



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1130966  
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: \_\_\_\_\_



1130966

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

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

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

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

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

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

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

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR: \_\_\_\_\_ Producing Method:  Flowing  Pumping  Gas Lift  Other *(Explain)* \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Berning 1-3
Doc ID	1130966

All Electric Logs Run

MAI/MFE
MPD/MDN
MML
MSS

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Berning 1-3
Doc ID	1130966

Tops

Name	Top	Datum
Heebner	3951	-770
Lansing	3999	-818
Stark Shale	4311	-1130
Hushpuckney	4365	-1184
Base KC	4457	-1276
Marmaton	4487	-1306
Pawnee	4589	-1408
Ft. Scott	4610	-1429
Johnson	4721	-1540
Morrow	4829	-1648
Basal Penn	4930	-1749
Mississippian	4955	-1774
St. Louis	4976	-179*5
Spergen	5183	-2002

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 20, 2013

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

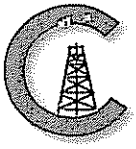
Re: ACO1  
API 15-203-20209-00-00  
Berning 1-3  
NW/4 Sec.03-18S-35W  
Wichita County, Kansas

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



**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 # 257768

=====  
Invoice Date: 03/31/2013 Terms: 10/10/30,n/30 Page 1  
=====

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

BERNING 1-3  
39420  
3-18-35  
03-29-2013  
KS

Drilling  
AFE-13-070  
CK 4/14/13

Part Number	Description	Qty	Unit Price	Total
1104S	CLASS "A" CEMENT (SALE)	225.00	17.6500	3971.25
1102	CALCIUM CHLORIDE (50#)	634.00	.8900	564.26
1118B	PREMIUM GEL / BENTONITE	423.00	.2500	105.75
4432	8 5/8" WOODEN PLUG	1.00	96.0000	96.00

Sublet Performed	Description	Total
9996-130	CEMENT MATERIAL DISCOUNT	-473.73
9995-130	CEMENT EQUIPMENT DISCOUNT	-210.47

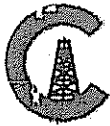
Description	Hours	Unit Price	Total
405 CEMENT PUMP (SURFACE) <i>2</i>	1.00	1085.00	1085.00
405 EQUIPMENT MILEAGE (ONE WAY)	45.00	5.00	225.00
460 TON MILEAGE DELIVERY	1.00	794.70	794.70

*Handwritten initials and a large scribble*

Amount Due 7235.15 if paid after 04/30/2013

Parts:	4737.26	Freight:	.00	Tax:	353.87	AR	6511.63
Labor:	.00	Misc:	.00	Total:	6511.63		
Sublt:	-684.20	Supplies:	.00	Change:	.00		

Signed \_\_\_\_\_ Date \_\_\_\_\_



**CONSOLIDATED**  
Oil Well Services, LLC

257768

TICKET NUMBER 39420  
LOCATION Oakley US  
FOREMAN Miles Shaw

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
3-29-12	4793	Berning #1-3	3	185	35W	Wichita
CUSTOMER			US			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY						
STATE						
ZIP CODE						

JOB TYPE Surface HOLE SIZE 12 1/4" HOLE DEPTH 350' CASING SIZE & WEIGHT 5 5/8" 23#  
 CASING DEPTH 349 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 14.8 SLURRY VOL 1.36 WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 20'  
 DISPLACEMENT 20 bbl/s DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting and rig up on Duke Drilling #4 Circulate casing mix 225 Sls common class A cement with 36 calcium 20 gel  
Shut down release plug displace 20 bbl/s water shut in Cement did  
circulate collar only

Thanks Miles & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401S	1	PUMP CHARGE	1085. <sup>00</sup>	1085. <sup>00</sup>
5406	4.5	MILEAGE	5. <sup>00</sup>	225. <sup>00</sup>
5407A	10.57 Tons	Ten Mileage delivery	1.67	794.70
1104S	225 Sls	Common class A Cement	17.65	3971.25
1102	634 #	Calcium Chloride	1.89	564.26
111PB	423 #	Bentonite gel	.25	105.75
4432	1	8 5/8" Wooden Plug	96. <sup>00</sup>	96. <sup>00</sup>
			Subtotal	6841.96
			less 10% discount	6841.20
			Subtotal	6157.76
			SALES TAX	353.87
			ESTIMATED TOTAL	6511.63

**Completed**

Ravin 3737

AUTHORIZATION Rock 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.



PO Box 93999  
Southlake, TX 76092

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

# INVOICE

Invoice Number: 135686

Invoice Date: Apr 12, 2013

Page: 1

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

Now Includes:



drilling AFE 13-070  
4-22-13 LK

Customer ID	Field Ticket #	Payment Terms	
Lario	60236	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Apr 12, 2013	5/12/13

Quantity	Item	Description	Unit Price	Amount
		<u>Berning #1-3</u>		
225.00	MAT	ASC	20.90	4,702.50
1,125.00	MAT	Gilsonite	0.98	1,102.50
63.00	MAT	FL-160	18.90	1,190.70
31.00	MAT	Powder Defoamer	9.80	303.80
12.00	MAT	Super Flush	58.70	704.40
290.57	SER	Cubic Feet	2.48	720.61
630.50	SER	Ton Mileage	2.60	1,639.30
1.00	SER	Production -- Bottom Stage	3,099.25	3,099.25
50.00	SER	Pump Truck Mileage	7.70	385.00
1.00	SER	Manifold Head Rental	275.00	275.00
50.00	SER	Light Vehicle Mileage	4.40	220.00
1.00	EQP	4.5 D V Tool	4,831.60	4,831.60
1.00	EQP	4.5 Packer Shoe	2,590.38	2,590.38
1.00	EQP	4.5 Latch Down Plug	272.61	272.61
16.00	EQP	4.5 Centralizer	56.16	898.56
1.00	EQP	4.5 Basket	315.90	315.90
1.00	CEMENTER	LaRene Wentz		
1.00	OPER ASSIST	Paul Beaver		
1.00	OPER ASSIST	Darrin Hoeb		
1.00	OPER ASSIST	David Scariano		

APR 24 2013

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

\$ 6,975.63

ONLY IF PAID ON OR BEFORE  
May 7, 2013

Subtotal	23,252.11
Sales Tax	1,403.77
Total Invoice Amount	24,655.88
Payment/Credit Applied	
<b>TOTAL</b>	<b>24,655.88</b>





# INVOICE

PO Box 93999  
Southlake, TX 76092

Invoice Number: 135688

Invoice Date: Apr 12, 2013

Page: 1

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

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

drilling AFE 13-070  
4-22-13 LK

Now Includes:



Customer ID	Field Ticket #	Payment Terms	
Lario	60237	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Apr 12, 2013	5/12/13

Quantity	Item	Description	Unit Price	Amount
		<u>Beming #1-3</u>		
375.00	MAT	AMD	25.90	9,712.50
94.00	MAT	Flo Seal	2.97	279.18
436.03	SER	Cubic Feet	2.48	1,081.40
971.50	SER	Ton Mileage	2.60	2,525.90
1.00	SER	Production -- Top Stage	2,406.25	2,406.25
50.00	SER	Pump Truck Mileage -- No Charge		
1.00	SER	Manifold Head Rental -- No Charge		
50.00	SER	Light Vehicle Mileage -- No Charge		
1.00	CEMENTER	LaRene Wentz		
1.00	OPER ASSIST	Paul Beaver		
1.00	OPER ASSIST	David Scariano		
1.00	OPER ASSIST	Darrin Hoeb		

