



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1091263
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: _____



1091263

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 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				

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

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> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Swartz Trust 1-30
Doc ID	1091263

All Electric Logs Run

CDL/CNL/PE
MICRO
DIL
SECTOR BOND/GAMMA RAY CCL

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

October 25, 2012

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

Re: ACO1
API 15-007-23922-00-00
Swartz Trust 1-30
SE/4 Sec.30-31S-11W
Barber County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Jay Schweikert



PAGE 1 of 1	CUST NO 1002301	INVOICE DATE 08/14/2012
INVOICE NUMBER 1718 - 90977545		

Pratt (620) 672-1201
 B LARIO OIL & GAS
 I P O BOX 84
 L MURDOCK
 L KS US 67111
 T
 O ATTN: ACCOUNTS PAYABLE

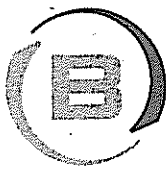
J LEASE NAME Swartz Trust 1-30
 O LOCATION (AFE# 12-220)
 B COUNTY Barber
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40498842	20920		Net - 30 days	09/13/2012

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 08/11/2012 to 08/11/2012</i>				
0040498842				
171806781A Cement-New Well Casing/Pi 08/11/2012				
Cement 13 3/8" Surface				
60/40 POZ	400.00	EA	9.00	3,600.00 T
Calcium Chloride	1,032.00	EA	0.79	812.70 T
Celloflake	100.00	EA	2.78	277.50 T
Sugar	100.00	EA	1.50	150.00 T
"Unit Mileage Chg (PU, cars one way)"	30.00	MI	3.19	95.63
Heavy Equipment Mileage	60.00	MI	5.25	315.00
Blending & Mixing Service Charge	400.00	BAG	1.05	420.00
"Proppant & Bulk Del. Chgs., per ton mil	516.00	EA	1.20	619.20
Depth Charge; 0-500'	1.00	EA	750.00	750.00
"Service Supervisor, first 8 hrs on loc.	1.00	EA	131.25	131.25

Handwritten signatures and stamps:
 [Signature] [Signature]
 [Stamp: PAID] [Stamp: 8-15-12]

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	7,171.28
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	353.33
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	7,524.61
DALLAS, TX 75284-1903	MIDLAND, TX 79702		



BASIC
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET
1718 06781 A

DATE _____ TICKET NO. _____

DATE OF JOB <i>08-11-12</i> DISTRICT <i>Pratt Ks.</i>		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:							
CUSTOMER <i>L&L Oil - PA</i>		LEASE <i>SWORTZ - Tract 1-30</i> WELL NO.:							
ADDRESS		COUNTY <i>BARBER</i> STATE <i>KS</i>							
CITY STATE		SERVICE CREW <i>Sullivan Wright 9009</i>							
AUTHORIZED BY		JOB TYPE: <i>OW 13 3/4 Section</i>							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
<i>33708-20970</i>	<i>30</i>						<i>8-11-12</i>	<i>9:10</i>	
<i>19900-21010</i>	<i>30</i>								
<i>37900</i>									
						ARRIVED AT JOB			<i>12:20</i>
						START OPERATION			<i>1:15</i>
						FINISH OPERATION			<i>1:45</i>
						RELEASED			<i>2:30</i>
						MILES FROM STATION TO WELL			<i>35</i>

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

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

SIGNED: *Charles R. Rank*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT	
<i>CP 103</i>	<i>60/40 Por cement</i>	<i>SK</i>	<i>400</i>		<i>4 900 00</i>	
<i>PC 109</i>	<i>Polycure - Mechanical</i>	<i>lb</i>	<i>1032</i>		<i>1 093 60</i>	
<i>PC 102</i>	<i>Gal/Traco</i>	<i>lb</i>	<i>100</i>		<i>2 70 00</i>	
<i>PC 121</i>	<i>Gal/Traco</i>	<i>lb</i>	<i>100</i>		<i>2 00 00</i>	
<i>E 101</i>	<i>Hydrogen peroxide</i>	<i>gal</i>	<i>60</i>		<i>4 20 00</i>	
<i>PE 240</i>	<i>Black - mixing</i>	<i>SK</i>	<i>400</i>		<i>3 60 00</i>	
<i>E 113</i>	<i>Bulk Oil</i>	<i>TM</i>	<i>510</i>		<i>9 25 00</i>	
<i>CE 200</i>	<i>North Dakota</i>	<i>SD</i>	<i>1</i>		<i>1 000 00</i>	
<i>SO03</i>	<i>Solar - Solar</i>	<i>SR</i>	<i>1</i>		<i>1 75 00</i>	
<i>E 100</i>	<i>Hydrogen peroxide</i>	<i>mi</i>	<i>30</i>		<i>1 27 50</i>	
					SUB TOTAL	<i>7 171 29</i>

CHEMICAL / ACID DATA:			

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

Thank you

SERVICE REPRESENTATIVE <i>Richard J. ...</i>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <i>Charles R. Rank</i> (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
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FIELD SERVICE ORDER NO. _____

Customer <i>LARIO OIL, INC</i>	Lease No.	Date <i>08-11-10</i>
Lease <i>SWARTZ TRUSS</i>	Well # <i>1-30</i>	
Field Order # <i>0781</i>	Station <i>PRATT KS</i>	Casing <i>3 3/8</i>
		Depth <i>330</i>
Type Job <i>CNW 13 3/8 Section</i>	Formation	Legal Description <i>30-31-11</i>
		County <i>BARREIL</i>
		State <i>KS</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>1 3/8</i>								
Depth <i>330</i>	Depth	From	To	Pre Pad	Max		5 Min.	
Volume <i>49</i>	Volume	From	To	Pad	Min		10 Min.	
Max Press <i>500</i>	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection <i>2 1/2" NPT</i>	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth <i>312</i>	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative	Station Manager <i>DAVE SCOTT</i>	Treater <i>Robert Williams</i>							
Service Units	<i>37900</i>	<i>33708</i>	<i>20920</i>	<i>19960</i>	<i>21010</i>				
Driver Names	<i>Sullivan</i>	<i>Wright</i>	<i>Yoo</i>						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>12:14</i>					<i>on for soft mud</i>
					<i>Run @ 500 13 3/8 48cc</i>
<i>1:00</i>					<i>CASING on Bottom</i>
<i>1:10</i>					<i>Hook up gas</i>
<i>1:15</i>	<i>200</i>		<i>5</i>	<i>4</i>	<i>at 500</i>
				<i>5.5</i>	<i>mix cont 400sk 600 100 cont</i>
			<i>8.6</i>		<i>cont mix</i>
				<i>4</i>	<i>at 500</i>
<i>1:45</i>	<i>250</i>		<i>49</i>		<i>plug down</i>
					<i>Circ. Use 3000 con P. 4</i>
					<i>500s complete</i>
					<i>Thank you</i>



PAGE	CUST NO	INVOICE DATE
1 of 1	1002301	08/23/2012
INVOICE NUMBER		
1718 - 90985322		

Pratt (620) 672-1201
 B LARIO OIL & GAS
 I P O BOX 84
 L MURDOCK
 L KS US 67111
 T
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Swartz, Trust 1-30
 O LOCATION (AFE#12-220)
 B COUNTY Barber
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40502913	27463		Net - 30 days	09/22/2012

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 08/22/2012 to 08/22/2012</i>				
0040502913				
171806559A Cement-New Well Casing/Pi 08/22/2012 Cement 5 1/2" 2 Stage Longstring AFE#12-220				
AA2 Cement	250.00	EA	12.75	3,187.50 T
A-Con Blend Common	350.00	EA	13.50	4,725.00 T
Celloflake	150.00	EA	2.78	416.25 T
C-41P	47.00	EA	3.00	141.00 T
Calcium Chloride	987.00	EA	0.79	777.26 T
Salt	1,365.00	EA	0.37	511.87 T
C-37	71.00	EA	8.25	585.75 T
FLA-322	118.00	EA	5.63	663.75 T
Super Flush II	500.00	EA	1.15	573.75 T
"Two Stage Cement Collar, 5 1/2" (Red)"	1.00	EA	4,575.00	4,575.00
"5 1/2" Latch Down Plug & Assembly (Red)	1.00	EA	637.50	637.50
"Auto Fill Float Shoe 5 1/2" (Blue)"	1.00	EA	270.00	270.00
"Turbolizer, 5 1/2" (Blue)"	12.00	EA	82.50	990.00
"5 1/2" Basket (Blue)"	1.00	EA	217.50	217.50
Industrial Rubber Thread Lock Kit	1.00	EA	25.50	25.50
"Unit Mileage Chg (PU, cars one way)"	30.00	MI	3.19	95.63
Heavy Equipment Mileage	90.00	MI	5.25	472.50
"Proppant & Bulk Del. Chgs., per ton mil	846.00	EA	1.20	1,015.20
Blending & Mixing Service Charge	600.00	BAG	1.05	630.00
Depth Charge; 2001'-3000'	1.00	EA	1,350.00	1,350.00
Depth Charge; 4001'-5000'	1.00	EA	1,890.00	1,890.00
Plug Container Util. Chg.	1.00	EA	187.50	187.50
"Service Supervisor, first 8 hrs on loc.	1.00	EA	131.25	131.25

ad KC
ad BS
 SEP 5 2012

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	24,069.71
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	845.50
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	24,915.21
DALLAS, TX 75284-1903	MIDLAND, TX 79702		

