



INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 141762
Invoice Date: Mar 7, 2014
Page: 1

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

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

drilling AFE 14-023
3-17-14 LK

Customer ID	Field Ticket #	Payment Terms	
Lario	62008	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Mar 7, 2014	4/6/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Sampson #2-10	17.90	4,027.50
225.00	CEMENT MATERIALS	Class A Common	64.00	512.00
8.00	CEMENT MATERIALS	Chloride	2.48	585.90
236.25	CEMENT SERVICE	Cubic Feet Charge	2.60	1,415.70
544.50	CEMENT SERVICE	Ton Mileage Charge	1,512.25	1,512.25
1.00	CEMENT SERVICE	Surface	7.70	385.00
50.00	CEMENT SERVICE	Pump Truck Mileage	275.00	275.00
1.00	CEMENT SERVICE	Swedge Manifold Rental	4.40	220.00
50.00	CEMENT SERVICE	Light Vehicle Mileage		
1.00	EQUIPMENT OPERATOR	Paul Beaver		
1.00	EQUIPMENT OPERATOR	Tyler Flipse		

BCP
xc
MAR 12 2014
xl

Subtotal	8,933.35
Sales Tax	369.97
Total Invoice Amount	9,303.32
Payment/Credit Applied	
TOTAL	9,303.32

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

\$ 2,680.00

ONLY IF PAID ON OR BEFORE
Apr 1, 2014

ALLIED OIL & GAS SERVICES, LLC 062008

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: Oakley KS

DATE <u>3-7-14</u>	SEC. <u>10</u>	TWP. <u>19</u>	RANGE <u>35</u>	CALLED OUT	ON LOCATION <u>5:30 p.m.</u>	JOB START <u>7:00 p.m.</u>	JOB FINISH <u>7:30 p.m.</u>
LEASE <u>Sampson</u>	WELL <u>12-10</u>	LOCATION <u>South City, W. Blvd 22.45,</u>			COUNTY <u>Wichita</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			<u>1 E, 1/4 S, W/4</u>				

CONTRACTOR WWS 2
 TYPE OF JOB Surface
 HOLE SIZE 12 7/8 T.D. 366'
 CASINO SIZE 8 5/8 DEPTH 365.26
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 15'
 PERFS. _____
 DISPLACEMENT 22.31 bbl water

OWNER Same
 CEMENT AMOUNT ORDERED 225 sks Com 3% CC

EQUIPMENT
 PUMP TRUCK CEMENTER Paul Beaver
 # 120 HELPER Tyler Elipse
 BULK TRUCK # 600 DRIVER Jun 1 (TWS)
 BULK TRUCK # _____ DRIVER _____

COMMON	<u>225 sks</u>	@ <u>17.90</u>	<u>4027.50</u>
POZMIX		@	
GEL		@	
CHLORIDE	<u>8 sks</u>	@ <u>64.00</u>	<u>512.00</u>
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>234.25 lbs</u>	@ <u>2.48</u>	<u>585.90</u>
MILEAGE	<u>10.89 hrs @ 50 mlv</u>	<u>2.60</u>	<u>1415.70</u>
TOTAL			<u>6541.10</u>

REMARKS:
Min 225 sks Com 3% CC.
Displace w/ water &
Cement did circulate.
Thank You!

SERVICE
 DEPTH OF JOB 366'
 PUMP TRUCK CHARGE 1572.25
 EXTRA FOOTAGE @ _____
 MILEAGE mlw 50 @ 7.70 385.00
 MANIFOLD sledge @ _____ 275.00
mlw 50 @ 4.40 220.00

CHARGE TO: Lario Oil + Gas
 STREET _____
 CITY _____ STATE _____ ZIP _____

TOTAL 2592.25

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.

PLUG & FLOAT EQUIPMENT
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____

PRINTED NAME Lomie Kang
 SIGNATURE [Signature]

TOTAL _____
 SALES TAX (If Any) _____
 TOTAL CHARGES 8,933.35
 DISCOUNT 2,680.00 IF PAID IN 30 DAYS
Bid 6,253.34 Net.

BID SHEET



Date	January 28, 2014
Ticket Number	OAK13032738
Service Point:	Oakley, KS
Address	P.O. Box 27
	Oakley, KS 67748
Business Phone	785-672-3452

Manager	Terry Heinrich
E-mail	tch@alliedservices.com
Mobile Phone	785-672-9376

Company	Lario Oil & Gas Company	Prepared For:	Jay Schwaikert	Well Data	
Address	Wichita, Kansas 67202	Business Phone:	316.265.5611	Open Hole	12 3/4
Address		Email:	jschwaikert@larioil.com	Depth	340
Well Name	Sampson	Mobile Phone:		String	O1 Surface
Well Number	# 2-10	Prepared By:	Neal Rupp	Casing Size	8 5/8
Field		Email	neal.rupp@alliedservices.com	ID	8.093
County	Wichita	Mobile Phone:	316.250.7657	Weight	24.0
State	Kansas	Business Phone:	316.260.3368	Grade	1-55
City		Rig Contractor	WW Rig # 2	Top (md)	0
API Number		Rig Name/No.		Btm (md)	340
Specific Job Type	O1 Surface	Rig Phone:		Thread	LTC
		Company Rep:			
		Rep Phone No.			
		Mileage (one-way)	50		
		Proposal Date	1/28/2014		

