



PO Box 93999
Southlake, TX 76092

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

INVOICE

Invoice Number: 147375
Invoice Date: Nov 28, 2014
Page: 1

Federal Tax I.D.#: 20-8651475

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

*Drilling ops 14-248
12-8-14*

Customer ID	Field Ticket #	Payment Terms	
Lario	63795	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Nov 28, 2014	12/28/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Krebs A #5-34		
525.00	CEMENT MATERIALS	60/40/8% Gel Blend	19.89	10,442.25
205.00	CEMENT MATERIALS	ASC	23.50	4,817.50
1,066.00	CEMENT MATERIALS	Salt	0.68	724.88
1,025.00	CEMENT MATERIALS	Gilsonite	0.98	1,004.50
31.00	CEMENT MATERIALS	Defoamer	3.50	108.50
62.00	CEMENT MATERIALS	FL-160	18.90	1,171.80
131.00	CEMENT MATERIALS	Flo Seal	2.97	389.07
12.00	CEMENT MATERIALS	WFR-II	41.09	493.08
717.23	CEMENT SERVICE	Cubic Feet Charge	2.48	1,778.73
998.62	CEMENT SERVICE	Ton Mileage Charge	2.75	2,746.21
1.00	CEMENT SERVICE	Production -- Bottom Stage	2,765.75	2,765.75
1.00	CEMENT SERVICE	Production -- Top Stage	2,406.25	2,406.25
25.00	CEMENT SERVICE	Pump Truck Mileage	7.70	192.50
1.00	CEMENT SERVICE	Manifold Head Rental	275.00	275.00
25.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	110.00
3.00	CEMENT SERVICE	Waiting on Location	440.00	1,320.00
1.00	EQUIPMENT SALES	5-1/2 D V Tool	5,335.00	5,335.00
1.00	EQUIPMENT SALES	5-1/2 Basket	395.00	395.00
1.00	EQUIPMENT SALES	5-1/2 Float Shoe	545.00	545.00
1.00	EQUIPMENT SALES	5-1/2 Latch Down	660.00	660.00

Handwritten signature and stamp: OK TO PAY

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

\$ 11,005.55

ONLY IF PAID ON OR BEFORE

Dec 28, 2014

Subtotal	Continued
Sales Tax	Continued
Total Invoice Amount	Continued
Payment/Credit Applied	
TOTAL	Continued



PO Box 93999
Southlake, TX 76092

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INVOICE

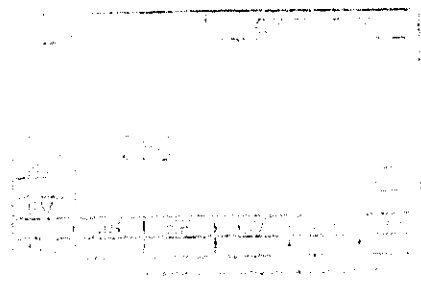
Invoice Number: 147375
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Page: 2

Federal Tax I.D.#: 20-8651475

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

Customer ID	Field Ticket #	Payment Terms	
Lario	63795	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Nov 28, 2014	12/28/14

Quantity	Item	Description	Unit Price	Amount
8.00	EQUIPMENT SALES	5-1/2 Centralizer	57.00	456.00
1.00	CEMENT SUPERVISOR	Alan Ryan		
1.00	EQUIPMENT OPERATOR	Wayne McGhghy		



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

\$ 11,005.55

ONLY IF PAID ON OR BEFORE
Dec 28, 2014

Subtotal	38,137.02
Sales Tax	2,030.51
Total Invoice Amount	40,167.53
Payment/Credit Applied	
TOTAL	40,167.53

ALLIED OIL & GAS SERVICES, LLC 063795

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: Oakley, TX

DATE <u>1/28/04</u>	SEC <u>34</u>	TWP. <u>14</u>	RANGE <u>32</u>	CALLED OUT	ON LOCATION	JOB START <u>8:30 AM</u>	JOB FINISH <u>4:15 PM</u>
LEASE <u>Krebs</u>		WELL # <u>5-34</u>		LOCATION <u>Oakley 23.5 W & W-E 100</u>		COUNTY <u>Wagon</u>	STATE <u>TX</u>
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR H2 Drilling #2 - Steve
 TYPE OF JOB Well 2-Stage
 HOLE SIZE 7 7/8 T.D. 4220
 CASING SIZE 5 1/2 DEPTH 4220
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL OV DEPTH 2158
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 42-D
 PERFS.
 DISPLACEMENT Both - H₂O - 50 By hand - JY
 # 160 53.0 EQUIPMENT

PUMP TRUCK CEMENTER Alan Ryan
 # 43281 HELPER Wayne Michalsky
 BULK TRUCK
 # 890 DRIVER Kiyo (Tus)
 BULK TRUCK
 # 891 DRIVER Juan S. (Tus)

OWNER Stone
 CEMENT AMOUNT ORDERED 205 BK 10000 291.05' @ 21.00
5-1709160, 1581148 BK Cement

COMMON	525 BK	@ 19.89	10442.25
POZMIX		@	
GEL		@	
CHLORIDE		@	
ASC	205 BK	@ 23.50	4817.50
Salt	1000 lb	@ 1.68	724.80
Alum	1000 lb	@ 1.98	1004.80
BeComer	30 lb	@ 3.50	105.00
Cellul	60 lb	@ 1.90	117.00
Propel	121	@ 2.90	392.40
WRT II	10 HRI	@ 41.00	493.00
Material Total			19,159.65
Handling	712.83	@ 2.48	1728.22
Mileage	2370/160	@ 38.945/1000	2246.22

REMARKS:

As per Cemented Area WRT II mix ASC Wash Tank
Alum: Plan of 500 lbs. H₂O 54 lbs. and 1800 PSI WRT
land plug @ 1800 PSI - Tool c. 800 c. 3hr
3000 PSI - 205 BK mix 425 BK Cement 54
W 500 PSI - land plug @ 1800 PSI
Close, Cement Old Cement

Thank You
Alan Ryan, Juan
Michalsky, Kiyo

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

SERVICE	4372.00	
TRUCK CHARGE	2765.25	
EXTRA FOOTAGE	@	
MILEAGE	25 @ 7.00	192.50
MANIFOLD	@	250.00
Wash Tank	25 @ 4.40	110.00
Propel	@	2406.25

(3082.33/3000) TOTAL 10274.45

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 Joseph WEBER
 SIGNATURE [Signature]

PLUG & FLOAT EQUIPMENT

3 hr Waiting Time	490	1320.00
OV Tool J	@	532.50
Baker	@	395.00
Clamp Shoe	@	545.00
Catch Basin	@	660.00
Cast valves	@	450.00
(2177.75/2500) TOTAL		8711.00

SALES TAX (if Any) _____
 TOTAL CHARGES 38,110.08
 DISCOUNT 11,000.47 (30/25) IF PAID IN 30 DAYS

Bid 27,133.61 Net.



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 # 802050

Invoice Date: 11/21/2014 Terms: Net 30 Page 1

LARIO OIL & GAS
P.O. BOX 1093
GARDEN CITY KS 637846
USA
3162655611

KREBS A #5-34
Drilling a/c 14-248
11-24-14 LK

Part Number	Description	Qty	Unit Price	Discount(%)	Total
5401S	Cement Pump Truck - <u>Surface</u>	1.00	1,150.00	15.00	977.50
5406	Mileage Charge	10.00	5.25	15.00	44.63
5407A	Ton Mileage Delivery Charge	1.00	142.98	15.00	121.53
1104S	Class A Cement	165.00	18.55	15.00	2,601.64
1102	Calcium Chloride (50#)	465.00	0.94	15.00	371.54
1118B	Premium Gel / Bentonite	310.00	0.27	15.00	71.15
Sub Total					4,927.03
Discounted Amount					739.05
SubTotal After Discount					4,187.99

Handwritten signature and initials

Amount Due 5,201.02 if paid after 12/21/2014

Tax: 232.89
Total: 4,420.88



CONSOLIDATED
Oil Well Services, LLC

910

TICKET NUMBER 47829

946

LOCATION Oakley, KS.

INVOICE # 802050

FOREMAN Cory Davis
mitg s.

