

Confidentiality Requested:

☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1133388

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: _____



1133388

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 (Attach Additional Sheets)	☐ Yes ☐ No	☐ Log	Formation (Top), Depth and Datum	☐ Sample
Samples Sent to Geological Survey	☐ Yes ☐ No	Name	Top	Datum
Cores Taken	☐ Yes ☐ No			
Electric Log Run	☐ Yes ☐ No			
List All E. Logs Run:				

CASING RECORD ☐ New ☐ 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
☐ Perforate				
☐ Protect Casing				
☐ Plug Back TD				
☐ 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: ☐ 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: ☐ Vented ☐ Sold ☐ Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: ☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled (Submit ACO-5) ☐ Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	W Smith Farms 1-21
Doc ID	1133388

All Electric Logs Run

MAI/MFE
MPD/MDN
MML
MSS

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	W Smith Farms 1-21
Doc ID	1133388

Tops

Name	Top	Datum
Heebner	3969	-797
Lansing	4020	-848
Stark Shale	4333	-1161
Hushpuckney	4381	-1209
Base KC	4468	-1296
Marmaton	4505	-1333
Pawnee	4600	-1428
Ft. Scott	4621	-1449
Johnson	4732	-1560
Morrow	4832	-1660
Basal Penn	4924	-1752
Mississippian	4934	-1762
St. Louis	4995	-1823

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

May 03, 2013

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

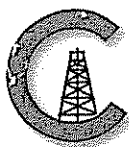
Re: ACO1
API 15-203-20215-00-00
W Smith Farms 1-21
SW/4 Sec.21-19S-35W
Wichita County, Kansas

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



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 # 258037

Invoice Date: 04/15/2013 Terms: 15/15/30,n/30

Page 1

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

W. SMITH FARMS 1-21
39392
21-19-35 drilling AFE 13-100
04-12-2013 4-18-13 LK
KS

Part Number	Description	Qty	Unit Price	Total
1104S	CLASS "A" CEMENT (SALE)	225.00	17.6500	3971.25
1102	CALCIUM CHLORIDE (50#)	636.00	.8900	566.04
1118B	PREMIUM GEL / BENTONITE	424.00	.2500	106.00

Sublet Performed	Description	Total
9996-130	CEMENT MATERIAL DISCOUNT	-696.49
9995-130	CEMENT EQUIPMENT DISCOUNT	-315.77

	Description	Hours	Unit Price	Total
405	CEMENT PUMP (SURFACE)	1.00	1085.00	1085.00
405	EQUIPMENT MILEAGE (ONE WAY)	45.00	5.00	225.00
528	TON MILEAGE DELIVERY	1.00	795.15	795.15

KE
APR 22 2013
44

Amount Due 7133.83 if paid after 05/15/2013

Parts:	4643.29	Freight:	.00	Tax:	327.58	AR	6063.76
Labor:	.00	Misc:	.00	Total:	6063.76		
Sublt:	-1012.26	Supplies:	.00	Change:	.00		

Signed

Date

BARTLESVILLE, OK
918/338-0808

EL DORADO, KS
316/322-7022

EUREKA, KS
620/583-7664

PONCA CITY, OK
580/762-2303

OAKLEY, KS
785/672-8822

OTTAWA, KS
785/242-4044

THAYER, KS
620/839-5269

GILLETTE, WY
307/686-4914

CUSHING, OK
918/225-2650

CONSOLIDATED
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

258037

TICKET NUMBER 39392
LOCATION Oakley, KS
FOREMAN Kelly Gabel

FIELD TICKET & TREATMENT REPORT

CEMENT

DATE		CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4-22-13		4793	W Smith Farms #1-21	21	19	35	Wichita
CUSTOMER			Marionette Rd 20 65 3/4 E S 100				
Lario Oil & Gas				TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS				405	Jordan		
				528	Travis		
CITY		STATE	ZIP CODE				

JOB TYPE <u>Surface</u>	HOLE SIZE <u>12 1/4</u>	HOLE DEPTH <u>347</u>	CASING SIZE & WEIGHT <u>8 5/8 24 lb</u>
CASING DEPTH <u>346</u>	DRILL PIPE _____	TUBING _____	OTHER _____
SLURRY WEIGHT <u>148</u>	SLURRY VOL _____	WATER gal/sk _____	CEMENT LEFT in CASING <u>20'</u>
DISPLACEMENT <u>20 bbl</u>	DISPLACEMENT PSI _____	MIX PSI _____	RATE _____

REMARKS: safety meeting, rigged up on W4W#2, hooked up to C3 occlude, mixed 225 sks com 370 CC 290 gel, displaced with 2000l water, shut in, washed out pumps & lines rigged down.