BS
9-4-12



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET
1718 06559 A

DATE _____ TICKET NO. _____

DATE OF JOB <u>8-22-12</u> DISTRICT <u>KANSAS</u>		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:				
CUSTOMER <u>Lario Oil & Gas</u>		LEASE <u>Swartz Trust 21-30</u> WELL NO.:				
ADDRESS		COUNTY <u>Barber 30-31-11</u> STATE <u>Kans.</u>				
CITY STATE		SERVICE CREW <u>Allen, Joe, Mike, Norma</u>				
AUTHORIZED BY		JOB TYPE: <u>5 1/2" Two Stage (Call)</u>				
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED <u>8-21-12</u> DATE AM PM TIME
<u>78447 P11</u>	<u>5 1/2</u>					<u>8-21-12</u> AM PM <u>6:00</u>
<u>27465 P11</u>	<u>5 1/2</u>					ARRIVED AT JOB <u>8-21-12</u> AM PM <u>6:50</u>
<u>19826-19860</u>	<u>5 1/2</u>					START OPERATION <u>8-21-12</u> AM PM <u>11:00</u>
<u>14355-14284</u>	<u>5 1/2</u>					FINISH OPERATION <u>8-22-12</u> AM PM <u>4:30</u>
						RELEASED <u>8-22-12</u> AM PM <u>5:30</u>
						MILES FROM STATION TO WELL <u>30-mile</u>

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

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SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

AFL 17-270

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CC 155	Super Flush II	gal	500		\$ 765 00
E 100	Heavy Equip mileage	mi	90		\$ 630 00
EF 240	Blend, B. & mixing service chg	SK	600		\$ 870 00
E 113	Bulk Del. Chg.	Tm	846		\$ 1305 60
CF 205	Depth Chg. 4001-5000	4-hr	1		\$ 2520 00
CF 203	Depth Chg. 2001-3000	4-hr	1		\$ 1800 00
CF 504	Plug run time w/ utilization chg	Tub	1		\$ 250 00
					\$ 125 00
S003	Service Supervisor first 8 hrs on loc	Sub	1		\$ 127 50
E 100	Unit Mileage chg. Pill.	mi	30		

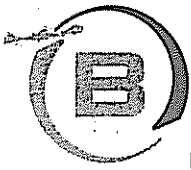
SUB TOTAL
DIS \$ 24,069 71

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE <u>Allen & Co. 8-22-12</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>Brian Sudek</u> (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
---	---

FIELD SERVICE ORDER NO. _____



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET

1718 ~~1718~~ A

Continuation of
TICKET NO. 06559A

DATE

DATE OF JOB 8-22-12 DISTRICT KANSAS	NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:								
CUSTOMER LARIU OIL & GAS	LEASE SWARTZ TRACT 1-30 WELL NO.								
ADDRESS	COUNTY Barber 30-31-1, STATE KANS.								
CITY STATE	SERVICE CREW Allen, Joe, Mike								
AUTHORIZED BY	JOB TYPE: 5 1/2' Two Stage CNW								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
478443 PU	5 1/2					8-21-12	AM	4:00	
27463 PT	5 1/2					ARRIVED AT JOB	8-21-12	AM	6:50
19826-19860	5 1/2					START OPERATION	8-21-12	AM	11:00
14355-14280	5 1/2					FINISH OPERATION	8-22-12	AM	4:30
						RELEASED	8-22-12	AM	5:30
						MILES FROM STATION TO WELL	90-miles		

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

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AFE # 12-220

SIGNED:

(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP105	AA2 cement	SK	200		\$ 3400 00
CP101	A con Blend Common	SK	300		\$ 5400 00
CP101	A con Blend Common	SK	50		\$ 900 00
CP105	AA2	SK	50		\$ 850 00
CC111	SALT	lb	1365		\$ 682 50
CC126	C-37	lb	71		\$ 781 00
CC105	C-418	lb	47		\$ 188 00
CC129	FIA-322	lb	118		\$ 885 00
CC102	cell FIAK+	lb	150		\$ 555 00
CC109	Calcium chloride	lb	987		\$ 1036 35
CF1251	Auto Fill Float Shoe 5/8" Blue	EA	1		\$ 360 00
CF1901	5 1/2" Basket Blue	EA	1		\$ 290 00
CF601	5 1/2" Latch Down Plug + Assy. Red	EA	1		\$ 850 00
CF1651	Turbolizer 5 1/2" Blue	EA	12		\$ 1320 00
CF401	Two Stage cement collar 5/8" Red	EA	1		\$ 6100 00
CF3000	Industrial Rubber Thread Lock	EA	1		\$ 34 00

SUB TOTAL

PLS

CHEMICAL / ACID DATA:			

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

TOTAL

SERVICE REPRESENTATIVE

Allen F. [Signature]

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:

Brad Sander

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

Bottom Stage

Customer LARIO OIL & GAS		Lease No.		Date	
Lease Sward Trust		Well # 1-30		8-22-12	
Field Order # 06559A	Station PRATT KS	Casing 5 1/2"	Depth 4452	County Barber	State KS
Type Job 5 1/2" Two Stage		Formation CROW	104460	Legal Description 30-31-11	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
5 1/2"		12		3 Bbls Super Flush	4		5 Min.	
Depth 4452	Depth	From	To 200	Pre Pad	Max		10 Min.	
Volume 105	Volume	From	To	Pad	Min		15 Min.	
Max Press 1500	Max Press	From	To RH	Erac 30SKS AA-2	Avg		Annulus Pressure	
Well Connection PC	Annulus Vol.	From	To MH	20SKS AA-2	HHP Used		Total Load	
Plug Depth 4412	Packer Depth	From	To	Flush Disp H2O + mud.	Gas Volume			

Customer Representative KRAO Sanders	Station Manager SCOTTY	Treater ALLEN
---	---------------------------	------------------

Service Units	28443	27463	19826	19860	14355	14284			
Driver Names	Allen	Joe	Melton	Mike	Lawrence	NORMA			

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1050 pm	800	100			on Loc. Discuss Safety, Setup Plan To!
900					Rig up to Run 5 1/2" casing 15.5 #
					Start casing shoe joint 40.10
					w/ float shoe + L.D. Baffle in coll.
					cent-3-6-10-15-21-25-51-57-67
					74-84 - BASKET 48 DU 49 2382
1115					CASING @ 4452 - CIR. w/ Rig.
1245 AM	8-22-12		5	5	Pump 5 Bbls H2O
			12	5	Pump 12 Bbls Super flush II
			3	5	pump 3 Bbls H2O
					Mix + Pump 20SKS AA-2 @ 15 #/gal
			51		Finish mix cont. washout Pump Line
				6	Drop Latch Down Plug Start Disp
130	500 ^F			5	caught Lift PSI 85 Bbls (45 Bbl wt
	1500 ^F		105	4	Plug down (60-Bbl mud
	0 ^F				Release To TRK. OK.
1316					Drop DV opening Tool
150	900 ^F				open DV - CIR w/ Rig.
					Plug RH w/ 30SKS AA-2
					Plug MH w/ 20SKS AA-2
215					CLEANUP TRK.

BASIC

energy services, L.P.