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
11/18/14	4793	Krebs A 5-34	34	145	32 W	Logan
CUSTOMER <u>Lario Oil and Gas</u>						
MAILING ADDRESS						
CITY STATE ZIP CODE						
TRUCK #		DRIVER		TRUCK #		DRIVER
399		Michael R				
460		Robert S				

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 238 CASING SIZE & WEIGHT 8 5/8
 CASING DEPTH 237 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14 1/2 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT In CASING 20'
 DISPLACEMENT 13 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting Rig up on H 2 rig Run casing Break Circulation
with Rig Pump Hook up to pump truck mix 165 sks com 3% cc 2% Gel
wash up Pump + Lines Displace 13 BBL Water Shut in Rig Down

Cement Did Circulate

Approx 8 BBL to pit

Thanks Cory Davis and crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	1,150.00	1,150.00
5406	10	MILEAGE	5.25	52.50
5407A	8.17	Ton Mileage Delivery	1.75	142.98
11045	165	class A cement	18.55	3,060.75
1102	465	Calcium Chloride	.94	437.10
11185	310	Bentonite (Gel)	.27	83.70
			sub total	4,927.03
			15% Loss	739.05
			sub total	4,187.98
			SALES TAX	232.89
			ESTIMATED TOTAL	4420.88

Revin 3737

AUTHORIZATION Stewer Craig TITLE Tool Pusher 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.



**TRIOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Lario Oil & Gas Co

34 14s 32w Logan, Ks

301 S Market St.
Wichita, Ks 67202

Krebs A 5-34

Job Ticket: 58595

DST#: 1

ATTN: Steve Davis

Test Start: 2014.11.22 @ 21:23:00

GENERAL INFORMATION:

Formation: LKC - I

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:53:45

Time Test Ended: 05:34:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 69

Interval: 3847.00 ft (KB) To 3874.00 ft (KB) (TVD)

Reference Elevations: 2656.00 ft (KB)

Total Depth: 3874.00 ft (KB) (TVD)

2644.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 12.00 ft

Serial #: 8522

Outside

Press@RunDepth: 29.58 psig @ 3848.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.11.22

End Date:

2014.11.23

Last Calib.: 2014.11.23

Start Time: 21:23:05

End Time:

05:34:44

Time On Btm: 2014.11.22 @ 23:53:30

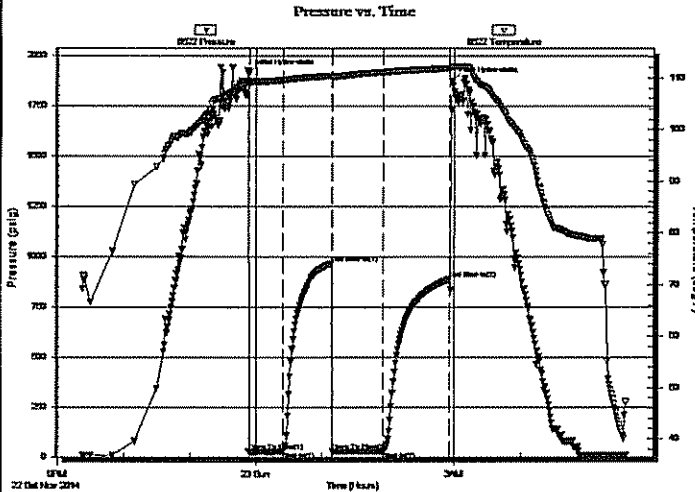
Time Off Btm: 2014.11.23 @ 02:58:00

TEST COMMENT: IF: 1/4" blow, dled @ 12 min.

IS: No return.

FF: No blow.

FSI: No return.



PRESSURE SUMMARY

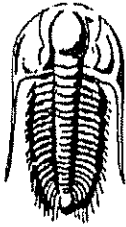
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1910.49	109.42	Initial Hydro-static
1	27.65	108.54	Open To Flow (1)
32	26.06	109.55	Shut-In(1)
76	964.59	110.37	End Shut-In(1)
76	27.20	110.06	Open To Flow (2)
122	29.58	111.11	Shut-In(2)
183	887.89	111.85	End Shut-In(2)
185	1872.88	112.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud 100m (oil Spots)	0.07

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Co

34 14s 32w Logan, Ks

301 S Market St.
Wichita, Ks 67202

Krebs A 5-34

Job Ticket: 58595

DST#: 1

ATTN: Steve Davis

Test Start: 2014.11.22 @ 21:23:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.20 in³

Gas Cushion Type:

Gas Cushion Pressure:

psig

Resistivity: ohm.m

Salinity: 2200.00 ppm

Filler Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
15.00	Mud 100m (oil Spots)	0.074

Total Length: 15.00 ft

Total Volume: 0.074 bbf

Num Fluid Samples: 0

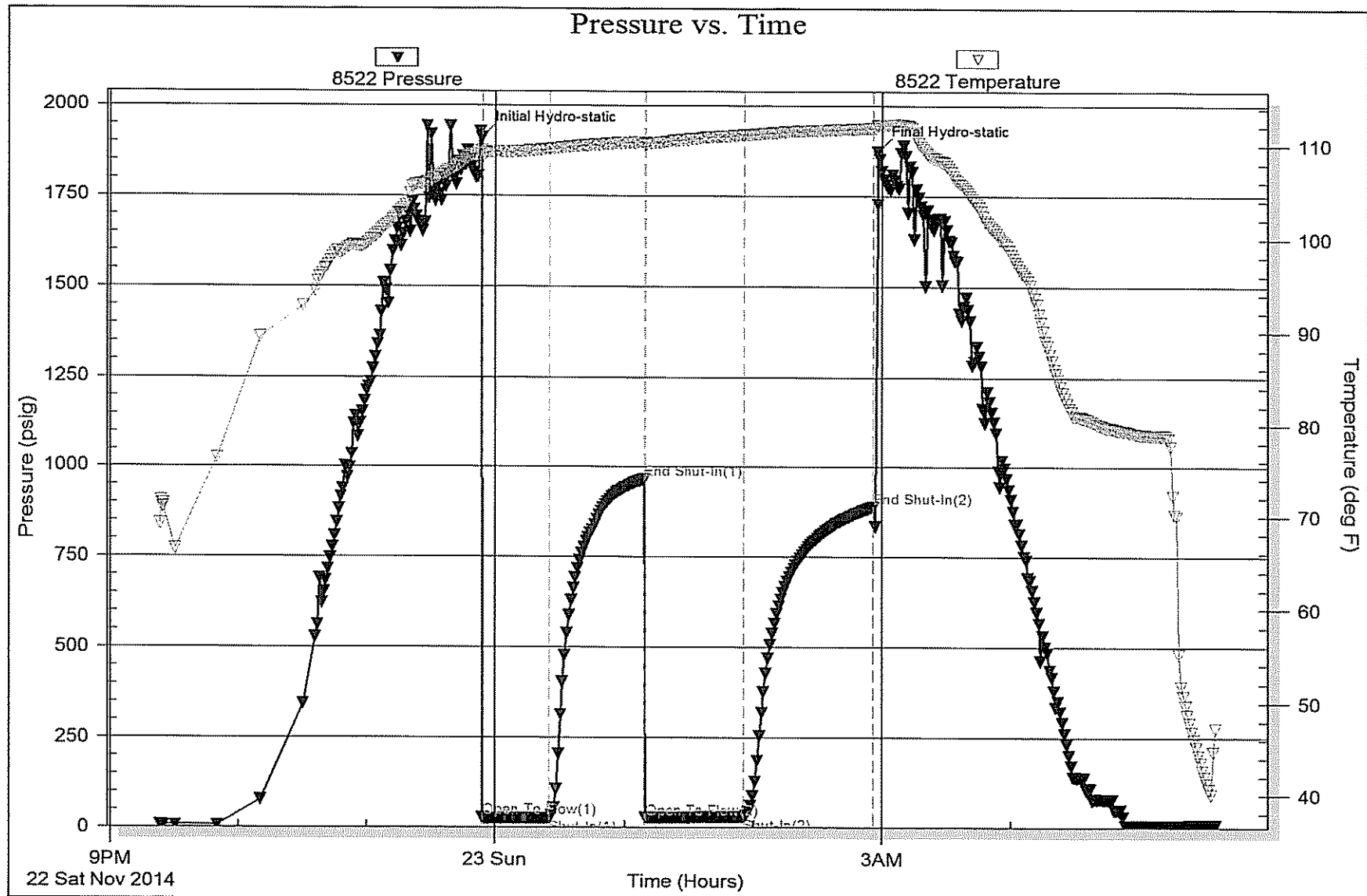
Num Gas Bombs: 0

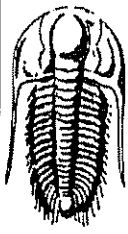
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas Co
 301 S Market St.
 Wichita, Ks 67202
 ATTN: Steve Davis

