



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1099504
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: _____



1099504

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
--	---

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
---	--

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> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Hullet A 1-6
Doc ID	1099504

Tops

Name	Top	Datum
Heebner	3939	-975
Lansing	3985	-1021
Stark Shale	4210	-1246
Hushpuckney	4243	-1279
Base KC	4278	-1314
Mamaton	4334	-1370
Pawnee	4413	-1449
Ft. Scott	4438	-1474
Johnson	4534	-1570
Basal Penn	4562	-1598
Mi8ssissippian	4576	-1612
Spergen	4686	-1722

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

December 14, 2012

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

Re: ACO1
API 15-063-22043-00-00
Hullet A 1-6
NW/4 Sec.06-13S-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



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 # 254121

Invoice Date: 10/30/2012 Terms: 15/15/30,n/30

Page 1

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

HULLET A 1-6
37272
6-13-31
10-29-2012
KS

Drilling
AFE-12-287
CK 11/1/12

Part Number	Description	Qty	Unit Price	Total
1104S	CLASS "A" CEMENT (SALE)	165.00	17.6500	2912.25
1102	CALCIUM CHLORIDE (50#)	465.00	.8900	413.85
1118B	PREMIUM GEL / BENTONITE	310.00	.2500	77.50

Sublet Performed	Description	Total
9996-130	CEMENT MATERIAL DISCOUNT	-510.54
9995-130	CEMENT EQUIPMENT DISCOUNT	-231.75

Description	Hours	Unit Price	Total
463 CEMENT PUMP (SURFACE)	1.00	1085.00	1085.00
463 EQUIPMENT MILEAGE (ONE WAY)	10.00	5.00	50.00
693 MIN. BULK DELIVERY	1.00	410.00	410.00

Surfing *BEP* *re*
NOV 6 2012
JS

Amount Due 5222.59 if paid after 11/29/2012

Parts:	3403.60	Freight:	.00	Tax:	232.89	AR	4439.20
Labor:	.00	Misc:	.00	Total:	4439.20		
Sublt:	-742.29	Supplies:	.00	Change:	.00		

Signed _____ Date _____



CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 37272
LOCATION Oakley KS
FOREMAN Mitshaw

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

FIELD TICKET & TREATMENT REPORT
CEMENT

KS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-29-14	4793	Hullett #1-6	6	135	31W	Gove
CUSTOMER Lario Oil & Gas			TRUCK # DRIVER TRUCK # DRIVER			
MAILING ADDRESS			403 Cory D			
CITY STATE ZIP CODE			693 M. H. M			

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 270 CASING SIZE & WEIGHT 8 5/8" 23#
 CASING DEPTH 273' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.8 SLURRY VOL 1.36 WATER gal/sk _____ CEMENT LEFT in CASING 20'
 DISPLACEMENT 15% DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety Meeting and rig up on Martin drilling #2 Circulate casing mix 165 SWS Common with 38 calcium + 28 gel displace 15% bbls water shut in cement did Circulate cement to cellar only

Thanks Mita & crew

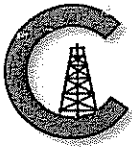
ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5405	1	PUMP CHARGE	1085. ⁰⁰	1085. ⁰⁰
5406	10	MILEAGE	5. ⁰⁰	50. ⁰⁰
5407	7.76 TONS	Ton Mileage delivery	410. ⁰⁰	410. ⁰⁰
11045	165 SWS	Common Class A Cement	17.65	2912.25
1102	465 #	Calcium Chloride	.89	413.55
1118B	310 #	Bentonite gel	.25	77.50
			Subtotal	4949.60
			15% discount	742.29
			Subtotal	4207.31
			SALES TAX	232.89
			ESTIMATED TOTAL	4439.20

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AUTHORIZATION Rolent W. Mickelson 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.

254121



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 # 254286

Invoice Date: 11/12/2012 Terms: 15/15/30,n/30 Page 1

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

HULLET A 1-6
37277
6-13-31
11-09-2012
KS

Drilling
AFE 12-287
CK 1115112

Part Number	Description	Qty	Unit Price	Total
1126	OIL WELL CEMENT	170.00	22.5500	3833.50
1131	60/40 POZ MIX	525.00	15.1000	7927.50
1110A	KOL SEAL (50# BAG)	850.00	.5600	476.00
1118B	PREMIUM GEL / BENTONITE	3612.00	.2500	903.00
1107	FLO-SEAL (25#)	131.00	2.8200	369.42
1144G	MUD FLUSH (SALE)	500.00	1.0000	500.00
4159	FLOAT SHOE AFU 5 1/2"	1.00	413.0000	413.00
4104	CEMENT BASKET 5 1/2"	1.00	276.0000	276.00
4130	CENTRALIZER 5 1/2"	11.00	58.0000	638.00
4283	DV TOOL W/ LATCH DOWN	1.00	4800.0000	4800.00

Sublet Performed	Description	Total
9996-130	CEMENT MATERIAL DISCOUNT	-3020.46
9995-130	CEMENT EQUIPMENT DISCOUNT	-539.16

Description	Hours	Unit Price	Total
T-118 SINGLE PUMP	1.00	3020.00	3020.00
T-118 EQUIPMENT MILEAGE (ONE WAY)	10.00	5.00	50.00
T-127 TON MILEAGE DELIVERY	1.00	262.20	262.20
566 TON MILEAGE DELIVERY	1.00	262.20	262.20

Prod Log Cont

all

OK

all

se

NOV 19

Amount Due 25351.81 if paid after 12/12/2012

=====
Parts: 20136.42 Freight: .00 Tax: 1377.84 AR 21549.04
Labor: .00 Misc: .00 Total: 21549.04
Sublt: -3559.62 Supplies: .00 Change: .00
=====

Signed _____ Date _____



CONSOLIDATED
Oil Well Services, LLC

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

FIELD TICKET & TREATMENT REPORT
CEMENT

TICKET NUMBER 37277
LOCATION Oakley, KS
FOREMAN Mike Shaw
Walt Dinkel

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-9-12	4793	Hullet A #1-6	6	135	31W	Gove
CUSTOMER <u>Lario Oil & Gas</u>						
MAILING ADDRESS						
CITY			TRUCK #	DRIVER	TRUCK #	DRIVER
			456718	Jerry Y		
			38727	Tim W		
			566	Mike M		

