

Confidentiality Requested:

☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1076356

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

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: _____

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

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

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

<div style="text-align: center;"> CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used </div> <div style="text-align: center;">Report all strings set-conductor, surface, intermediate, production, etc.</div>							
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 (Amount and Kind of Material Used)		Depth
TUBING RECORD: Size: Set At: Packer At:			Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No		
Date of First, Resumed Production, SWD or ENHR.		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<p>DISPOSITION OF GAS:</p> <p><input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease</p> <p><i>(If vented, Submit ACO-18.)</i></p>	<p>METHOD OF COMPLETION:</p> <p><input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled</p> <p><i>(Submit ACO-5)</i></p> <p><input type="checkbox"/> Other <i>(Specify)</i> _____</p>	<p>PRODUCTION INTERVAL:</p> <p>_____</p> <p>_____</p>
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Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Anderson Sands 1-24
Doc ID	1076356

All Electric Logs Run

MPD/MDN
MSS
MAI/MFE
MML

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Anderson Sands 1-24
Doc ID	1076356

Tops

Name	Top	Datum
Heebner	4010	-843
Lansing	4054	-887
Stark Sh	4357	-1190
Hushpuckney	4412	-1245
Base KC	4478	-1311
Marmaton	4516	-1349
Pawnee	4610	-1443
Ft. Scott	4631	-1464
Johnson	4735	-1568
Morrow	4821	-1654
Mississippian	4883	-1716
St. Louis	4908	-1741

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
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

April 04, 2012

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

Re: ACO1
API 15-203-20171-00-00
Anderson Sands 1-24
NE/4 Sec.24-18S-35W
Wichita 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



PO Box 93999
Southlake, TX 76092

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

INVOICE

Invoice Number: 130598

Invoice Date: Mar 21, 2012

Page: 1

Bill To:

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



*Drilling
AFE-12-045
CK 4/13/12*

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Lario	<u>Anderson Sands #1-24</u>	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-03	Oakley	Mar 21, 2012	4/20/12

Quantity	Item	Description	Unit Price	Amount
168.00	MAT	Class A Common	16.25	2,730.00
112.00	MAT	Pozmix	8.50	952.00
10.00	MAT	Gel	21.25	212.50
70.00	MAT	FloSeal	2.70	189.00
290.00	SER	Handling	2.25	652.50
50.00	SER	Mileage	31.90	1,595.00
1.00	SER	Plug To Abandon	1,250.00	1,250.00
50.00	SER	Heavy Vehicle Mileage	7.00	350.00
50.00	SER	Light Vehicle Mileage	4.00	200.00
1.00	CEMENTER	Terry Heinrich		
1.00	OPER ASSIST	Tyler Flipse		
1.00	OPER ASSIST	Steve Heikkila		
1.00	OPER ASSIST	Brandon Wilkinson		

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

\$ 1624.20

ONLY IF PAID ON OR BEFORE
Apr 15, 2012

Subtotal	8,131.00
Sales Tax	593.56
Total Invoice Amount	8,724.56
Payment/Credit Applied	
TOTAL	8,724.56

ALLIED CEMENTING CO., LLC. 035946

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
DAKLEY, KS

DATE <u>3-21-12</u>	SEC <u>24</u>	TWP <u>13S</u>	RANGE <u>35W</u>	CALLER OUT	ON LOCATION <u>6:00 PM</u>	JOB START <u>12:30 PM</u>	JOB FINISH <u>1:30 PM</u>
LEASE <u>JOHNSON SANDS</u>	WELL # <u>1-24</u>	LOCATION <u>MOBIL 2 1/2 W - 1/2 S - IN FNB</u>			COUNTY <u>SCOTT</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR DUKE ORLY RIG #4
TYPE OF JOB PTA
HOLE SIZE 7 1/8" T.D. 5050'
CASING SIZE DEPTH
TUBING SIZE DEPTH
DRILL PIPE 4 1/2" DEPTH 2460'
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG.
PERFS.
DISPLACEMENT