Cement did circulate

Approx 75001 to 76000

[illegible]

✓	Completed
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Asper bid

Less 15%

SALES TAX	
<u>ESTIMATED</u>	
TOTAL	

67.48	44
1012.25	
5736	18
327.58	
10063.76	

Rayin 3737

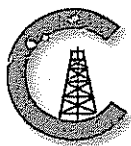
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AUTHORIZATION

TITLE

DATE 4-12-13

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, 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 # 258207

Invoice Date: 04/23/2013 Terms: 15/15/30,n/30

Page 1

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

W. SMITH FARMS 1-21
39899
21-19-35
04-22-2013
KS

Drilling
AFE-13-100
CK 4/26/13

Part Number	Description	Qty	Unit Price	Total
1131	60/40 POZ MIX	290.00	15.8600	4599.40
1118B	PREMIUM GEL / BENTONITE	998.00	.2700	269.46
1107	FLO-SEAL (25#)	72.00	2.9700	213.84

Sublet Performed	Description	Total
9996-130	CEMENT MATERIAL DISCOUNT	-762.41
9995-130	CEMENT EQUIPMENT DISCOUNT	-392.04

Description	Hours	Unit Price	Total
399 P & A NEW WELL	1.00	1395.00	1395.00
399 EQUIPMENT MILEAGE (ONE WAY)	45.00	5.25	236.25
566 TON MILEAGE DELIVERY	1.00	982.35	982.35

Amount Due 8118.17 if paid after 05/23/2013

Parts:	5082.70	Freight:	.00	Tax:	358.59	AR	6900.44
Labor:	.00	Misc:	.00	Total:	6900.44		
Sublt:	-1154.45	Supplies:	.00	Change:	.00		

Signed

Date

PARTLESVILLE, OK
918/338-0808

EL DORADO, KS
316/322-7022

EUREKA, KS
620/583-7664

PONCA CITY, OK
580/762-2303

OAKLEY, KS
785/672-8822

OTTAWA, KS
785/242-4044

THAYER, KS
620/839-5269

GILLETTE, WY
307/686-4914

CUSHING, OK
918/225-2650

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT CEMENT

TICKET NUMBER 39899
LOCATION Oakley, KS
FOREMAN Kelly Gabel

258207

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-22-13	4793	Wasmith Farms #1-21	21	195	35W	Wichita
CUSTOMER						
MAILING ADDRESS						
CITY	STATE	ZIP CODE	TRUCK #	DRIVER	TRUCK #	DRIVER
			399	Jordan		
			566	Jeremy		
				Jack	Ride along	

JOB TYPE <u>PTA</u>	HOLE SIZE <u>7 7/8</u>	HOLE DEPTH <u>5300</u>	CASING SIZE & WEIGHT _____
CASING DEPTH _____	DRILL PIPE _____	TUBING _____	OTHER _____
SLURRY WEIGHT _____	SLURRY VOL _____	WATER gal/sk _____	CEMENT LEFT in CASING _____
DISPLACEMENT _____	DISPLACEMENT PSI _____	MIX PSI _____	RATE _____

REMARKS: Safety meeting, rigged up on w4w #2, mixed cement
plugs & displaced down.

500 2350

80 @ 1230

40 @ 600

50 @ 360

20 @ 100

30PH 20MH

2015-2016

Thank You
Kelly & crew

[illegible]

Rayin 3737

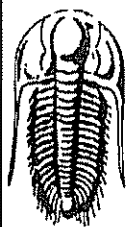
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AUTHORIZATION

TITLE

SALES TAX	358.59
ESTIMATED TOTAL	6900.44
DATE 4-23-13	

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.



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas Co.