JOB TYPE 2 Stage HOLE SIZE 7 7/8 HOLE DEPTH 4750 CASING SIZE & WEIGHT 5 1/2" 14.4
CASING DEPTH 4721.33 DRILL PIPE _____ TUBING _____ OTHER DUTool @ 249115
SLURRY WEIGHT 114.5/100 SLURRY VOL 1.42/1.89 WATER gal/sk _____ CEMENT LEFT in CASING 22.51
DISPLACEMENT 114.5/100 DISPLACEMENT PSI 800 MIX PSI 1500 RATE _____

REMARKS: Safety meeting and rig up on Martin #2. Float equipment Centralize @ 1, 4, 7, 10, 13, 16, 19, 22, 26, 52, 54. Basket on 53 DUTool on top of 53 @ 249115. Circulate casing 1 1/2 hrs. Pump five hits water 50 gal mud flush 5 bbls water mix 170 sks OWC spon cleared pump and lines released plug displaced 53 bbls water. Col phls mad plug landed 700 psi. Lift 1400 psi landed and held. Dropped bomb tool opened @ 700 psi. Circulated for 3 hrs. Pump 5 bbls water mix 30 sks RH 20 sks MH mix 2/75 SWS 60/40 per 82 gal 1/4 # flo seal down hole displaced 60 bbls water. Plug landed @ 1500 psi with 800 psi. Lift cement did circulate 30 bbls to pit

Thanks Mike & crew

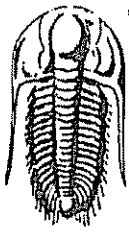
ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401C	1	PUMP CHARGE	3020. ⁰⁰	3020. ⁰⁰
5406	10	MILEAGE	5. ⁰⁰	50. ⁰⁰
5407A	3 1/4 TONS	Ton mileage delivery	1.67	524.40
1126	170 SWS	OWC cement	22.55	3833.50
1131	525 SWS	60/40 per	15.10	7927.50
1110A	850 #	hol seal	1.56	476. ⁰⁰
1118B	3612 #	Bentonite gel	1.25	903. ⁰⁰
1107	131 #	Flo seal	2.82	369.42
1144B	500 gal	Mud flush	1. ⁰⁰	500. ⁰⁰
4159	1	5 1/2" AFU float shoe W	413. ⁰⁰	413. ⁰⁰
4104	1	5 1/2" basket W	276. ⁰⁰	276. ⁰⁰
4130	11	5 1/2" centralizers W	58. ⁰⁰	638. ⁰⁰
4283	1	5 1/2" DUTool with latch down W	4800. ⁰⁰	4800. ⁰⁰
		Subtotal		23730.82
		less 15% discount		3559.62
		Subtotal		20171.20
		SALES TAX		1377.84
		ESTIMATED TOTAL		21549.04

Revin 3737

AUTHORIZATION [Signature] 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

254280



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas

6-13s-31w Gove

301 S Market st
Wichita, KS 67202

Hullet A #1-6

Job Ticket: 49814

DST#: 1

ATTN: Steve Davis

Test Start: 2012.11.02 @ 18:04:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 52.00 sec/qt
Water Loss: 8.78 in³
Resistivity: 0.00 ohm.m
Salinity: 2000.00 ppm
Filter Cake: 1.00 inches

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

Oil API: 28 deg API
Water Salinity: 90000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
500.00	MW 10m 90w	4.891
190.00	GOMCW 5g 5o 20m 70w	2.665
315.00	GOMCW 15g 20o 20m 45w	4.419
160.00	GO 20g 80o	2.244
0.00	120' GIP	0.000