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

\$ 4,801.56

ONLY IF PAID ON OR BEFORE  
May 7, 2013

Subtotal	16,005.23
Sales Tax	829.31
Total Invoice Amount	16,834.54
Payment/Credit Applied	
<b>TOTAL</b>	<b>16,834.54</b>

# ALLIED OIL & GAS SERVICES, LLC 060237

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999  
SOUTHLAKE, TEXAS 76092

SERVICE POINT:  
Duck Bay, KS  
4-13-13

DATE <u>4-12-13</u>	SEC. <u>3</u>	TWP. <u>18</u>	RANGE <u>35</u>	CALLED OUT	ON LOCATION <u>10:30 AM</u>	JOB START <u>2:30 PM</u>	JOB FINISH <u>8:30 PM</u>
LEASE <u>Berning</u>	WELL # <u>1-3</u>	LOCATION <u>Marienthal 2E, 2Y&amp;U</u>			COUNTY <u>Wichita</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)				<u>Emits</u>			

CONTRACTOR Duke H  
 TYPE OF JOB Production Top stage  
 HOLE SIZE 7 7/8 T.D. 5200'  
 CASING SIZE 4 1/2 DEPTH 5104  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DU DEPTH 2452'  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT  
 CEMENT LEFT IN CSG.  
 PERFS.  
 DISPLACEMENT 38.98 bbl

OWNER same  
 CEMENT AMOUNT ORDERED 375 sks AMD  
Ver # J2500  
 COMMON @  
 POZMIX @  
 GEL @  
 CHLORIDE @  
 ASC @  
AMD 375 sks @ 25.90 9712.50  
Flo-sol 94 # @ 2.97 278.18  
 HANDLING 736.03 sks @ 2.48 1837.40  
 MILEAGE 19.93 km X 50 X 2.60 2583.90  
 TOTAL 13598.98

EQUIPMENT  
 PUMP TRUCK CEMENTER LaRene & Wente  
#423/281 HELPER Paul Beaver  
 BULK TRUCK  
#376/306 DRIVER David Scario  
 BULK TRUCK  
#373/308 DRIVER Darrin Hoel

REMARKS:  
Plug R.H. 30 sks  
mix 385 sks cement down casing  
Displace with water  
Constant dial circulation

Thank you

CHARGE TO: Lario Oil & Gas Co  
 STREET PO Box 1093  
 CITY Garden City STATE KS ZIP 67846  
 AFE 13-070

To: Allied Oil & Gas Services, 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.

PRINTED NAME Larry Karlin  
 SIGNATURE Larry Karlin

SERVICE  
 DEPTH OF JOB 2452'  
 PUMP TRUCK CHARGE 2406.25  
 EXTRA FOOTAGE @  
 MILEAGE MDHU 50 @ 2.70 NC  
 MANIFOLD head @ 275.00 NC  
MILD 50 @ 4.40 NC  
 TOTAL 2406.25

PLUG & FLOAT EQUIPMENT  
 @  
 @  
 @  
 @  
 @  
 TOTAL \_\_\_\_\_

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES 16,005.23  
 DISCOUNT 4,801.56 IF PAID IN 30 DAYS  
Bid 11,203.66 Net

APR 24 2013  
 OK TO PAY

Date	7/27/13
Service Provider	Gilley
Manager	Terry Heinrich
Address	P.O. Box 27
Business Phone	281-672-3478
Business Phone	281-672-3452
Cellular	727-242-1821
Mobile	727-233-7171

BID SHEET

# CALLIED

OIL & GAS SERVICES, LLC

Company	Land Oil & Gas Company	Prepared For	Jay Swoboda	Well Data
Address	301 S. White	Title	Operator	Open Hole
Address	Richard Keith, 6702	Business Phone	318-765-5611	Depth
Well Name	613	Email	jay@swoboda.com	Job Expires
Tags	613	Mobile Phone		Depth
Field		Prepared By	Rich Ripon	OID
County	W/VA	Title	Sales & Field Operations Mgr	OID
State	West	Business Phone	318-765-3366	Casing Weight
Section	1	Email	jay@swoboda.com	Thread
Township	18S	Mobile Phone	318-350-0577	SIC
Ranges	18W	Dr. Contractor	Unknown	Grade
API Number		Dr. Name		
Proposable	Two-Stage Production	Dr. Phone		

Description	Unit	UOM	Cost per Unit	Total	Unit	
					Net	Net
CSO - Casing Pump Change (4001 to 5000)	1.00	(for 6 hours)	\$2,765.75	\$ 2,765.75	\$ 1,936.03	\$1,936.03
CSO - Casing Pump Change (5001 to 6000)	1.00	(for 6 hours)	\$2,406.25	\$ 2,406.25	\$ 1,684.38	\$1,684.38
CSO - Casing Pump Change (6001 to 7000)	1.00	(for 6 hours)	\$0.00	\$ -	\$ -	\$0.00
CSO - Casing Pump Change (7001 to 8000)	1.00	(for 6 hours)	\$0.00	\$ -	\$ -	\$0.00
Subtotal	3.00		\$5,172.00	\$ 5,172.00	\$ 3,620.40	\$3,620.40
Packet - 20' x 20' x 20'	1.00	Each	\$4,709.17	\$ 4,709.17	\$ 1,895.80	\$1,895.80
Packet - 20' x 20' x 20'	1.00	Each	\$3,760	\$ 3,760	\$ 2,109	\$2,109
Packet - 20' x 20' x 20'	1.00	Each	\$4,315.16	\$ 4,315.16	\$ 3,734.68	\$3,734.68
Centralizer - 20'	1.00	Each	\$38.29	\$ 38.29	\$ 276.00	\$276.00
Centralizer - 20'	1.00	Each	\$58.84	\$ 58.84	\$ 40.13	\$40.13
Subtotal	4.00		\$9,800.64	\$ 9,800.64	\$ 6,776.65	\$6,776.65
AGCA - ALL TO SPECIAL BLEND CMT - CLASS A	225.00	per sack	\$20.90	\$ 4,702.50	\$ 1.63	\$3,291.75
AGCA - ALL TO SPECIAL BLEND CMT - CLASS A	275.00	per sack	\$25.90	\$ 7,122.50	\$ 18.13	\$4,985.75
FLST - FLO Seal	65.00	per pound	\$2.97	\$ 201.93	\$ 2.08	\$143.45
GLS - Gelside	1125.00	per pound	\$0.98	\$ 1,102.50	\$ 0.89	\$771.75
FL - 160 - 1/2" x 10' Rod Loss Additive HITmp	69.00	per pound	\$18.90	\$ 1,303.70	\$ 12.23	\$833.49
POEF - PowerGel Dressing	31.00	per pound	\$9.80	\$ 303.80	\$ 6.86	\$212.66
SPH - SuperBlush	12.00	per lb	\$58.70	\$ 704.40	\$ 41.09	\$493.08
Subtotal	277.00		\$6,780	\$ 6,780	\$ -	\$0.00
Subtotal	6.00		\$15,311.33	\$ 15,311.33	\$ -	\$10,791.93
Subtotal	1.00	per 100 FT	\$2.48	\$ 2.48	\$ 1.74	\$1,050.96
Subtotal	1.00	per ton mile	\$2.60	\$ 2.60	\$ 1.82	\$2,447.90
Subtotal	1.00	per mile	\$4.40	\$ 4.40	\$ 3.08	\$154.00
Subtotal	1.00	per mile	\$7.70	\$ 7.70	\$ 5.39	\$269.50
Subtotal	1.00	per day	\$225.00	\$ 225.00	\$ 192.50	\$192.50
Subtotal	1.00	per day	\$0.00	\$ -	\$ -	\$0.00
Subtotal	1.00		\$ 275.00	\$ 275.00	\$ -	\$192.50
Totals:			\$ 36,076.82	\$ 36,076.82	\$ -	\$25,253.64
DISCOUNT - Operation			\$ 30.0%	\$ (1,551.60)		
DISCOUNT - Equipment Sale			\$ 30.0%	\$ (2,964.19)		
DISCOUNT - Products			\$ 30.0%	\$ (4,599.40)		
DISCOUNT - Transport			\$ 30.0%	\$ (1,685.30)		
DISCOUNT - OTHER			\$ 30.0%	\$ (82.50)		
Subtotal			\$ (10,872.99)	\$ (10,872.99)		

