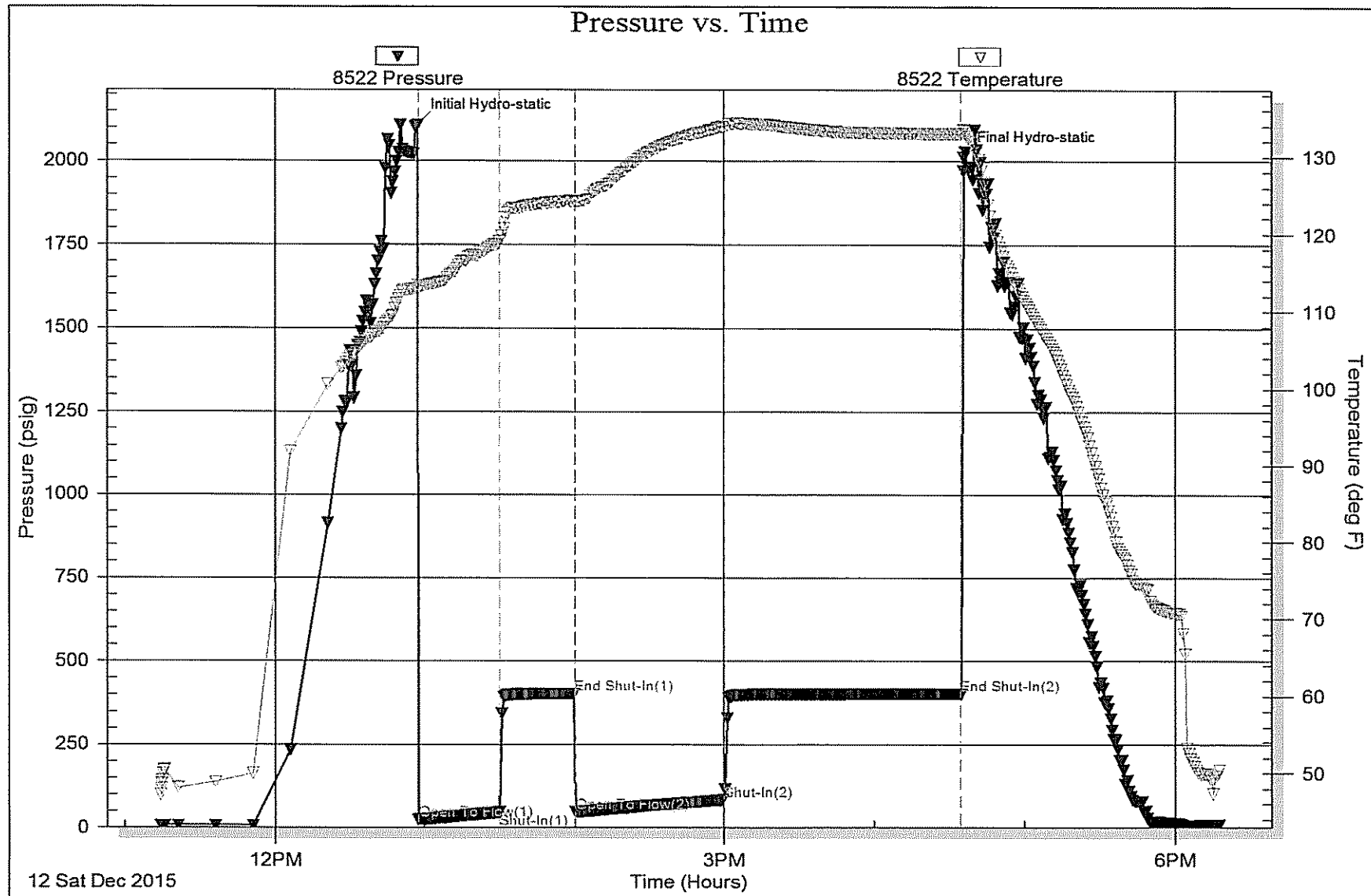
Num Gas Bombs: 0

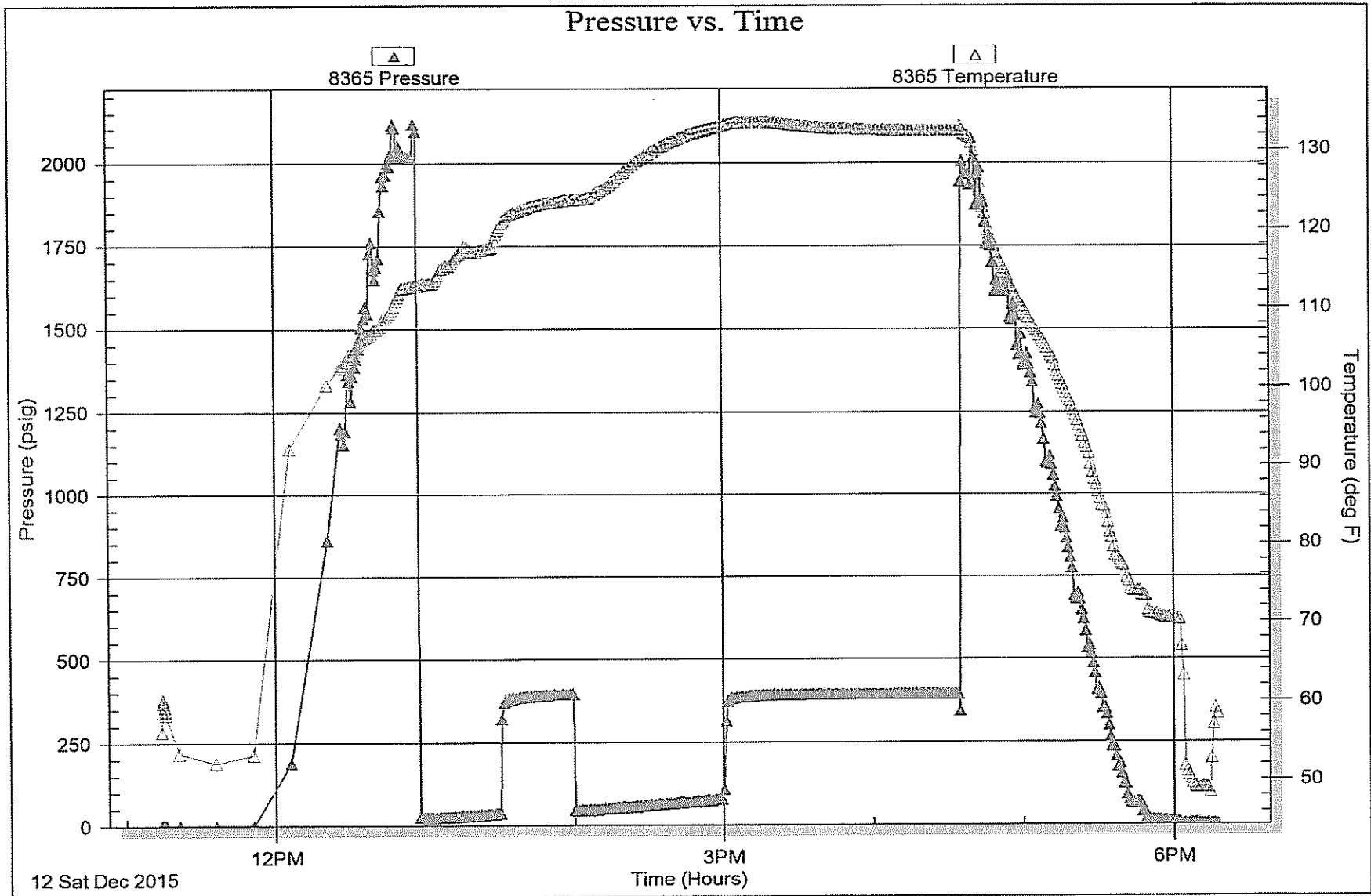
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .220 @ 44f + 57000ppm







TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas Co.