OWNER SAME

CEMENT
AMOUNT ORDERED
280 SKS 60/40 P02 40861 1/4" FLO-SEAL

EQUIPMENT
PUMP TRUCK CEMENTER TERRY
1 431 HELPER TYLER
BULK TRUCK
1 104 DRIVER STEVE
BULK TRUCK
1 104 DRIVER GRANDON

COMMON	<u>168 SKS</u>	@	<u>16.25</u>	<u>2730.00</u>
POZMIX	<u>112 SKS</u>	@	<u>8.50</u>	<u>952.00</u>
GEL	<u>10 SKS</u>	@	<u>21.25</u>	<u>212.50</u>
CHLORIDE		@		
ASC		@		
<u>FLO-SEAL 70"</u>		@	<u>2.70</u>	<u>182.70</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>290 SKS</u>	@	<u>2.25</u>	<u>652.50</u>
MILEAGE	<u>114 PER SK / MILE</u>			<u>1595.00</u>
TOTAL				<u>6331.20</u>

REMARKS:
50 SKS AT 2460'
80 SKS AT 1320'
50 SKS AT 690'
50 SKS AT 330'
20 SKS AT 60'
30 SKS RPT HOLE
RAN OUT OF CEMENT FOR 60' + RPT HOLE
GRANDON BROUGHT BACK OUT CEMENT.

THANK YOU

CHARGE TO: LARIO OIL & GAS
TREET
ITY STATE ZIP

SERVICE

DEPTH OF JOB	<u>2460</u>
PUMP TRUCK CHARGE	<u>1250.00</u>
EXTRA FOOTAGE	@
MILEAGE	<u>50 A/E @ 7.8</u> <u>390.00</u>
MANIFOLD	@
<u>Light Vehicle 50 min</u>	<u>4 @ 50</u> <u>200.00</u>
TOTAL <u>1900.00</u>	

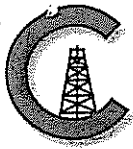
PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
TOTAL		

SALES TAX (If Any)
TOTAL CHARGES
DISCOUNT 20% IF PAID IN 30 DAYS

to Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment
and furnish cementer and helper(s) to assist owner or
contractor to do work as is listed. The above work was
done to satisfaction and supervision of owner agent or
contractor. I have read and understand the "GENERAL
TERMS AND CONDITIONS" listed on the reverse side.

UNITED NAME
SIGNATURE Rich Wheeler



CONSOLIDATED
Oil Well Services, LLC

REMIT TO
Consolidated Oil Well Services, LLC
Dept. 970
P.O. Box 4346
Houston, TX 77210-4346

MAIN OFFICE
P.O. Box 884
Chanute, KS 66720
620/431-9210 • 1-800/467-8676
Fax 620/431-0012

INVOICE

Invoice # 248371

Invoice Date: 03/13/2012 Terms: 15/15/30,n/30

Page 1

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

ANDERSON SANDS 1-24
36293
24-18S-35W
3-12-2012
KS

Drilling
AFE 12-045
3-16-2012
JB

Part Number	Description	Qty	Unit Price	Total
1104S	CLASS "A" CEMENT (SALE)	225.00	17.6500	3971.25
1102	CALCIUM CHLORIDE (50#)	635.00	.8900	565.15
1118B	PREMIUM GEL / BENTONITE	423.00	.2500	105.75

Sublet Performed	Description	Total
9999-130	CASH DISCOUNT	-696.32
9999-130	CASH DISCOUNT	-298.66

	Description	Hours	Unit Price	Total
439	TON MILEAGE DELIVERY	422.80	1.67	706.08
520	CEMENT PUMP (SURFACE)	1.00	1085.00	1085.00
520	EQUIPMENT MILEAGE (ONE WAY)	40.00	5.00	200.00

Surf by Ant
all
JS
REP
MAR 19 2012
all

Amount Due 7018.53 if paid after 04/12/2012

Parts:	4642.15	Freight:	.00	Tax:	327.51	AR	5965.76
Labor:	.00	Misc:	.00	Total:	5965.76		
Sublt:	-994.98	Supplies:	.00	Change:	.00		

Signed _____ Date _____



ENTERED

7. ET NUMBER 36293
LOCATION OAKLEY KS
FOREMAN Rick Ledford

CEMENT

API # 15-203-20171

DATE		CUSTOMER #		WELL NAME & NUMBER		SECTION	TOWNSHIP	RANGE	COUNTY
3/12/12		4793		Anderson Sands 1-24		24	18S	35W	Wichita
CUSTOMER									
Lario Oil and Gas									
MAILING ADDRESS									
301 South Market									
CITY		STATE		ZIP CODE					
Wichita		KS		67202					