#2

TOP Stage

TREATMENT REPORT

Customer TARIO D.L + GAC		Lease No.		Date 8-22-12	
Lease SWARTZ		Well # 1-30			
Field Order # 26059A	Station Pratt KS	Casing 5 1/2"	Depth 2382	County Baiber	State KS
Type Job 5 1/2" Two Stage	Formation CNUW		Legal Description 30-31-11		

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
5 1/2"			300	SKS A-con @	12#		5 Min.	
Depth 2382	Depth	From	To	Pre Pad	Max			
			50	SKS A-con @	14#		10 Min.	
Volume 56 1/2	Volume	From	To	Pad	Min			
Max Press 1500	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection PL	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth 2382	Packer Depth	From	To	Flush	Gas Volume		Total Load	
				DISP H2O				

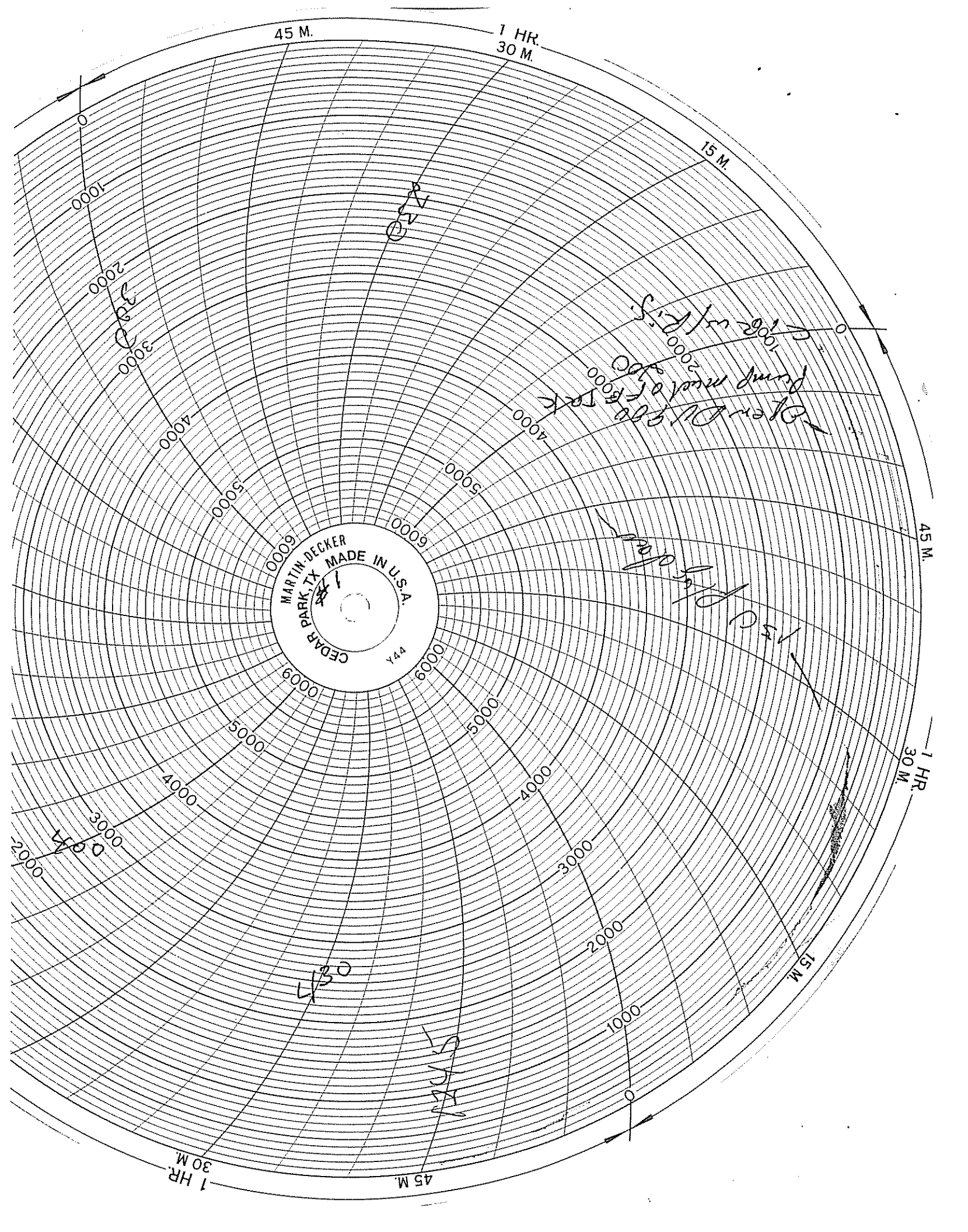
Customer Representative Brend Sanders			Station Manager SCOTHY			Treater ALLEN		
Service Units	28443	27463	19826	19860	14355	14284		
Driver Names	Allen	Joe	melson	mike	Lawrence	NORMA		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
					ONLOC TOP Stage Job
3:30 AM			132	5	mix 300 SKS A-con @ 12#
			14	5	mix 50 SKS A-con @ 14#
					Finish mix cmt.
					Drop Closing Plug.
				6	Start Disp.
4:30	1500#		56 1/2	4	Plug down DV closed.
					Release PSI - OK.
					Washed Equip.
					Rackup Equip.
5:30					Job complete
					THANKS.
					cmt didn't cir to Pit.
					Allen
					Joe
					MIKE L.
					NORMA

#1
LARD OIL & GAS
SWARTZ #1-30
5 1/2" 2-STAGE
#06559A 8-22-12

Allen Joe

MIKE LAWRENCE
Norma



MARTIN DECKER
MARTIN DECKER
CEDAR PARK, TX
MADE IN U.S.A.
Y44

Open DV 978 10K
Pump mesh & 1500
1000 wt. 15C

15C
1500

442

430

SINCE

45 M.

1 HR.
30 M.

15 M.

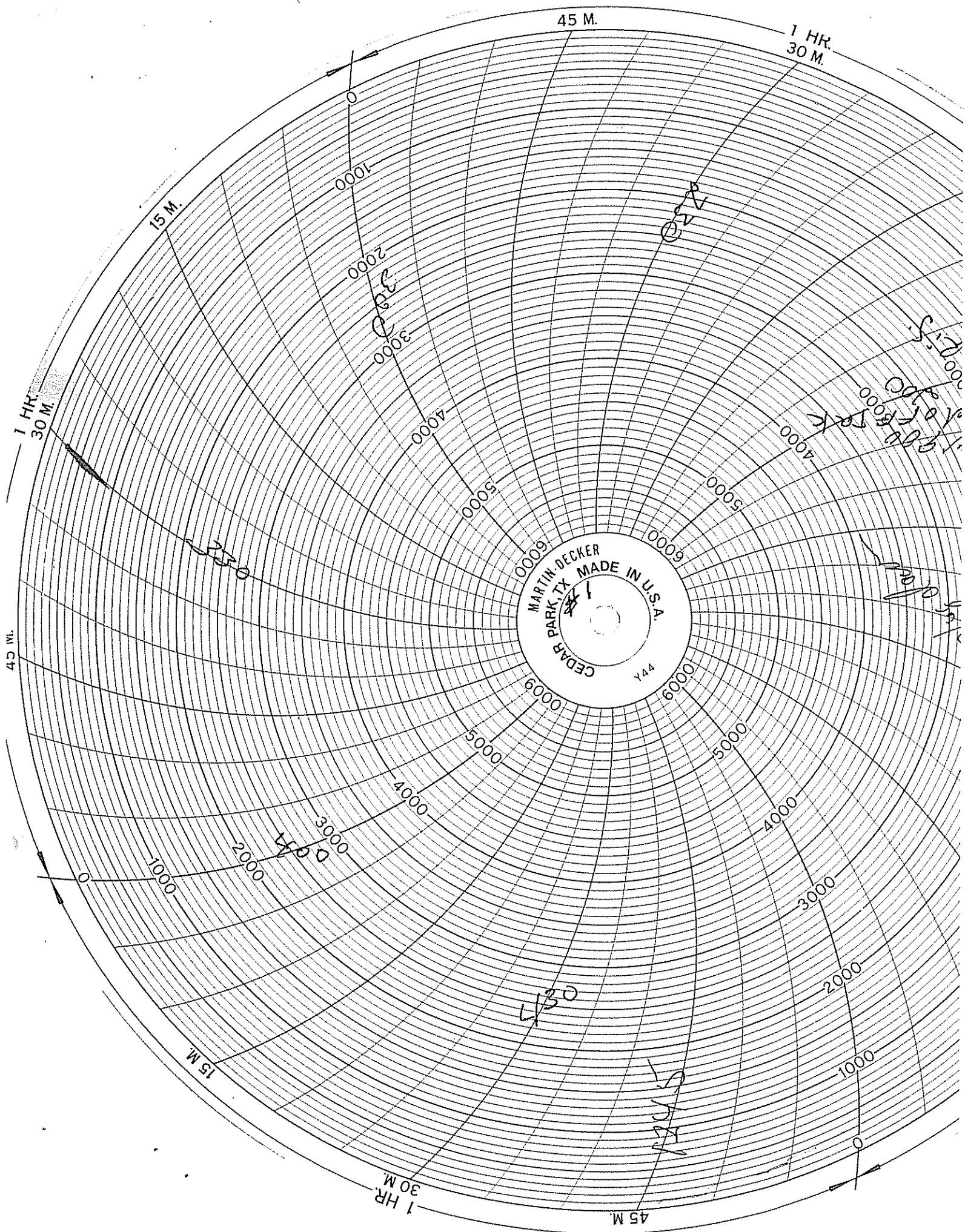
45 M.