301 S. Market St.
Wichita, Ks 67202
ATTN: Steve Davis

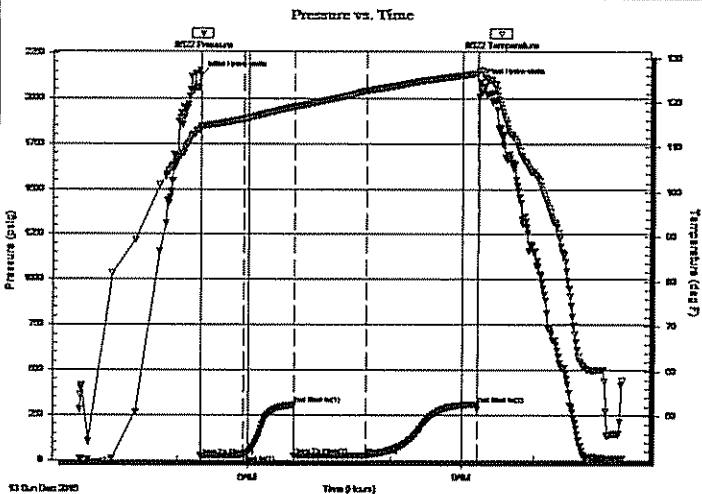
5 19s 31w Scott, Ks
Dearden Trust 3-5
Job Ticket: 64629 DST#: 4
Test Start: 2015.12.13 @ 03:38:00