Duke
Orls
4

TRUCK #	DRIVER	TRUCK #	DRIVER
520	John Sanchez		
439	Jim Mead		

JOB TYPE <u>Surface</u>	HOLE SIZE <u>12 1/4"</u>	HOLE DEPTH <u>308'</u>	CASING SIZE & WEIGHT <u>8 5/8"</u>
CASING DEPTH <u>309'</u>	DRILL PIPE _____	TUBING _____	OTHER _____
SLURRY WEIGHT <u>15#</u>	SLURRY VOL <u>54 Bbl</u>	WATER gal/sk <u>6.5</u>	CEMENT LEFT in CASING <u>20'</u>
DISPLACEMENT <u>18.6 Bbl</u>	DISPLACEMENT PSI _____	MIX PSI _____	RATE _____

DISPLACEMENT 18.6 BBL DISPLACEMENT PSI MIXT. PSI

REMARKS: Safety meeting - Rig up to 8 5/8" casing. Mixed 225 sks class A cement w/ 3% cacl₂ + 2% gel @ 15#/gal. yield 1.35. Shut down, release 8 5/8" wooden plug. Displace w/ 18.6 Bbls fresh water. Shut casing in w/ good cement returns to surface = 8 Bbl slurry to pit. Job complete. Rig down.

[illegible]

Flavin 3737

AUTHORIZATION Arthur Wheeler

TITLE

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

Friday, December 02, 2011
8:15 AM

Cement Bid for: LARIO OIL AND GAS

Type of Job: SURFACE-350'
Lease: ANDERSON SANDS #1-24
County: SCOTT
State: KS
Legals-SEC 24-18S-35W

225
240 SKS COM, 3%CC-2%GEL
YIELD 1.24@15.2 PPG

Pump truck- 1,085.00
40 Miles- 200.00
TOTAL=1,285.00

240 SKS COM -	4,236.00
678# CC	603.42
452# GEL	113.00
11.28 TON MILEAGE	753.60
TOTAL	5,706.02

	PUMPTRUCK-1,285.00 MATERIAL - 5,706.02 FLOAT EQUIP-
	SUB TOTAL - 6,991.02 15% DISC - 1,048.65
	TOTAL = 5,942.37

TAX INCLUDED AT INVOICING

BID BY: WALT DINKEL



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas

24-18s-35w

301 Market St
Wichita KS 67202

Anderson Sands1-24

Job Ticket: 46477

DST#: 1

ATTN: Vern Schrag

Test Start: 2012.03.17 @ 03:44:15

GENERAL INFORMATION:

Formation: Lansing "D"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:48:30

Time Test Ended: 11:17:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Mike Roberts

Unit No: 48

Interval: 4143.00 ft (KB) To 4160.00 ft (KB) (TVD)

Total Depth: 4160.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3167.00 ft (KB)

3158.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6668

Outside

Press@RunDepth: 498.27 psig @ 4144.00 ft (KB)

Start Date: 2012.03.17

End Date:

2012.03.17

Start Time: 03:44:15

End Time:

