



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1074270
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: _____

1074270

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
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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> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Ottley A 3-4
Doc ID	1074270

All Electric Logs Run

CDL/CNL/PE
MEL
SONIC
DIL

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Ottley A 3-4
Doc ID	1074270

Tops

Name	Top	Datum
Heebner	3940	-1006
Lansing	3984	-1050
Stark Sh	4215	-1281
Hushpuckney	4248	-1314
Base KC	4284	-1350
Marmaton	4342	-1408
Pawnee	4414	-1480
Ft. Scott	4440	-1506
Johnson	4539	-1605
Morrow	4559	-1625
Mississippian	4586	-1652
Spergen	4667	-1733
Arbuckle	5005	-2071

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

March 29, 2012

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

Re: ACO1
API 15-063-21965-00-00
Ottley A 3-4
NE/4 Sec.04-13S-31W
Gove 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



INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 130208
Invoice Date: Feb 15, 2012
Page: 1

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


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

Federal Tax I.D.#: 20-8651475

*Drilling AFE 12.008
2-27-2012 LK*

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Lario	Ottley A#3-4	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Feb 15, 2012	3/16/12

Quantity	Item	Description	Unit Price	Amount
150.00	MAT	Class A Common	16.25	2,437.50
3.00	MAT	Gel	21.25	63.75
5.00	MAT	Chloride	58.20	291.00
158.00	SER	Handling	2.25	355.50
10.00	SER	Mileage	17.38	173.80
1.00	SER	Surface	1,125.00	1,125.00
10.00	SER	Heavy Vehicle Mileage	7.00	70.00
1.00	SER	Manifold Head Rental	200.00	200.00
10.00	SER	Light Vehicle Mileage	4.00	40.00
1.00	CEMENTER	Andrew Forslund		
1.00	EQUIP OPER	Jerry Yates		
1.00	OPER ASSIST	Billy Turner		

LC

 MAR 1 2012
LC

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

\$ **948.15**

ONLY IF PAID ON OR BEFORE
Mar 11, 2012

Subtotal	4,756.55
Sales Tax	224.78
Total Invoice Amount	4,981.33
Payment/Credit Applied	
TOTAL	4,981.33

ALLIED CEMENTING CO., LLC. 035233

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Oakley

DATE	SEC	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
2-15-12	4	13	31			10:30AM	11:00AM
LEASE <u>Oakley A</u>	WELL# <u>3-4</u>	LOCATION <u>Oakley 11s 4 1/2 E</u>		COUNTY <u>GOVE</u>	STATE <u>KS</u>		
OLD OR <u>NEW</u> (Circle one)		<u>5 into</u>					

CONTRACTOR Pickrell 10 OWNER same

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 260'
CEMENT AMOUNT ORDERED 150 sks com

CASING SIZE 8 5/8 DEPTH 260'
3%cc 2%gel

TUBING SIZE DEPTH
DRILL PIPE DEPTH

TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'
PERFS.
DISPLACEMENT 15.60 BBL

EQUIPMENT
PUMP TRUCK CEMENTER Andrew
423-281 HELPER Terry
BULK TRUCK
404 DRIVER Billy
BULK TRUCK
DRIVER

COMMON	150 SKS	@ 16.25	2437.50
POZMIX		@	
GEL	3 SKS	@ 21.25	63.75
CHLORIDE	5 SKS	@ 58.20	291.00
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	158 SKS	@ 2.25	355.50
MILEAGE	116 sk/mile		231.80
TOTAL			3371.55

REMARKS:

SERVICE

Cement in cellar
thank you

DEPTH OF JOB	260'		
PUMP TRUCK CHARGE			1125.00
EXTRA FOOTAGE		@	
MILEAGE	10 miles	@ 2.00	20.00
MANIFOLD	head	@	200.00
Light vehicle		@ 4.00	40.00
		@	
TOTAL			1435.00

CHARGE TO: Larid oil + gas
STREET _____
CITY _____ STATE _____ ZIP _____

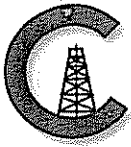
PLUG & FLOAT EQUIPMENT

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.