GENERAL INFORMATION:

Formation: LKC L
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:19:45
Time Test Ended: 11:15:00
Interval: 4250.00 ft (KB) To 4272.00 ft (KB) (TVD)
Total Depth: 4272.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Reference Elevations: 2980.00 ft (KB)
2971.00 ft (CF)
KB to GR/CF: 9.00 ft
Test Type: Conventional Bottom Hole (Reset)
Tester: Bradley Walter
Unit No: 69

Serial #: 8522 Outside
Press@RunDepth: 26.87 psig @ 4251.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2015.12.13 End Date: 2015.12.13 Last Calib.: 2015.12.13
Start Time: 03:38:05 End Time: 11:14:59 Time On Btm: 2015.12.13 @ 05:19:30
Time Off Btm: 2015.12.13 @ 09:14:30

TEST COMMENT: IF: 1" blow.
IS: No return.
FF: 1" blow, receded to surface.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2127.13	114.67	Initial Hydro-static
1	22.70	114.02	Open To Flow (1)
37	32.53	116.31	Shut-In(1)
80	306.45	119.03	End Shut-In(1)
80	26.47	118.91	Open To Flow (2)
140	26.87	122.61	Shut-In(2)
233	309.51	126.51	End Shut-In(2)
235	2091.25	127.36	Final Hydro-static

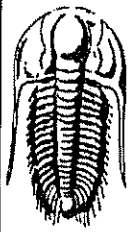
Recovery

Length (ft)	Description	Volume (bbl)
9.00	ocm 10o 90m	0.13
1.00	oil 100o	0.01

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas Co.
301 S. Market St.
Wichita, Ks 67202
ATTN: Steve Davis

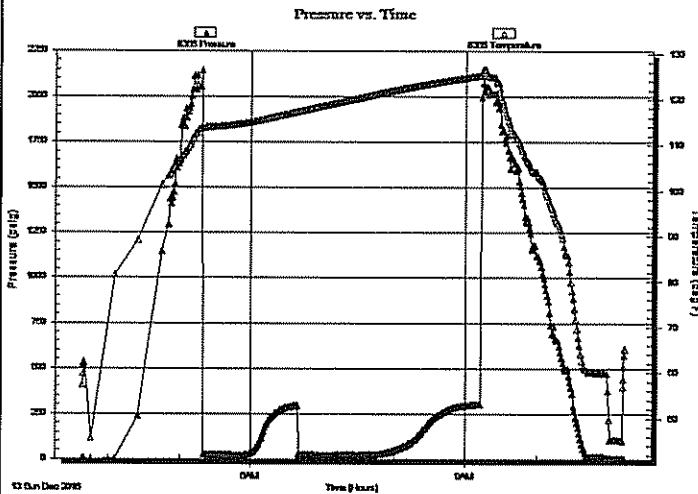
5 19s 31w Scott, Ks
Dearden Trust 3-5
Job Ticket: 64629 DST#: 4
Test Start: 2015.12.13 @ 03:38:00

GENERAL INFORMATION:

Formation: LKC L		Test Type: Conventional Bottom Hole (Reset)
Deviated: No Whipstock: ft (KB)		Tester: Bradley Walter
Time Tool Opened: 05:19:45		Unit No: 69
Time Test Ended: 11:15:00		
Interval: 4250.00 ft (KB) To 4272.00 ft (KB) (TVD)		Reference Elevations: 2980.00 ft (KB)
Total Depth: 4272.00 ft (KB) (TVD)		2971.00 ft (CF)
Hole Diameter: 7.88 inches	Hole Condition: Good	KB to GR/CF: 9.00 ft

Serial #: 8365 Inside					
Press@RunDepth: psig @ 4251.00 ft (KB)		Capacity: 8000.00 psig			
Start Date: 2015.12.13	End Date: 2015.12.13	Last Calib.: 1899.12.30			
Start Time: 03:38:05	End Time: 11:13:58	Time On Btm:			
		Time Off Btm:			

TEST COMMENT: IF: 1" blow.
IS: No return.
FF: 1" blow, receded to surface.
FS: No return.