1 HR.
30 M.

15 M.

45 M.

1 HR.
30 M.



MARTIN-DECKER
CEDAR PARK, TX MADE IN U.S.A.
Y44

45 M.

1 HR.
30 M.

15 M.

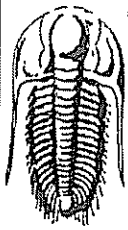
45 M.

1 HR.
30 M.

15 M.

1 HR.
30 M.

45 M.



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Lario Oil & Gas

30-31S-11W

301 S Market St
Wichita, KS 67202

Swartz Unit 1-30

Job Ticket: 49559

DST#: 1

ATTN: Vern Schrag

Test Start: 2012.08.15 @ 09:25:16

GENERAL INFORMATION:

Formation: Elgin

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:32:01

Time Test Ended: 17:41:01

Test Type: Conventional Bottom Hole (Initial)

Tester: Leal Cason

Unit No: 45

Interval: 3336.00 ft (KB) To 3350.00 ft (KB) (TVD)

Reference Elevations: 1526.00 ft (KB)

Total Depth: 3350.00 ft (KB) (TVD)

1515.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 6798

Inside

Press@RunDepth: 408.71 psig @ 3337.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.08.15

End Date: 2012.08.15

Last Calib.: 2012.08.15

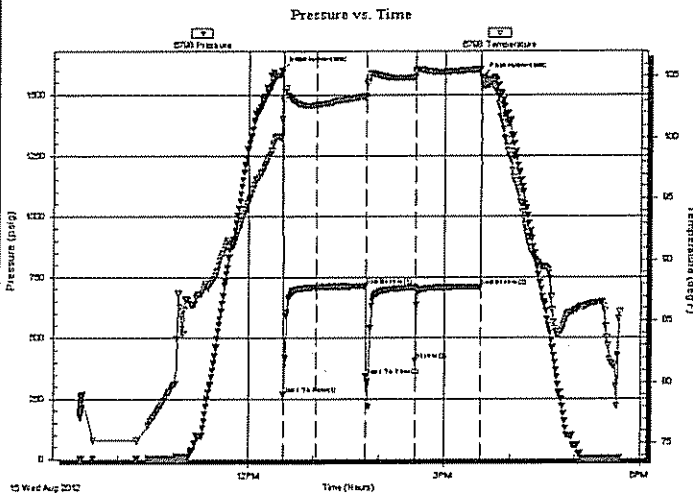
Start Time: 09:25:17

End Time: 17:41:01

Time On Blm: 2012.08.15 @ 12:30:01

Time Off Blm: 2012.08.15 @ 15:34:01

TEST COMMENT: IF: Weak 3 inch Blow
IS: No Blow Back
FF: Weak Surface Blow
FS: No Blow Back



PRESSURE SUMMARY

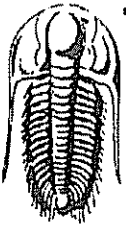
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1604.17	100.11	Initial Hydro-static
2	270.00	103.02	Open To Flow (1)
32	701.73	102.61	Shut-In(1)
78	712.79	103.36	End Shut-In(1)
78	343.16	103.09	Open To Flow (2)
124	408.71	105.28	Shut-In(2)
184	710.13	105.57	End Shut-In(2)
184	1575.81	104.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
64.00	Mud	0.31

Gas Rates

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



TRILLOBITE
TESTING, INC

DRILL STEM TEST REPORT

Lario Oil & Gas
301 S Market St
Wichita, KS 67202

ATTN: Vern Schrag

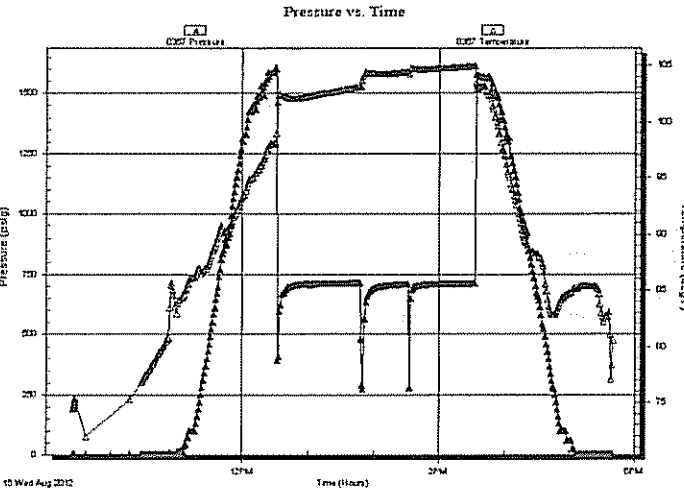
30-31S-11W
Swartz Unit 1-30
Job Ticket: 49559 DST#: 1
Test Start: 2012.08.15 @ 09:25:16

GENERAL INFORMATION:

Formation:	Elgin	Test Type:	Conventional Bottom Hole (Initial)
Deviated:	No Whipstock:	Tester:	Leal Cason
Time Tool Opened:	12:32:01	Unit No:	45
Time Test Ended:	17:41:01	Reference Elevations:	1526.00 ft (KB) 1515.00 ft (CF)
Interval:	3336.00 ft (KB) To 3350.00 ft (KB) (TVD)	KB to GRVCF:	11.00 ft
Total Depth:	3350.00 ft (KB) (TVD)		
Hole Diameter:	7.88 inches	Hole Condition:	Good

Serial #: 8367	Outside				
Press@RunDepth:	psig @ 3337.00 ft (KB)	Capacity:	8000.00 psig		
Start Date:	2012.08.15	End Date:	2012.08.15	Last Calib.:	2012.08.15
Start Time:	09:25:17	End Time:	17:40:46	Time On Blrm:	
				Time Off Blrm:	

TEST COMMENT: IF: Weak 3 inch Blow
 IS: No Blow Back
 FF: Weak Surface Blow
 FSI: No Blow Back



PRESSURE SUMMARY

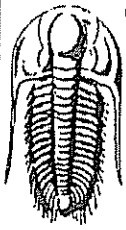
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
64.00	Mud	0.31

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas

30-31S-11W

301 S Market St
Wichita, KS 67202

Swartz Unit 1-30

Job Ticket: 49559

DST#: 1

ATTN: Vern Schrag

Test Start: 2012.08.15 @ 09:25:16

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.00 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5600.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
64.00	Mud	0.315