PRINTED NAME MIKE REYN
SIGNATURE Mike Reyn

SALES TAX (If Any) _____
TOTAL CHARGES _____
DISCOUNT _____ IF PAID IN 30 DAYS.

Bid



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 # 248127

Invoice Date: 02/29/2012 Terms: 10/10/30,n/30

Page 1

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

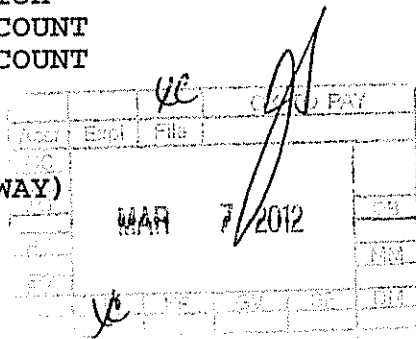
OTTLEY A 3-4
33864
4-13S-31W
2-29-2012
KS

Drilling
AFE-12-008
CK 3/5/12

Part Number	Description	Qty	Unit Price	Total
1126	OIL WELL CEMENT	175.00	22.5500	3946.25
1131	60/40 POZ MIX	575.00	15.1000	8682.50
1118B	PREMIUM GEL / BENTONITE	3956.00	.2500	989.00
1107	FLO-SEAL (25#)	144.00	2.8200	406.08
1110A	KOL SEAL (50# BAG)	875.00	.5600	490.00
4253	TYPE A PACKER SHOE61/2X6	1.00	1760.0000	1760.00
4454	5 1/2" LATCH DOWN PLUG	1.00	567.0000	567.00
4131	CENTRALIZER 7"	12.00	58.0000	696.00
4104	CEMENT BASKET 5 1/2"	1.00	276.0000	276.00
1144G	MUD FLUSH (SALE)	500.00	1.0000	500.00
4277	DV TOOL SIZE 5 1/2" (STA	1.00	4700.0000	4700.00

Sublet Performed	Description	Total
9999-130	CASH DISCOUNT	-2301.28
9999-130	CASH DISCOUNT	-363.45

Description	Hours	Unit Price	Total
399 SINGLE PUMP	1.00	3020.00	3020.00
466 EQUIPMENT MILEAGE (ONE WAY)	10.00	5.00	50.00
466 TON MILEAGE DELIVERY	338.00	1.67	564.46



Amount Due 28499.82 if paid after 03/30/2012

Parts:	23012.83	Freight:	.00	Tax:	1667.28	AR	25649.84
Labor:	.00	Misc:	.00	Total:	25649.84		
Sublt:	-2664.73	Supplies:	.00	Change:	.00		

Signed _____ Date _____



CONSOLIDATED
Oil Well Services, LLC

ENTERED
REF # 10-008

TICKET NUMBER 33864
LOCATION Oakley
FOREMAN Kelly Gabel
Walt Dinkel

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
2-29-12	4793	Oakley A 3-4	4	13 ^S	31 ^W	Goode
CUSTOMER			Oakley			
MAILING ADDRESS			715			
CITY			SE			
STATE			Sinto			
ZIP CODE						
TRUCK #	DRIVER	TRUCK #	DRIVER			
399	Damon M					
466	Cody R					
566	Joey					