APR 24 2013

# ALLIED OIL & GAS SERVICES, LLC 060236

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999  
SOUTHLAKE, TEXAS 76092  
(4-13-13)

SERVICE POINT: Dakota, Ia  
4-13-13

DATE <u>4-12-13</u>	SEC. <u>3</u>	TWP. <u>18</u>	RANGE <u>35</u>	CALLED OUT	ON LOCATION <u>10:30 pm</u>	JOB START <u>6:30a</u>	JOB FINISH <u>11:30am</u>
LEASE <u>Berning</u>	WELL # <u>1-3</u>	LOCATION <u>Mariental 25, 24a</u>			COUNTY <u>Wichita</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)				<u>Emto</u>			

CONTRACTOR Duke 4  
TYPE OF JOB Production  
HOLE SIZE 7 7/8 T.D. 5200'  
CASING SIZE 4 1/2 DEPTH 5104'  
TUBING SIZE DEPTH  
DRILL PIPE DEPTH  
TOOL DU DEPTH 2452'  
PRES. MAX MINIMUM  
MEAS. LINE SHOE JOINT 1264'  
CEMENT LEFT IN CSG. 1264'  
PERFS.  
DISPLACEMENT 80.87 bbl  
EQUIPMENT

OWNER same  
CEMENT  
AMOUNT ORDERED 225 skt ASC 2299'  
1080 skt 5 # Gilsonite 320 # 1660  
14% Deframer  
COMMON @  
POZMIX @  
GEL @  
CHLORIDE @  
ASC 225 skt @ 4202.50  
Gilsonite 1125 # @ .28 1102.50  
FL160 63 # @ 1890 1170.27  
Powder Deframer 31 # @ 9.80 303.80  
Super Flush 12.661 @ 58.70 784.96  
HANDLING 290.57 Ft3 @ 2.48 720.61  
MILEAGE 12.61 hr X 50 @ 2.60 1632.80  
TOTAL 10364.28

PUMP TRUCK CEMENTER Larue B. Dente  
# 423/281 HELPER Paul Beaver  
BULK TRUCK  
# 323/308 DRIVER Darrin Hoeb  
BULK TRUCK  
# 376/306 DRIVER David Scariano

REMARKS:  
Pump ball through 1400ft. Circulate 1 hr.  
with Super Flush, mix 225 skt cement.  
Displace with water & mud.  
Land plug 200ft. Start well.  
Open DU Test 100 #! Circulate 3 hrs.  
Plug test, mix 31 skt Deframer  
with water & mud. Plug 200ft. Start well.  
Conduct cementation of 1100 ft.

SERVICE  
DEPTH OF JOB 5104'  
PUMP TRUCK CHARGE 3899.25  
EXTRA FOOTAGE @  
MILEAGE 50 @ 7.70 385.00  
MANIFOLD head @ 2750.00  
50 @ 4.40 220.00  
TOTAL 3979.25

CHARGE TO: Lario Oil & Gas Co  
STREET P O Box 1093  
CITY Garden City STATE KS ZIP 67846  
AFE 13-070

PLUG & FLOAT EQUIPMENT  
OUTOOL 4831.60  
Packer shoe @ 2570.38  
Latch down plug @ 272.61  
(6) Cement rods @ 56.16 336.96  
(1) Basket @ 315.90  
TOTAL 8982.05

To: Allied Oil & Gas Services, 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.

PRINTED NAME Larry Karlin  
SIGNATURE Larry Karlin

Bid  
SALES TAX (If Any) \_\_\_\_\_  
TOTAL CHARGES 23,252.38  
DISCOUNT 9,975.71 IF PAID IN 30 DAYS  
Bid 16,276.66 Net

APR 24 2013

BID SHEET



Date	2/27/13
Service Point	Oakley
Manager	Terry Heinrich
Address	P.O. Box 27
	Oakley, KS 67748
Business Phone	785-672-3452
E-mail	terry.heinrich@alliedoil.com
Mobile	785-672-3452

Company	Lario Oil & Gas Company	Prepared For:	Jay Schweikert	Well Data	
Address	301 S. Market	Title:	Oper's Engr	Open Hole	7778
Address	Wichita Kansas, 67202	Business Phone:	316-265-5611	Depth	5250
Well Name	60111	E-mail:	jay@lariooil.com	I.D.	7.075
Lease #	1-3	Mobile Phone:	316-265-5611	Job Excess	25
Field		Prepared By:	Neal Rupp	Casing Size	6 1/2
County	Wichita	Title:	Sales & Field Operations Manag	Depth	5100
State	Kansas	Business Phone:	316-260-3368	O.D.	5.012
Section	3	E-mail:	neal.rupp@lariooil.com	Casing Weight	34
Township	18S	Mobile Phone:	316-250-7057	Thread	STC
Range	35W	Rtg Contractor	Unknown	Grade	155
API Number		Rtg Name			
Proposal Title:	Two-Stage Production	Rtg Phone			