OPERATIONS	Units	UOM	Cost per Unit	Total	Unit Net	Net
Casing Pump Charge 0' to 500'	1.00	for 6 hours	\$1,512.25	\$ 1,512.25	\$ 1,058.58	\$1,058.58
Subtotal				\$ 1,512.25		\$1,058.58
EQUIPMENT SALES						
8 5/8 Wooden Plug	1.00	each	\$110.00	\$ 110.00	\$ 80.30	\$80.30
Subtotal				\$ 110.00		\$80.30
PRODUCTS						
CLASS A COMMON	215.00	per sack	\$17.90	\$ 3,848.50	\$ 12.53	\$2,693.95
Calcium Chloride	8.00	per sack	\$64.00	\$ 512.00	\$ 44.80	\$958.40
Subtotal				\$ 4,360.50		\$3,052.35
TRANSPORT						
Products handling service charge	227.01	per cu. Ft.	\$2.48	\$ 562.97	\$ 1.74	\$394.08
Drayage for Products	520.41	ton-mile	\$2.60	\$ 1,353.06	\$ 1.82	\$947.14
Light Vehicle Mileage	50.00	per mile	\$4.40	\$ 220.00	\$ 3.08	\$154.00
Heavy Vehicle Mileage	50.00	per mile	\$7.70	\$ 385.00	\$ 5.39	\$269.50
Subtotal				\$ 2,521.03		\$1,764.72
Totals:				\$ 8,503.78		\$5,955.95
DISCOUNT: Operations			30.0%	(453.68)		
DISCOUNT: Equipment Sales			27.0%	(29.70)		
DISCOUNT: Products			30.0%	(1,308.15)		
DISCOUNT: Transport			30.0%	(756.31)		
DISCOUNT: ADDITIONAL ITEMS			30.0%	0.00		
			Total	(2,547.84)		

	<i>Gross</i>	<i>Discount</i>	<i>Final</i>
<i>Services Total</i>	\$4,033.28	\$1,209.99	\$2,823.30
<i>Materials Total</i>	\$4,470.50	\$1,337.85	\$3,132.65
<i>Final Total</i>	\$8,503.78	\$2,547.84	\$5,955.95

<i>ADDITIONAL ITEMS</i>							
Additional hours, in excess of set hours	0.00	per hour	\$440.00	\$	-	\$ 308.00	\$0.00



CONSOLIDATED
Oil Well Services, LLC

REMIT TO
FINV
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 # 266613

Invoice Date: 03/19/2014 Terms: 15/15/30,n/30

Page 1

LARIO OIL & GAS
P.O. BOX 1093
GARDEN CITY KS 67846
(316)265-5611

SAMPSON 2-10

47562
10-19S-35W
03-15-2014
KS

*drilling AFE 14-023
long string
3-21-14 LK*

Part Number	Description	Qty	Unit Price	Total
1126	OIL WELL CEMENT	225.00	23.7000	5332.50
1110A	KOL SEAL (50# BAG)	1125.00	.5600	630.00
1131	60/40 POZ MIX	460.00	15.8600	7295.60
1118B	PREMIUM GEL / BENTONITE	3164.00	.2700	854.28
1107	FLO-SEAL (25#)	115.00	2.9700	341.55
1144G	MUD FLUSH (SALE)	500.00	1.0000	500.00
4159	FLOAT SHOE AFU 5 1/2"	1.00	433.7500	433.75
4130	CENTRALIZER 5 1/2"	16.00	61.0000	976.00
4104	CEMENT BASKET 5 1/2"	1.00	290.0000	290.00
4283	DV TOOL W/ LATCH DOWN	1.00	4900.0000	4900.00
4454	5 1/2" LATCH DOWN PLUG	1.00	567.0000	567.00

Sublet Performed	Description	Total
9996-130	CEMENT MATERIAL DISCOUNT	-3318.10
9995-130	CEMENT EQUIPMENT DISCOUNT	-826.47

Description	Hours	Unit Price	Total
456 SINGLE PUMP	1.00	3175.00	3175.00
456 EQUIPMENT MILEAGE (ONE WAY)	40.00	5.25	210.00
538 TON MILEAGE DELIVERY	1.00	1062.40	1062.40
566 TON MILEAGE DELIVERY	1.00	1062.40	1062.40

Amount Due 29433.32 if paid after 04/18/2014

Parts:	22120.68	Freight:	.00	Tax:	1532.41	AR	25018.32
Labor:	.00	Misc:	.00	Total:	25018.32		
Sublt:	-4144.57	Supplies:	.00	Change:	.00		