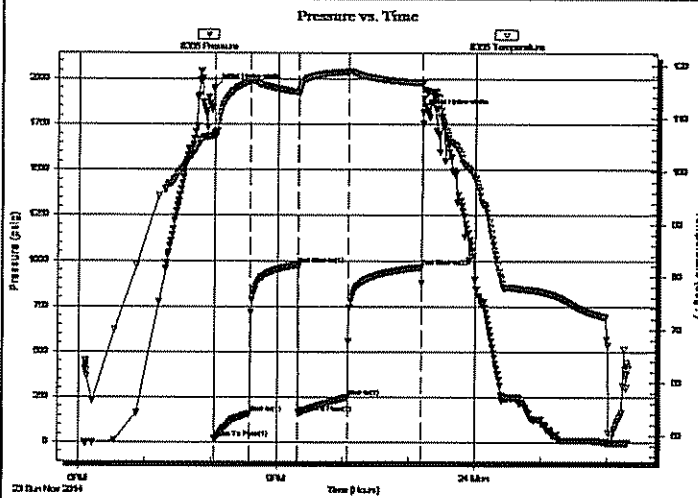
34 14s 32w Logan, Ks
Krebs A 5-34
 Job Ticket: 58597 DST#: 2
 Test Start: 2014.11.23 @ 18:05:00

GENERAL INFORMATION:

Formation: LKC- K
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 20:03:00
 Time Test Ended: 02:23:13
 Interval: 3900.00 ft (KB) To 3925.00 ft (KB) (TVD)
 Total Depth: 3925.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Bradley Walter
 Unit No: 69
 Reference Elevations: 2656.00 ft (KB)
 2644.00 ft (CF)
 KB to GR/CF: 12.00 ft

Serial #: 8365 Inside
 Press@RunDepth: 249.92 psig @ 3901.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.11.23 End Date: 2014.11.24 Last Calib.: 2014.11.24
 Start Time: 18:05:05 End Time: 02:23:13 Time On Btm: 2014.11.23 @ 20:02:45
 Time Off Btm: 2014.11.23 @ 23:12:30

TEST COMMENT: IF: BOB @ 29 min.
 IS: No return.
 FF: BOB @ 45 min.
 FSI: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1953.00	107.20	Initial Hydro-static
1	21.31	106.44	Open To Flow (1)
32	158.79	117.07	Shut-In(1)
76	977.15	114.97	End Shut-In(1)
77	161.36	114.61	Open To Flow (2)
122	249.92	118.82	Shut-In(2)
189	964.44	116.70	End Shut-In(2)
190	1812.95	116.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
500.00	mcw 3m 97w (oil scum)	4.74
1.00	oil 100o	0.01

* 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
301 S Market St.
Wichita, Ks 67202
ATTN: Steve Davis

34 14s 32w Logan, Ks
Krebs A 5-34
Job Ticket: 58597 DST#: 2
Test Start: 2014.11.23 @ 18:05:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 60.00 sec/qt
Water Loss: 9.59 in³
Resistivity: ohm.m
Salinity: 2400.00 ppm
Filter Cake: 1.00 inches

Cushion Type: Oil API: 0 deg API
Cushion Length: ft Water Salinity: 72000 ppm
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Recovery Information

Recovery Table

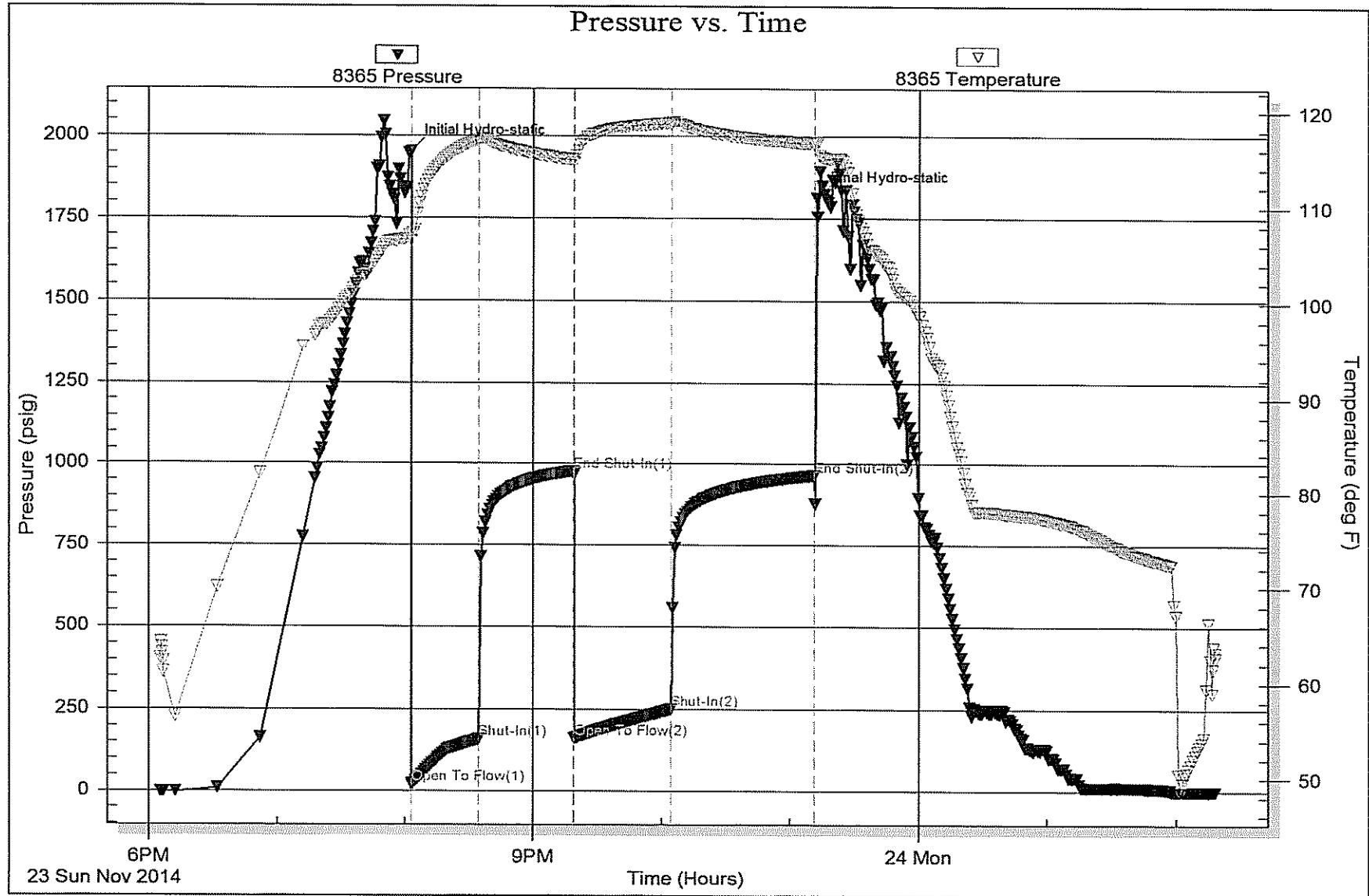
Length ft	Description	Volume bbl
500.00	mcw 3m 97w (oil scum)	4.736
1.00	oil 100o	0.014

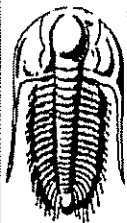
Total Length: 501.00 ft Total Volume: 4.750 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: rw is .190 @ 41F = 72,000ppm





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas Co

34 14s 32w Logan, Ks

301 S Market St.
Wichita, Ks 67202

Krebs A 5-34

Job Ticket: 58598

DST#: 3

ATTN: Steve Davis

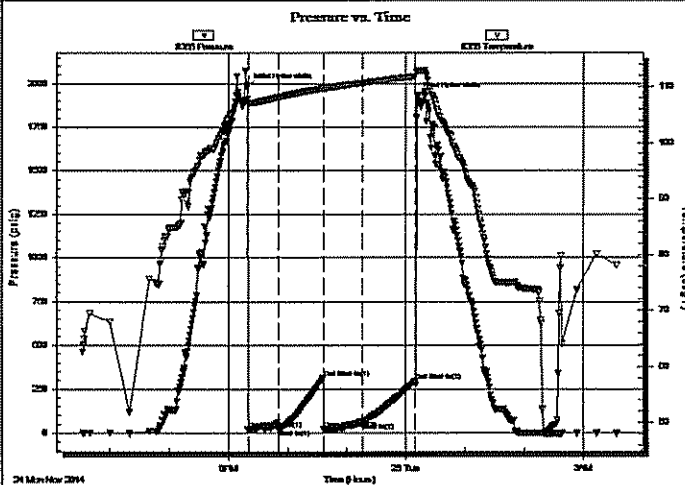
Test Start: 2014.11.24 @ 18:33:00

GENERAL INFORMATION:

Formation: **Marmaton**
 Deviated: **No Whipstock:** ft (KB)
 Time Tool Opened: 21:19:45
 Time Test Ended: 03:33:58
 Interval: **3987.00 ft (KB) To 4094.00 ft (KB) (TVD)**
 Total Depth: **4094.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good**
 Test Type: **Conventional Bottom Hole (Reset)**
 Tester: **Bradley Waiter**
 Unit No: **69**
 Reference Elevations: **2656.00 ft (KB)**
2644.00 ft (CF)
 KB to GR/CF: **12.00 ft**

Serial #: 8365 **Inside**
 Press@RunDepth: **57.77 psig @ 3988.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2014.11.24** End Date: **2014.11.25** Last Calib.: **2014.11.25**
 Start Time: **18:33:05** End Time: **03:33:58** Time On Blmt: **2014.11.24 @ 21:19:15**
 Time Off Blmt: **2014.11.25 @ 00:11:30**

TEST COMMENT: IF: Surface blow, died @ 18 min.
 IS: No return.
 FF: No blow.
 FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1982.72	107.74	Initial Hydro-static
1	19.30	107.09	Open To Flow (1)
32	21.40	108.14	Shut-In(1)
77	310.08	109.74	End Shut-In(1)
78	23.02	109.63	Open To Flow (2)
117	57.77	110.69	Shut-In(2)
171	294.42	111.84	End Shut-In(2)
173	1929.75	112.77	Final Hydro-static

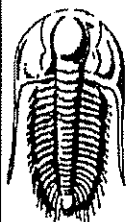
Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud 100m (thick coagulated)	0.05

* 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

34 14s 32w Logan, Ks

301 S Market St.
Wichita, Ks 67202

Krebs A 5-34

Job Ticket: 58598

DST#: 3

ATTN: Steve Davis

Test Start: 2014.11.24 @ 18:33:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbf

Water Loss: 10.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3800.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
10.00	Mud 100m (thick coagulated)	0.049

Total Length: 10.00 ft

Total Volume: 0.049 bbf

Num Fluid Samples: 0

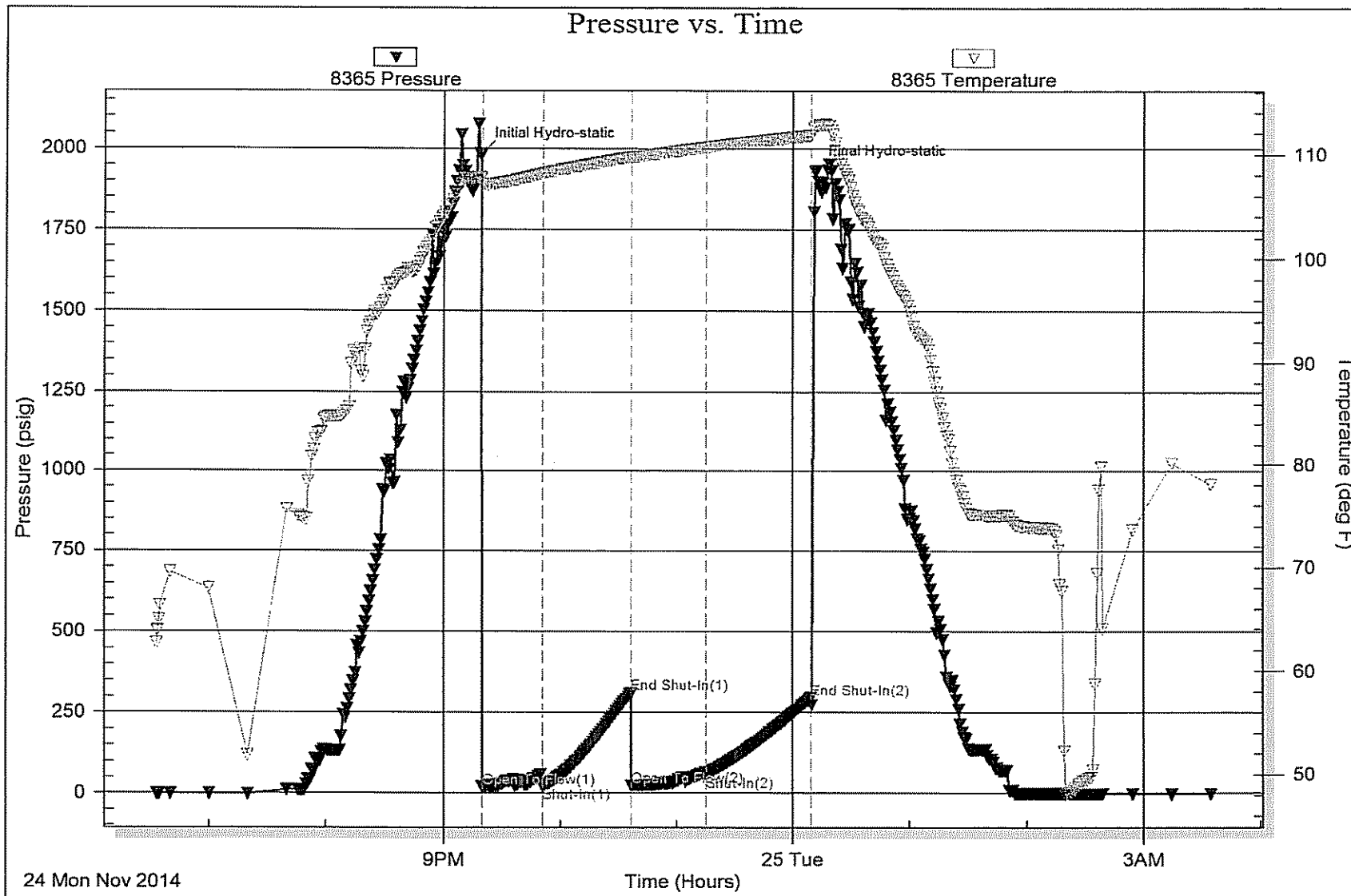
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas Co

34 14s 32w Logan, Ks

301 S Market St.
Wichita, Ks 67202

Krebs A # 5-34

Job Ticket: 59710

DST#: 4

ATTN: Steve Davis

Test Start: 2014.11.25 @ 14:37:52

GENERAL INFORMATION:

Formation: **Pawnee, Ft Scott**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 16:56:22

Time Test Ended: 22:35:07

Test Type: Conventional Bottom Hole (Reset)

Tester: Shane McBride

Unit No: 55

Interval: 4099.00 ft (KB) To 4162.00 ft (KB) (TVD)

Total Depth: 4162.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2656.00 ft (KB)

2644.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 6771

Inside

Press@RunDepth: 21.80 psig @ 4100.00 ft (KB)

Start Date: 2014.11.25

End Date:

2014.11.25

Start Time: 14:37:52

End Time:

22:21:07

Capacity: 8000.00 psig

Last Calib.: 2014.11.25

Time On Blm: 2014.11.25 @ 16:56:07

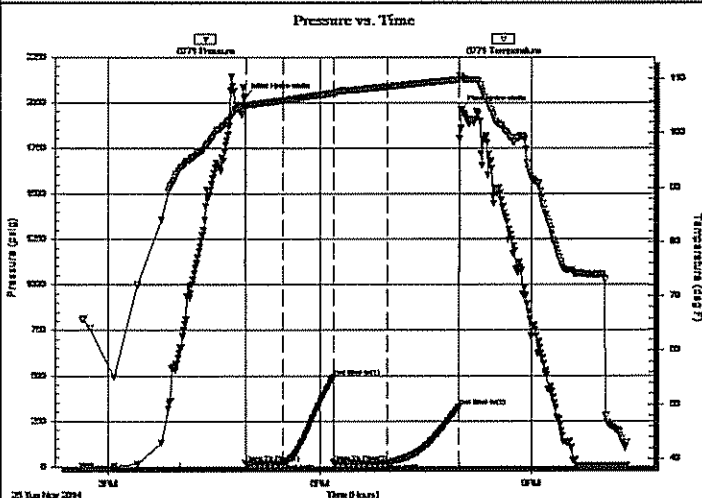
Time Off Blm: 2014.11.25 @ 20:00:37

TEST COMMENT: 1/4" in @ open died in 12 min.