301 S Market ST
Wichita KS 67202

ATTN: Wes Hanson

21-19S-35W-Wichita KS

W. Smith Farms #1-21

Job Ticket: 49125

DST#: 1

Test Start: 2013.04.18 @ 02:30:25

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:07:55

Time Test Ended: 10:02:10

Test Type: Conventional Bottom Hole (Initial)

Tester: Tate Lang

Unit No: 65

Interval: **4514.00 ft (KB) To 4537.00 ft (KB) (TVD)**

Total Depth: **4537.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: Good

Reference Elevations: **3172.00 ft (KB)**

3167.00 ft (CF)

KB to GR/CF: **5.00 ft**

Serial #: 8365

Outside

Press@RunDepth: **71.86 psig @ 4515.00 ft (KB)**

Start Date: **2013.04.18**

End Date:

2013.04.18

Capacity: **8000.00 psig**

Last Calib.: **2013.04.18**

Start Time: **01:46:40**

End Time:

09:18:10

Time On Blm: **2013.04.18 @ 04:23:40**

Time Off Blm: **2013.04.18 @ 07:25:10**

TEST COMMENT: Weak surface blow built to 3 in.

Dead no blow back

Weak surface blow

Dead no blow back

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2315.84	105.50	Initial Hydro-static
1	37.98	104.69	Open To Flow (1)
30	46.99	105.59	Shut-In(1)
75	71.80	106.61	End Shut-In(1)
76	51.29	106.62	Open To Flow (2)
120	71.86	107.76	Shut-In(2)
181	79.16	109.13	End Shut-In(2)
182	2248.15	109.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	5%O 95%M	0.32

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Co.

21-19S-35W-Wichita KS

301 S Market ST
Wichita KS 67202

W. Smith Farms #1-21

Job Ticket: 49125

DST#: 1

ATTN: Wes Hanson

Test Start: 2013.04.18 @ 02:30:25

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: 50.00 sec/qt

Cushion Volume:

bbf

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
65.00	5%O 95%M	0.320

Total Length: 65.00 ft

Total Volume: 0.320 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

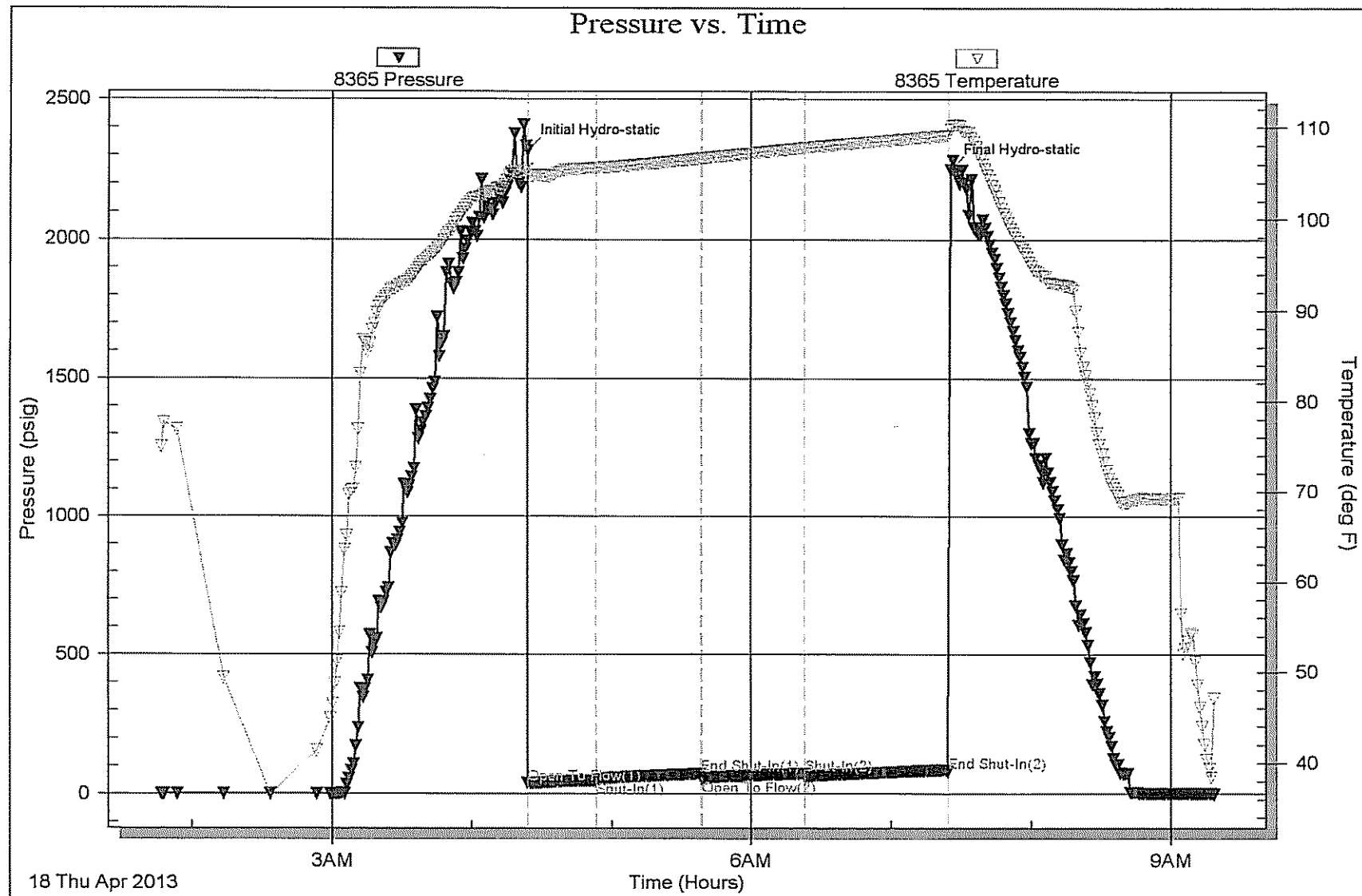
Recovery Comments:

Serial #: 8365

Outside Lario Oil & Gas Co.

W. Smith Farms #1-21

DST Test Number: 1





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Lario Oil & Gas Co.

301 S Market ST
Wichita KS 67202

ATTN: Wes Hanson

21-19S-35W-Wichita KS

W. Smith Farms #1-21

Job Ticket: 53201

DST#: 2

Test Start: 2013.04.18 @ 17:15:41

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:17:26

Time Test Ended: 00:34:26

Interval: **4534.00 ft (KB) To 4554.00 ft (KB) (TVD)**

Total Depth: 4554.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Reset)

Tester: Tale Lang

Unit No: 65

Reference Elevations: 3172.00 ft (KB)

3167.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8646

Inside

Press@RunDepth: 543.70 psig @ 4535.00 ft (KB)

Start Date: 2013.04.18

End Date:

2013.04.19

Start Time: 17:15:56

End Time:

00:34:26

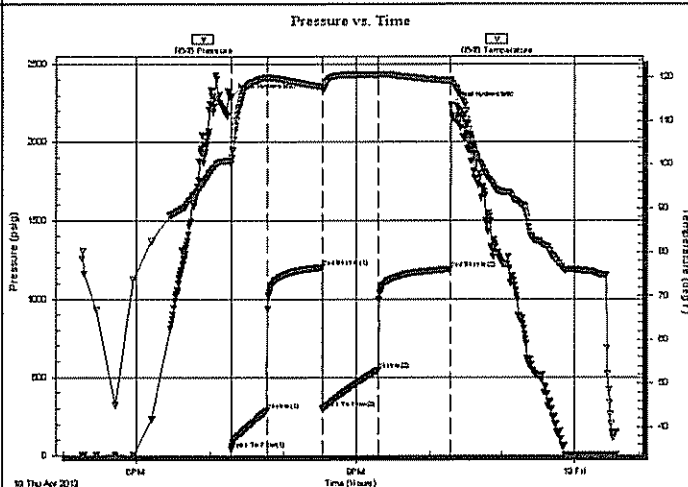
Capacity: 8000.00 psig

Last Calib.: 2013.04.19

Time On Btm: 2013.04.18 @ 19:17:11

Time Off Btm: 2013.04.18 @ 22:17:56

TEST COMMENT: B.O.B. in 6mins.
Weak surface blow back
B.O.B. in 9mins.
Dead no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2288.93	100.98	Initial Hydro-static
1	39.41	100.06	Open To Flow (1)
30	287.31	119.94	Shut-In(1)
75	1202.00	117.84	End Shut-In(1)
75	297.66	117.51	Open To Flow (2)
120	543.70	120.63	Shut-In(2)
180	1190.50	119.19	End Shut-In(2)
181	2236.45	119.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
620.00	2%M 98%W	7.57
372.00	10%M 90%W	5.22
124.00	60%M 40%W	1.74

* 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.