11:17:15

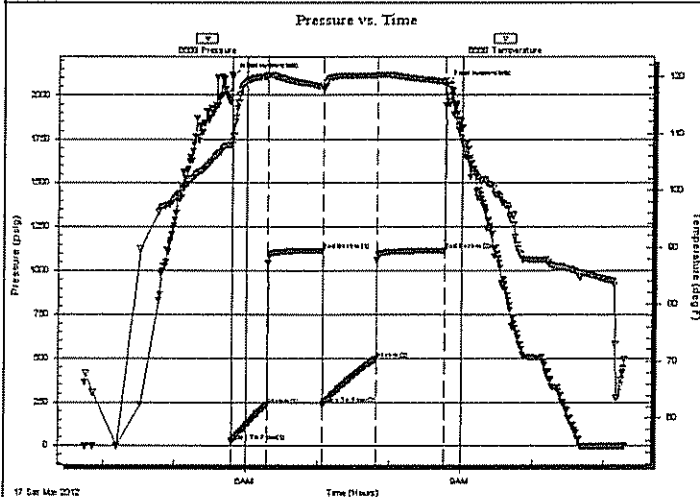
Capacity: 8000.00 psig

Last Calib.: 2012.03.17

Time On Blm: 2012.03.17 @ 05:48:15

Time Off Blm: 2012.03.17 @ 08:46:30

TEST COMMENT: IF:BOB in 7 min.
IS:No return blow
FF:BOB in 8 min.
FS:No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2105.37	108.77	Initial Hydro-static
1	25.53	108.12	Open To Flow (1)
30	234.56	120.04	Shut-In(1)
76	1118.71	118.22	End Shut-In(1)
76	237.88	117.87	Open To Flow (2)
121	498.27	120.06	Shut-In(2)
178	1118.01	118.99	End Shut-In(2)
179	2064.36	118.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1054.00	sw with oil spots	14.78

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Lario Oil & Gas

ATTN: Vern Schrag

Anderson Sands1-24

DST#: 1

Test Start: 2012.03.17 @ 03:44:15

Formation: Lansing "D"

Time Tool Opened: 05:48:30

Time Test Ended: 11:17:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Mike Roberts

Unit No: 48

Interval: 4143.00 ft (KB) To 4160.00 ft (KB) (TVD)

Total Depth: 4160.00 ft (KB) (TVD)

Hole Diameter: 7.88 inchesHole Condition: Fair

Reference Elevations: 3167.00 ft (KB)

3158.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8358

Inside

Press@RunDepth: psig @ 4144.00 ft (KB)

Start Date: 2012.03.17

End Date:

2012.03.17

Start Time: 03:44:15

End Time:

11:17:15

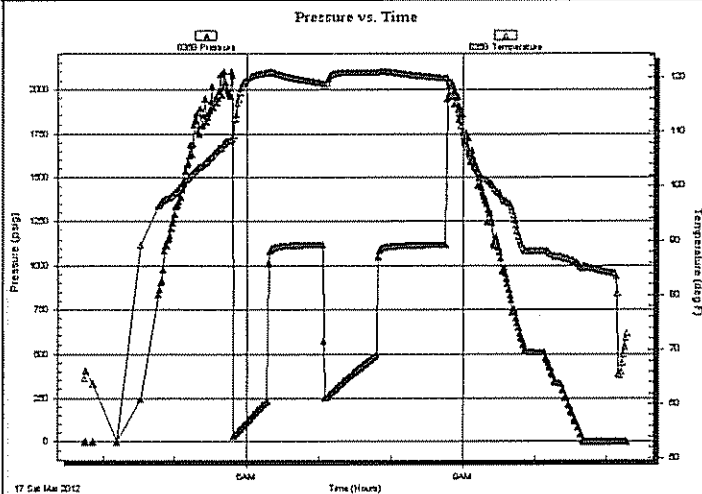
Capacity: 8000.00 psig

Last Calib.: 2012.03.17

Time On Btm:

Time Off Blm:

TEST COMMENT: IF:BOB in 7 min.
IS:No return blow
FF:BOB in 8 min.
FS:No return blow

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

Annotation

Length (ft)	Description	Volume (bbl)
1054.00	sw with oil spots	14.78

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

Pressure (psig)