No return

No blow

No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2032.13	105.12	Initial Hydro-static
1	19.06	104.77	Open To Flow (1)
33	20.83	105.99	Shut-In(1)
76	489.96	107.35	End Shut-In(1)
76	21.96	107.07	Open To Flow (2)
122	21.80	108.53	Shut-In(2)
183	326.92	109.84	End Shut-In(2)
185	1961.55	110.46	Final Hydro-static

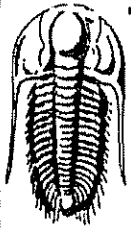
Recovery

Length (ft)	Description	Volume (bbl)
2.00	mud w/oil spots 100% m	0.01

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Lario Oil & Gas Co

34 14s 32w Logan, Ks

301 S Market St.
Wichita, Ks 67202

Krebs A # 5-34

Job Ticket: 59710

DST#: 4

ATTN: Steve Davis

Test Start: 2014.11.25 @ 14:37:52

GENERAL INFORMATION:

Formation: **Pawnee, Ft Scott**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 16:56:22

Time Test Ended: 22:35:07

Test Type: Conventional Bottom Hole (Reset)

Tester: Shane McBride

Unit No: 55

Interval: **4099.00 ft (KB) To 4162.00 ft (KB) (TVD)**

Total Depth: 4162.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2656.00 ft (KB)

2644.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: **8844**

Outside

Press@RunDepth: psig @ 4100.00 ft (KB)

Start Date: 2014.11.25

End Date:

2014.11.25

Capacity: 8000.00 psig

Last Calib.: 2014.11.25

Start Time: 14:37:17

End Time:

22:20:47

Time On Btm:

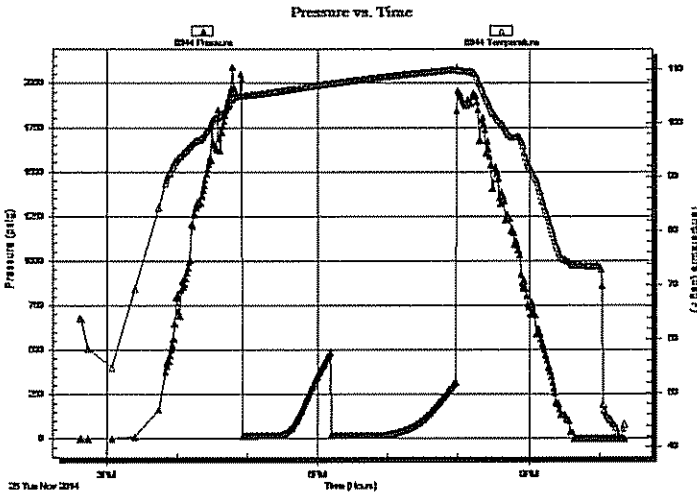
Time Off Btm:

TEST COMMENT: 1/4" in @ open died in 12 min.

No return

No blow

No return



PRESSURE SUMMARY

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

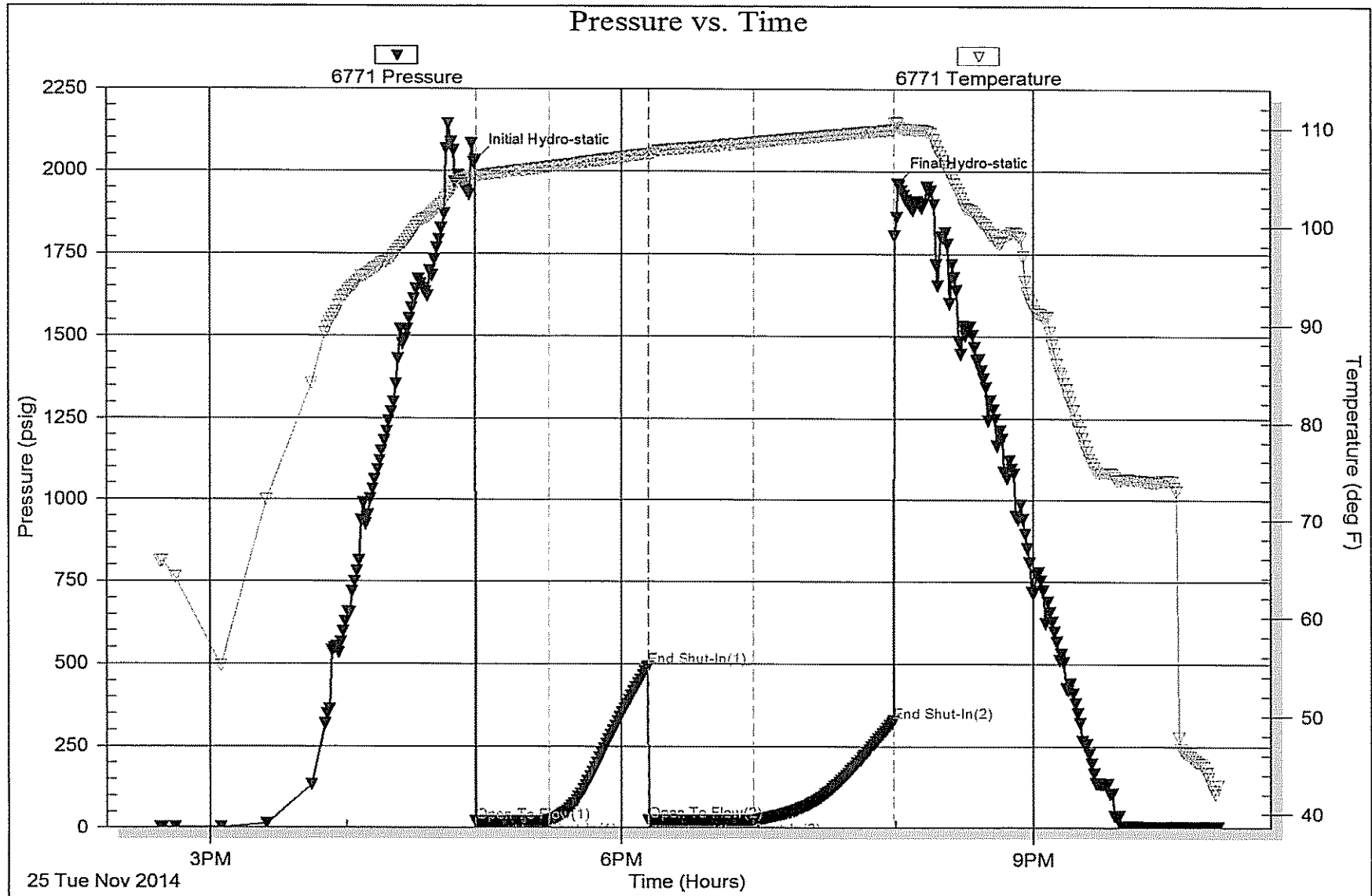
Recovery

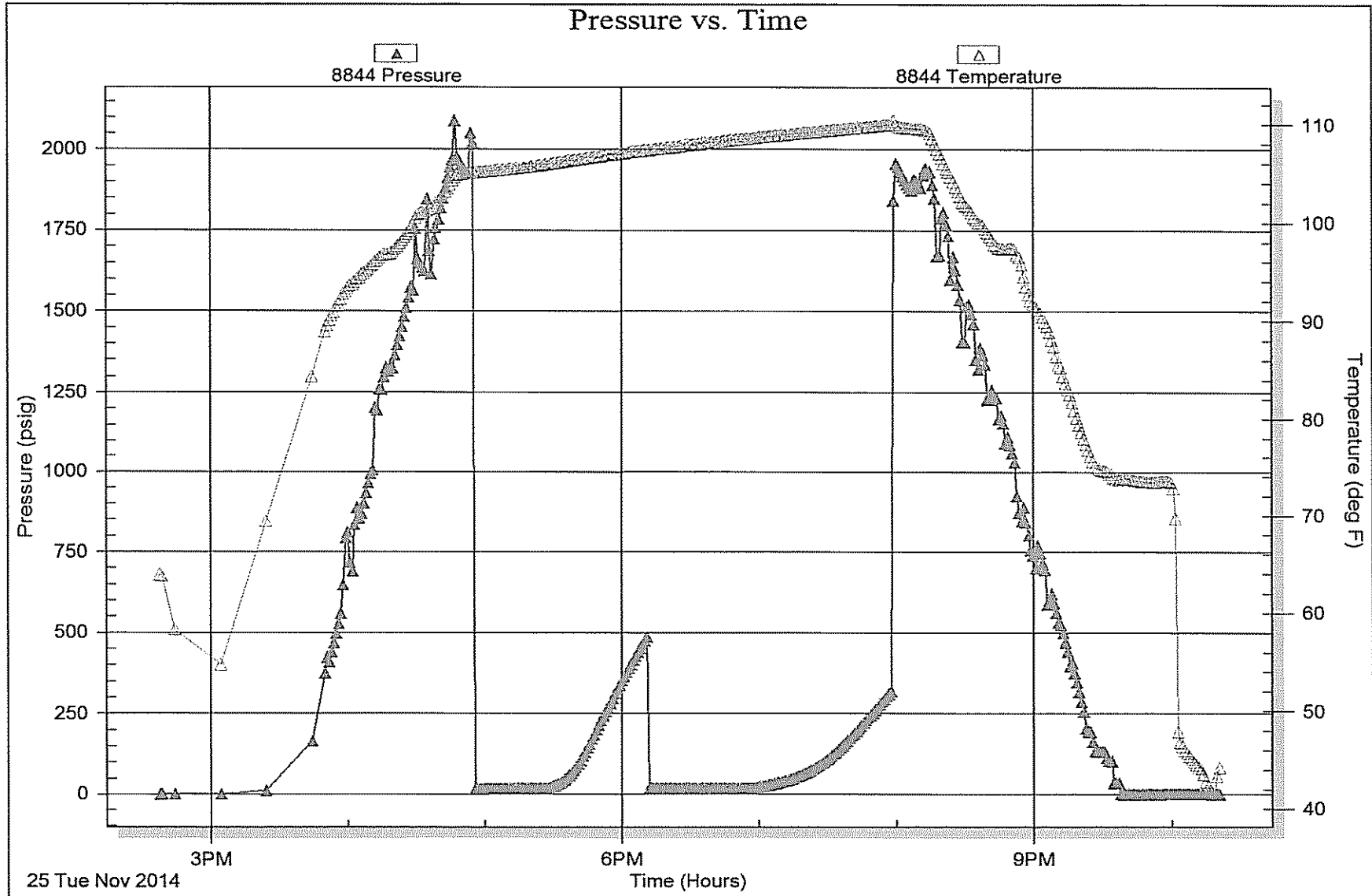
Length (ft)	Description	Volume (bbl)
2.00	mud w/oil spots 100% m	0.01