Total Length: 64.00 ft

Total Volume: 0.315 bbf

Num Fluid Samples: 0

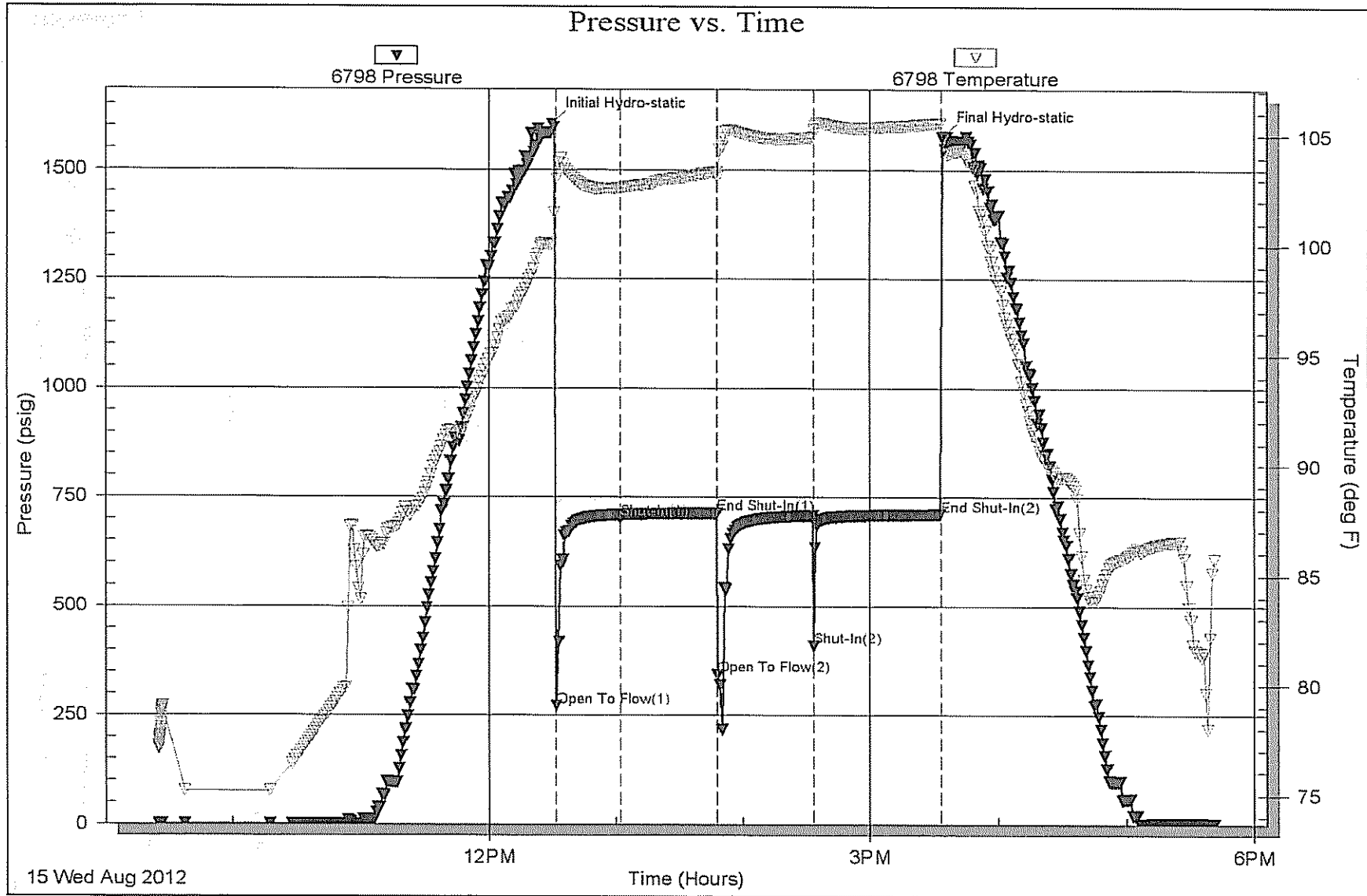
Num Gas Bombs: 0

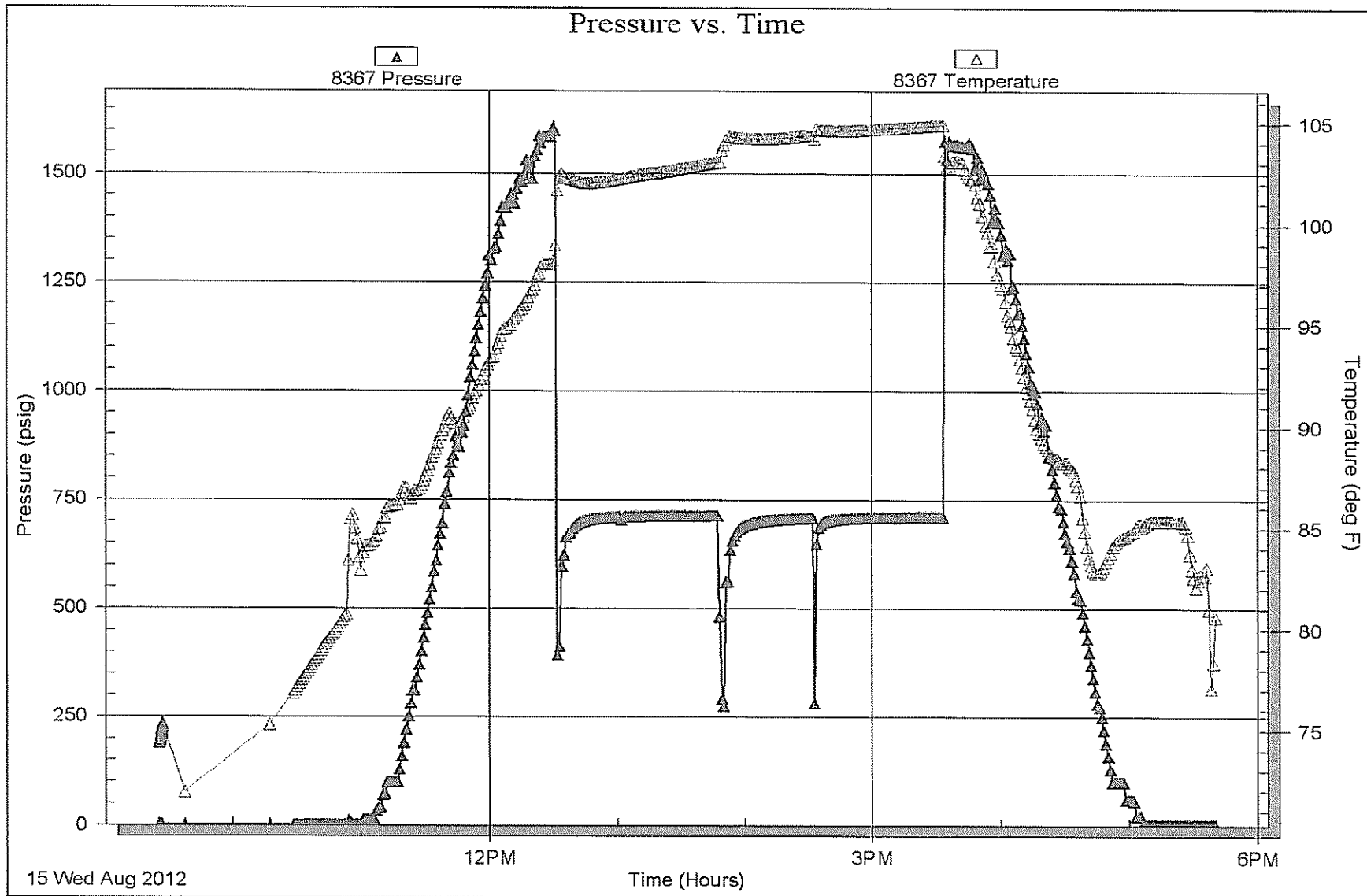
Serial #:

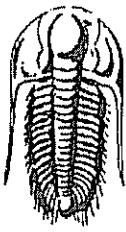
Laboratory Name:

Laboratory Location:

Recovery Comments:







**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Comp

30-31s-11w

301S Market ST
Wichita KS 67202

Swartz Trust #1-30

Job Ticket: 47571

DST#: 2

ATTN: Jay Schw eikert/ Vern

Test Start: 2012.08.16 @ 00:08:06

GENERAL INFORMATION:

Formation: **Elgin**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:17:51

Time Test Ended: 08:41:21

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Staats

Unit No: 47

Interval: 3315.00 ft (KB) To 3350.00 ft (KB) (TVD)

Total Depth: 3350.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1526.00 ft (KB)

1514.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 6755

Inside

Press@RunDepth: 384.28 psig @ 3316.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.08.16

End Date: 2012.08.16

Last Calib.: 2012.08.16

Start Time: 00:08:11

End Time: 08:41:21

Time On Btm: 2012.08.16 @ 03:16:06

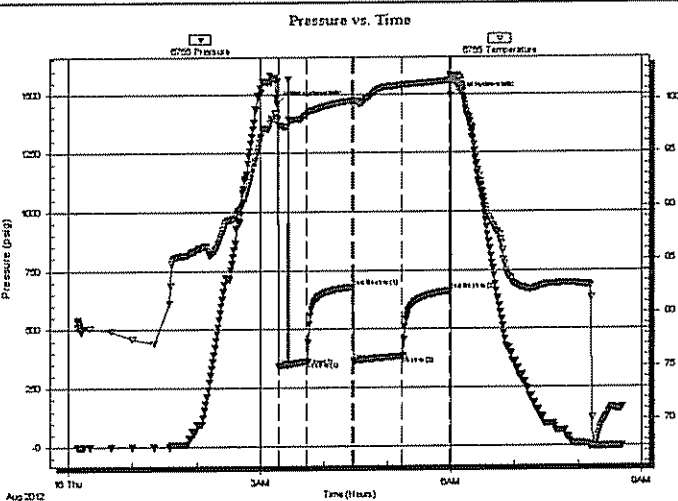
Time Off Btm: 2012.08.16 @ 05:58:51

TEST COMMENT: IF: Strong blow BOB 1 min Packer failed after tool opened Reset Packer and packer held