	Units	UOM	Cost per Unit		Unit Net	
			Total	Net	Total	Net
CJSO - Casing Pump Charge 4001' to 5000'	1.00	(for 6 hours)	\$2,765.75	\$ 2,765.75	\$ 1,936.03	\$1,936.03
	1.00	(for 6 hours)	\$2,406.25	\$ 2,406.25	\$ 1,684.38	\$1,684.38
	0.00		\$0.00	\$ -	\$ -	\$0.00
	0.00		\$0.00	\$ -	\$ -	\$0.00
Subtotal	0.00		\$0.00	\$ -	\$ -	\$0.00
Packer Shoe	2,570.38	Each	\$2,709.72	\$ 2,709.72	\$ 1,896.60	\$1,896.60
Latch Down Plug	2,274.67	Each	\$324.09	\$ 324.09	\$ 226.86	\$226.86
Stage Collar	433,376.00	Each	\$5,335.26	\$ 5,335.26	\$ 3,734.68	\$3,734.68
Cement Bucket	3,157.90	Each	\$394.29	\$ 394.29	\$ 276.00	\$276.00
Centralizer	56,716	Each	\$97.20	\$ 917.20	\$ 40.13	\$642.10
	0.00	Each	\$0.00	\$ -	\$ -	\$0.00
Subtotal			\$ 9,680.64	\$ -	\$ -	\$6,776.45
ASCA - ALLIED SPECIAL BLEND CMT-CLASS A	225.00	per sack	\$20.90	\$ 4,702.50	\$ 14.63	\$3,291.75
AMDA - ALLIED MULTI-DENS CMT-CLASS A	225.00	per sack	\$25.90	\$ 7,122.50	\$ 18.13	\$4,985.75
FLSL - Flo Seal	69.00	per pound	\$2.97	\$ 204.93	\$ 2.08	\$143.45
GILS - Gilsinite	1,125.00	per pound	\$0.98	\$ 1,102.50	\$ 0.69	\$771.75
FL-160 - FL-160 Hold Loss Additive Hi-Temp	63.00	per pound	\$18.90	\$ 1,190.70	\$ 13.23	\$833.49
PDEF - Powdered Defoamer	31.00	per pound	\$9.80	\$ 303.80	\$ 6.86	\$212.66
SPFL - Super Floth	12.00	per bbl	\$58.70	\$ 704.40	\$ 41.09	\$493.08
	0.00		\$0.00	\$ -	\$ -	\$0.00
Subtotal			\$ 15,331.33	\$ -	\$ -	\$10,731.93
HDLG - Products handling service charge	611.75	per cu. ft.	\$2.48	\$ 1,515.65	\$ 1.74	\$1,060.96
DRVG - Drayage for products	1,345.00	ton mile	\$2.60	\$ 3,497.00	\$ 1.82	\$2,447.90
MILV - Light Vehicle Mileage	50.00	per mile	\$4.40	\$ 220.00	\$ 3.08	\$154.00
MIRV - Heavy Vehicle Mileage	50.00	per mile	\$7.70	\$ 385.00	\$ 5.39	\$269.50
Subtotal			\$ 5,617.65	\$ -	\$ -	\$3,932.36
CMHD - Cementing Head Rental with Manifold	1.00	per day	\$275.00	\$ 275.00	\$ 192.50	\$192.50
	0.00		\$0.00	\$ -	\$ -	\$0.00
Subtotal			\$ 275.00	\$ -	\$ -	\$192.50
Totals:			\$ 36,076.62	\$ -	\$ -	\$25,253.64
DISCOUNT: Operations			30.0%	(1,551.60)		
DISCOUNT: Equipment Sales			30.0%	(2,904.19)		
DISCOUNT: Products			30.0%	(4,599.40)		
DISCOUNT: Transport			30.0%	(1,685.30)		
DISCOUNT: OTHER			30.0%	(87.50)		
			Total:	(10,827.99)		

APR 24 2013



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Lario Oil & Gas Company

3-18s-35w Wichita Ks

301 S. Market St.  
Wichita, Ks 67202

Berning 1-3

Job Ticket: 51350

DST#: 1

ATTN: Brad Rine

Test Start: 2013.04.05 @ 20:44:26

### GENERAL INFORMATION:

Formation: **Lansing D**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:43:56

Time Test Ended: 03:34:56

Test Type: Conventional Bottom Hole (Initial)

Tester: Brandon Turley

Unit No: 60

Interval: 4137.00 ft (KB) To 4165.00 ft (KB) (TVD)

Total Depth: 4165.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3201.00 ft (KB)

3191.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8373

Inside

Press@RunDepth: 48.75 psig @ 4138.00 ft (KB)

Start Date: 2013.04.05

End Date:

2013.04.06

Capacity: 8000.00 psig

Last Calib.: 2013.04.06

Start Time: 20:44:31

End Time:

03:34:56

Time On Btm: 2013.04.05 @ 22:41:56

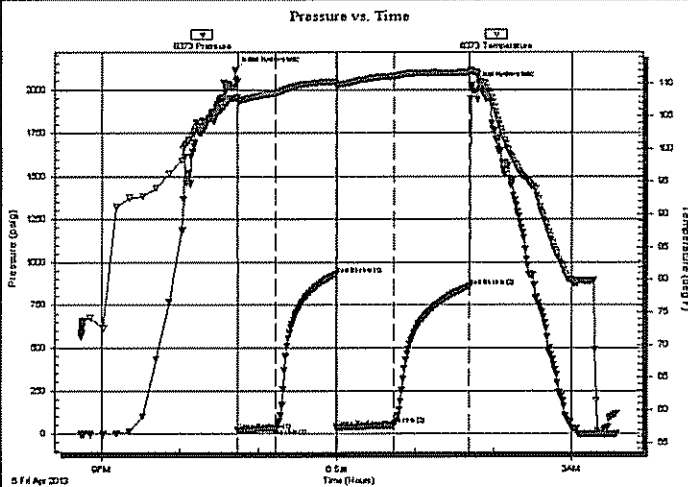
Time Off Btm: 2013.04.06 @ 01:42:56

TEST COMMENT: IF: 1/4 blow built to 4 in 30 min.

IS: No return.

FF: Surface blow built to 4 in 45 min.

FS: No return.



### PRESSURE SUMMARY

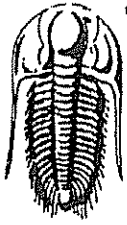
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2113.62	107.68	Initial Hydro-static
2	19.96	107.26	Open To Flow (1)
31	31.79	108.50	Shut-In(1)
77	929.90	110.19	End Shut-In(1)
78	35.53	109.68	Open To Flow (2)
122	48.75	111.02	Shut-In(2)
179	857.45	111.62	End Shut-In(2)
181	2022.74	111.80	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
62.00	ocm 60%o 40% m	0.87
31.00	oil 100%o	0.43

### Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

3-18s-35w Wichita Ks

301 S. Market St.  
Wichita, Ks 67202

Berning 1-3

Job Ticket: 51350

DST#: 1

ATTN: Brad Rine

Test Start: 2013.04.05 @ 20:44:26

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

28 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.20 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3700.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbf
62.00	ocm 60%o 40%m	0.870
31.00	oil 100%o	0.435