Total Length: 1165.00 ft Total Volume: 14.219 bbl

Num Fluid Samples: 0

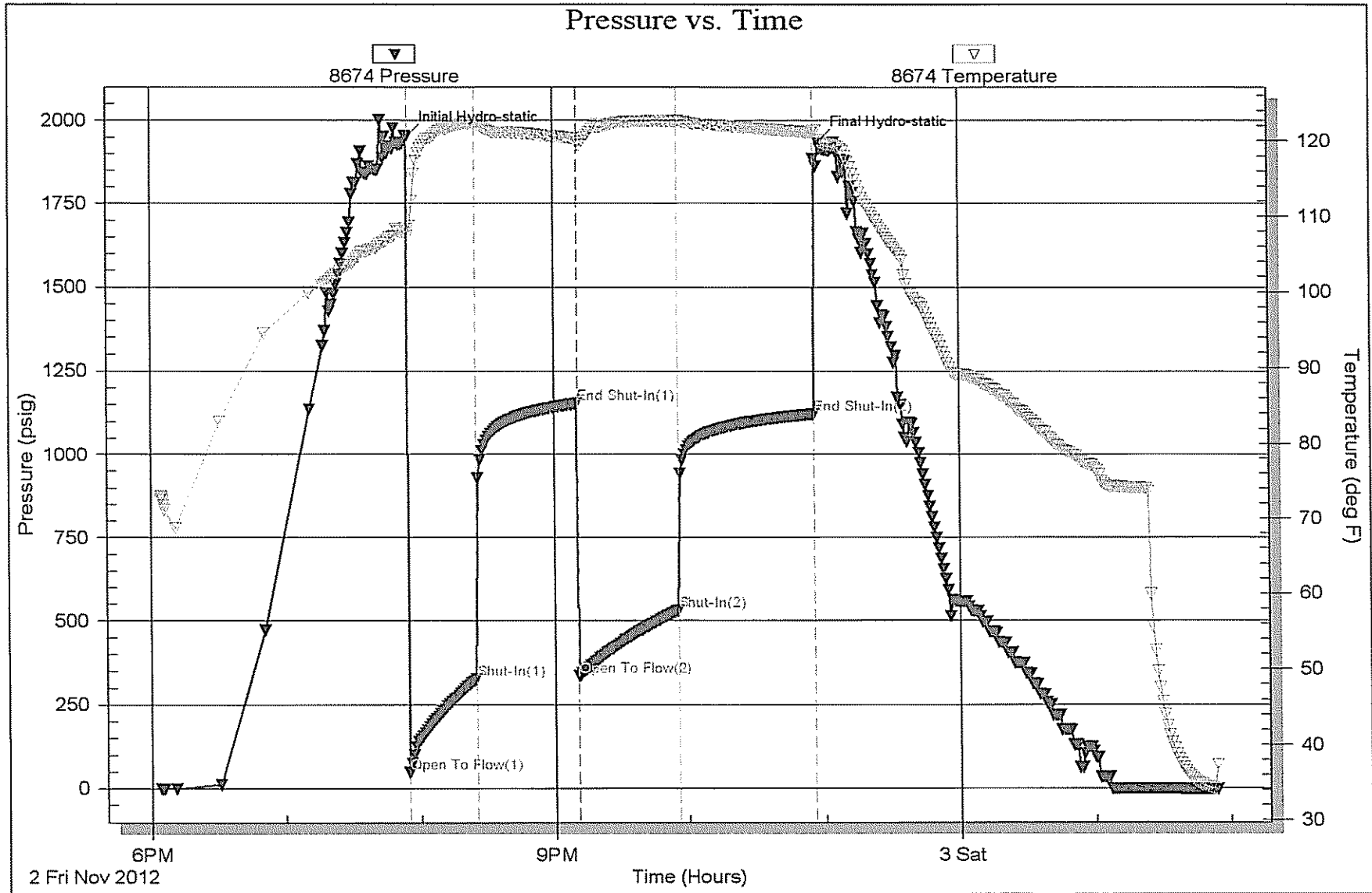
Num Gas Bombs: 0

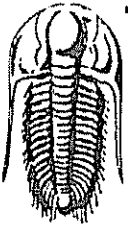
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Oil API: 26 @ 40 degrees= 28 API
API RW .152 @ 37 degrees= 90000 ppm





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas

6-13s-31w Gove

301 S Market st
Wichita, KS 67202

Hullet A #1-6

Job Ticket: 49815

DST#: 2

ATTN: Steve Davis

Test Start: 2012.11.03 @ 11:17:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 55.00 sec/qt
Water Loss: 7.20 in³
Resistivity: 0.00 ohm.m
Salinity: 3500.00 ppm
Filter Cake: 1.00 inches

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

Oil API: 28 deg API
Water Salinity: 80000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
500.00	MW 10m 90w	4.891
120.00	GMCW 10g 20m 70w	1.683
120.00	GOWCM 20g 20o 30w 30m	1.683
290.00	GO 30g 70o	4.068
0.00	200' GIP	0.000

Total Length: 1030.00 ft Total Volume: 12.325 bbl

Num Fluid Samples: 0

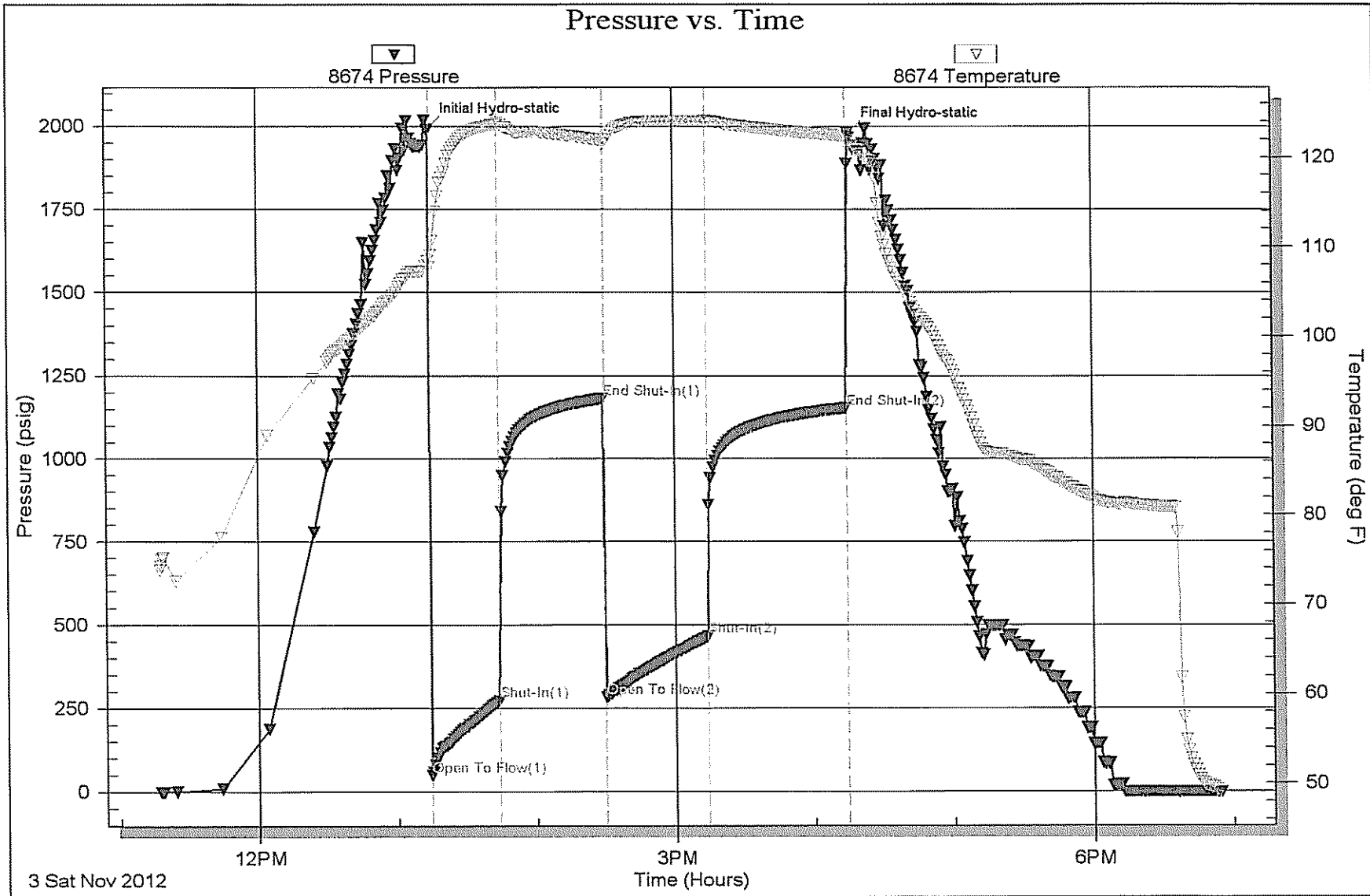
Num Gas Bombs: 0

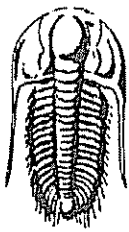
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Oil API: 27 @ 50 degrees= 28 API
API RW: .111 @ 57 degrees= 80000 ppm