21-19S-35W-Wichita KS

301 S Market ST
Wichita KS 67202

W. Smith Farms #1-21

Job Ticket: 53201

DST#: 2

ATTN: Wes Hanson

Test Start: 2013.04.18 @ 17:15:41

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

44000 ppm

Viscosity: 62.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 9000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
620.00	2%M 98%W	7.567
372.00	10%M 90%W	5.218
124.00	60%M 40%W	1.739

Total Length: 1116.00 ft Total Volume: 14.524 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .301 @ 40F = 44000

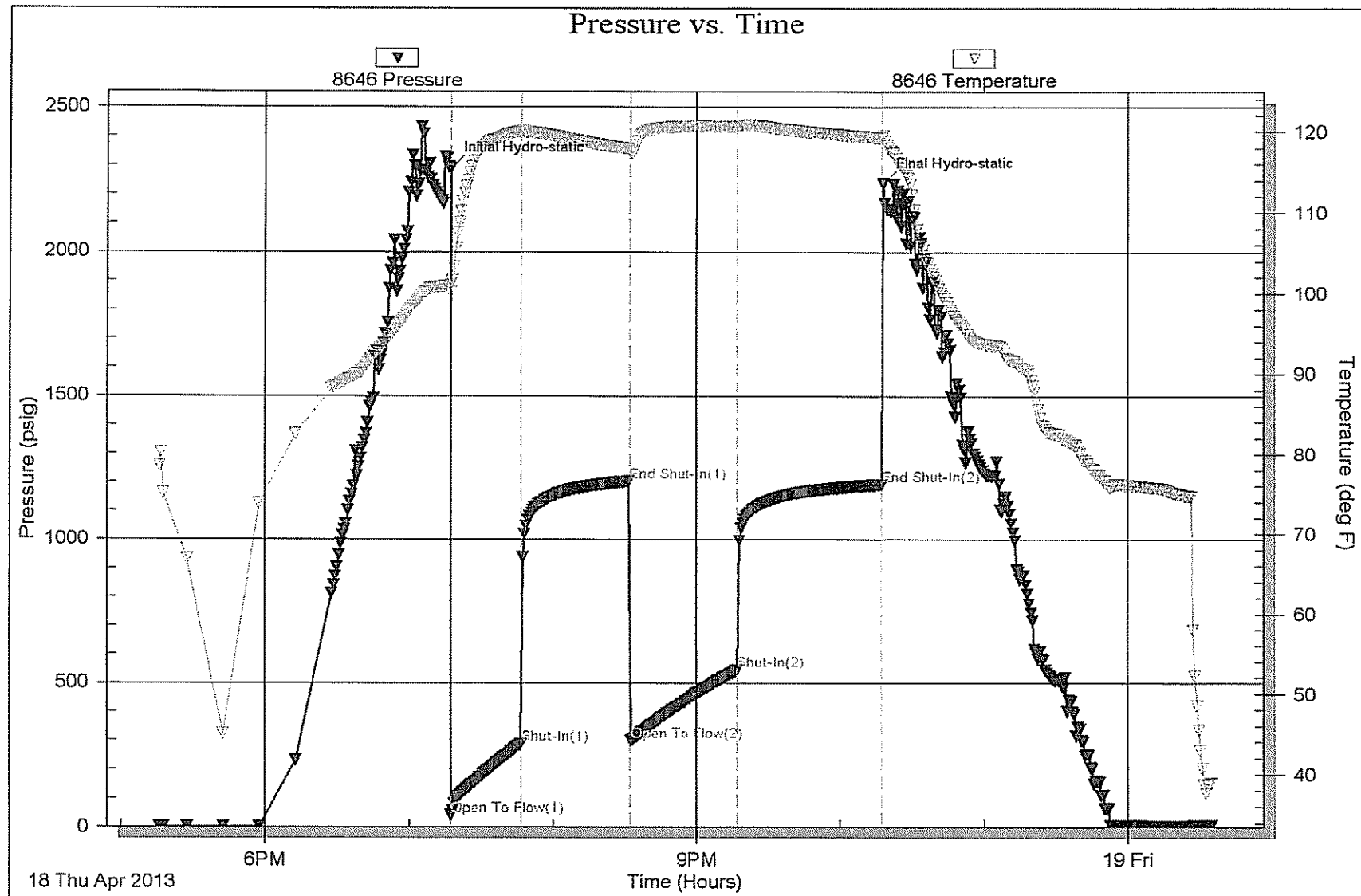
Serial #: 8646

Inside

Lario Oil & Gas Co.

W. Smith Farms #1-21

DST Test Number: 2





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas Co.

301 S Market ST
Wichita KS 67202

ATTN: Wes Hanson

21-19S-35W-Wichita KS

W. Smith Farms #1-21

Job Ticket: 53202

DST#: 3

Test Start: 2013.04.19 @ 11:37:00

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:43:15

Time Test Ended: 18:19:45

Interval: **4580.00 ft (KB) To 4620.00 ft (KB) (TVD)**

Total Depth: **4620.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: Good

Test Type: Conventional Bottom Hole (Reset)

Tester: Tate Lang

Unit No: 65

Reference Elevations: 3172.00 ft (KB)

3167.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8646

Inside