Total Length: 93.00 ft      Total Volume: 1.305 bbf

Num Fluid Samples: 0

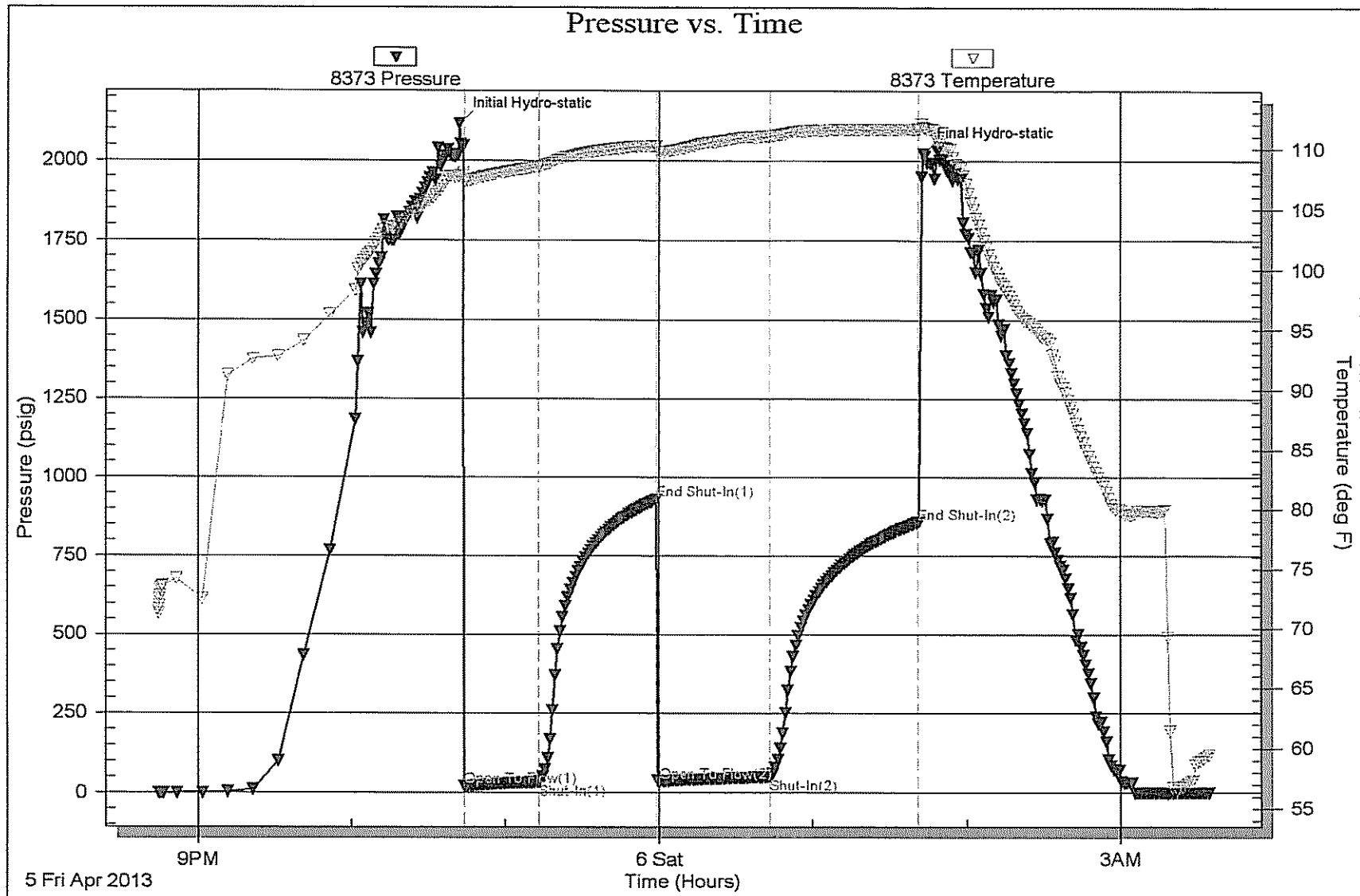
Num Gas Bombs: 0

Serial #:

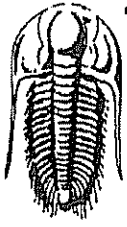
Laboratory Name:

Laboratory Location:

Recovery Comments: 28@60=28







**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

Lario Oil & Gas Company

301 S. Market St.  
Wichita, Ks 67202

ATTN: Brad Rine

**3-18s-35w Wichita Ks**

**Berning 1-3**

Job Ticket: 51351

DST#: 2

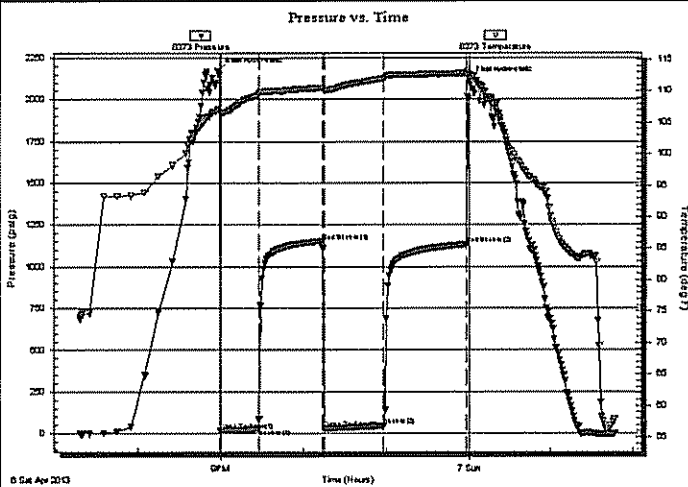
Test Start: 2013.04.06 @ 19:17:47

### GENERAL INFORMATION:

Formation: **Lansing I**  
 Deviated: **No Whipstock:** ft (KB)  
 Time Tool Opened: **20:59:17**  
 Time Test Ended: **01:46:47**  
 Interval: **4275.00 ft (KB) To 4300.00 ft (KB) (TVD)**  
 Total Depth: **4300.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**  
 Test Type: **Conventional Bottom Hole (Reset)**  
 Tester: **Brandon Turley**  
 Unit No: **60**  
 Reference Elevations: **3201.00 ft (KB)**  
**3191.00 ft (CF)**  
 KB to GR/CF: **10.00 ft**

**Serial #: 8373** Inside  
 Press@RunDepth: **45.83 psig @ 4276.00 ft (KB)** Capacity: **8000.00 psig**  
 Start Date: **2013.04.06** End Date: **2013.04.07** Last Calib.: **2013.04.07**  
 Start Time: **19:17:52** End Time: **01:46:47** Time On Btm: **2013.04.06 @ 20:57:47**  
 Time Off Btm: **2013.04.07 @ 00:00:17**

**TEST COMMENT:** IF: Surface blow built to 2 in 30 min.  
 IS: No return.  
 FF: Surface blow built to 1 in 45 min.  
 FS: No return.



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2172.05	107.02	Initial Hydro-static
2	16.36	106.38	Open To Flow (1)
30	28.11	109.44	Shut-In(1)
76	1153.03	110.53	End Shut-In(1)
77	29.60	110.08	Open To Flow (2)
120	45.83	112.02	Shut-In(2)
181	1133.03	112.82	End Shut-In(2)
183	2112.50	112.58	Final Hydro-static

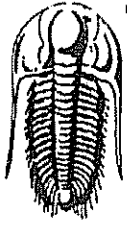
### Recovery

Length (ft)	Description	Volume (bbl)
67.00	wcm 40%w 60% m	0.94

\* 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

**3-18s-35w Wichita Ks**

301 S. Market St.  
Wichita, Ks 67202

**Berning 1-3**

Job Ticket: 51351

DST#: 2

ATTN: Brad Rine

Test Start: 2013.04.06 @ 19:17:47

**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:

28000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.99 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6100.00 ppm

Filter Cake: 1.00 inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbf
67.00	w cm 40%w 60%m	0.940