PRESSURE SUMMARY

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

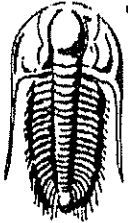
Recovery

Length (ft)	Description	Volume (bbl)
9.00	ocm 10o 90m	0.13
1.00	oil 100o	0.01

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Co.
301 S. Market St.
Wichita, Ks 67202
ATTN: Steve Davis

5 19s 31w Scott, Ks
Dearden Trust 3-5
Job Ticket: 64629 DST#: 4
Test Start: 2015.12.13 @ 03:38:00

Mud and Cushion Information

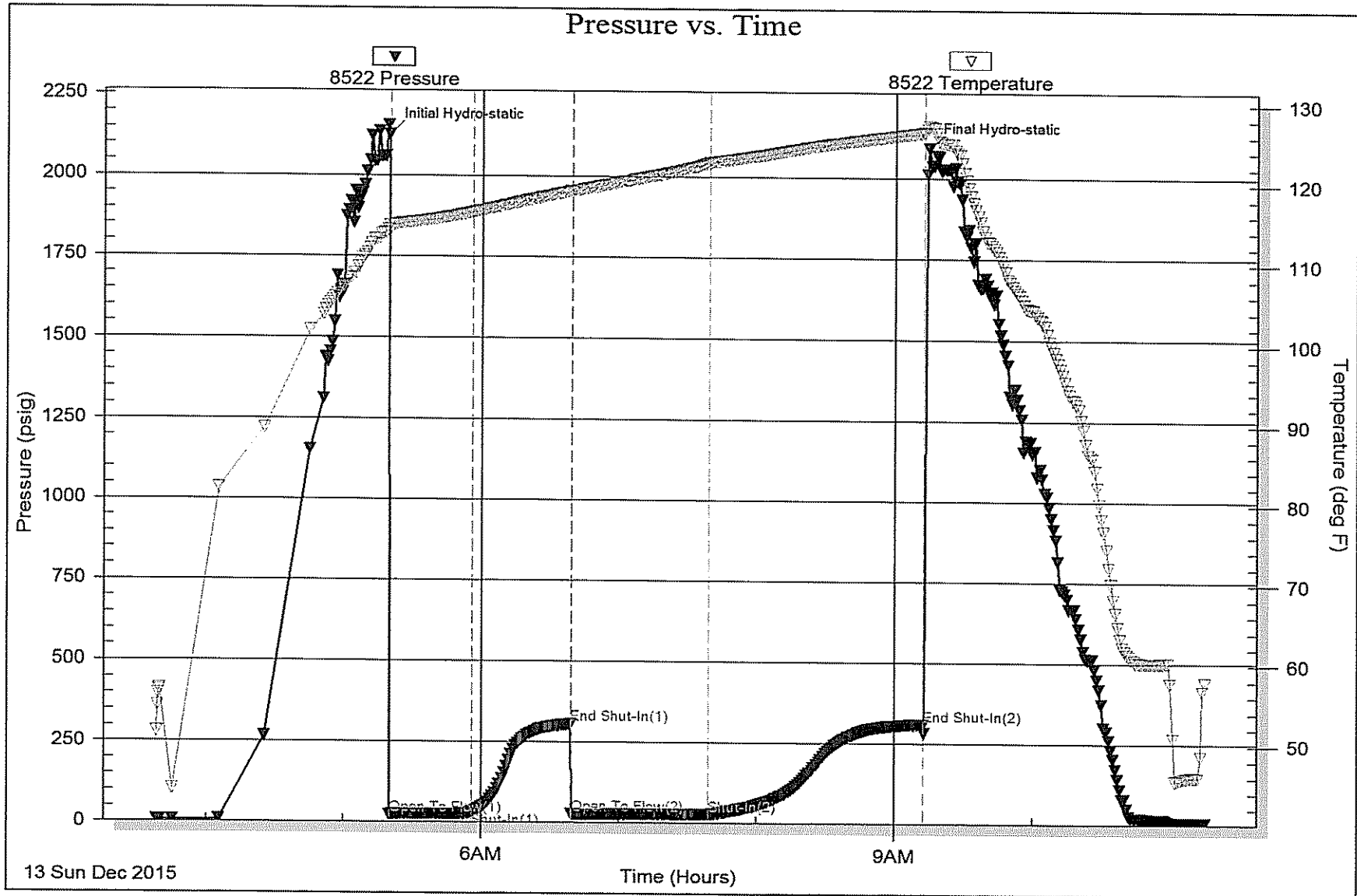
Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2800.00 ppm			
Filter Cake: 1.00 inches			