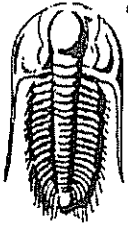
JOB TYPE 2-Stage HOLE SIZE 7 1/4 HOLE DEPTH 5078 CASING SIZE & WEIGHT 5 1/2 12#
 CASING DEPTH 5038' DRILL PIPE _____ TUBING _____ OTHER SHOEST 44'
 SLURRY WEIGHT 13[#] - 12[#] SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 44'
 DISPLACEMENT 12 3/4 - 50 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting, Rigged up on pickercell drilling, made up to circulate for 1 hr, Pumped 5 bbl water, 500 gal mud flush, 5 bbl water, mixed, 175 SKS OWC 5# per sk Kol-seal, displaced with 61 bbl water 60 bbl mud, 200# lift plug landed @ 1500', dropped DV Bomb, opened tool & circulated 3 hrs. Put 305Ks in RH mix 545 SKS 60/40 Poz 89 gal 1/4# Fib-seal, released plug, displaced with 59 1/2 bbl water, 200# lift plug landed @ 1500# released pressure, float held, washed out pumps & lines, Rigged down. Basket on #60 DV Tool on top of #61 APPROX 2 bbl top of cement & disc cementizers on #1, 4, 7, 10, 13, 16, 19, 22, 25, 28, 59, 62
Thank You
Walt, Kelly & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54101C	1	PUMP CHARGE	3020 ⁰⁰	3020 ⁰⁰
54106	10	MILEAGE	5 ⁰⁰	50 ⁰⁰
1126	175 SKS	OWC	22 ⁵⁵	3946 ²⁵
1131	575	60/40 POZ	15 ¹⁰	8682 ⁵⁰
1115B	3956 #	Bentonite	.25	989 ⁰⁰
1107	1414 #	Fib-seal	2 ⁸²	4060 ⁸
1110A	875 #	Kol-seal	.56	490 ⁰⁰
54107A	33.8	Ton Mileage	15 ⁷	564 ⁴⁶
41253	1	5 1/2 Packer shoe	1760 ⁰⁰	1760 ⁰⁰
4454	1	5 1/2 Latch down ASSY (W)	567 ⁰⁰	567 ⁰⁰
41130	12	5 1/2 Centtelizer	58 ⁰⁰	696 ⁰⁰
41104	1	5 1/2 basket	276 ⁰⁰	276 ⁰⁰
11440	500 gal	Mud flush	1 ⁰⁰	500 ⁰⁰
41277	1	DV Tool (W)	41700 ⁰⁰	41700 ⁰⁰
AS Per bid				26,164 ²⁹
				26,447 ²³
				23,982 ⁵⁶
248127			SALES TAX	1667 ²³
			ESTIMATED TOTAL	25,649 ⁸⁴

8:30 PM
 AUTHORIZATION [Signature] TITLE _____ DATE 2-29-12

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 Company
301 S Market St. Wichita Ks. 67202 3805

ATTN: Wes Hansen

4/13/31
Ottley #3-4
Job Ticket: 41241 DST#: 1
Test Start: 2012.02.20 @ 13:45:00

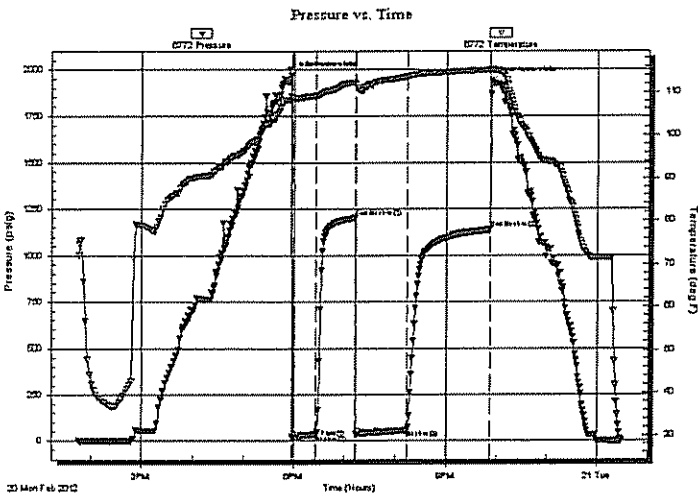
GENERAL INFORMATION:

Formation: **Lansing C, D.**
Deviated: **No Whipstock** ft (KB)
Time Tool Opened: 17:57:30
Time Test Ended: 00:29:30
Interval: **4040.00 ft (KB) To 4080.00 ft (KB) (TVD)**
Total Depth: **4080.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Fair**
Test Type: **Conventional Bottom Hole (Initial)**
Tester: **Harley Davidson**
Unit No: **58**
Reference Elevations: **2934.00 ft (KB)**
2928.00 ft (CF)
KB to GR/CF: **6.00 ft**

Serial #: 6772

Press@RunDepth: **56.46 psig @** ft (KB) Capacity: **8000.00 psig**
Start Date: **2012.02.20** End Date: **2012.02.21** Last Calib.: **2012.02.21**
Start Time: **13:45:05** End Time: **00:29:30** Time On Btm: **2012.02.20 @ 17:56:15**
Time Off Btm: **2012.02.20 @ 21:53:45**

TEST COMMENT: IF- Weak builing blow 2" into the bucket.
IS- No blow back.
FF- Weak blow 1/2" in bucket.
FS- No blow back.