Total Length: 67.00 ft Total Volume: 0.940 bbf

Num Fluid Samples: 0

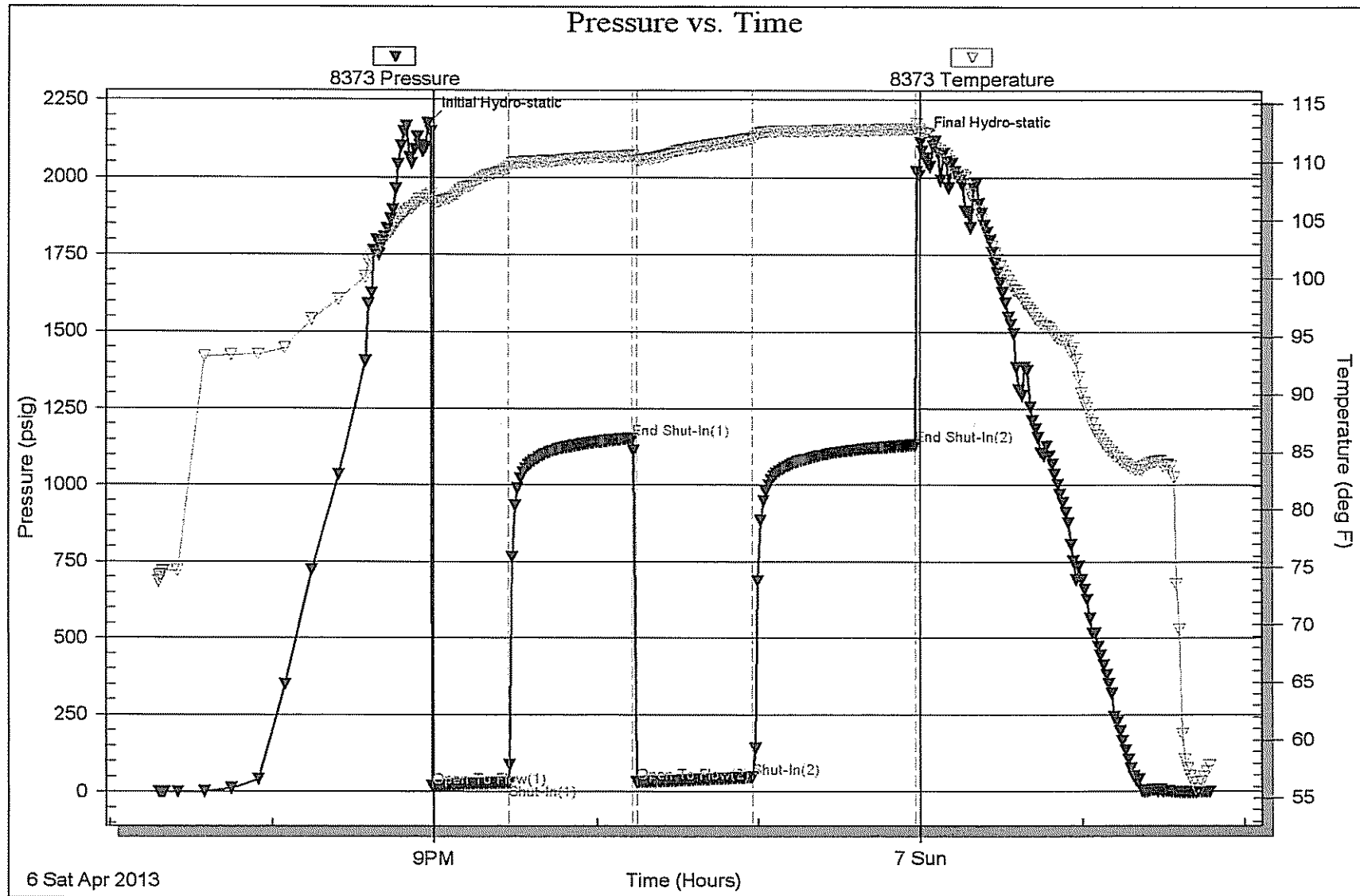
Num Gas Bombs: 0

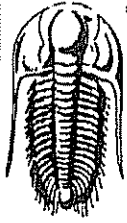
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .31@55=28000





**TRILOBITE TESTING, INC**

## DRILL STEM TEST REPORT

Lario Oil & Gas Company  
 301 S. Market St.  
 Wichita, Ks 67202  
 ATTN: Brad Rine

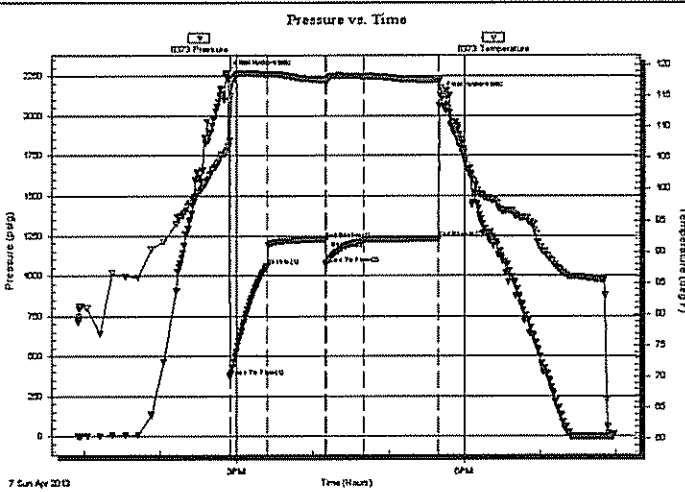
**3-18s-35w Wichita Ks**  
**Berning 1-3**  
 Job Ticket: 51352      DST#: 3  
 Test Start: 2013.04.07 @ 12:55:43

### GENERAL INFORMATION:

Formation: LKC K  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 14:54:43  
 Time Test Ended: 19:57:43  
 Interval: 4343.00 ft (KB) To 4365.00 ft (KB) (TVD)  
 Total Depth: 4365.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Brandon Turley  
 Unit No: 60  
 Reference Elevations: 3201.00 ft (KB)  
 3191.00 ft (CF)  
 KB to GR/CF: 10.00 ft

**Serial #: 8373**      Inside  
 Press@RunDepth: 1218.16 psig @ 4344.00 ft (KB)  
 Start Date: 2013.04.07      End Date: 2013.04.07  
 Start Time: 12:55:48      End Time: 19:57:42  
 Capacity: 8000.00 psig  
 Last Calib.: 2013.04.07  
 Time On Btm: 2013.04.07 @ 14:52:13  
 Time Off Btm: 2013.04.07 @ 17:40:43

**TEST COMMENT:** IF: BOB in 30 sec.  
 IS: No return.  
 FF: BOB in 3 min.  
 FS: No return.



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2270.05	105.98	Initial Hydro-static
3	375.37	107.78	Open To Flow (1)
32	1061.21	118.38	Shut-In(1)
78	1228.03	117.42	End Shut-In(1)
78	1073.27	117.28	Open To Flow (2)
108	1218.16	118.12	Shut-In(2)
167	1231.15	117.42	End Shut-In(2)
169	2125.88	116.22	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
1984.00	water 100%w	27.83
372.00	mcw 90%w 10%m	5.22
310.00	wcm 40%w 60%m	4.35

\* Recovery from multiple tests

### Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Lario Oil & Gas Company

**3-18s-35w Wichita Ks**

301 S. Market St.  
Wichita, Ks 67202

**Berning 1-3**

Job Ticket: 51352

DST#: 3

ATTN: Brad Rine

Test Start: 2013.04.07 @ 12:55:43

### 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:

36000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in<sup>2</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1984.00	water 100%w	27.830
372.00	mcw 90%w 10%m	5.218
310.00	w cm 40%w 60%m	4.348