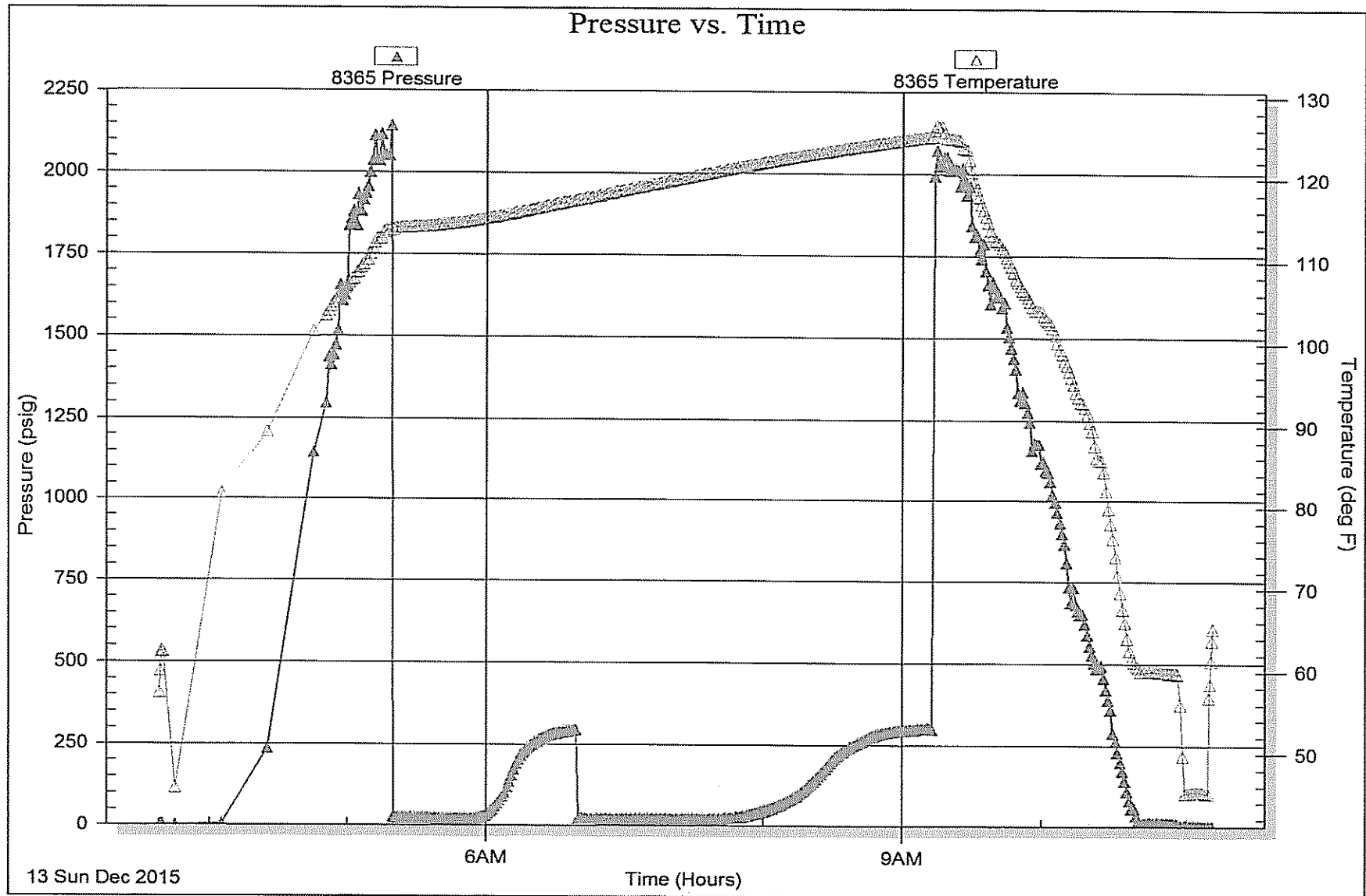
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
9.00	ocm 10o 90m	0.126
1.00	oil 100o	0.014

Total Length: 10.00 ft Total Volume: 0.140 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:







**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Co.
301 S. Market St.
Wichita, Ks 67202
ATTN: Steve Davis

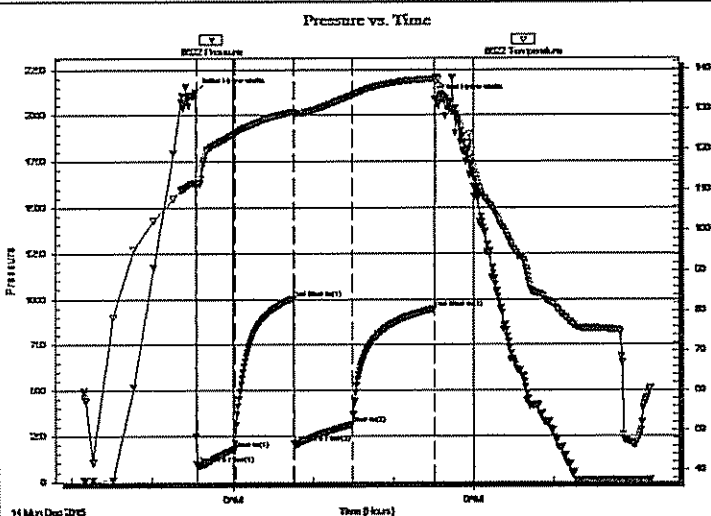
5 19s 31w Scott, Ks
Dearden Trust 3-5
Job Ticket: 64630 DST#: 5
Test Start: 2015.12.14 @ 04:09:00