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas
 301 S Market st
 Wichita, KS 67202
 ATTN: Steve Davis

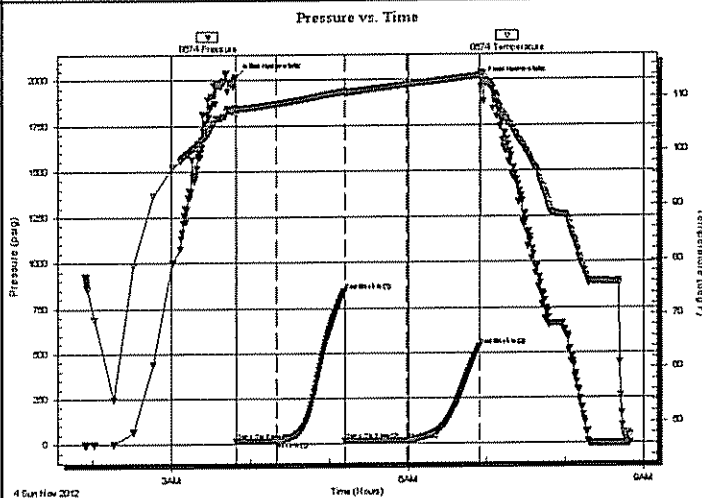
6-13s-31w Gove
Hullet A #1-6
 Job Ticket: 49816 DST#: 3
 Test Start: 2012.11.04 @ 01:54:00

GENERAL INFORMATION:

Formation: **Lansing D**
 Deviated: **No Whipstock** ft (KB)
 Test Type: **Conventional Bottom Hole (Reset)**
 Time Tool Opened: **03:49:15**
 Tester: **Sam Esparza**
 Time Test Ended: **08:49:45**
 Unit No: **58**
 Interval: **4048.00 ft (KB) To 4066.00 ft (KB) (TVD)**
 Reference Elevations: **2964.00 ft (KB)**
2953.00 ft (CF)
 Total Depth: **4066.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **KB to GR/CF: 11.00 ft**

Serial #: 8674 **Inside**
 Press@RunDepth: **17.09 psig @ 4049.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2012.11.04** End Date: **2012.11.04** Last Calib.: **2012.11.04**
 Start Time: **01:54:05** End Time: **08:49:44** Time On Btm: **2012.11.04 @ 03:49:00**
 Time Off Btm: **2012.11.04 @ 06:56:00**

TEST COMMENT: IF: 1/2" blow.
 IS: No return.
 FF: No blow.
 FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2017.25	107.99	Initial Hydro-static
1	16.49	106.60	Open To Flow (1)
31	17.20	108.65	Shut-In(1)
83	844.21	110.87	End Shut-In(1)
84	17.31	110.58	Open To Flow (2)
130	17.09	112.13	Shut-In(2)
186	536.51	113.76	End Shut-In(2)
187	1993.63	114.27	Final Hydro-static

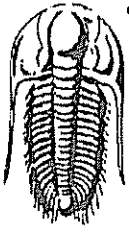
Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100m (Oil Spots)	0.02

* 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

6-13s-31w Gove

301 S Market st
Wichita, KS 67202

Hullet A #1-6

Job Ticket: 49816

DST#: 3

ATTN: Steve Davis

Test Start: 2012.11.04 @ 01:54:00

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: 58.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.20 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 3500.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud 100m (Oil Spots)	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