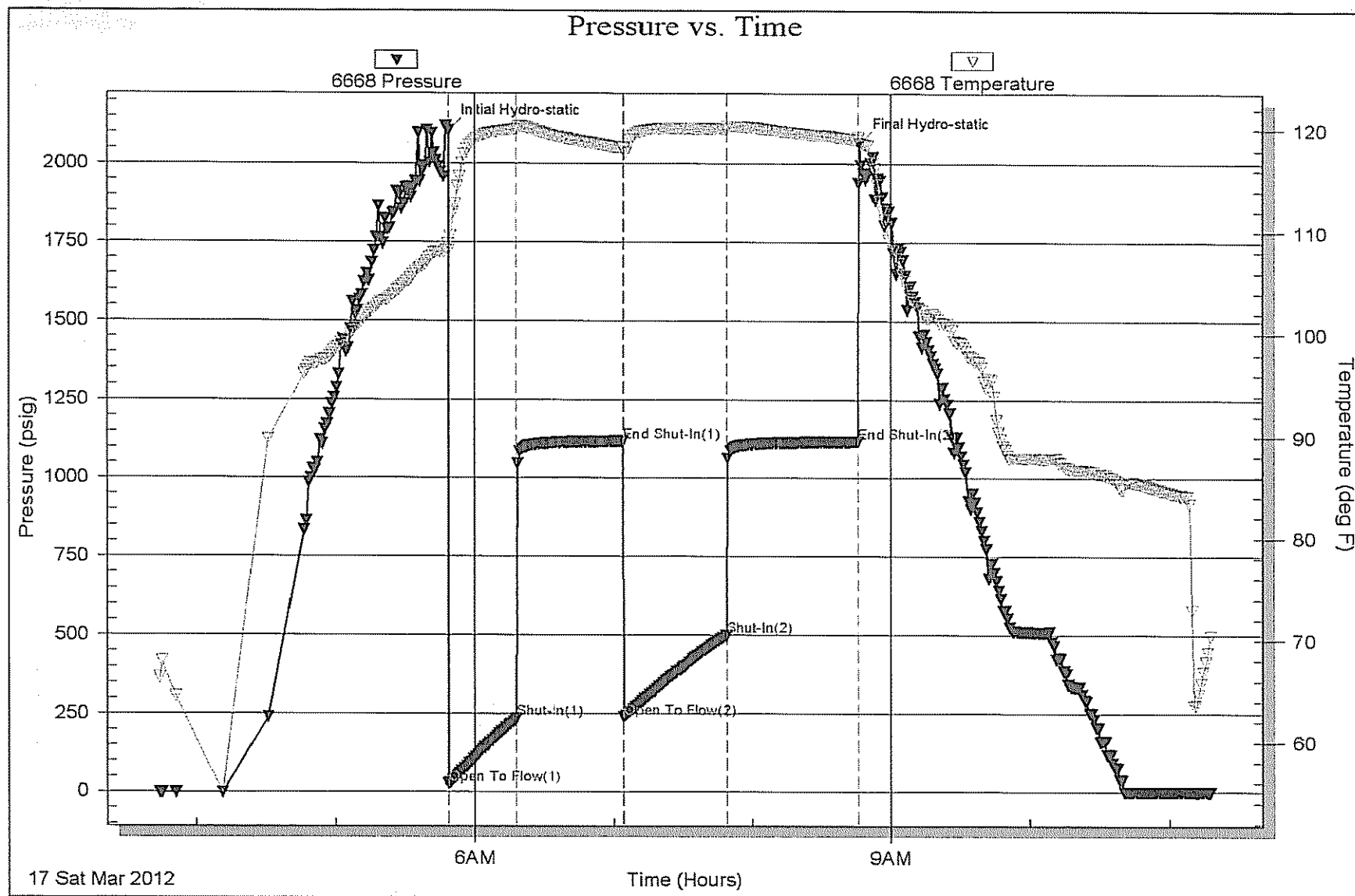
Gas Rate (Mcf/d)

Serial #: 6668

Outside Lario Oil & Gas

Anderson Sands1-24

DST Test Number: 1





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas

24-18s-35w

301 Market St
Wichita KS 67202

Anderson Sands1-24

Job Ticket: 46477

DST#: 1

ATTN: Vern Schrag

Test Start: 2012.03.17 @ 03:44:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

25000 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1054.00	sw with oil spots	14.785

Total Length: 1054.00 ft Total Volume: 14.785 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW= .365@54.5= 25,000 ppm