GENERAL INFORMATION:

Formation: **Marmaton A,B**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 05:33:15
 Time Test Ended: 11:12:30
 Interval: **4307.00 ft (KB) To 4380.00 ft (KB) (TVD)**
 Total Depth: **4380.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good**
 Test Type: **Conventional Bottom Hole (Reset)**
 Tester: **Bradley Walter**
 Unit No: **69**
 Reference Elevations: **2980.00 ft (KB)**
2971.00 ft (CF)
 KB to GR/CF: **9.00 ft**

Serial #: **8522** Outside
 Press@RunDepth: **313.68 psig @ 4308.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2015.12.14** End Date: **2015.12.14** Last Calib.: **2015.12.14**
 Start Time: **04:09:05** End Time: **11:12:29** Time On Btm: **2015.12.14 @ 05:32:30**
 Time Off Btm: **2015.12.14 @ 08:31:30**

TEST COMMENT: IF: BOB @ 2 min.
 IST: 9" return, receded to 3".
 FF: BOB @ 1 min.
 FSI: BOB return, receded to 3".



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2129.03	111.87	Initial Hydro-static
1	97.75	111.49	Open To Flow (1)
30	181.26	123.97	Shut-In(1)
73	1004.72	129.29	End Shut-In(1)
74	211.11	129.02	Open To Flow (2)
117	313.68	133.41	Shut-In(2)
178	947.42	137.54	End Shut-In(2)
179	2091.00	137.95	Final Hydro-static

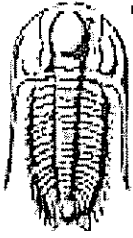
Recovery

Length (ft)	Description	Volume (bbl)
120.00	gmco 30g 25m 45o	1.68
90.00	gmco 40g 20m 40o	1.26
640.00	go 25g 75o	8.98
0.00	280' GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Co.

5 19s 31w Scott, Ks

301 S. Market St.
Wichita, Ks 67202

Dearden Trust 3-5

Job Ticket: 64630

DST#: 5

ATTN: Steve Davis

Test Start: 2015.12.14 @ 04:09:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 51.00 sec/qt

Water Loss: 8.79 in³

Resistivity: ohm.m

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

36 deg API

Water Salinity:

0 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	gmco 30g 25m 45o	1.683
90.00	gmco 40g 20m 40o	1.262
640.00	go 25g 75o	8.978
0.00	280' GIP	0.000