Signed _____ Date _____



CONSOLIDATED
Oil Well Services, LLC

266613

TICKET NUMBER 47562
LOCATION Dakota, ks
FOREMAN Dane Retzlaff

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	
3-15-14	4793	Sampson # 2-10	10	142	35 W	Wichita	
CUSTOMER		MAILING ADDRESS		TRUCK #	DRIVER	TRUCK #	DRIVER
Lario Oil + Gas		Scatt city East to RD 22 29 miles South East into		456	Travis	Supervisor	Fuzzey
CITY	STATE	ZIP CODE		566	Lance		
				538	Michael		
				Helper	Jeffrey		

JOB TYPE 2-stage HOLE SIZE 7 3/4 HOLE DEPTH 6200 CASING SIZE & WEIGHTS 5 1/2 14 LBS
 CASING DEPTH 5176 DRILL PIPE 4.5 TUBING _____ OTHER Du Tool 2410
 SLURRY WEIGHT 17.2/12.5 SLURRY VOL 1.56/1.26 WATER gal/sk 6.97/9.28 CEMENT LEFT in CASING 23.23
 DISPLACEMENT 125/58 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting on 1212" 2. Dig up. Run float equip. Cents on 56' 60' 84' 87' 90' 93' 96' 99' 102' 105' 108' 111' 114' 117' 120' 123'. Basket on Bottom of 58 Du Tool on Bottom of 57 Circ on Bottom for 90 mins. Pump 580lb ahead mix mud flush pump 570lb behind. mix 225 sks. Over 5" flo seal. shut down. wash pump + lines. Release plug. Displace 12 1/2 plug landed at 1500 psi. Final lift 1000 psi. Drop Dart. Opened at 1150 psi. Circulate 3 hrs. mix 15 sks mouse 15 sks Ratbake. mix. 430 sks 60/40 80% gal 1/4 flo. Displace 58 1/2 bbls of water. Landed at 1500 psi. Final lift 600 psi. Held. Rig down.

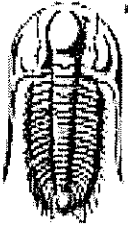
Thank You Dane + crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401c	1	PUMP CHARGE	3175.00	3175.00
5406	40	MILEAGE	5.25	210.00
5407a	30.35	Ton mileage Delivery	1.75	2124.50
1126	225 sks	Over cement	23.70	5332.50
1110a	1125	Kalsol	.56	630.00
1131	460 sks	60/40 Pozmix	15.86	7295.60
1118b	3164.	Bentonite	.27	854.28
1107	115	Flo seal	2.97	341.55
1144c	500 gal	mud flush	1.00	500.00
4159	1	Afu Float shoe 5 1/2	433.75	433.75
4130	16	5 1/2 centralizers	61.00	976.00
4104	1	5 1/2 Basket	290.00	290.00
4203	1	5 1/2 Du Tool	4900.00	4900.00
4434	1	5 1/2 latch down assembly	567.00	567.00
			Sub	27630.48
			less 18% Sub	4144.57
				23485.91
			8.15	SALES TAX ESTIMATED
				TOTAL
				25018.30



AUTHORIZATION [Signature] TITLE _____ DATE _____

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: Steve Davis

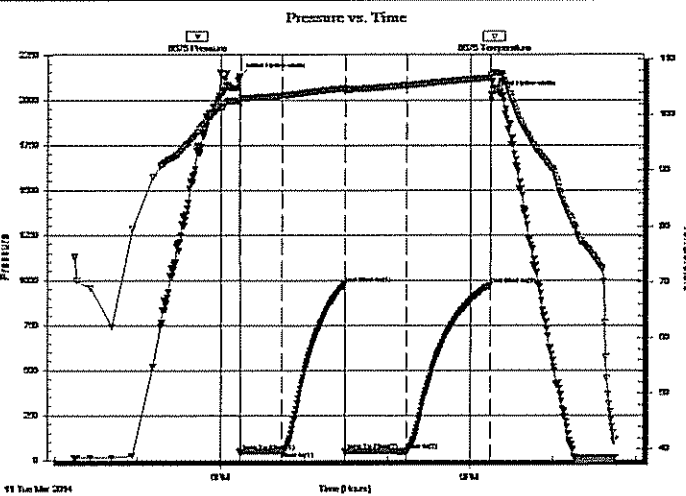
10-19s-35w Wichita Co. KS
Sampson # 2-10
Job Ticket: 54623 DST#: 1
Test Start: 2014.03.11 @ 16:14:00

GENERAL INFORMATION:

Formation: **Kansas City "H"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 18:13:15
Time Test Ended: 22:45:15
Interval: **4236.00 ft (KB) To 4270.00 ft (KB) (TVD)**
Total Depth: **4270.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Poor**
Test Type: **Conventional Bottom Hole (Initial)**
Tester: **Jace McKinney**
Unit No: **75**
Reference Elevations: **3193.00 ft (KB)**
3188.00 ft (CF)
KB to GR/CF: **5.00 ft**