ISI: No blow back

FF: Weak blow 3 "

FSI: No blow back



PRESSURE SUMMARY

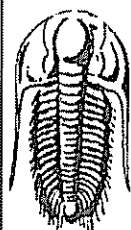
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1460.62	98.20	Initial Hydro-static
2	341.85	97.52	Open To Flow (1)
28	362.16	98.53	Shut-In(1)
71	678.86	99.91	End Shut-In(1)
73	363.35	99.83	Open To Flow (2)
118	384.28	101.34	Shut-In(2)
163	661.89	101.79	End Shut-In(2)
163	1493.64	102.30	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	930' GIP	0.00
560.00	Mud, Water, Gas 10% gas 30% water	6.20
120.00	Water, Mud 5% mud 95% water	1.68

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Comp

30-31s-11w

301S Market ST
Wichita KS 67202

Swartz Trust #1-30

Job Ticket: 47571

DST#: 2

ATTN: Jay Schweikert/ Vern

Test Start: 2012.08.16 @ 00:08:06

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 56.00 sec/qt
Water Loss: 7.99 in³
Resistivity: 0.00 ohm.m
Salinity: 2500.00 ppm
Filter Cake: 0.02 inches

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

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	930' GIP	0.000
560.00	Mud, Water, Gas 10%gas 30% water 60% m	6.197
120.00	Water, Mud 5% mud 95% water	1.683

Total Length: 680.00 ft Total Volume: 7.880 bbl

Num Fluid Samples: 0

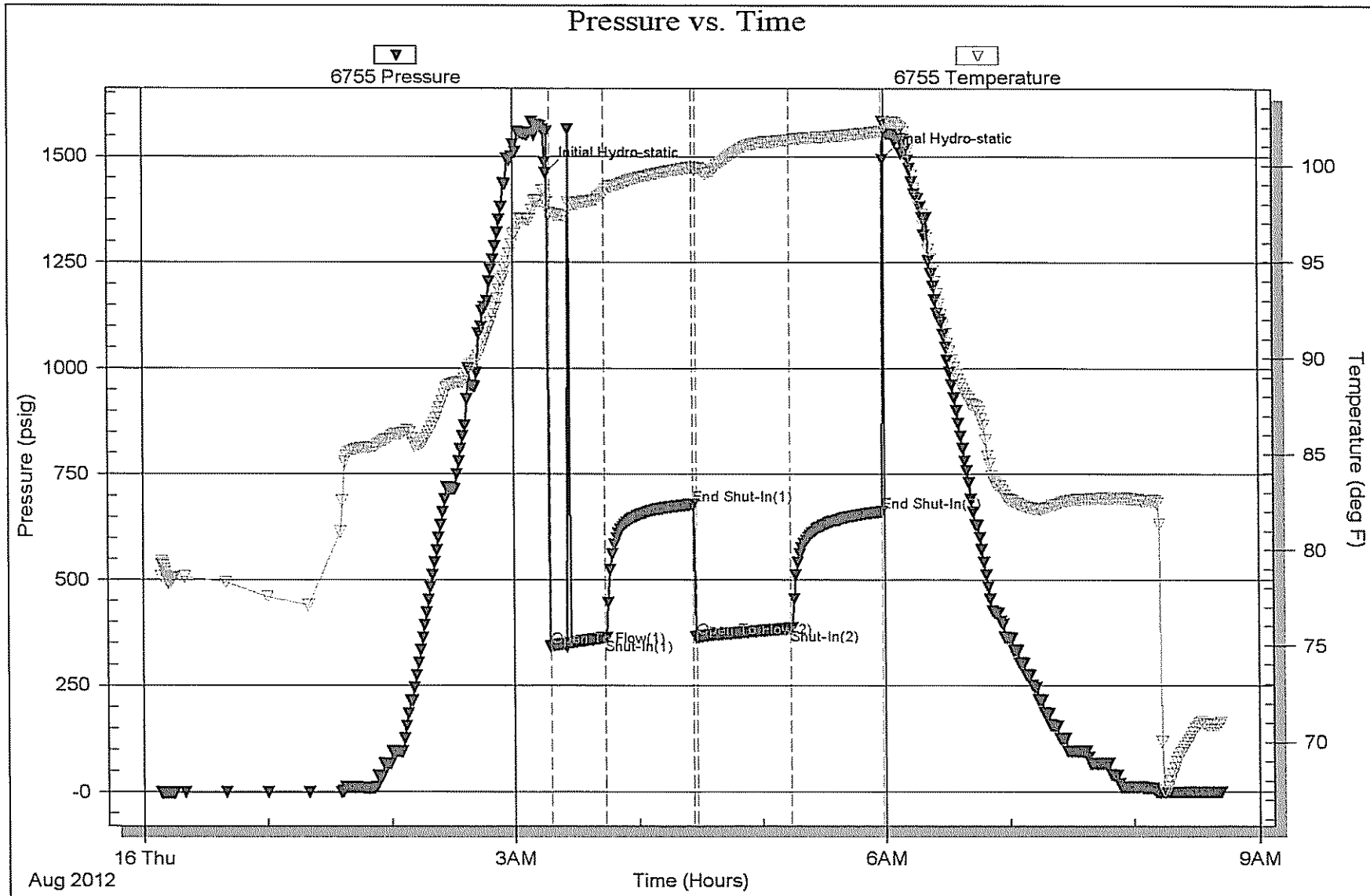
Num Gas Bombs: 0

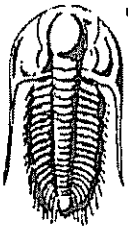
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas Company

30-31s-11w Barber, KS

301 S Market St
Wichita, KS 67202

Swartz Trust #1-30

Job Ticket: 47572

DST#: 3

ATTN: Vern Schrag

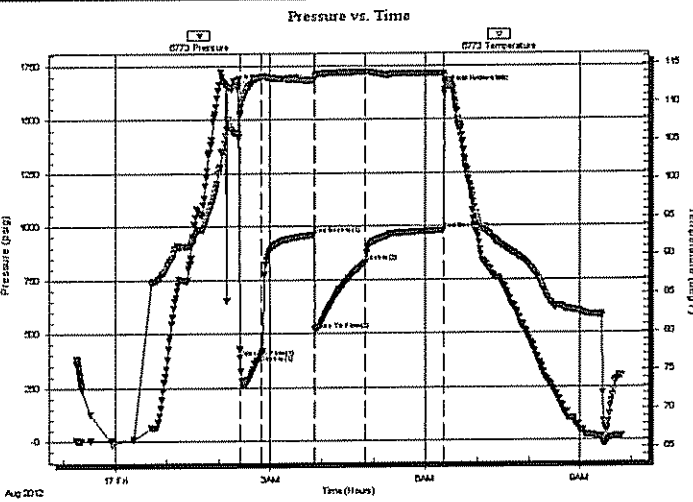
Test Start: 2012.08.16 @ 23:14:38

GENERAL INFORMATION:

Formation: **Douglas**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:24:38
 Time Test Ended: 09:48:53
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Chris Staats
 Unit No: 47
 Interval: **3535.00 ft (KB) To 3550.00 ft (KB) (TVD)**
 Reference Elevations: 1526.00 ft (KB)
 Total Depth: 3550.00 ft (KB) (TVD) 1515.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 11.00 ft

Serial #: **6773** Outside
 Press@RunDepth: 830.73 psig @ 3536.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.08.16 End Date: 2012.08.17 Last Calib.: 2012.08.17
 Start Time: 23:14:43 End Time: 09:48:53 Time On Blm: 2012.08.17 @ 02:21:08
 Time Off Blm: 2012.08.17 @ 06:22:08

TEST COMMENT: IF: Strong blow BOB 30 sec GTS 3 min TSTM
 IS: Strong blow back BOB 1 min
 FF: Strong blow BOB 2 sec
 FSI Strong blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1650.47	105.88	Initial Hydro-static
4	387.86	108.70	Open To Flow (1)
29	401.05	113.34	Shut-In(1)
90	959.57	112.85	End Shut-In(1)
92	516.74	113.46	Open To Flow (2)
150	830.73	113.97	Shut-In(2)
240	978.76	113.67	End Shut-In(2)
241	1638.37	112.56	Final Hydro-static