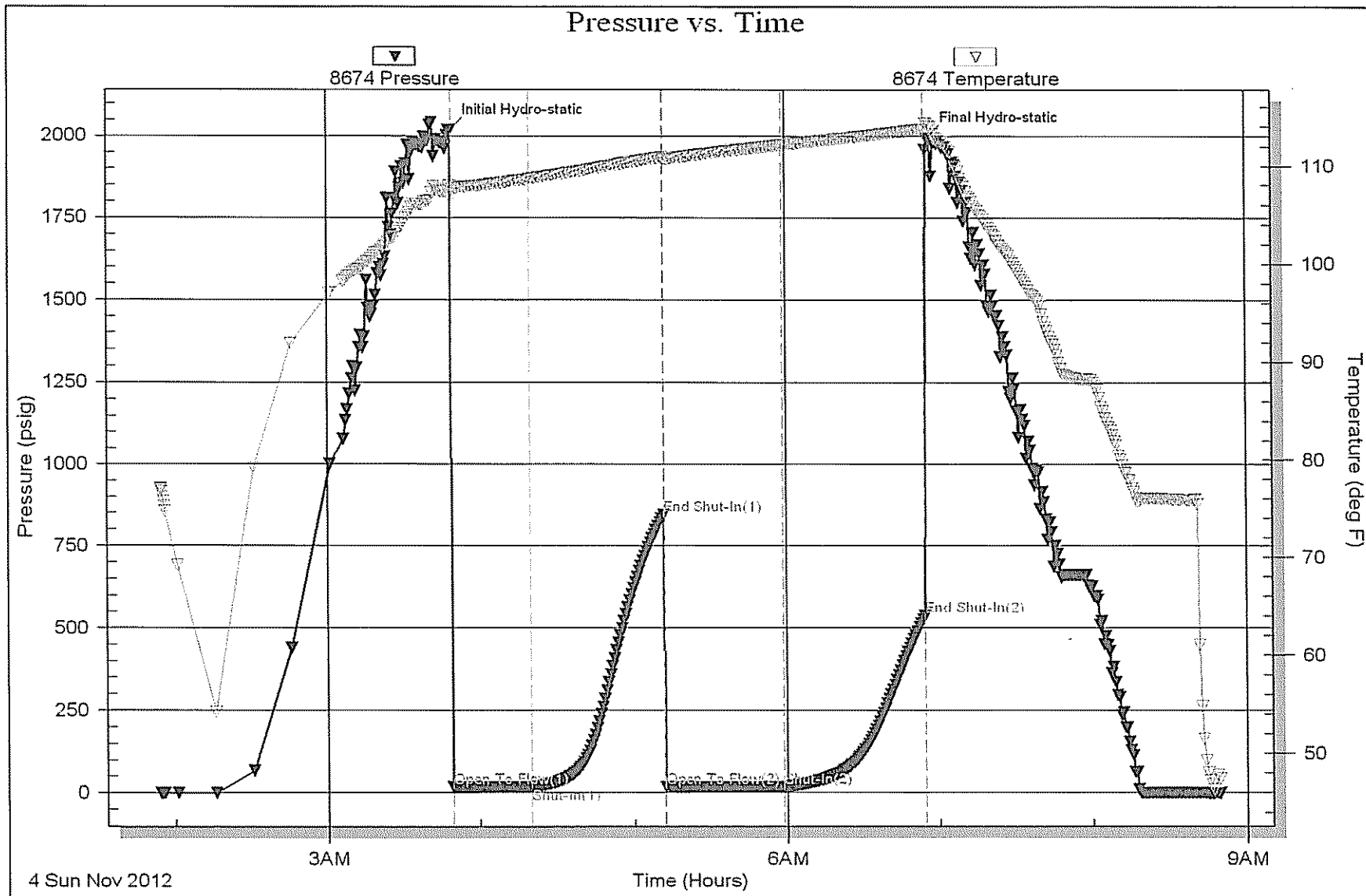
Num Gas Bombs: 0

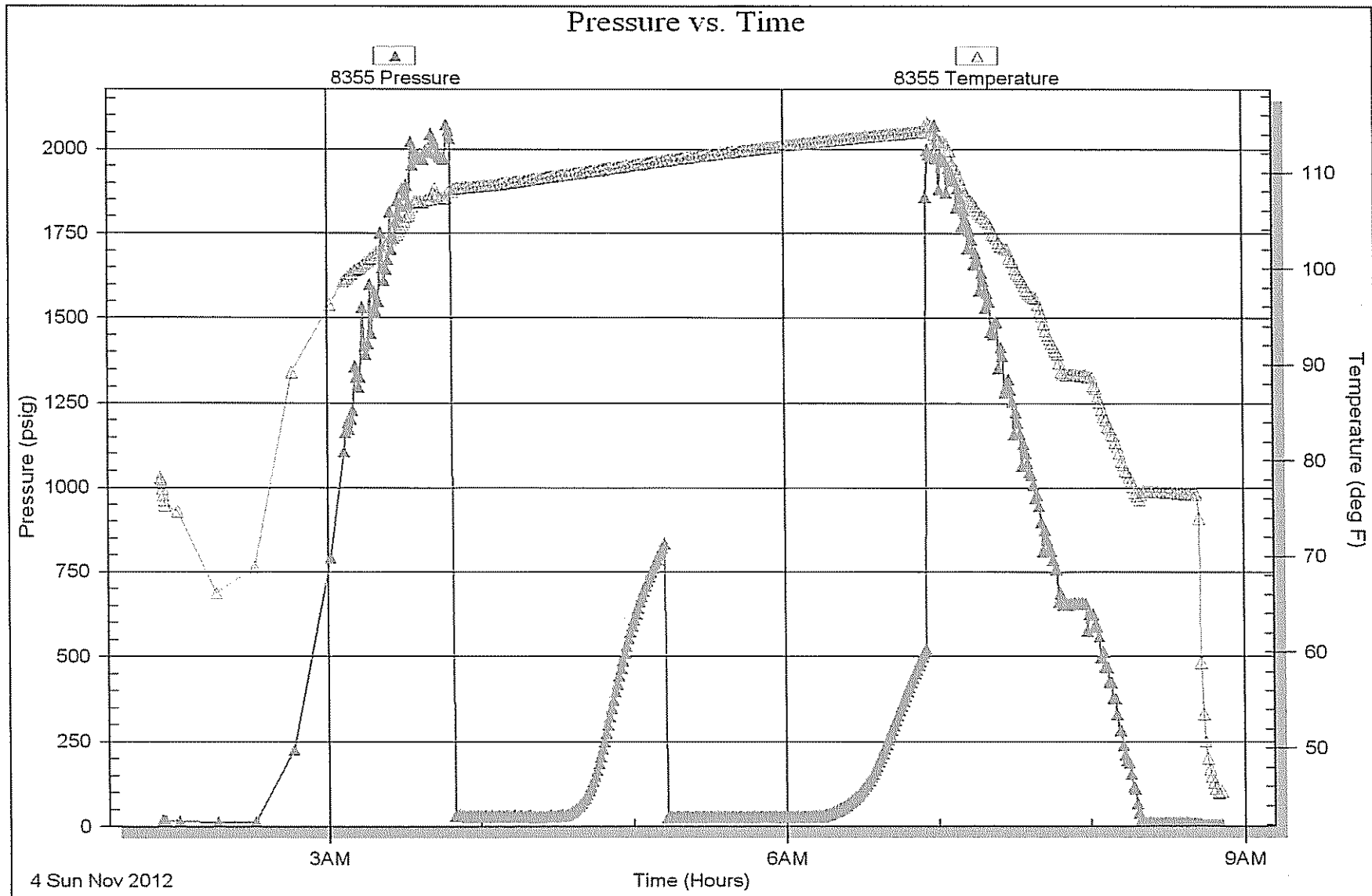
Serial #:

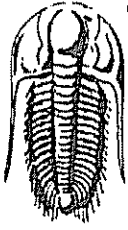
Laboratory Name:

Laboratory Location:

Recovery Comments:







**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas
301 S Market st
Wichita, KS 67202
ATTN: Steve Davis

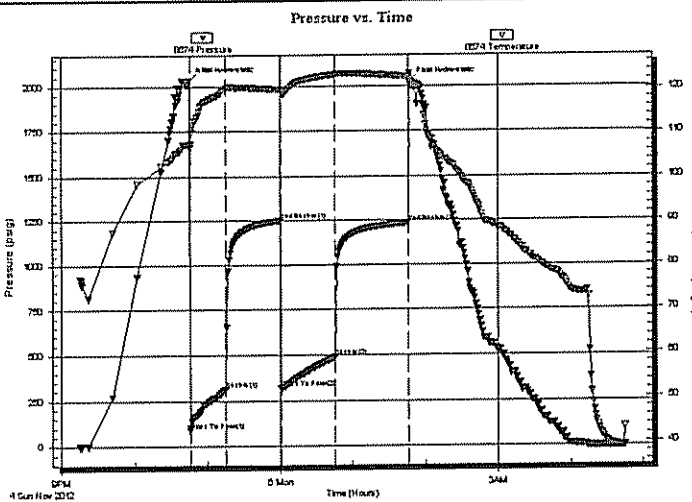
6-13s-31w Gove
Hullet A #1-6
Job Ticket: 49817 DST#: 4
Test Start: 2012.11.04 @ 21:15:00