Serial #: 8675 Inside
Press@RunDepth: **50.22 psig @ 4237.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2014.03.11** End Date: **2014.03.11** Last Calib.: **2014.03.11**
Start Time: **16:14:15** End Time: **22:45:15** Time On Btm: **2014.03.11 @ 18:13:00**
Time Off Btm: **2014.03.11 @ 21:14:45**

TEST COMMENT: Built to 1", died to 1/2" blow
No return blow
No blow
No return blow



PRESSURE SUMMARY

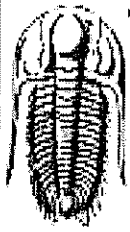
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2129.54	102.57	Initial Hydro-static
1	46.90	101.98	Open To Flow (1)
31	51.29	103.45	Shut-in(1)
76	976.33	104.77	End Shut-in(1)
76	51.54	104.10	Open To Flow (2)
121	50.22	105.27	Shut-in(2)
182	973.79	106.63	End Shut-in(2)
182	2028.33	106.97	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	100% Mud	0.05

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: Steve Davis

10-19s-35w Wichita Co. KS
Sampson # 2-10
Job Ticket: 54623 DST#: 1
Test Start: 2014.03.11 @ 16:14:00

Mud and Cushion Information

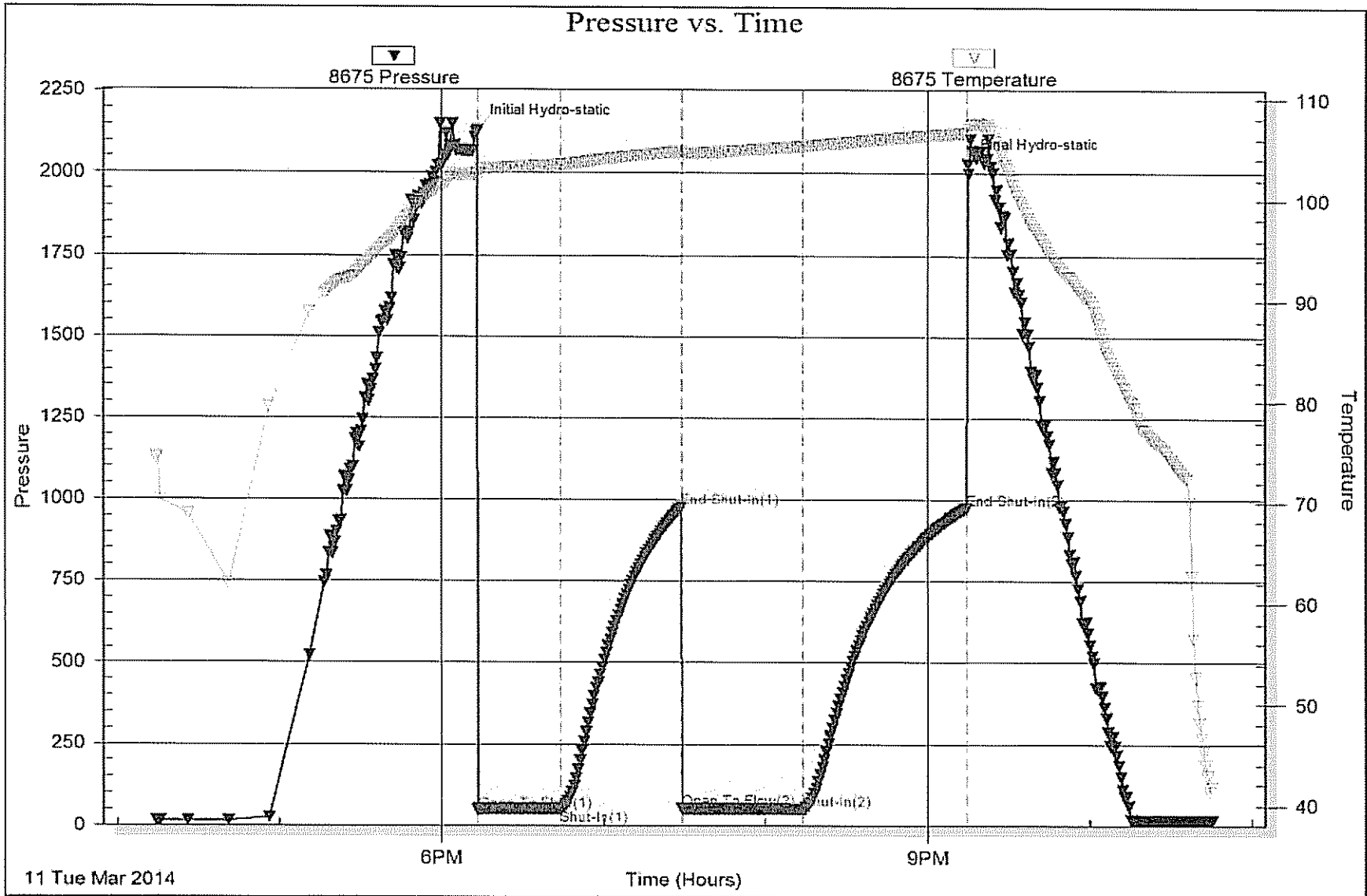
Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	52.00 sec/qt	Cushion Volume:	bbf		
Water Loss:	7.19 in ³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	4000.00 ppm				
Filter Cake:	1.00 inches				