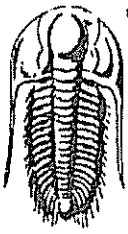
Recovery

Length (ft)	Description	Volume (bbl)
0.00	3519' GIP	0.00
372.00	M,W 40% mud 60% water	3.56
1364.00	Water 100%	19.13

* 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 Company

30-31s-11w Barber,KS

301 S Market St
Wichita, KS 67202

Swartz Trust #1-30

Job Ticket: 47572

DST#: 3

ATTN: Vern Schrag

Test Start: 2012.08.16 @ 23:14:38

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 71.00 sec/qt
Water Loss: 8.77 in³
Resistivity: 0.00 ohm.m
Salinity: 6000.00 ppm
Filter Cake: 0.02 inches

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

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	3519' GIP	0.000
372.00	M,W 40%mud 60%water	3.560
1364.00	Water 100%	19.133

Total Length: 1736.00 ft Total Volume: 22.693 bbl

Num Fluid Samples: 0

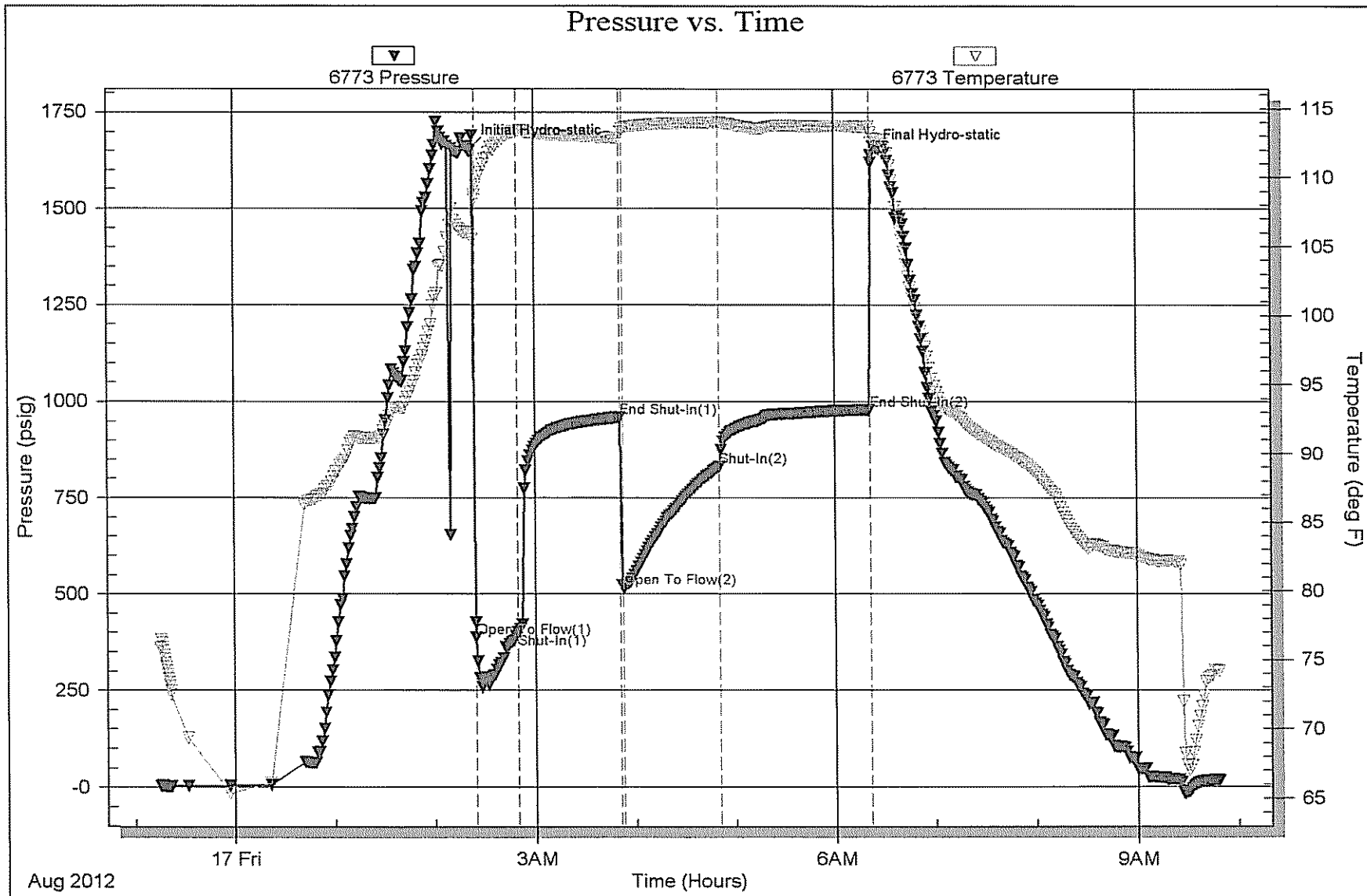
Num Gas Bombs: 0

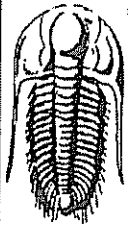
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Company

30-31s-11w Barber, KS

301 S Market St
Wichita, KS 67202

Swartz Trust #1-30

Job Ticket: 47573

DST#: 4

ATTN: Vern Schrag

Test Start: 2012.08.19 @ 12:12:03

GENERAL INFORMATION:

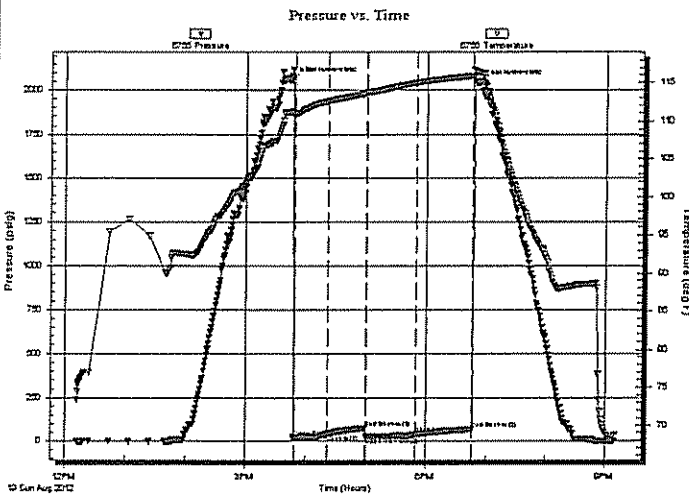
Formation: **Mississippi**
 Deviated: **No Whipstock** ft (KB)
 Time Tool Opened: 15:48:03
 Time Test Ended: 21:09:48
 Interval: **4262.00 ft (KB) To 4290.00 ft (KB) (TVD)**
 Total Depth: **4290.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**
 Test Type: **Conventional Bottom Hole (Reset)**
 Tester: **Chris Staats**
 Unit No: **47**
 Reference Elevations: **1526.00 ft (KB)**
1515.00 ft (CF)
 KB to GR/CF: **11.00 ft**

Serial #: 6755

Inside

Press@RunDepth: **37.21 psig @ 4263.00 ft (KB)**
 Start Date: **2012.08.19** End Date: **2012.08.19** Capacity: **8000.00 psig**
 Start Time: **12:12:08** End Time: **21:09:48** Last Calib.: **2012.08.19**
 Time On Blrm: **2012.08.19 @ 15:44:48**
 Time Off Blrm: **2012.08.19 @ 18:50:18**

TEST COMMENT: IF: Weak blow 1"
 IS: No blow back
 FF: Weak blow 1/4 "
 FSI: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2057.59	111.06	Initial Hydro-static
4	19.44	110.69	Open To Flow (1)
38	41.60	112.56	Shut-In(1)
75	73.37	113.51	End Shut-In(1)
76	25.08	113.73	Open To Flow (2)
125	37.21	114.98	Shut-In(2)
181	66.87	115.92	End Shut-In(2)
186	2040.15	116.45	Final Hydro-static