Press@RunDepth: 36.92 psig @ 4581.00 ft (KB)

Start Date: 2013.04.19

End Date:

2013.04.19

Start Time: 11:37:15

End Time:

18:19:45

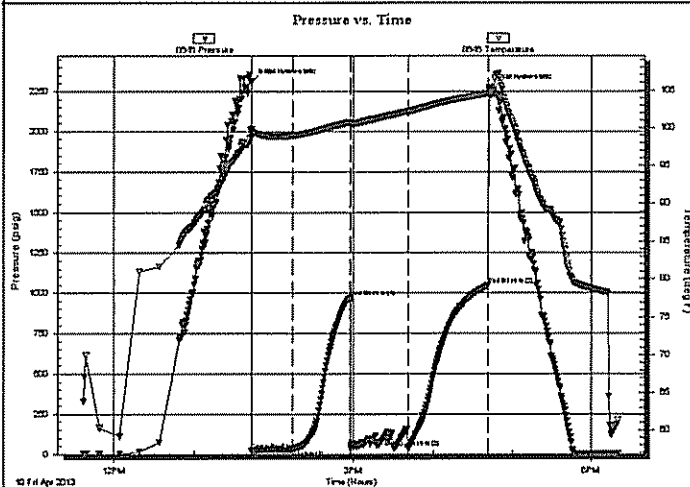
Capacity: 8000.00 psig

Last Calib.: 2013.04.19

Time On Blm: 2013.04.19 @ 13:43:00

Time Off Blm: 2013.04.19 @ 16:42:15

TEST COMMENT: Weak surface blow
Dead no blow back
Dead no blow
Dead no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2308.31	99.78	Initial Hydro-static
1	22.37	98.76	Open To Flow (1)
31	30.02	98.94	Shut-In(1)
74	974.48	100.71	End Shut-In(1)
75	40.51	100.27	Open To Flow (2)
118	36.92	102.13	Shut-In(2)
179	1048.60	104.57	End Shut-In(2)
180	2270.60	104.94	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	100% M with oil spots	0.05

* 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

FLUID SUMMARY

Lario Oil & Gas Co.

21-19S-35W-Wichita KS

301 S Market ST
Wichita KS 67202

W. Smith Farms #1-21

Job Ticket: 53202

DST#: 3

ATTN: Wes Hanson

Test Start: 2013.04.19 @ 11:37:00

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: 47.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 9000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	100% M with oil spots	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8646

Inside

Lario Oil & Gas Co.

W. Smith Farms #1-21

DST Test Number: 3