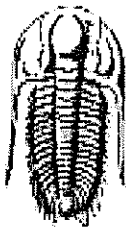
Recovery Information

Recovery Table

Length ft	Description	Volume bbf
10.00	100% Mud	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbf
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas Company
 301 S Market St
 Wichita KS 67202 - 3805
 ATTN: Steve Davis

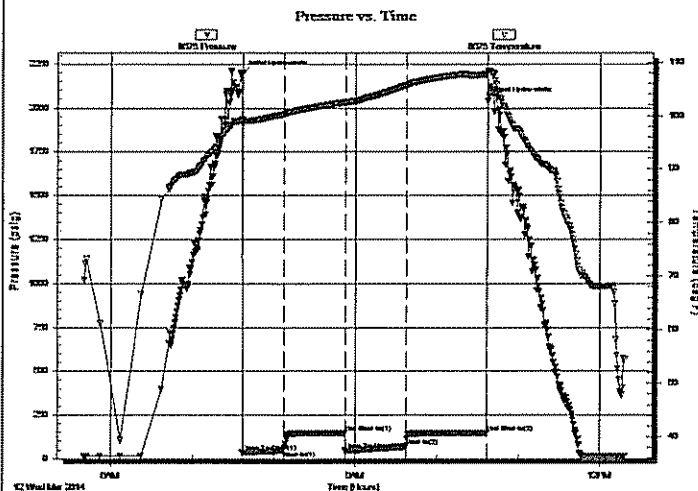
10-19s-35w Wichita Co. KS
Sampson # 2-10
 Job Ticket: 54624 DST#: 2
 Test Start: 2014.03.12 @ 05:40:00

GENERAL INFORMATION:

Formation: **Kansas City "I"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 07:36:45
 Time Test Ended: 12:18:45
 Interval: **4274.00 ft (KB) To 4294.00 ft (KB) (TVD)**
 Total Depth: **4294.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Poor**
 Test Type: **Conventional Bottom Hole (Reset)**
 Tester: **Jace McKinney**
 Unit No: **75**
 Reference Elevations: **3193.00 ft (KB)**
3188.00 ft (CF)
 KB to GR/CF: **5.00 ft**

Serial #: 8675 **Inside**
 Press@RunDepth: **68.68 psig @ 4275.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2014.03.12** End Date: **2014.03.12** Last Calib.: **2014.03.12**
 Start Time: **05:40:15** End Time: **12:18:45** Time On Btm: **2014.03.12 @ 07:36:30**
 Time Off Btm: **2014.03.12 @ 10:37:15**

TEST COMMENT: Built 1 1/2" blow
 No return blow
 No blow
 No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2193.23	99.30	Initial Hydro-static
1	35.66	98.57	Open To Flow (1)
31	47.50	100.32	Shut-In(1)
76	147.02	102.49	End Shut-In(1)
76	48.56	102.44	Open To Flow (2)
121	68.68	105.67	Shut-In(2)
181	146.89	107.74	End Shut-In(2)
181	2041.42	108.31	Final Hydro-static

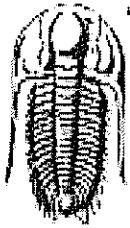
Recovery

Length (ft)	Description	Volume (bbl)
1.00	Clean Oil	0.00
69.00	w cm 5%W 95%M with oil scum	0.34

* 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
301 S Market St
Wichita KS 67202 - 3805
ATTN: Steve Davis

10-19s-35w Wichita Co. KS
Sampson # 2-10
Job Ticket: 54624 DST#: 2
Test Start: 2014.03.12 @ 05:40:00