PRESSURE SUMMARY

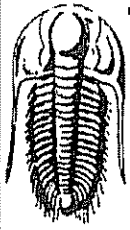
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1968.82	108.95	Initial Hydro-static
2	19.49	108.65	Open To Flow (1)
30	34.41	109.13	Shut-In(1)
77	1199.86	112.18	End Shut-In(1)
78	35.21	111.70	Open To Flow (2)
138	56.46	113.61	Shut-In(2)
235	1137.24	115.14	End Shut-In(2)
238	1941.45	115.23	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	1% oil 99% mud trace of gas	1.26

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company
301 S Market St. Wichita Ks. 67202 3805
ATTN: Wes Hansen

4/13/31
Ottley #3-4
Job Ticket: 41241 DST#: 1
Test Start: 2012.02.20 @ 13:45:00

Mud and Cushion Information

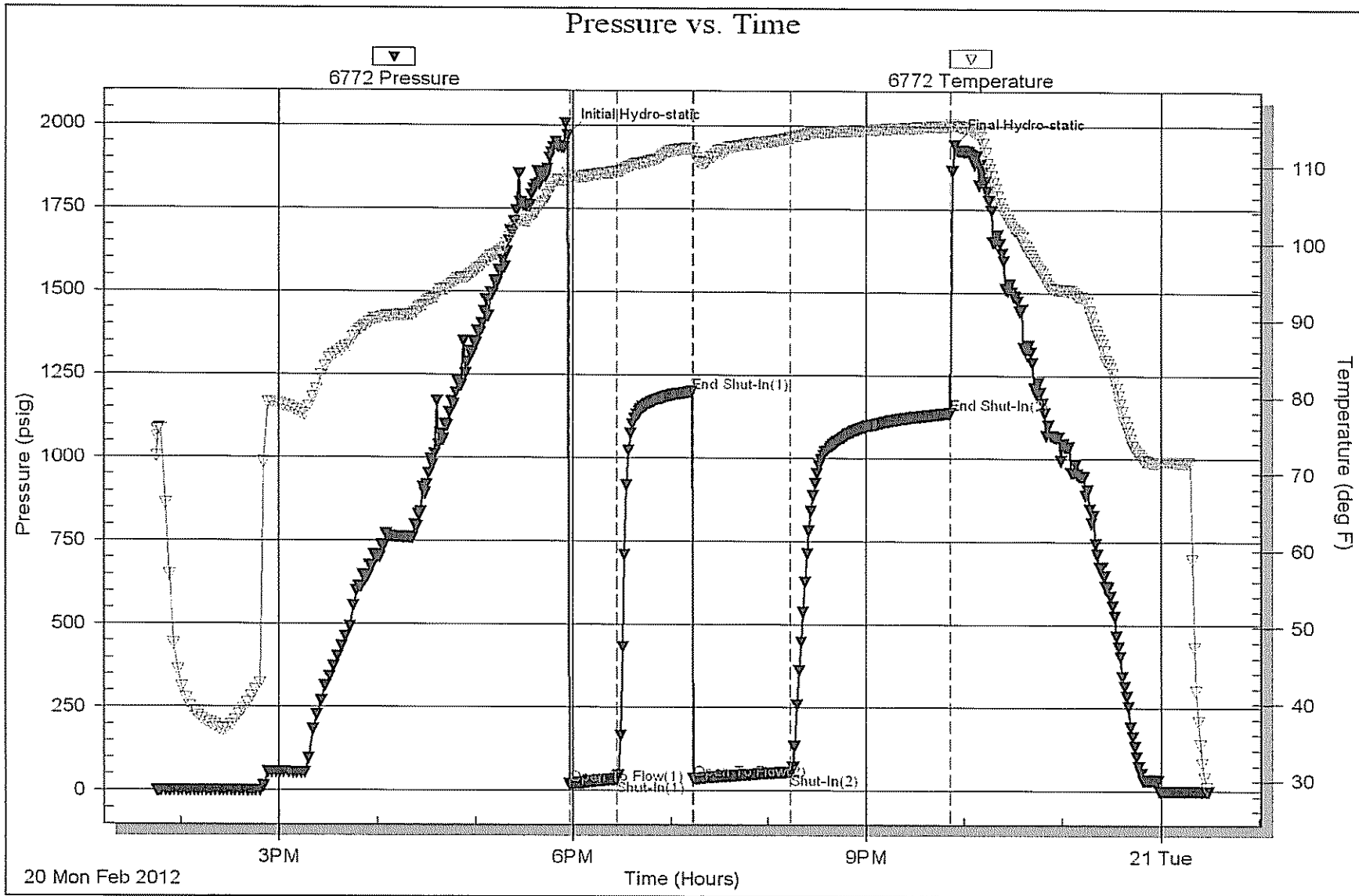
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 40.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.98 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3000.00 ppm			
Filter Cake: inches			