Total Length: 2666.00 ft      Total Volume: 37.396 bbl

Num Fluid Samples: 0

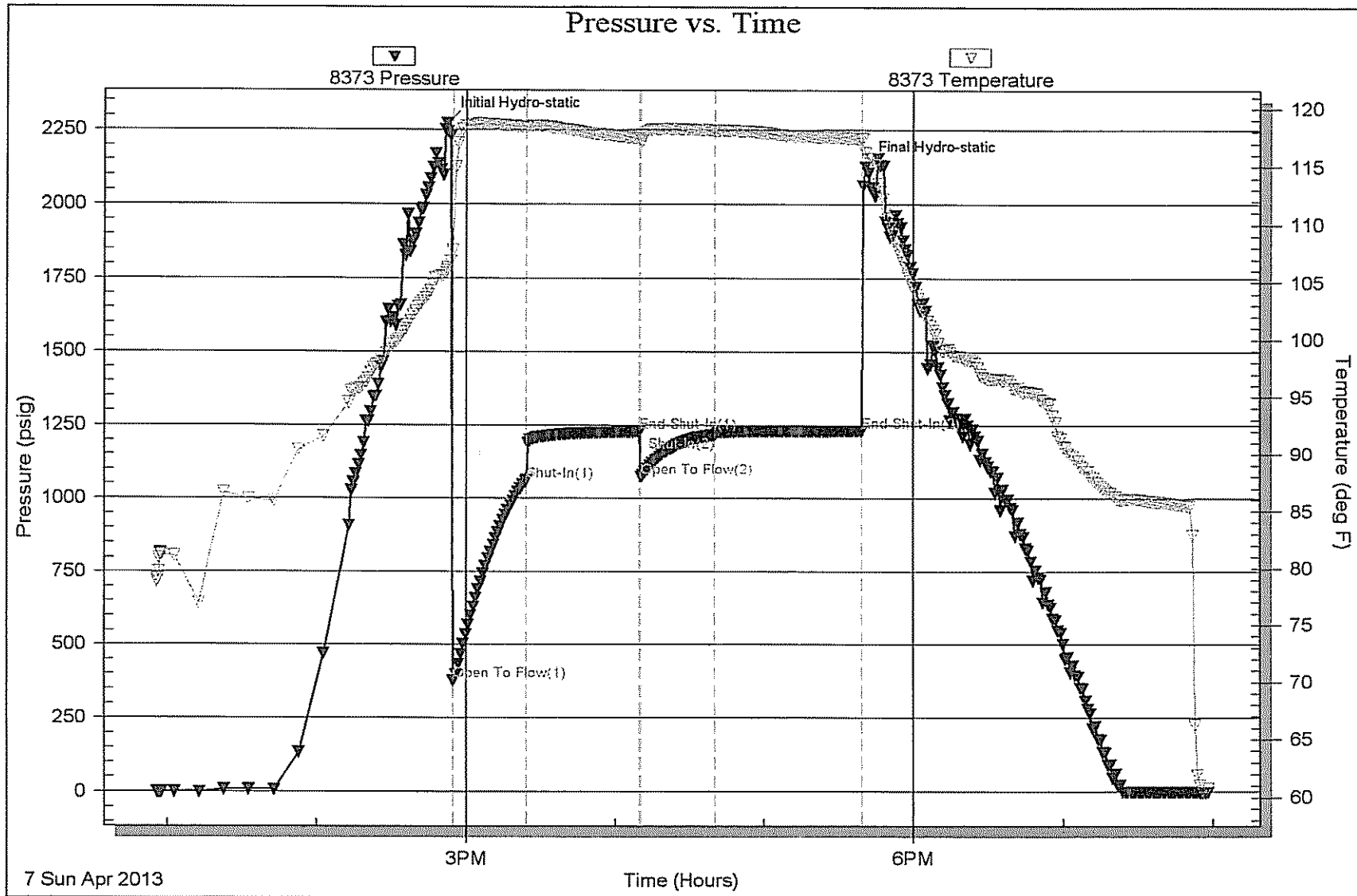
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .17@82=36000





**TRILOBITE TESTING, INC.**

### DRILL STEM TEST REPORT

Lario Oil & Gas Company

301 S. Market St.  
Wichita, Ks 67202

ATTN: Brad Rine

3-18s-35w Wichita Ks

Berning 1-3

Job Ticket: 51353

DST#: 4

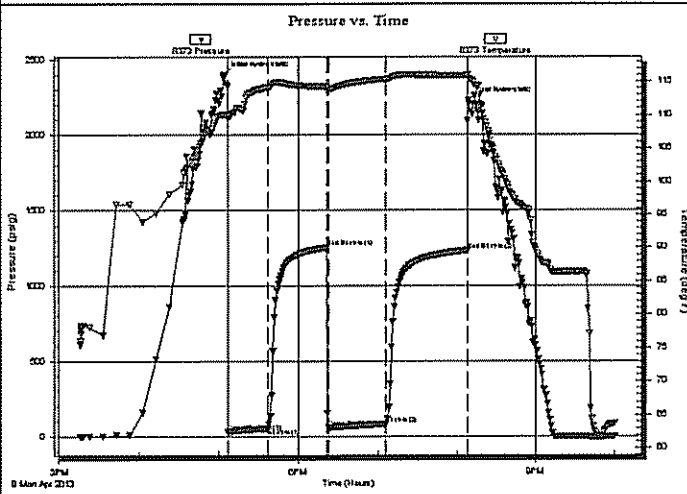
Test Start: 2013.04.08 @ 15:16:02

#### GENERAL INFORMATION:

Formation: **Marmaton A-B**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 17:07:32  
 Time Test Ended: 22:00:32  
 Interval: **4497.00 ft (KB) To 4549.00 ft (KB) (TVD)**  
 Total Depth: **4549.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: Fair  
 Test Type: **Conventional Bottom Hole (Reset)**  
 Tester: **Brandon Turley**  
 Unit No: **60**  
 Reference Elevations: **3201.00 ft (KB)**  
**3191.00 ft (CF)**  
 KB to GR/CF: **10.00 ft**

**Serial #: 8373** Inside  
 Press@RunDepth: **84.48 psig @ 4498.00 ft (KB)** Capacity: **8000.00 psig**  
 Start Date: **2013.04.08** End Date: **2013.04.08** Last Calib.: **2013.04.08**  
 Start Time: **15:16:07** End Time: **22:00:31** Time On Btm: **2013.04.08 @ 17:04:32**  
 Time Off Btm: **2013.04.08 @ 20:08:32**

**TEST COMMENT:** IF: 1/4 blow built to 5 in 30 min.  
 IS: No return.  
 FF: 1/4 blow BOB in 38 min.  
 FS: No return.



#### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2401.42	109.99	Initial Hydro-static
3	31.03	109.50	Open To Flow (1)
33	54.47	114.09	Shut-In(1)
77	1251.05	114.20	End Shut-In(1)
79	59.51	113.47	Open To Flow (2)
122	84.48	115.34	Shut-In(2)
183	1231.46	115.87	End Shut-In(2)
184	2228.08	115.40	Final Hydro-static

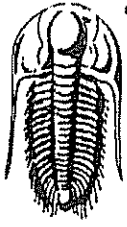
#### Recovery

Length (ft)	Description	Volume (bbl)
62.00	ogcw m 10%g 25%o 5%w 60%m	0.87
62.00	gocm 5%g 45%o 50%m	0.87
40.00	oil 100%o	0.56
0.00	155 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 Company

**3-18s-35w Wichita Ks**

301 S. Market St.  
Wichita, Ks 67202

**Berning 1-3**

Job Ticket: 51353

DST#: 4

ATTN: Brad Rine

Test Start: 2013.04.08 @ 15:16:02

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

29 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.59 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8200.00 ppm

Filler Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	ogcw m 10%g 25%o 5%w 60%m	0.870
62.00	gocm 5%g 45%o 50%m	0.870
40.00	oil 100%o	0.561
0.00	155 GIP	0.000

Total Length: 164.00 ft      Total Volume: 2.301 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