Total Length: 850.00 ft Total Volume: 11.923 bbl

Num Fluid Samples: 0

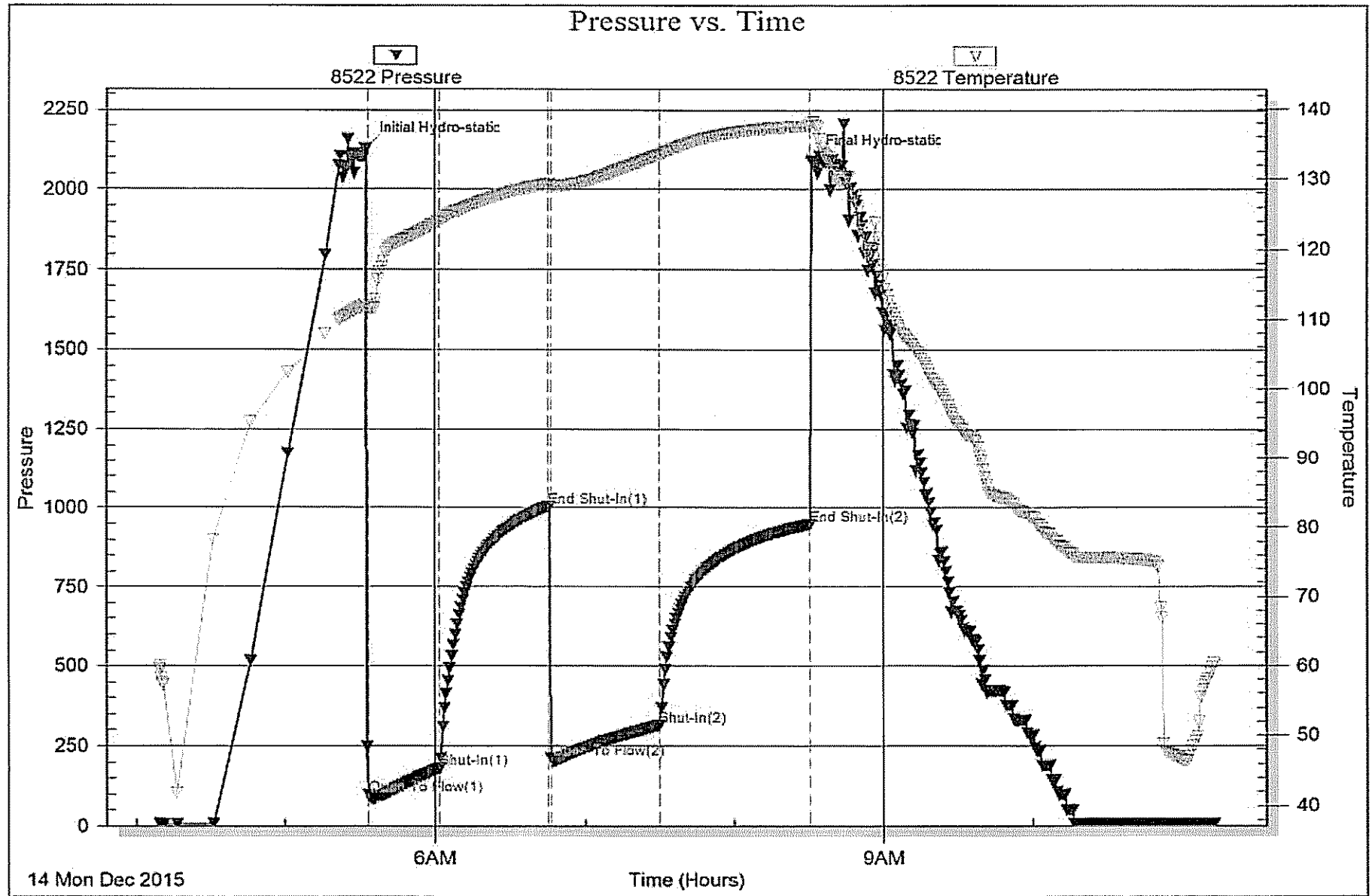
Num Gas Bombs: 0

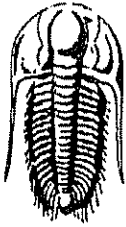
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Co.

5 19s 31w Scott, Ks

301 S. Market St.
Wichita, Ks 67202

Dearden Trust 3-5

Job Ticket: 64631

DST#: 6

ATTN: Steve Davis

Test Start: 2015.12.14 @ 18:39:00

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: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3300.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	socm 2o 98m	0.561