Mud and Cushion Information

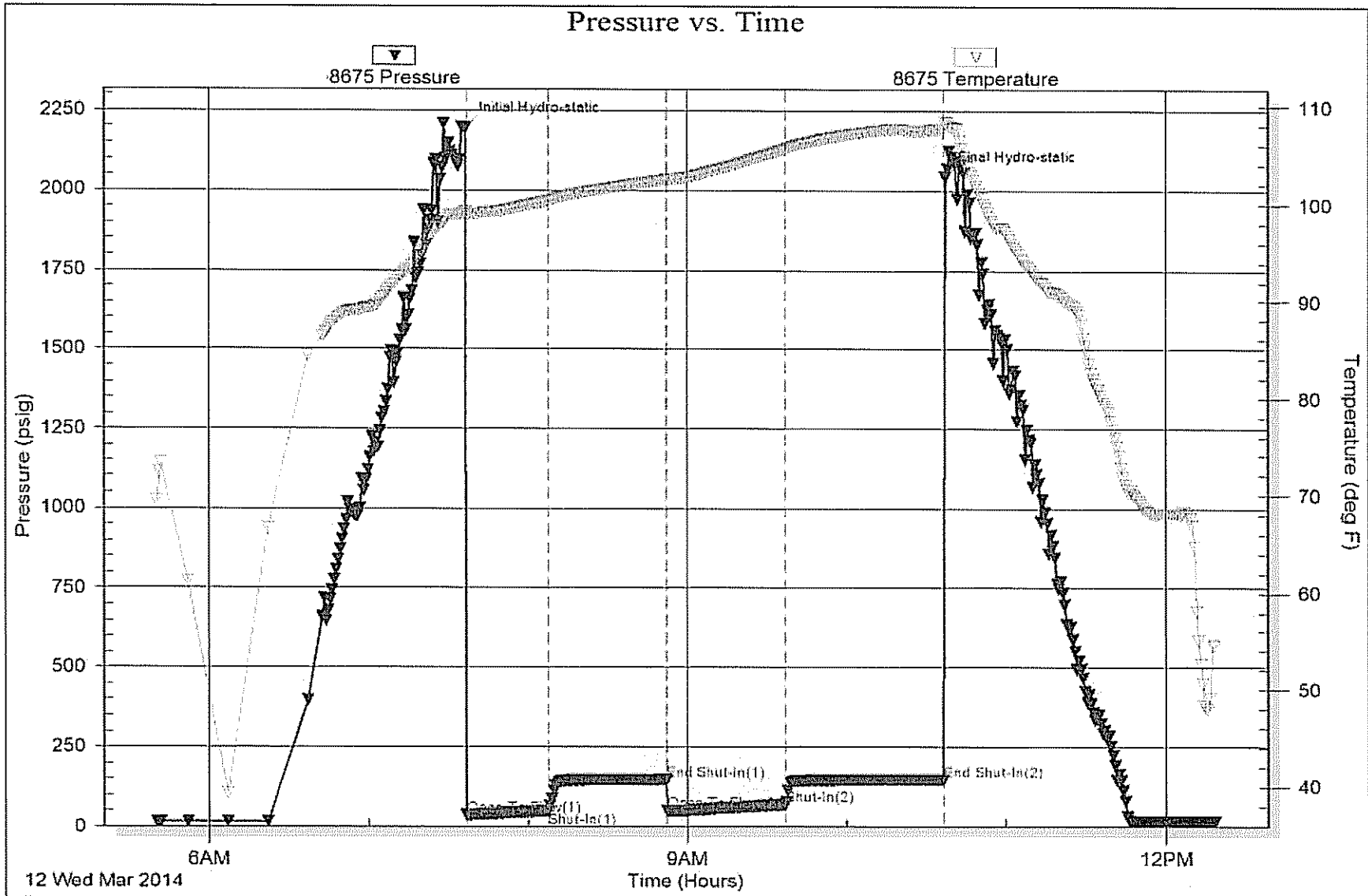
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.18 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: 1.00 inches			

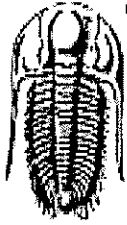
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	Clean Oil	0.005
69.00	w cm 5%W 95%M with oil scum	0.339

Total Length: 70.00 ft Total Volume: 0.344 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

10-19s-35w Wichita Co. KS

301 S Market St
Wichita KS 67202 - 3805

Sampson # 2-10

Job Ticket: 54625 DST#: 3

ATTN: Steve Davis

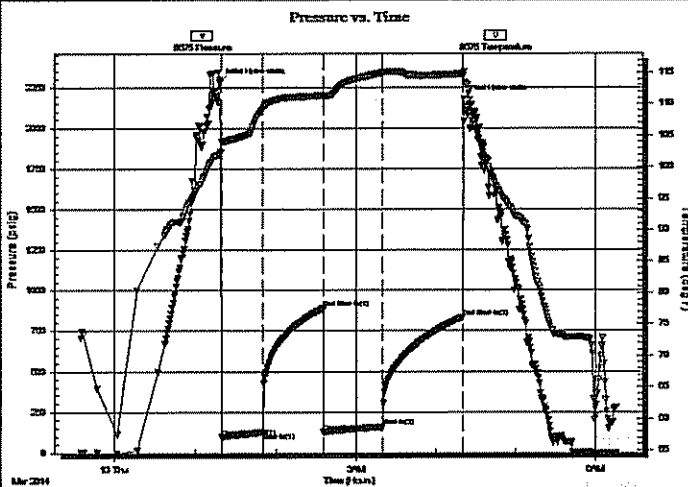
Test Start: 2014.03.12 @ 23:35:00

GENERAL INFORMATION:

Formation: Kansas City "L"	Test Type: Conventional Bottom Hole (Reset)
Deviated: No Whipstock: ft (KB)	Tester: Jace McKinney
Time Tool Opened: 01:19:30	Unit No: 75
Time Test Ended: 06:15:15	Reference Elevations: 3193.00 ft (KB)
Interval: 4402.00 ft (KB) To 4430.00 ft (KB) (TVD)	3188.00 ft (CF)
Total Depth: 4430.00 ft (KB) (TVD)	KB to GR/CF: 5.00 ft
Hole Diameter: 7.88 inches	Hole Condition: Poor

Serial #: 8675 Inside	Capacity: 8000.00 psig
Press@RunDepth: 158.68 psig @ 4403.00 ft (KB)	Last Calib.: 2014.03.13
Start Date: 2014.03.12 End Date: 2014.03.13	Time On Btm: 2014.03.13 @ 01:18:30
Start Time: 23:35:15 End Time: 06:15:15	Time Off Btm: 2014.03.13 @ 04:21:15

TEST COMMENT: Built to 5 1/2" blow
Bled off for 5 min. No return blow
Built to 4" blow
Bled off for 5 min. No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2283.53	102.04	Initial Hydro-static
1	95.98	104.05	Open To Flow (1)
32	127.29	109.18	Shut-In(1)
77	890.07	111.38	End Shut-In(1)
77	126.63	111.02	Open To Flow (2)
122	158.68	114.95	Shut-In(2)
182	834.88	114.75	End Shut-In(2)
183	2180.49	114.53	Final Hydro-static

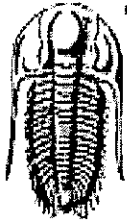
Recovery

Length (ft)	Description	Volume (bbl)
123.00	mcw 20%M 80%W	0.60
126.00	w cm 40%W 60%M	1.76
56.00	100% Mud	0.79

* 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

10-19s-35w Wichita Co. KS

301 S Market St
Wichita KS 67202 - 3805

Sampson # 2-10

Job Ticket: 54625 DST#: 3

ATTN: Steve Davis

Test Start: 2014.03.12 @ 23:35:00

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: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.98 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4400.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

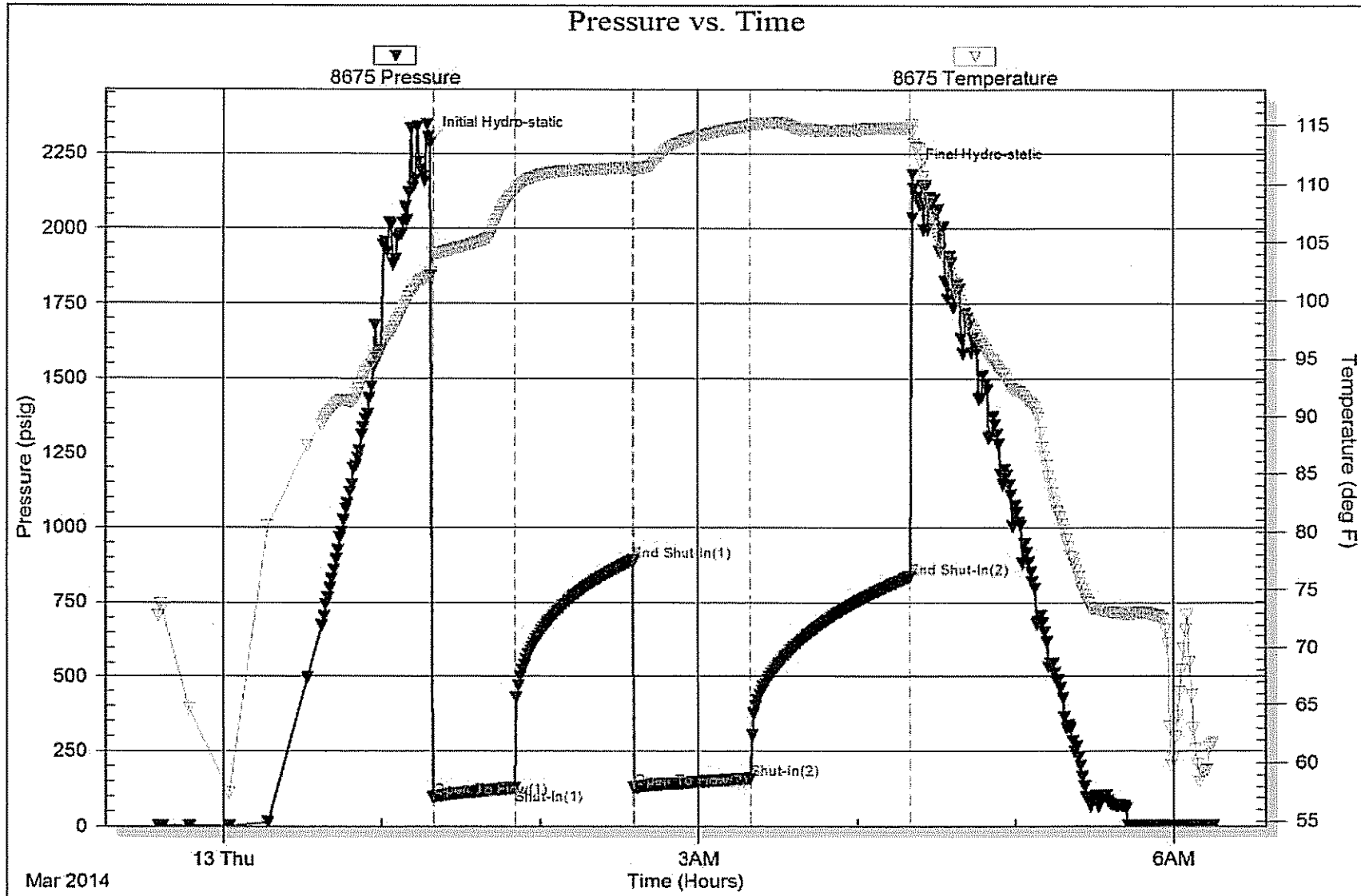
Length ft	Description	Volume bbl
123.00	mcw 20%M 80%W	0.605
126.00	w cm 40%W 60%M	1.762
56.00	100% Mud	0.786