* Recovery from multiple tests

Gas Rates

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







**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Co

34 14s 32w Logan, Ks

301 S Market St.
Wichita, Ks 67202

Krebs A # 5-34

Job Ticket: 59711

DST#: 5

ATTN: Steve Davis

Test Start: 2014.11.26 @ 10:30:50

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 13:06:50

Time Test Ended: 18:55:05

Test Type: Conventional Bottom Hole (Reset)

Tester: Shane McBride

Unit No: 55

Interval: 4197.00 ft (KB) To 4246.00 ft (KB) (TVD)

Reference Elevations: 2656.00 ft (KB)

Total Depth: 4246.00 ft (KB) (TVD)

2644.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 12.00 ft

Serial #: 6771

Inside

Press@RunDepth: 38.71 psig @ 4198.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.11.26

End Date:

2014.11.26

Last Calib.: 2014.11.26

Start Time: 10:30:50

End Time:

18:32:05

Time On Btm: 2014.11.26 @ 13:06:35

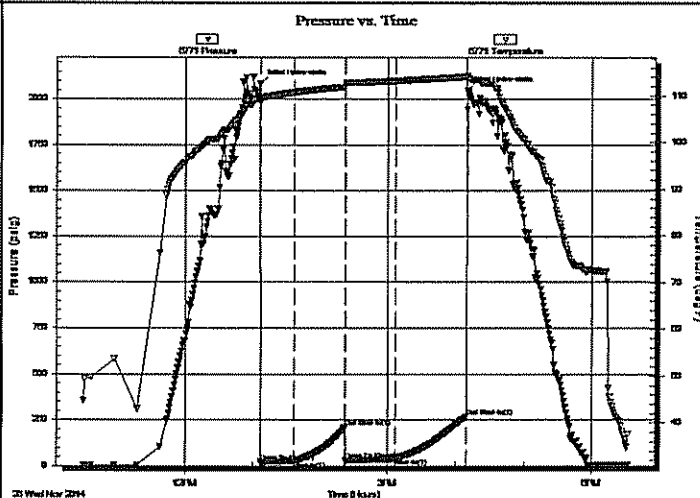
Time Off Btm: 2014.11.26 @ 16:10:35

TEST COMMENT: 1/4" in @ open died in 23 min.

No return

Very weak surface blow died in 6 min.

No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2083.55	109.33	Initial Hydro-static
1	19.80	108.47	Open To Flow (1)
31	27.87	110.75	Shut-In(1)
76	206.98	111.88	End Shut-In(1)
76	28.44	112.40	Open To Flow (2)
120	38.71	113.20	Shut-In(2)
183	266.60	114.06	End Shut-In(2)
184	2050.27	113.91	Final Hydro-static

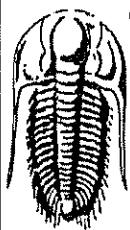
Recovery

Length (ft)	Description	Volume (bbl)
10.00	o c m 35% o 65% m	0.05
0.00	50' GIP? very faint odor	0.00
0.00	show of free oil in tool	0.00

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas Co

34 14s 32w Logan, Ks

301 S Market St.
Wichita, Ks 67202

Krebs A # 5-34

Job Ticket: 59711

DST#: 5

ATTN: Steve Davis

Test Start: 2014.11.26 @ 10:30:50

GENERAL INFORMATION:

Formation: Johnson
Deviated: No Whipstock: 0.00 ft (KB)
Time Tool Opened: 13:06:50
Time Test Ended: 18:55:05

Test Type: Conventional Bottom Hole (Reset)
Tester: Shane McBride
Unit No: 55

Interval: 4197.00 ft (KB) To 4246.00 ft (KB) (TVD)

Reference Elevations: 2656.00 ft (KB)
2644.00 ft (CF)

Total Depth: 4246.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 12.00 ft

Serial #: 8844

Outside

Press@RunDepth: psig @ 4198.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.11.26 End Date: 2014.11.26

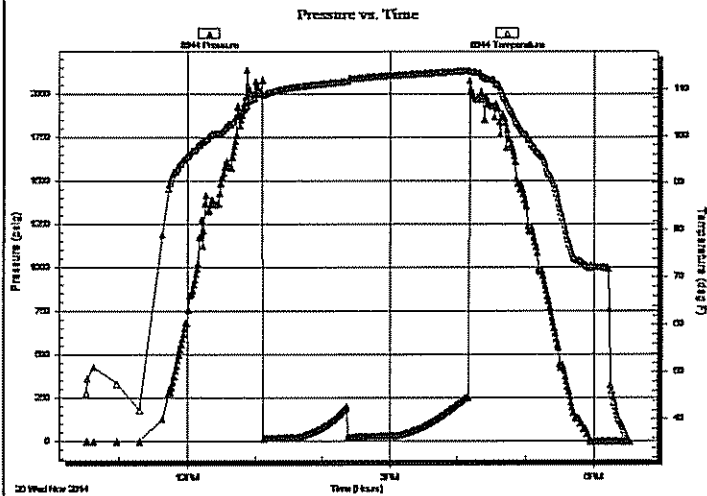
Last Calib.: 2014.11.26

Start Time: 10:31:11 End Time: 18:32:11

Time On Btm:

Time Off Btm:

TEST COMMENT: 1/4" in @ open died in 23 min.
No return
Very weak surface blow died in 6 min.
No return



PRESSURE SUMMARY

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

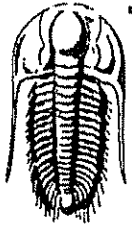
Recovery

Length (ft)	Description	Volume (bbl)
10.00	o c m 35%o 65% m	0.05
0.00	50' GIP ? very faint odor	0.00
0.00	show of free oil in tool	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 Co

34 14s 32w Logan, Ks

301 S Market St.
Wichita, Ks 67202

Krebs A # 5-34

Job Ticket: 59711

DST#: 5

ATTN: Steve Davis

Test Start: 2014.11.26 @ 10:30:50

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
10.00	o c m 35%o 65%m	0.049
0.00	50' GIP ? very faint odor	0.000
0.00	show of free oil in tool	0.000