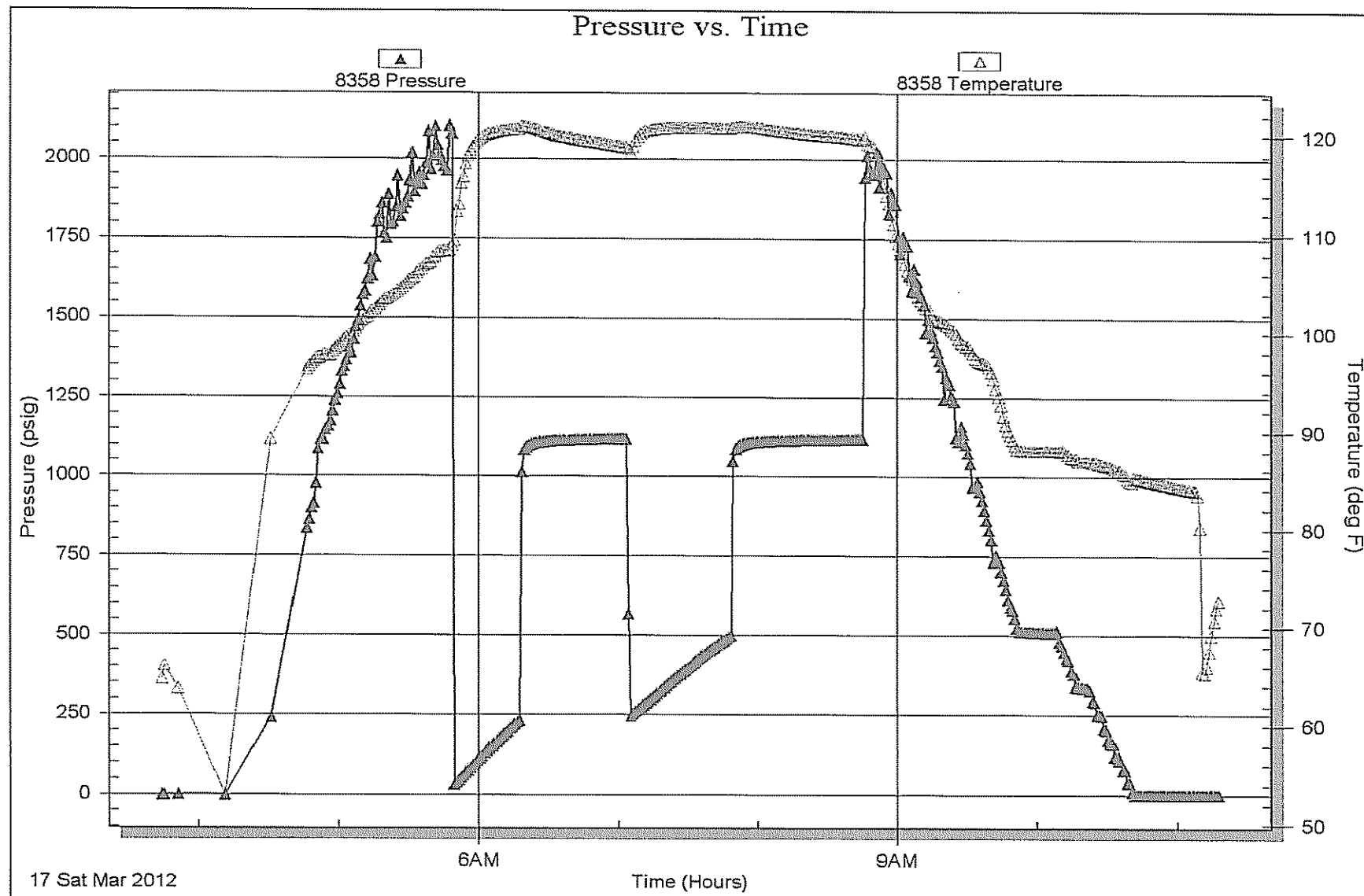
Serial #: 8358

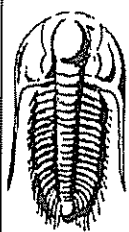
Inside

Lario Oil & Gas

Anderson Sands 1-24

DST Test Number: 1





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas

24-18s-35w

301 Market St
Wichita KS 67202

Anderson Sands I-24

Job Ticket: 46478

DST#: 2

ATTN: Vern Schrag

Test Start: 2012.03.17 @ 00:47:00

GENERAL INFORMATION:

Formation: H

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:41:00

Time Test Ended: 07:43:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 48

Interval: 4250.00 ft (KB) To 4276.00 ft (KB) (TVD)

Total Depth: 4250.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3167.00 ft (KB)

3158.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6668

Outside

Press@RunDepth: 42.27 psig @ 4251.00 ft (KB)

Start Date: 2012.03.17

End Date:

2012.03.17

Capacity: 8000.00 psig

Last Calib.: 2012.03.18

Start Time: 00:47:15

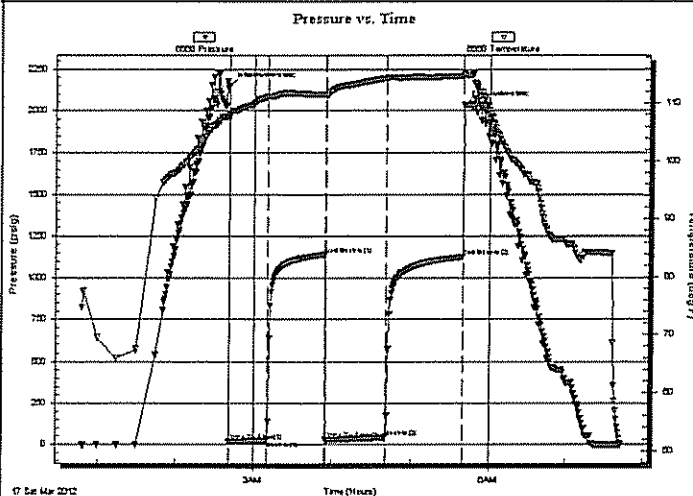
End Time:

07:43:45

Time On Btm: 2012.03.17 @ 02:40:45

Time Off Btm: 2012.03.17 @ 05:40:30

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



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2152.21	107.94	Initial Hydro-static
1	18.98	107.39	Open To Flow (1)
30	25.91	111.11	Shut-In(1)
74	1142.26	111.47	End Shut-In(1)
75	27.14	111.21	Open To Flow (2)
121	42.27	114.31	Shut-In(2)
180	1126.85	114.69	End Shut-In(2)
180	2035.10	115.16	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	mud with oil spots	0.84

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas

24-185-35W

301 Market St
Wichita KS 67202

Anderson Sands !-24

Job Ticket: 46478

DST#: 2

ATTN: Vern Schrag

Test Start: 2012.03.17 @ 00:47:00

GENERAL INFORMATION:

Formation: H
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 02:41:00
Time Test Ended: 07:43:45

Test Type: Conventional Bottom Hole (Reset)
Tester: Mike Roberts
Unit No: 48

Interval: 4250.00 ft (KB) To 4276.00 ft (KB) (TVD)
Total Depth: 4250.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3167.00 ft (KB)
3158.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 8358

inside

Press@RunDepth: psia @ 4251.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.03.17

End Date:

2012.03.17

Last Calib.:

2012.03.18

Start Time: 00:47:15

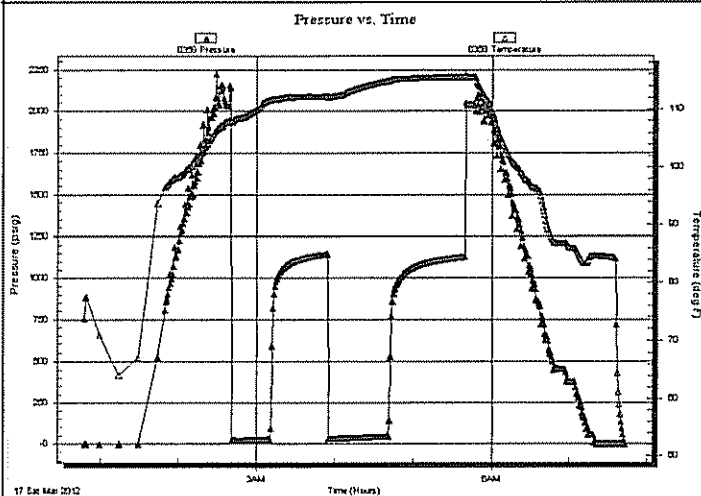
End Time:

07:44:00

Time On Btmc

Time Off Btrc

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



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
60.00	mud with oil spots	0.84