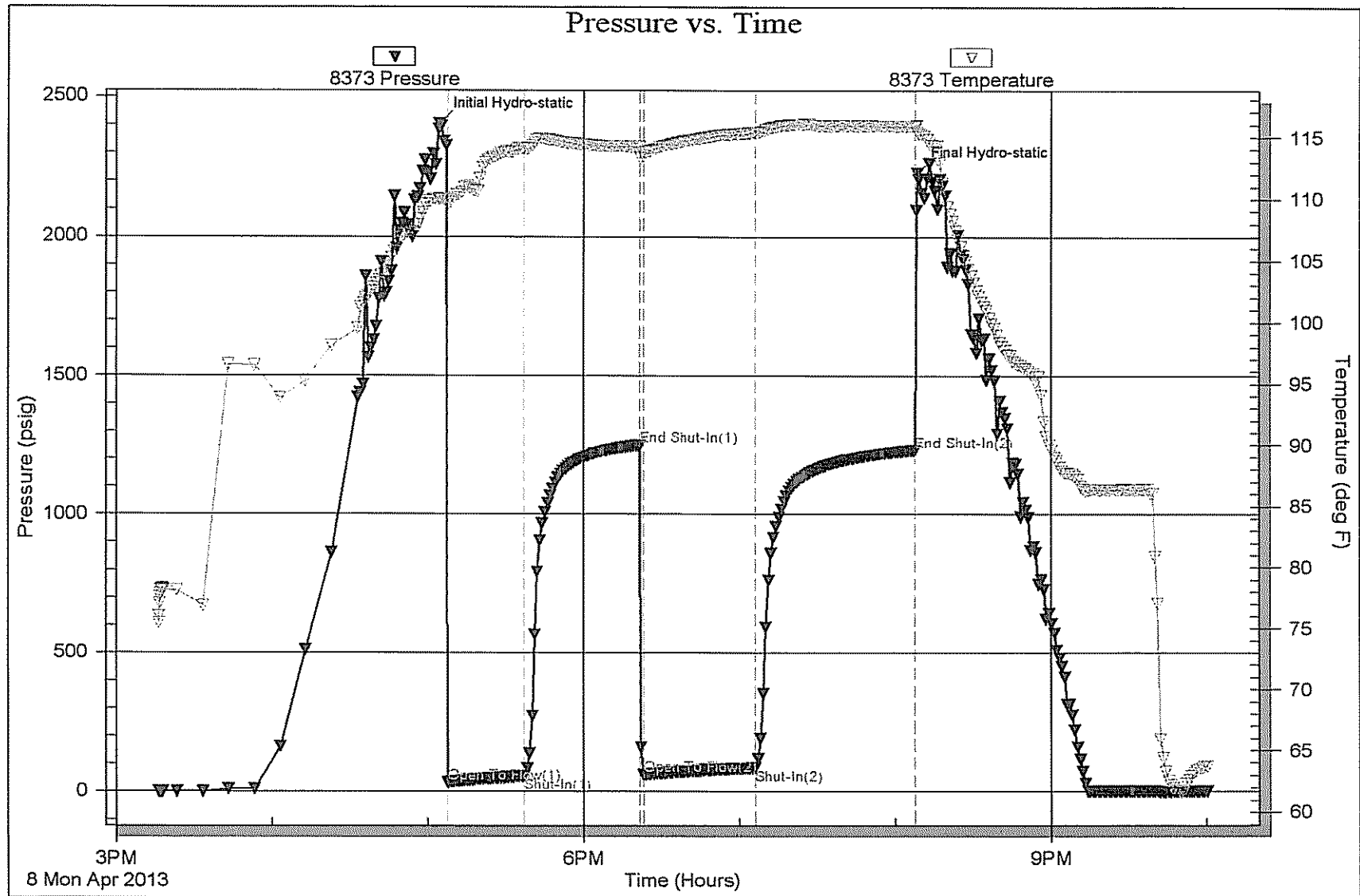
Serial #:

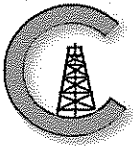
Laboratory Name:

Laboratory Location:

Recovery Comments: 29@60=29







**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 # 258704

Invoice Date: 05/13/2013 Terms: 10/10/30,n/30

Page 1

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

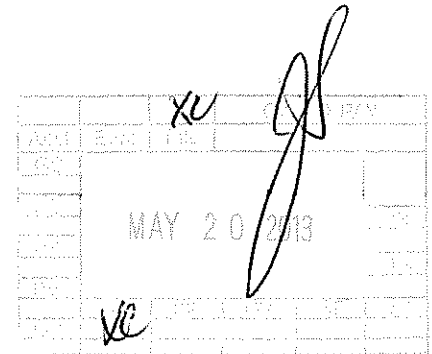
**BERNING 1-3**  
39932  
3-18-35  
05-09-2013  
KS

Squeeze Job  
completion  
AFE-13-070  
CK 5/13/13

Part Number	Description	Qty	Unit Price	Total
1104S	CLASS "A" CEMENT (SALE)	140.00	18.5500	2597.00
2101A	20-40 BROWN SAND	80.00	.2700	21.60

Sublet Performed	Description	Total
9996-130	CEMENT MATERIAL DISCOUNT	-261.86
9995-130	CEMENT EQUIPMENT DISCOUNT	-282.50

Description	Hours	Unit Price	Total
463 SQUEEZE PUMP (KICK OFF PLUG PUMP)	1.00	1785.00	1785.00
463 EQUIPMENT MILEAGE (ONE WAY)	50.00	5.25	262.50
693 TON MILEAGE DELIVERY	1.00	577.50	577.50
693 SQUEEZE MANIFOLD	1.00	200.00	200.00



Amount Due 5659.15 if paid after 06/12/2013

Parts:	2618.60	Freight:	.00	Tax:	193.82	AR	5093.06
Labor:	.00	Misc:	.00	Total:	5093.06		
Sublt:	-544.36	Supplies:	.00	Change:	.00		

Signed \_\_\_\_\_ Date \_\_\_\_\_



**CONSOLIDATED**  
Oil Well Services, LLC

258704

TICKET NUMBER 39932  
LOCATION Oakley KS  
FOREMAN Milos Shaw  
Fuzz

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
5-9-13	4793	Beering 1-3	3	18S	35W	Wichita
CUSTOMER Hario Oil & Gas			mameb 212w E-W			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY			463	Jerry Y		
STATE			693	Mike P		
ZIP CODE				Shaw W		

JOB TYPE Squeeze HOLE SIZE \_\_\_\_\_ HOLE DEPTH \_\_\_\_\_ CASING SIZE & WEIGHT 4 1/2  
CASING DEPTH \_\_\_\_\_ DRILL PIPE \_\_\_\_\_ TUBING 2 3/8 OTHER \_\_\_\_\_  
SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
DISPLACEMENT 15.1-3.8 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting on Plains workover spot 1st sand @ 4169' 1st  
fall 45 min. Press B-side to 1000\* hold, valve to 500\* and shut in  
Taking rate 3 1/2 BBL @ 50\*. Pump 5 BBL fresh water mix 140SKS Class A  
cement. Wash pump and lines. Displace 16 1/4 BBL to 2000\* stage for 1hr  
25 min. Reverse to clean with 30 BBL water

Thanks milos & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401B	1	PUMP CHARGE	1785 <sup>00</sup>	1785 <sup>00</sup>
5406	50 miles	MILEAGE	5 <sup>25</sup>	262 <sup>50</sup>
5407	6.6 ton	Tow mileage delivery	12 <sup>5</sup>	577 <sup>50</sup>
11045	140SKS	Class 'A' cement	18 <sup>55</sup>	2597 <sup>00</sup>
2101A	80#	Sand	2 <sup>70</sup>	216 <sup>00</sup>
5613	1	Squeeze manifold	200 <sup>00</sup>	200 <sup>00</sup>
		subtotal		5443 <sup>00</sup>
		less 1090		544 <sup>36</sup>
		subtotal		4899 <sup>24</sup>
		SALES TAX		193.82
		ESTIMATED TOTAL		5093.06

completed

Ravin 3737

AUTHORIZATION Jason Mayas TITLE \_\_\_\_\_ DATE 5/9/13

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.