Total Length: 10.00 ft

Total Volume: 0.049 bbf

Num Fluid Samples: 0

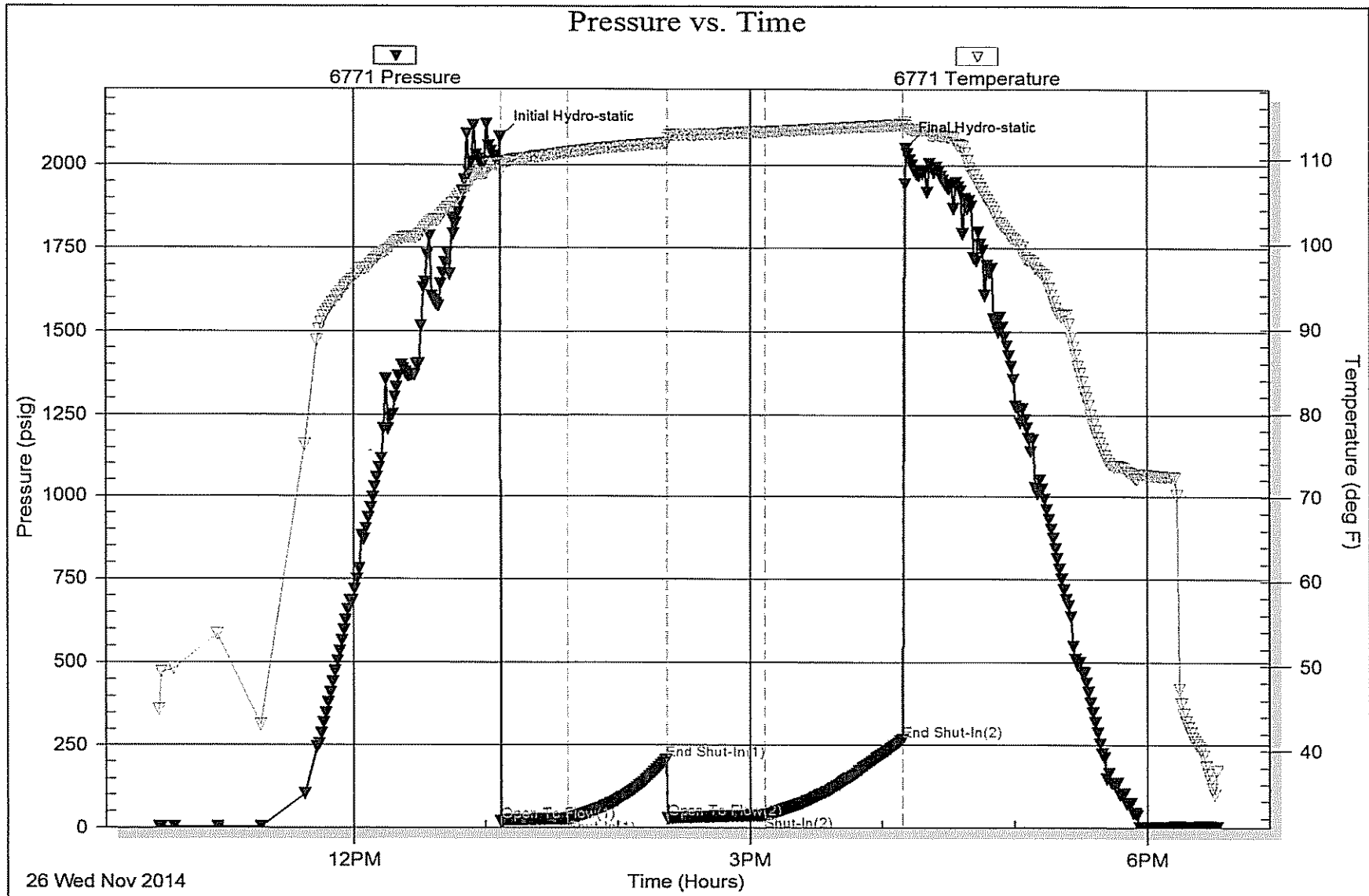
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

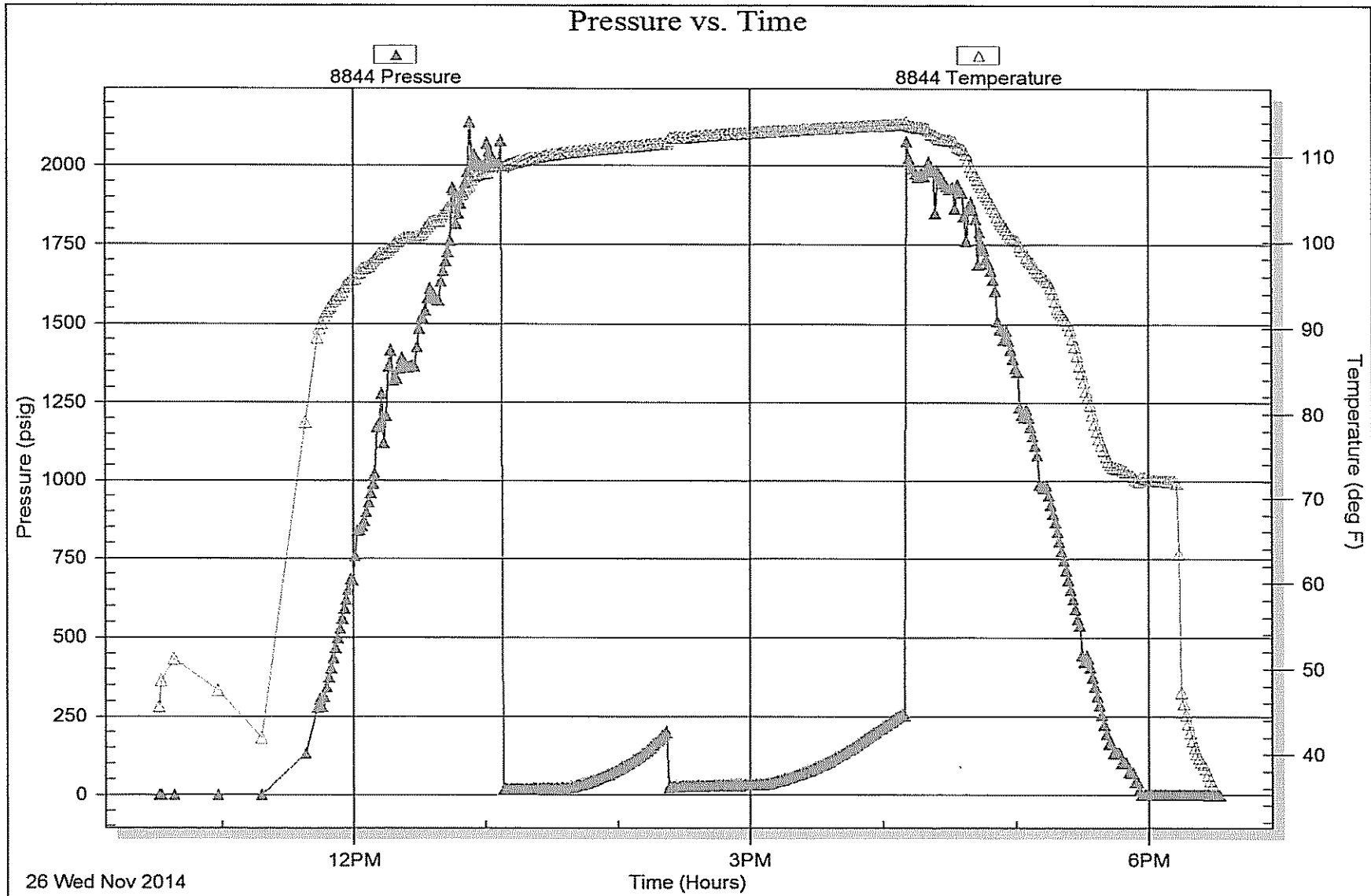


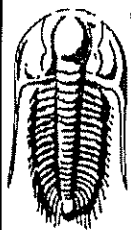
Serial #: 8844

Outside Lario Oil & Gas Co

Krebs A # 5-34

DST Test Number: 5





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Co

34 14s 32w Logan, Ks

301 S Market St.
Wichita, Ks 67202

Krebs A # 5-34

Job Ticket: 59712

DST#: 6

ATTN: Steve Davis

Test Start: 2014.11.27 @ 04:30:52

GENERAL INFORMATION:

Formation: Basal Penn Sand

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 07:27:07

Time Test Ended: 14:55:22

Test Type: Conventional Bottom Hole (Reset)

Tester: Shane McBride

Unit No: 55

Interval: 4241.00 ft (KB) To 4300.00 ft (KB) (TVD)

Reference Elevations: 2656.00 ft (KB)

Total Depth: 4300.00 ft (KB) (TVD)

2644.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 12.00 ft

Serial #: 6771

Inside

Press@RunDepth: 616.11 psig @ 4242.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.11.27

End Date:

2014.11.27

Last Calib.: 2014.11.27

Start Time: 04:30:52

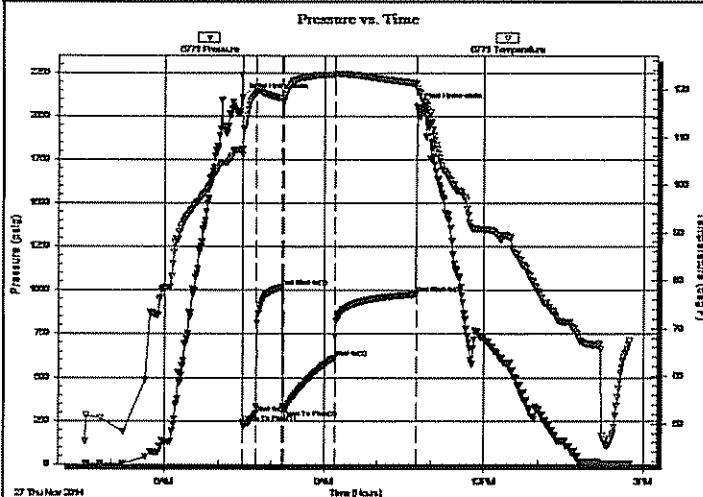
End Time:

14:44:22

Time On Btm: 2014.11.27 @ 07:26:52

Time Off Btm: 2014.11.27 @ 10:44:52

TEST COMMENT: B.O.B. in 2 1/2 min.
Bled off for 8 min. back to B.O.B. in 7 min.
B.O.B. @ open
Bled off for 10 min. back to B.O.B. in 7 min. (G.T.S. 24 min into shutin)



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2110.24	107.39	Initial Hydro-static
1	237.76	106.16	Open To Flow (1)
16	291.48	119.22	Shut-In(1)
45	1018.20	118.11	End Shut-In(1)
47	315.82	117.42	Open To Flow (2)
106	616.11	123.05	Shut-In(2)
197	978.96	121.25	End Shut-In(2)
198	2052.85	120.18	Final Hydro-static

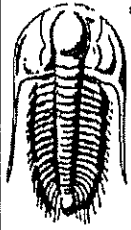
Recovery

Length (ft)	Description	Volume (bbl)
125.00	g m c o 40g 25m 35o	0.61
186.00	s m c g o 40g 15m 45o	1.47
1331.00	c g o 35g 65o	18.67

* Recovery from multiple tests

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas Co

34 14s 32w Logan, Ks

301 S Market St.
Wichita, Ks 67202

Krebs A # 5-34

Job Ticket: 59712

DST#: 6

ATTN: Steve Davis

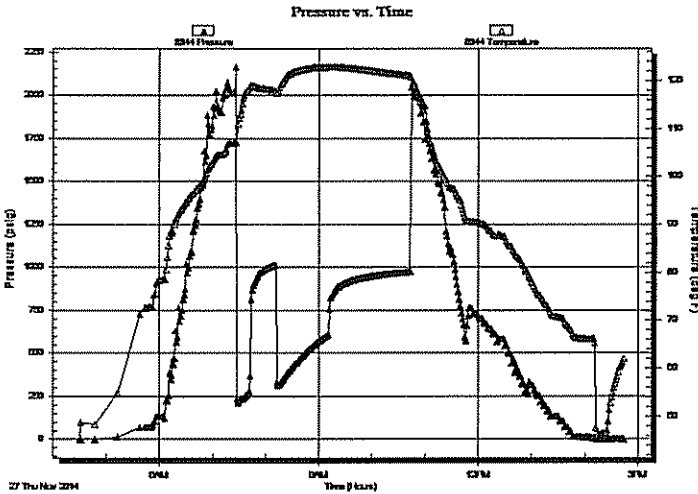
Test Start: 2014.11.27 @ 04:30:52

GENERAL INFORMATION:

Formation: **Basal Penn Sand**
 Deviated: **No Whipstock: 0.00 ft (KB)**
 Test Type: **Conventional Bottom Hole (Reset)**
 Time Tool Opened: **07:27:07**
 Tester: **Shane McBride**
 Time Test Ended: **14:55:22**
 Unit No: **55**
 Interval: **4241.00 ft (KB) To 4300.00 ft (KB) (TVD)**
 Reference Elevations: **2656.00 ft (KB)**
2644.00 ft (CF)
 Total Depth: **4300.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**
 KB to GR/CF: **12.00 ft**

Serial #: 8844 Outside
 Press@RunDepth: **psig @ 4242.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2014.11.27** End Date: **2014.11.27** Last Calib.: **2014.11.27**
 Start Time: **04:30:54** End Time: **14:44:24** Time On Btm:
 Time Off Btm:

TEST COMMENT: B.O.B. in 2 1/2 min.
 Bled off for 8 min. back to B.O.B. in 7 min.
 B.O.B. @ open
 Bled off for 10 min. back to B.O.B. in 7 min. (G.T.S. 24 min into shutin)



PRESSURE SUMMARY

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

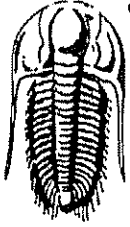
Recovery

Length (ft)	Description	Volume (bbl)
125.00	g m c o 40g 25m 35o	0.61
186.00	s m c g o 40g 15m 45o	1.47
1331.00	c g o 35g 65o	18.67

* 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
301 S Market St.
Wichita, Ks 67202
ATTN: Steve Davis

34 14s 32w Logan, Ks
Krebs A # 5-34
Job Ticket: 59712 DST#: 6
Test Start: 2014.11.27 @ 04:30:52

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	31 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.20 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2400.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

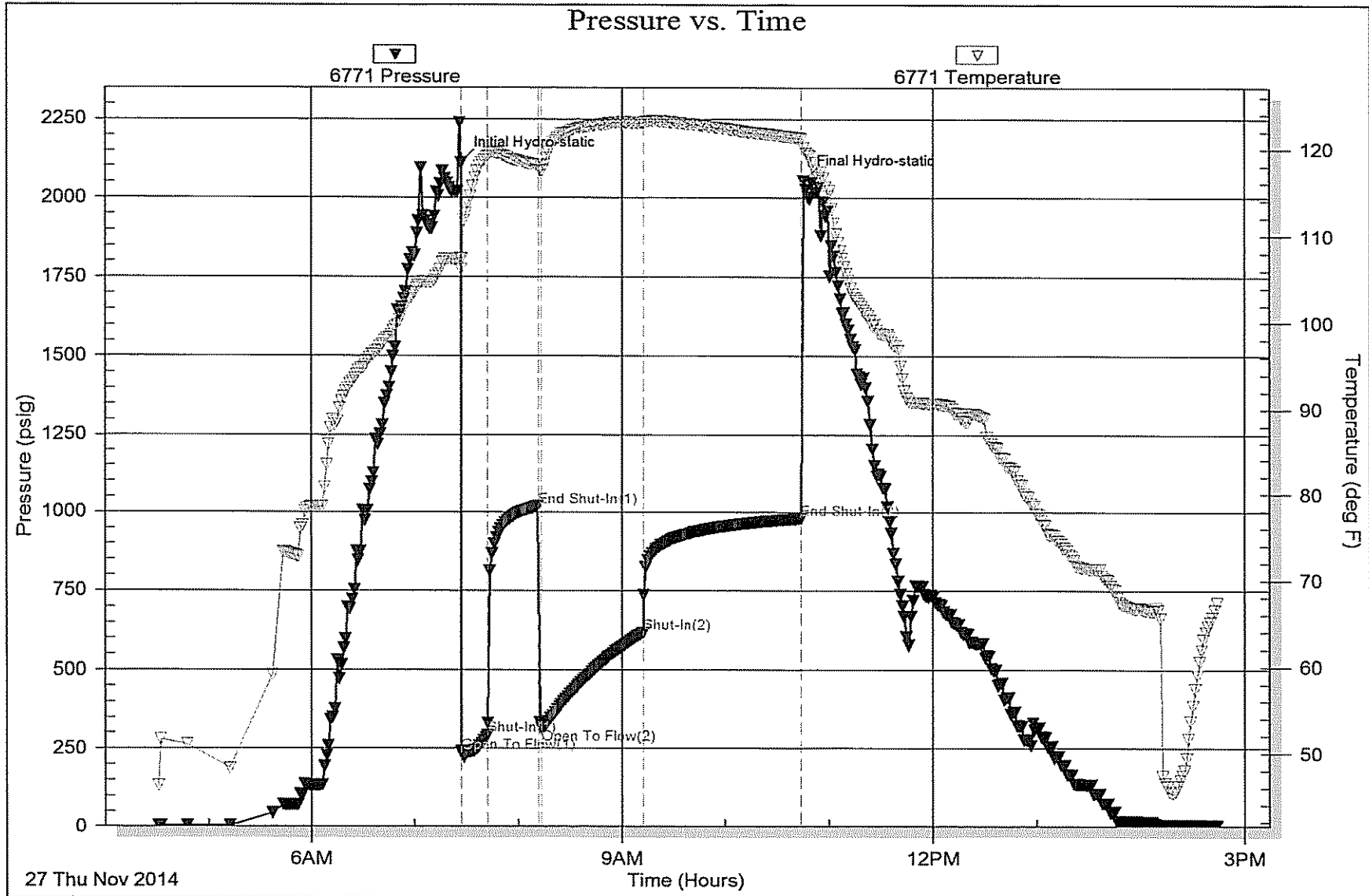
Length ft	Description	Volume bbl
125.00	g m c o 40g 25m 35o	0.615
186.00	s m c g o 40g 15m 45o	1.470
1331.00	c g o 35g 65o	18.670

Total Length: 1642.00 ft Total Volume: 20.755 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:



Serial #: 8844

Outside Lario Oil & Gas Co

Krebs A # 5-34

DST Test Number: 6