Total Length: 40.00 ft

Total Volume: 0.561 bbl

Num Fluid Samples: 0

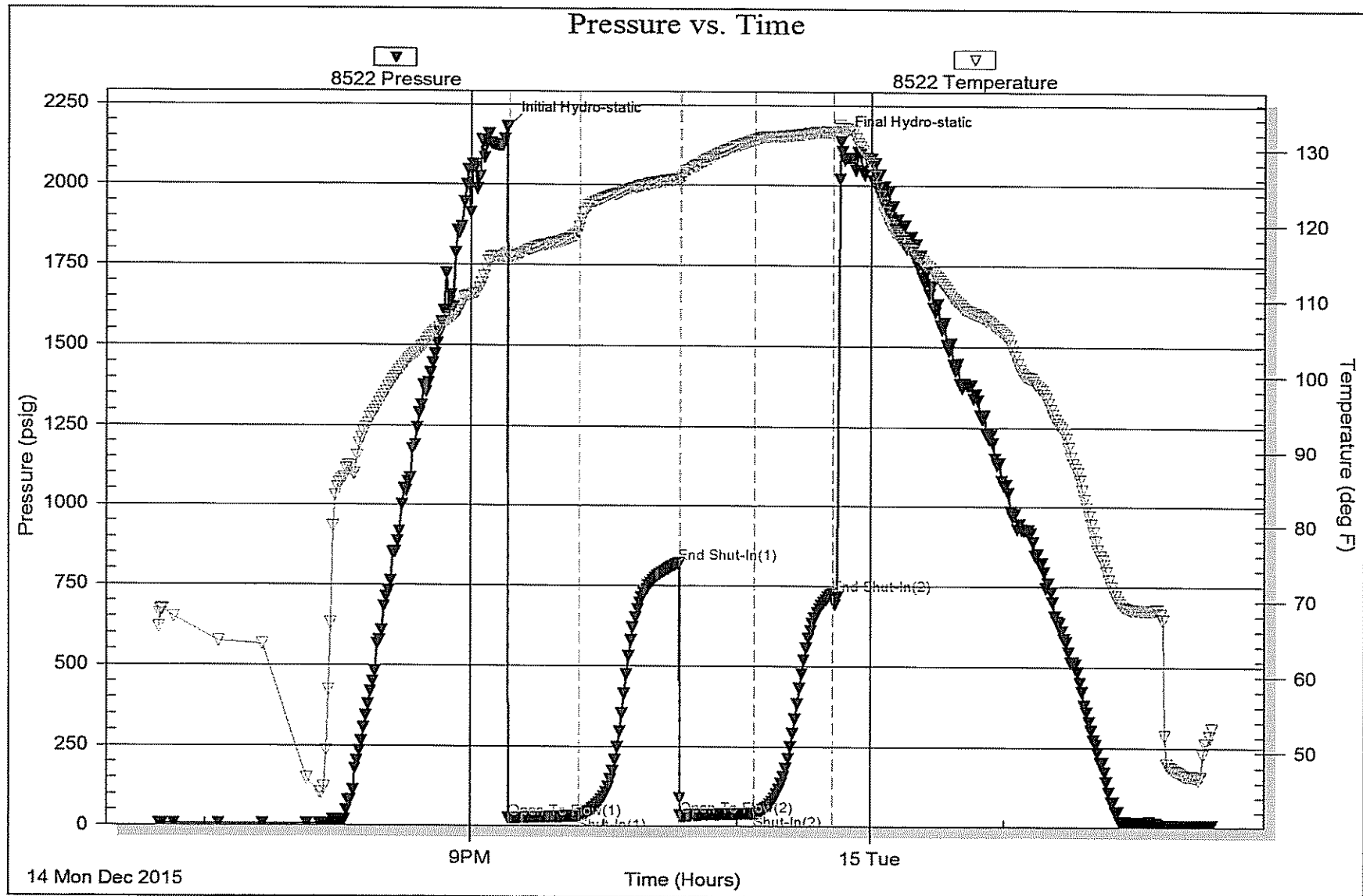
Num Gas Bombs: 0

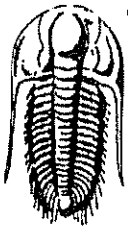
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas Co.
301 S. Market St.
Wichita, Ks 67202
ATTN: Steve Davis

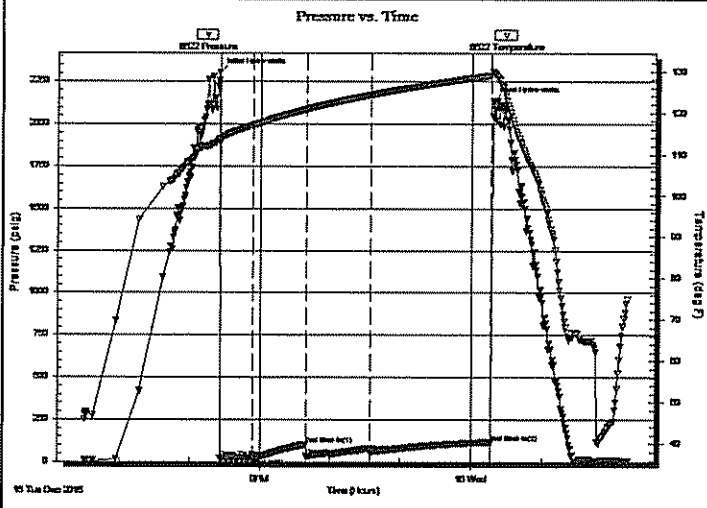
5 19s 31w Scott, Ks
Dearden Trust 3-5
Job Ticket: 64632 DST#: 7
Test Start: 2015.12.15 @ 18:30:00

GENERAL INFORMATION:

Formation: Ft. Scott
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 20:25:45
Time Test Ended: 02:13:15
Interval: 4442.00 ft (KB) To 4466.00 ft (KB) (TVD)
Total Depth: 4466.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Reset)
Tester: Bradley Walter
Unit No: 69
Reference Elevations: 2980.00 ft (KB)
2971.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 8522 Outside
Press@RunDepth: 56.03 psig @ 4443.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2015.12.15 End Date: 2015.12.16 Last Calib.: 2015.12.16
Start Time: 18:30:05 End Time: 02:13:14 Time On Blm: 2015.12.15 @ 20:25:15
Time Off Blm: 2015.12.16 @ 00:18:00

TEST COMMENT: IF: Surface blow.
IS: No return.
FF: No blow.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2305.34	113.69	Initial Hydro-static
1	21.80	112.86	Open To Flow (1)
29	23.23	116.99	Shut-In(1)
74	102.15	120.80	End Shut-In(1)
75	30.74	120.78	Open To Flow (2)
129	56.03	124.25	Shut-In(2)
232	115.78	128.98	End Shut-In(2)
233	2137.12	129.94	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	Mud 100m (thick)	0.04

* Recovery from multiple tests

Gas Rates

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