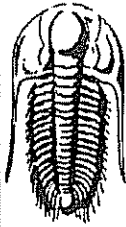
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	1% oil 99% mud trace of gas	1.262

Total Length: 90.00 ft Total Volume: 1.262 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
301 South Market
Wichita, KS 67202
ATTN: Wess Hanson

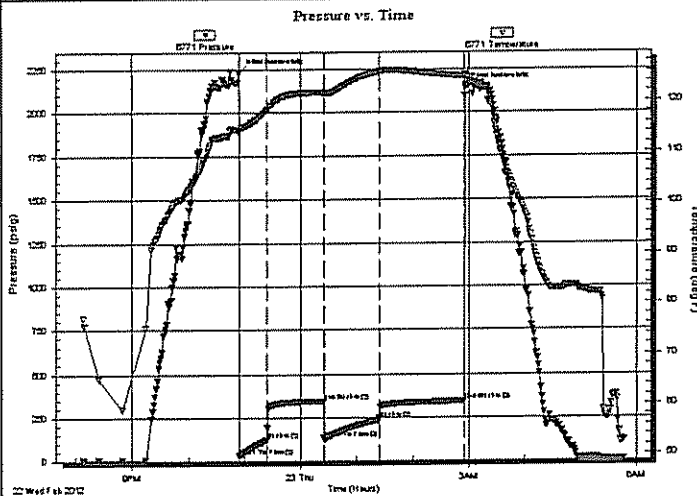
660 FNL & 2310 FEL
Ottley A 3-4
Job Ticket: 44956 DST#: 2
Test Start: 2012.02.22 @ 20:08:15

GENERAL INFORMATION:

Formation: **Fort scott- Cherokee**
 Deviated: **No** Whipstock: **ft (KB)**
 Time Tool Opened: **22:54:30**
 Time Test Ended: **06:00:00**
 Interval: **4434.00 ft (KB) To 4480.00 ft (KB) (TVD)**
 Total Depth: **4480.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**
 Test Type: **Conventional Bottom Hole (Initial)**
 Tester: **Shane McBride**
 Unit No: **55**
 Reference Elevations: **2934.00 ft (KB)**
2927.00 ft (CF)
 KB to GR/CF: **7.00 ft**

Serial #: **6771** Outside
 Press@RunDepth: **235.48 psig @ 4435.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2012.02.22** End Date: **2012.02.23** Last Calb.: **2012.02.23**
 Start Time: **20:08:15** End Time: **05:46:30** Time On Blm: **2012.02.22 @ 22:54:00**
 Time Off Blm: **2012.02.23 @ 02:56:15**

TEST COMMENT: **B.O.B 27 min**
no return
10 inch blow
no return



PRESSURE SUMMARY

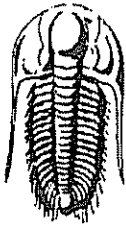
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2229.23	114.52	Initial Hydro-static
1	24.72	113.85	Open To Flow (1)
31	120.52	118.13	Shut-In(1)
91	344.04	121.63	End Shut-In(1)
91	124.18	121.55	Open To Flow (2)
151	235.48	125.86	Shut-In(2)
242	341.34	124.93	End Shut-In(2)
243	2143.28	125.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
110.00	MCW W/Oil spots on top 40%M 60%w	1.54
240.00	MCW 25%m 75%w	3.37
240.00	SMCW 10%m 90%w	3.37