* Recovery from multiple tests

Gas Rates

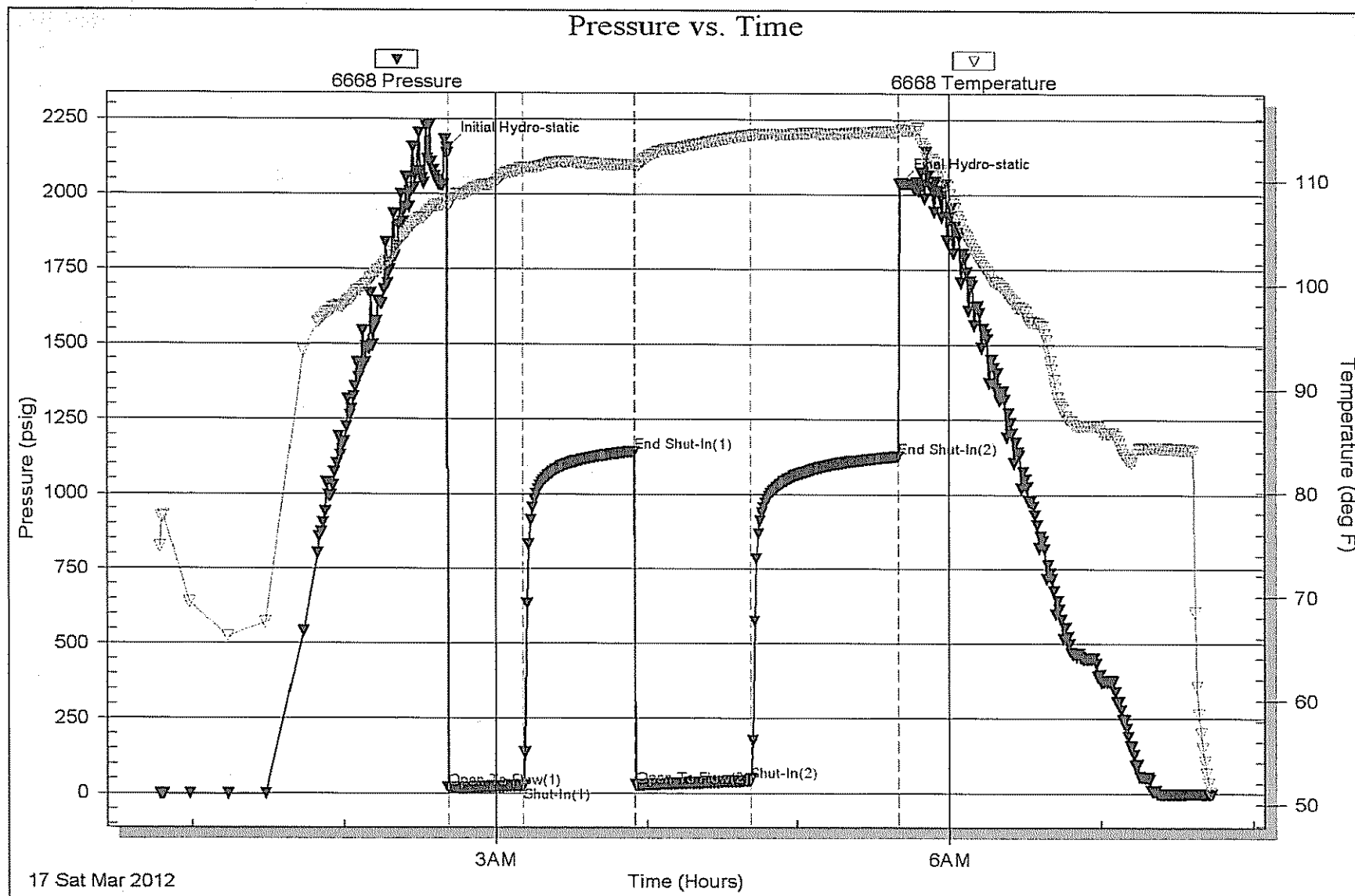
	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
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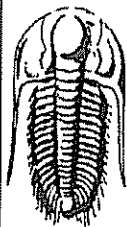
Serial #: 6668

Outside: Lario Oil & Gas

Anderson Sands I-24

DST Test Number: 2





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas

24-18s-35w

301 Market St
Wichita KS 67202

Anderson Sands I-24

Job Ticket: 46478

DST#: 2

ATTN: Vern Schrag

Test Start: 2012.03.17 @ 00:47:00

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: 53.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.17 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	mud with oil spots	0.842

Total Length: 60.00 ft

Total Volume: 0.842 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8358

Inside

Lario Oil & Gas

Anderson Sands I-24

DST Test Number: 2