GENERAL INFORMATION:

Formation: **Lansing H, I**
Deviated: **No Whipstock** ft (KB)
Time Tool Opened: **22:45:15**
Time Test Ended: **04:44:45**
Interval: **4119.00 ft (KB) To 4176.00 ft (KB) (TVD)**
Total Depth: **4176.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition:
Test Type: **Conventional Bottom Hole (Reset)**
Tester: **Sam Esparza**
Unit No: **58**
Reference Elevations: **2964.00 ft (KB)**
2953.00 ft (CF)
KB to GR/CF: **11.00 ft**

Serial #: 8674 **Inside**
Press@RunDepth: **490.47 psig @ 4120.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2012.11.04** End Date: **2012.11.05** Last Calib.: **2012.11.05**
Start Time: **21:15:05** End Time: **04:44:44** Time On Btm: **2012.11.04 @ 22:45:00**
Time Off Btm: **2012.11.05 @ 01:47:00**

TEST COMMENT: IF: BOB @ 2 min.
IS: BOB Return @ 18 min.
FF: BOB immediately.
FS: BOB Return @ 12 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2028.73	107.35	Initial Hydro-static
1	86.17	106.52	Open To Flow (1)
31	310.73	119.85	Shut-In(1)
76	1250.73	119.61	End Shut-In(1)
76	319.91	119.14	Open To Flow (2)
121	490.47	122.99	Shut-In(2)
181	1236.02	122.45	End Shut-In(2)
182	2021.11	121.86	Final Hydro-static

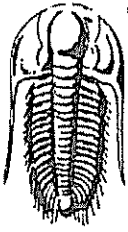
Recovery

Length (ft)	Description	Volume (bbl)
250.00	GOWCM 10g 20o 20w 50m	1.38
440.00	GMCO 20m 40g 40o	6.17
550.00	GO 60g 40o	7.72
0.00	1200' 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

6-13s-31w Gove

301 S Market st
Wichita, KS 67202

Hullet A #1-6

Job Ticket: 49817

DST#: 4

ATTN: Steve Davis

Test Start: 2012.11.04 @ 21:15:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 59.00 sec/qt
Water Loss: 7.60 in³
Resistivity: 0.00 ohm.m
Salinity: 3800.00 ppm
Filter Cake: 1.00 inches

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

Oil API: 38 deg API
Water Salinity: 65000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
250.00	GOWCM 10g 20o 20w 50m	1.384
440.00	GMCO 20m 40g 40o	6.172
550.00	GO 60g 40o	7.715
0.00	1200' GIP	0.000

Total Length: 1240.00 ft Total Volume: 15.271 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

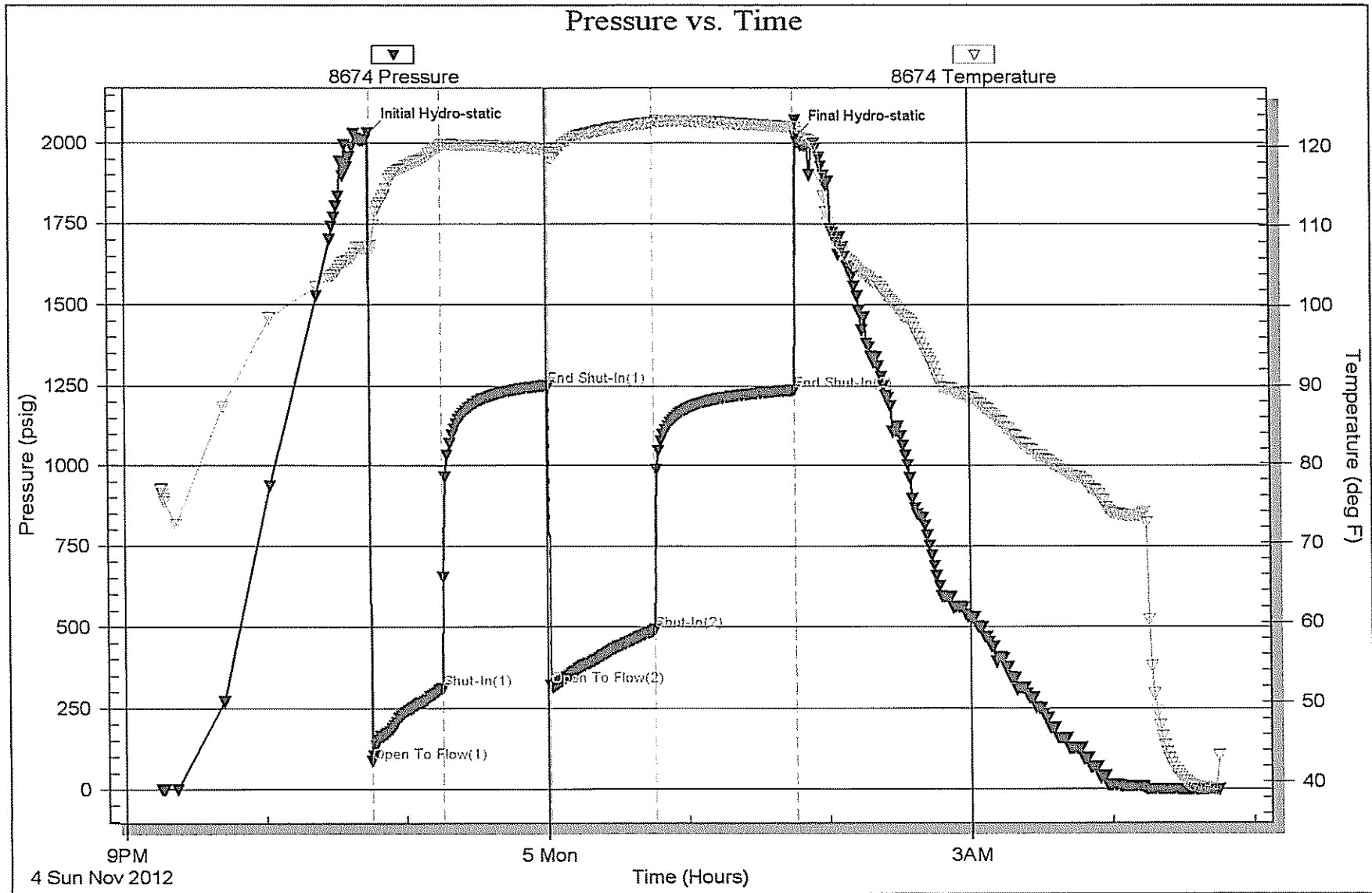
Serial #:

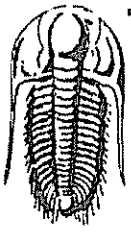
Laboratory Name:

Laboratory Location:

Recovery Comments: Oil API: 36 @ 40 degrees= 38 API

API RW: .172 @ 45degrees= 65000 ppm





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas

6-13s-31w Gove

301 S Market st
Wichita, KS 67202

Hullet A #1-6

Job Ticket: 49818

DST#: 5

ATTN: Steve Davis

Test Start: 2012.11.05 @ 12:18:00

GENERAL INFORMATION:

Formation: **Lansing J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:03:45

Time Test Ended: 18:56:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Sam Esparza

Unit No: 58

Interval: **4175.00 ft (KB) To 4210.00 ft (KB) (TVD)**

Reference Elevations: 2964.00 ft (KB)

Total Depth: 4210.00 ft (KB) (TVD)

2953.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 11.00 ft

Serial #: **8674** Inside

Press@RunDepth: 169.33 psig @ 4176.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.11.05

End Date:

2012.11.05

Last Calib.: 2012.11.05

Start Time: 12:18:05

End Time:

18:56:29

Time On Btm: 2012.11.05 @ 14:03:30

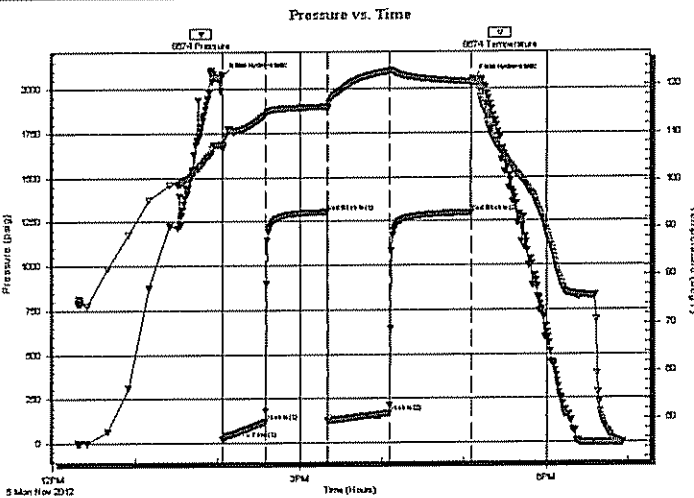
Time Off Btm: 2012.11.05 @ 17:06:15

TEST COMMENT: IF: 6" blow.

IS: No return.

FF: 6 1/4" blow.

FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2073.71	107.68	Initial Hydro-static
1	21.15	106.80	Open To Flow (1)
32	119.67	113.75	Shut-In(1)
77	1304.35	115.53	End Shut-In(1)
77	124.27	115.10	Open To Flow (2)
122	169.33	122.95	Shut-In(2)
182	1296.93	120.64	End Shut-In(2)
183	2053.30	120.58	Final Hydro-static

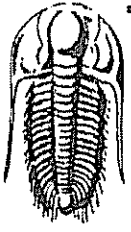
Recovery

Length (ft)	Description	Volume (bbl)
250.00	GOMCW 5g 5o 80w 10m	1.38
99.00	GOWCM 10g 10o 20w 60m	1.39
1.00	Oil 100o	0.01
0.00	120' 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

6-13s-31w Gove

301 S Market st
Wichita, KS 67202

Hullet A #1-6

Job Ticket: 49818

DST#: 5

ATTN: Steve Davis

Test Start: 2012.11.05 @ 12:18:00

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:

70000 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.20 in²

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
250.00	GOMCW 5g 5o 80w 10m	1.384
99.00	GOVCM 10g 10o 20w 60m	1.389
1.00	Oil 100o	0.014
0.00	120' GIP	0.000