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

660 FNL & 2310 FEL

301 South Market
Wichita, KS 67202

Offley A 3-4

Job Ticket: 44956

DST#: 2

ATTN: Wess Hanson

Test Start: 2012.02.22 @ 20:08:15

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:	39000 ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.19 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 3500.00 ppm			
Filler Cake: 1.00 inches			

Recovery Information

Recovery Table

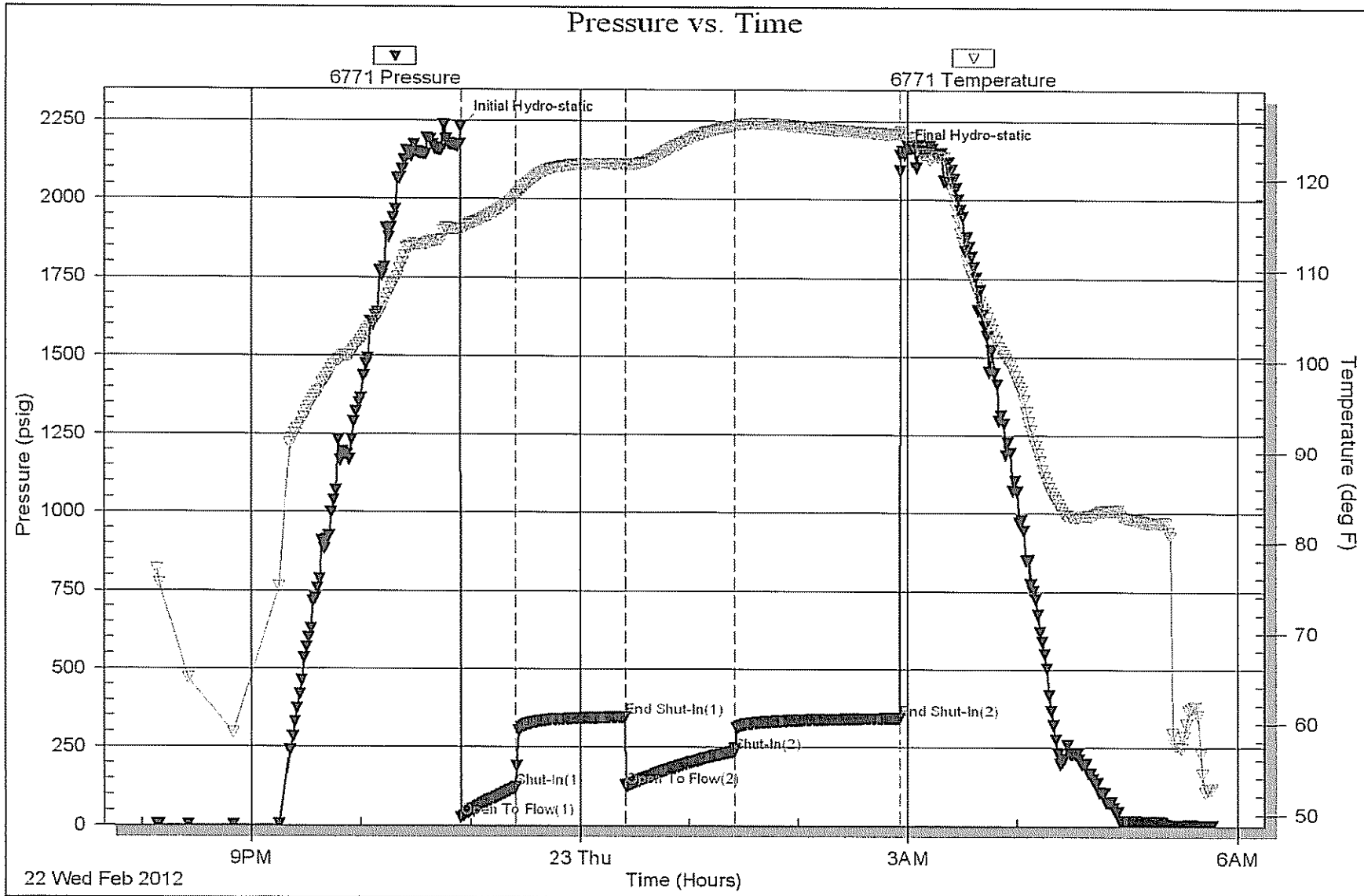
Length ft	Description	Volume bbl
110.00	MCW W/Oil spots on top 40%M 60%w	1.543
240.00	MCW 25%m 75%w	3.367
240.00	SMCW 10%m 90%w	3.367