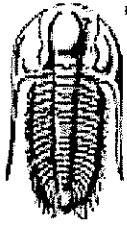
Total Length: 305.00 ft Total Volume: 3.153 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW: .5 @ 25 F = 30,000





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Lario Oil & Gas Company
 301 S Market St
 Wichita KS 67202 - 3805
 ATTN: Steve Davis

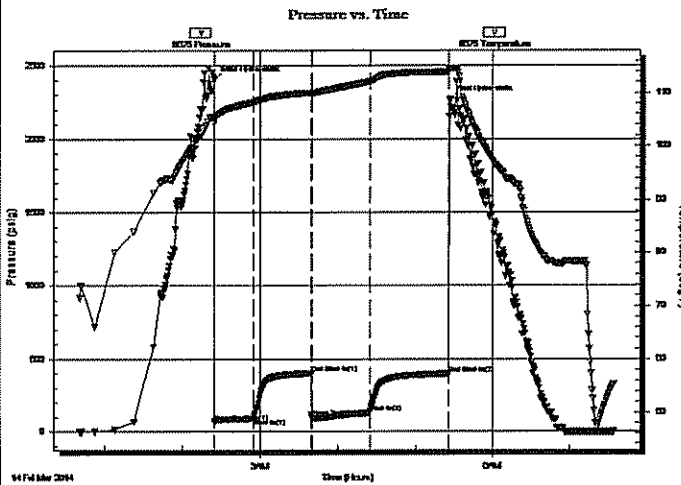
10-19s-35w Wichita Co. KS
Sampson # 2-10
 Job Ticket: 56451 DST#: 4
 Test Start: 2014.03.14 @ 00:41:00

GENERAL INFORMATION:

Formation: **Pawnee**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:24:45
 Time Test Ended: 07:35:00
 Interval: 4588.00 ft (KB) To 4620.00 ft (KB) (TVD)
 Total Depth: 4620.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jace McKinney
 Unit No: 75
 Reference Elevations: 3193.00 ft (KB)
 3188.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8675 Inside
 Press@RunDepth: 129.71 psig @ 4589.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.03.14 End Date: 2014.03.14 Last Calib.: 2014.03.14
 Start Time: 00:41:15 End Time: 07:35:00 Time On Btm: 2014.03.14 @ 02:24:30
 Time Off Btm: 2014.03.14 @ 05:26:45

TEST COMMENT: B.O.B. in 22 min.
 Bled off for 5 min. No return blow
 B.O.B. in 11 min.
 Bled off for 5 min. Built to 1/4" return, died in 45 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2406.04	105.38	Initial Hydro-static
1	68.89	104.30	Open To Flow (1)
31	92.54	108.18	Shut-In(1)
75	402.22	109.98	End Shut-In(1)
76	100.98	109.90	Open To Flow (2)
120	129.71	112.06	Shut-In(2)
181	398.01	113.91	End Shut-In(2)
183	2269.98	114.49	Final Hydro-static

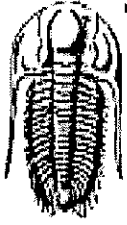
Recovery

Length (ft)	Description	Volume (bbl)
123.00	mcw go 10%W 10%M 30%G 50%O	0.60
94.00	ocmg 5% 40%M 55%G	1.31
63.00	mud with oil scum 2%O 98%M	0.88
0.00	408 Gas In Fipe	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

10-19s-35w Wichita Co. KS

301 S Market St
Wichita KS 67202 - 3805

Sampson # 2-10

Job Ticket: 56451 DST#: 4

ATTN: Steve Davis

Test Start: 2014.03.14 @ 00:41:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.38 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6100.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
123.00	mcw go 10%W 10%M 30%G 50%O	0.605
94.00	ocmg 5% 40%M 55%G	1.314
63.00	mud with oil scum 2%O 98%M	0.884
0.00	408 Gas in Pipe	0.000

Total Length: 280.00 ft Total Volume: 2.803 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