Total Length: 350.00 ft Total Volume: 2.787 bbf

Num Fluid Samples: 0

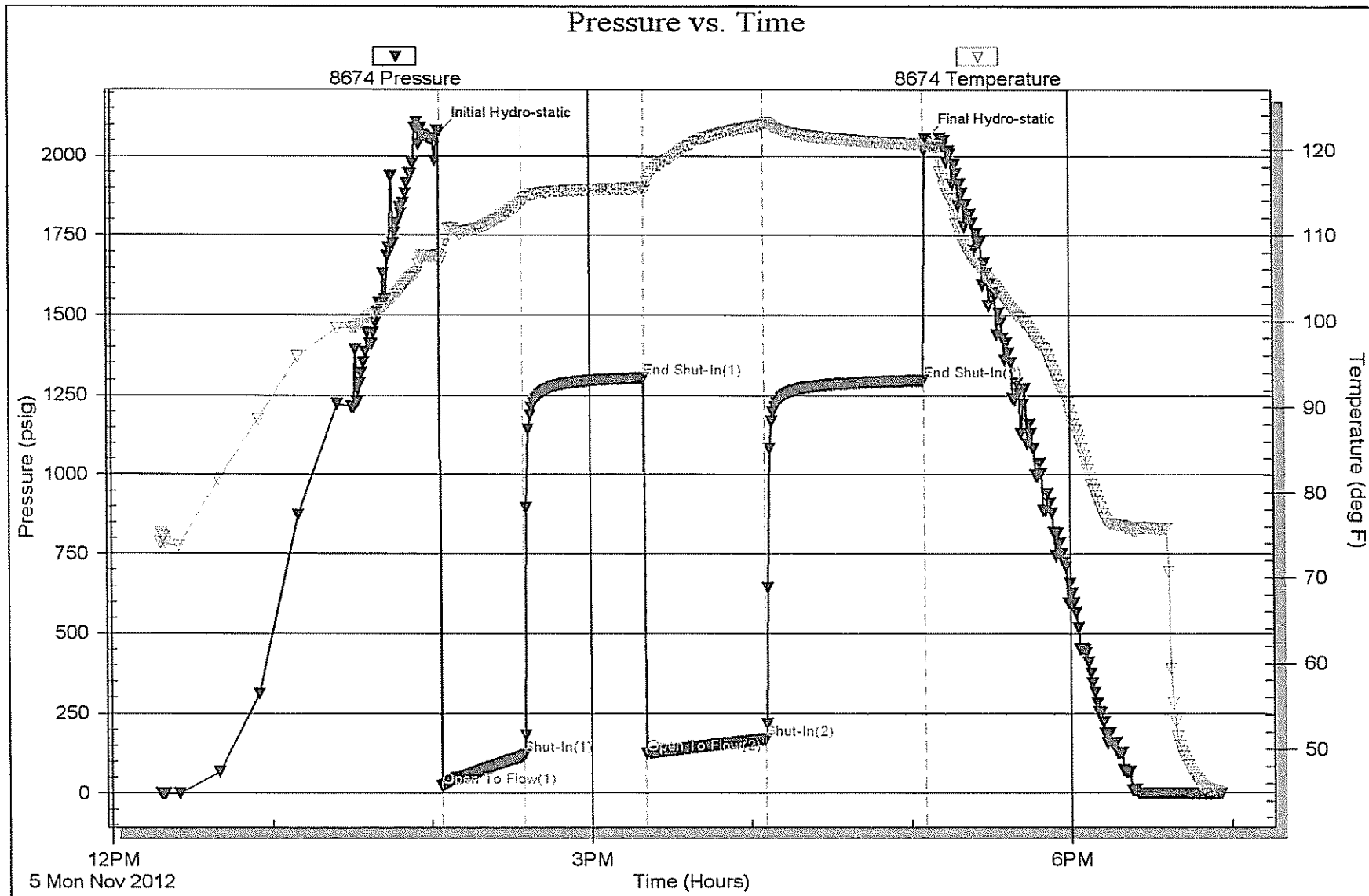
Num Gas Bombs: 0

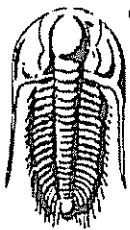
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API RW: .155 @ 49degrees= 70,000 ppm





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Lario Oil & Gas
 301 S Market st
 Wichita, KS 67202
 ATTN: Steve Davis

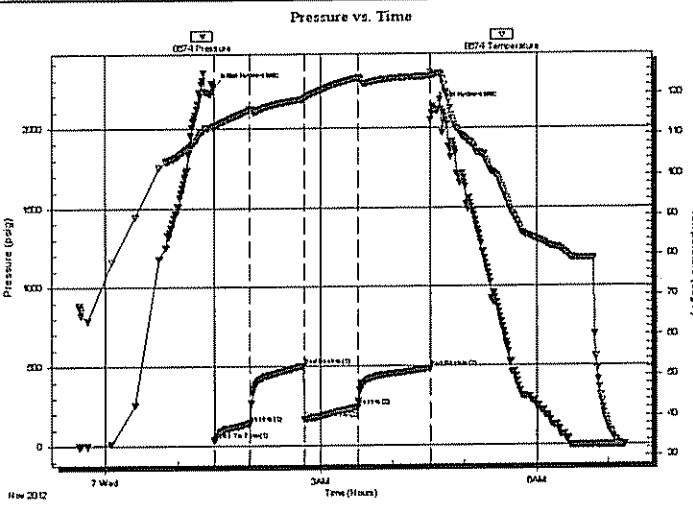
6-13s-31w Gove
Hullet A #1-6
 Job Ticket: 49819 DST#: 6
 Test Start: 2012.11.06 @ 23:38:00

GENERAL INFORMATION:

Formation: **Johnson**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 01:30:30
 Tester: Sam Esparza
 Time Test Ended: 07:14:30
 Unit No: 58
 Interval: 4506.00 ft (KB) To 4547.00 ft (KB) (TVD)
 Reference Elevations: 2964.00 ft (KB)
 Total Depth: 4547.00 ft (KB) (TVD)
 2953.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: KB to GR/CF: 11.00 ft

Serial #: 8674 Inside
 Press@RunDepth: 242.68 psig @ 4507.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.11.06 End Date: 2012.11.07 Last Calib.: 2012.11.07
 Start Time: 23:38:05 End Time: 07:14:29 Time On Btm: 2012.11.07 @ 01:30:15
 Time Off Btm: 2012.11.07 @ 04:33:15

TEST COMMENT: IF: BOB @ 5 1/2 min.
 IS: BOB Return @ 17 min.
 FF: BOB Immediately.
 FSI: BOB Return @ 25 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2261.96	112.07	Initial Hydro-static
1	38.36	111.34	Open To Flow (1)
31	144.42	116.27	Shut-In(1)
76	502.66	118.66	End Shut-In(1)
77	167.22	118.67	Open To Flow (2)
122	242.68	123.85	Shut-In(2)
182	484.70	124.23	End Shut-In(2)
183	2135.97	124.52	Final Hydro-static

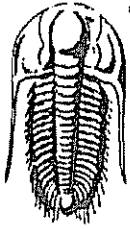
Recovery

Length (ft)	Description	Volume (bbl)
60.00	GMCO 20g 20m 60o	0.30
590.00	GO 20g 80o	6.70
0.00	1160' 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

6-13s-31w Gove

301 S Market st
Wichita, KS 67202

Hullet A #1-6

Job Ticket: 49819

DST#: 6

ATTN: Steve Davis

Test Start: 2012.11.06 @ 23:38:00

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:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbf

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
60.00	GMCO 20g 20m 60o	0.295
590.00	GO 20g 80o	6.700
0.00	1160' GIP	0.000

Total Length: 650.00 ft Total Volume: 6.995 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Oil API: 25 @ 30 degrees= 28