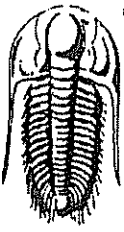
Total Length: 590.00 ft Total Volume: 8.277 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW .226 @ 58*f =39000 chlor





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DRILL STEM TEST REPORT

Lario Oil & Gas Company

660 FNL & 2310 FEL

301 South Market
Wichita, KS 67202

Ottley A 3-4

Job Ticket: 44957

DST#: 3

ATTN: Wess Hanson

Test Start: 2012.02.23 @ 21:35:15

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: **No Whipstock** 0.00 ft (KB)

Time Tool Opened: 00:21:00

Time Test Ended: 07:28:30

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

Tester: **Shane McBride**

Unit No: **55**

Interval: **4517.00 ft (KB) To 4563.00 ft (KB) (TVD)**

Total Depth: **4563.00 ft (KB) (TVD)**

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

Reference Elevations: **2934.00 ft (KB)**

2927.00 ft (CF)

KB to GR/CF: **7.00 ft**

Serial #: 6771

Outside

Press@RunDepth: **67.59 psig @ 4518.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2012.02.23**

End Date: **2012.02.24**

Last Calib.: **2012.02.24**

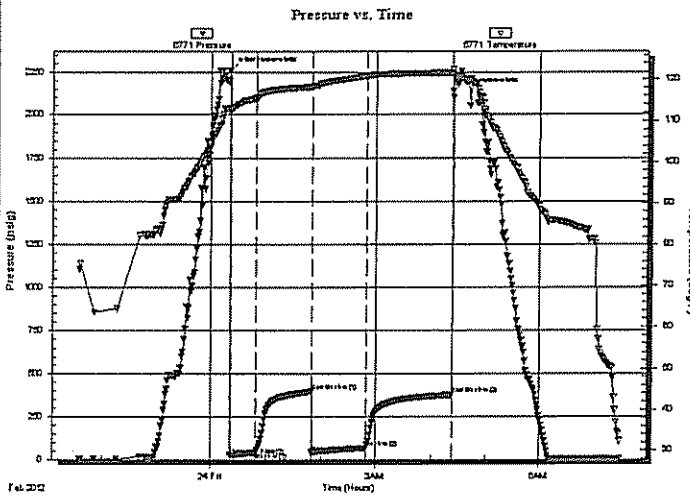
Start Time: **21:35:15**

End Time: **07:28:30**

Time On Btrr: **2012.02.24 @ 00:20:45**

Time Off Btrr: **2012.02.24 @ 04:24:00**

TEST COMMENT: 9 inch blow
no return
11 inch blow
no return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2259.90	113.01	Initial Hydro-static
1	21.84	112.41	Open To Flow (1)
29	40.89	115.46	Shut-In(1)
89	398.09	118.15	End Shut-In(1)
89	40.42	118.21	Open To Flow (2)
149	67.59	120.83	Shut-In(2)
243	377.35	121.64	End Shut-In(2)
244	2135.73	122.46	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	free oil 100% oil	0.14
110.00	sgw & mco 5g 10w 35m 50o	1.54
0.00	180' weak gas in pipe	0.00

Gas Rates

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

* Recovery from multiple tests



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Ottley A 3-4

Job Ticket: 44957

DST#: 3

ATTN: Wess Hanson

Test Start: 2012.02.23 @ 21:35:15

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 49.00 sec/qt
Water Loss: 9.55 in³
Resistivity: 0.00 ohm.m
Salinity: 4600.00 ppm
Filter Cake: 1.00 inches

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

Oil API: 30 deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	free oil 100% oil	0.140
110.00	sgw & mco 5g 10w 35m 50o	1.543
0.00	180' weak gas in pipe	0.000

Total Length: 120.00 ft Total Volume: 1.683 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