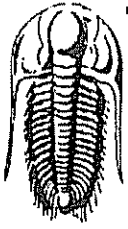
Recovery

Length (ft)	Description	Volume (bbl)
50.00	Mud with oil spots 1%oil 99% mud	0.25

* 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 Company

30-31s-11w Barber,KS

301 S Market St
Wichita, KS 67202

Swartz Trust #1-30

Job Ticket: 47573

DST#: 4

ATTN: Vern Schrag

Test Start: 2012.08.19 @ 12:12:03

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 10.00 lb/gal
Viscosity: 49.00 sec/qt
Water Loss: 7.98 in³
Resistivity: 0.00 ohm.m
Salinity: 6000.00 ppm
Filter Cake: 0.02 inches

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

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

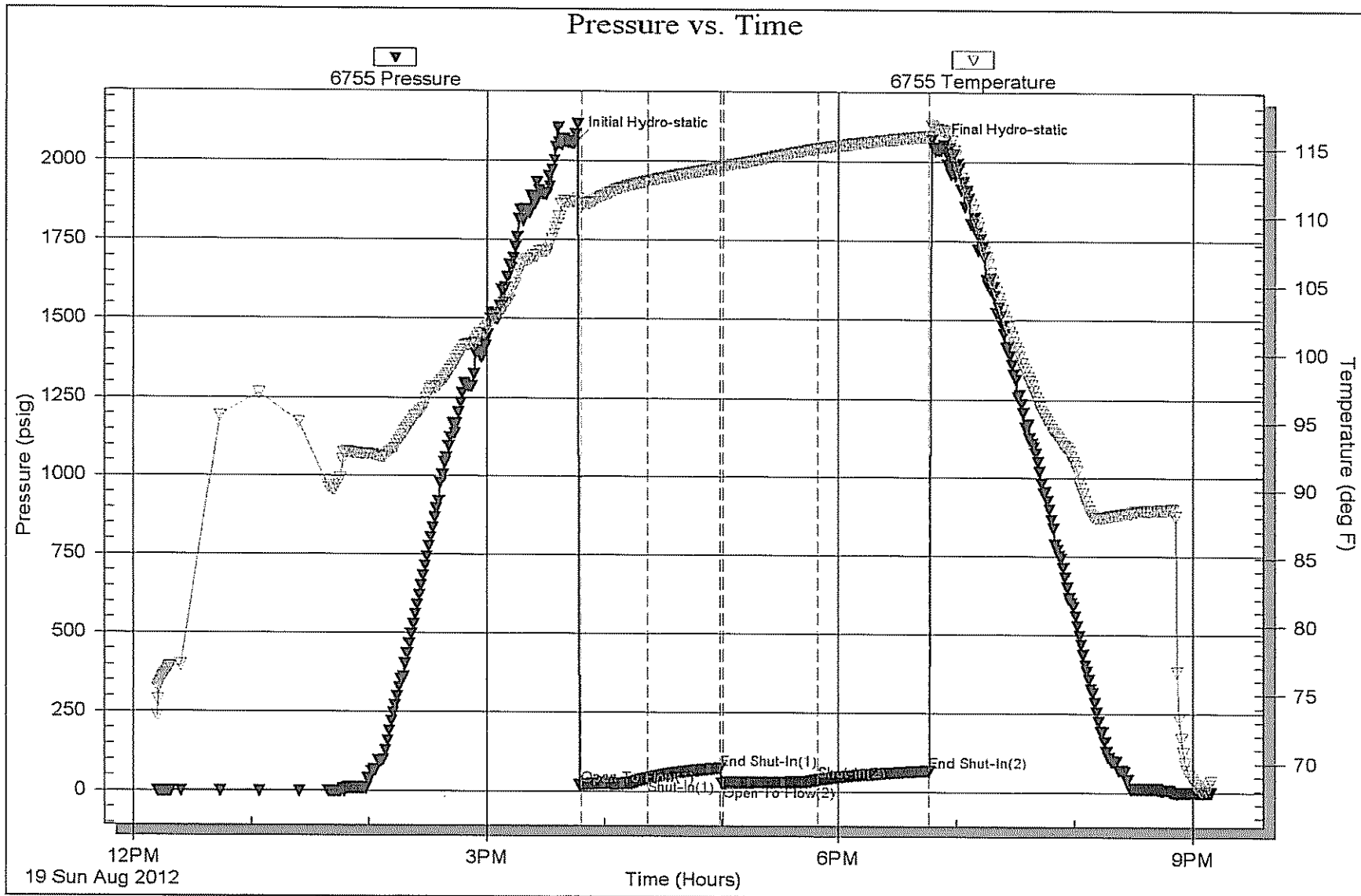
Length ft	Description	Volume bbl
50.00	Mud with oil spots 1%oil 99% mud	0.246

Total Length: 50.00 ft Total Volume: 0.246 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 Company

30-31s-11w Barber, KS

301 S Market St
Wichita, KS 67202

Swartz Trust #1-30

Job Ticket: 47574

DST#: 5

ATTN: Vern Schrag

Test Start: 2012.08.20 @ 04:02:56

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: **No Whipstock** ft (KB)

Time Tool Opened: 06:41:11

Time Test Ended: 12:06:56

Test Type: **Conventional Bottom Hole (Reset)**

Tester: **Chris Staats**

Unit No: **47**

Interval: **4290.00 ft (KB) To 4310.00 ft (KB) (TVD)**

Total Depth: **4310.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **1526.00 ft (KB)**

1515.00 ft (CF)

KB to GR/CF: **11.00 ft**

Serial #: **6755** Inside

Press@RunDepth: **80.47 psig @ 4291.00 ft (KB)**

Start Date: **2012.08.20**

End Date: **2012.08.20**

Start Time: **04:03:01**

End Time: **12:06:55**

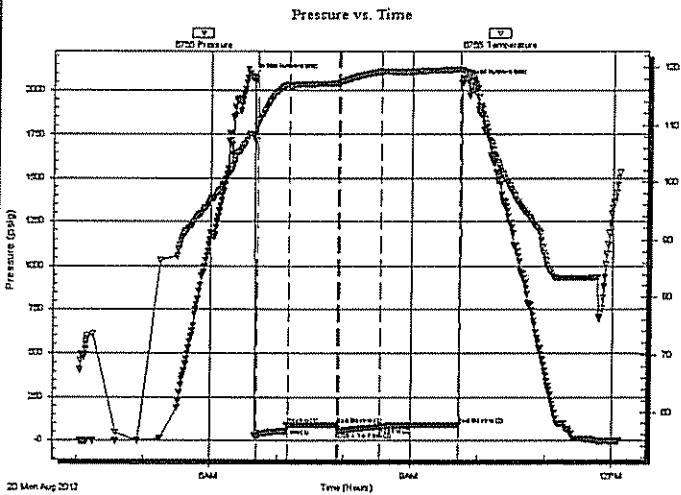
Capacity: **8000.00 psig**

Last Calib.: **2012.08.20**

Time On Btm: **2012.08.20 @ 06:36:11**

Time Off Btm: **2012.08.20 @ 09:43:56**

TEST COMMENT: IF: Strong blow BOB 1 min
IS: Weak blow back 3/4"
FF: Strong blow BOB 2 min GTS 20 min TSTM
FS: Weak blow back 1"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2075.59	108.42	Initial Hydro-static
5	25.32	109.97	Open To Flow (1)
34	87.86	116.49	Shut-In(1)
78	89.21	117.27	End Shut-In(1)
80	53.35	117.17	Open To Flow (2)
116	80.47	119.27	Shut-In(2)
187	88.53	119.68	End Shut-In(2)
188	2042.16	119.72	Final Hydro-static

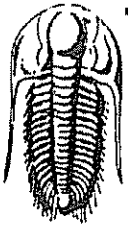
Recovery

Length (ft)	Description	Volume (bbl)
0.00	4290' GIP	0.00
100.00	O,G,M,W 5%oil20%gas 25%mud 50%w	0.49
100.00	O,M,W 5%oil 5%mud 90% w ater	0.66

* 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 Company

30-31s-11w Barber, KS

301 S Market St
Wichita, KS 67202

Swartz Trust #1-30

Job Ticket: 47574

DST#: 5

ATTN: Vern Schrag

Test Start: 2012.08.20 @ 04:02:56

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 10.00 lb/gal
Viscosity: 48.00 sec/qt
Water Loss: 7.99 in*
Resistivity: 0.00 ohm.m
Salinity: 6100.00 ppm
Filter Cake: 0.02 inches

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

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	4290' GIP	0.000
100.00	O,G,M,W 5%oil20%gas 25%mud 50%w ater	0.492
100.00	O,M,W 5%oil 5%mud 90% w ater	0.656

Total Length: 200.00 ft Total Volume: 1.148 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

