



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1071857
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: _____

1071857

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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

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

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

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

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

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

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

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

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

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

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

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

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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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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

January 13, 2012

Leon Rodak
Murfin Drilling Co., Inc.
250 N WATER STE 300
WICHITA, KS 67202-1216

Re: ACO1
API 15-051-26224-00-00
Orth 'A' 1-4
SW/4 Sec.04-14S-19W
Ellis 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,
Leon Rodak

MDCI Orth 'A' #1-4 660' FSL 330' FWL Sec. 4-14S-R19W Ellis County, KS 2264' KB	MDCI Orth Unit #1-4 2190 FSL 1400 FWL Sec. 4-T14S-R19W Ellis County, KS 2266' KB
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Formation	Sample top	Datum	Ref	Log Top	Datum	Ref	Log Top	Datum
Anhydrite	1540	+724	+15	1540	+724	+15	1557	+709
B/Anhydrite	1585	+679	+13	1586	+678	+12	1600	+666
Topeka	3280	-1016	+6	3282	-1018	+4	3288	-1022
Heebner	3524	-1260	+2	3527	-1263	-1	3528	-1262
Toronto	3545	-1281	+3	3548	-1284	Flat	3550	-1284
Lansing	3569	-1305	+1	3570	-1306	Flat	3572	-1306
BKC	3811	-1547	+4	3816	-1552	-1	3817	-1551
Arbuckle	3930	-1665	-43	3929	-1665	-43	3888	-1622
RTD	4000						4020	
LTD				4004			4021	



GEOLOGISTS' REPORT

OPERATOR: MURFIN DRILLING COMPANY, INC.
LEASE: ORTH 'A' # 1-4

ELEVATIONS
KB 2264 Ft.
GL 2259 Ft.

LOCATION: 660 FSL & 330 FWL
SEC. 4 TWSP 14S RGE 19W
COUNTY: ELLIS STATE: KANSAS

FIELD: ALWERTH
CONTRACTOR: Murfin Drilling Company RIG NO. 8
COMMENCED 25 Nov. 2011 COMPLETED 3 Dec. 2011
MUD REPLACED 2942 MUD TYPE Chemical
DRILLING TIME KEPT FROM 3180 TO 4000
SAMPLES SAVED FROM 3180 TO 4000
SAMPLES EXAMINED FROM 3180 TO 4000

GEOLOGICAL SUPERVISION FROM 3019 TO 4000
GEOLOGIST ON WELL: Paul Gurewelman

FORMATION NAME LOG TOP DATUM TOP DATUM SAMPLE

Stone Corral 1540 +724 1540 +724
Base/Anhydrite 1586 +678 1585 +679
Topeka 3282 -1018 3280 -1016
Heebner Shale 3527 -1263 3524 -1260
Toronto 3548 -1284 3545 -1281
Lansing 3570 -1306 3569 -1305
Base/Kansas City 3816 -1552 3811 -1547
Arbuckle 3929 -1665 3930 -1666
Total Depth 4004 -1740 4000 -1736

ELECTRICAL SURVEYS:
Log-Tech, Inc.
Comp. Neutron Density
Dual Induction
Micro-resistivity
Comp. Sonic

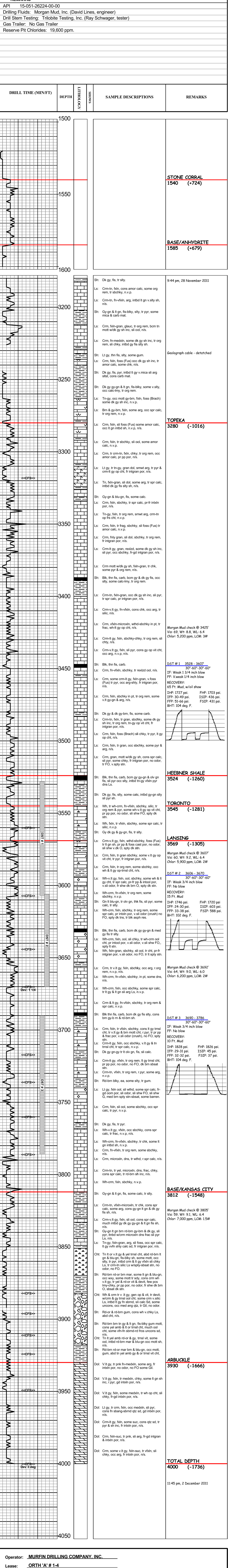
CASING RECORD
Conductor None
Surface 8 5/8" @ 220'
Production None

ALL MEASUREMENTS FROM KB.

REMARKS

API 15-051-26224-00-00
Drilling Fluids: Morgan Mud, Inc. (David Lines, engineer)
Drill Stem Testing: Trilobite Testing, Inc. (Ray Schwager, tester)
Gas Trailer: No Gas Trailer
Reserve Pit Chlorides: 19,600 ppm.

DRILL TIME (MIN/FT)	DEPTH	LITHOLOGY	REMARKS
	1540	STONE CORRAL	
	1585	BASE/ANHYDRITE	
	3280	TOPEKA	
	3524	HEEBNER SHALE	
	3545	TORONTO	
	3569	LANSING	
	3811	BASE/KANSAS CITY	
	3930	ARBUCKLE	
	4000	TOTAL DEPTH	



Operator: MURFIN DRILLING COMPANY, INC.
Lease: ORTH 'A' # 1-4
Location: 660 FSL & 330 FWL SEC. 4 TWSP 14S RGE 19W
County: ELLIS State: KANSAS



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Lario Oil & Gas

Ottley A 1-4

301 S. Market St
Wichita, KS 67202

4-13-31 Gove, KS

ATTN: Larry Friend

Job Ticket: 040500

DST#: 1

Test Start: 2011.01.01 @ 06:41:23

GENERAL INFORMATION:

Formation: **H-I-J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:39:33

Time Test Ended: 14:38:02

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

Interval: 4132.00 ft (KB) To 4216.00 ft (KB) (TVD)

Reference Elevations: 2949.00 ft (KB)

Total Depth: 4216.00 ft (KB) (TVD)

2939.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8373

Inside

Press @ Run Depth: 53.62 psig @ 4133.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.01.01

End Date:

2011.01.01

Last Calib.:

2011.01.01

Start Time: 06:41:23

End Time:

14:38:02

Time On Btm:

2011.01.01 @ 09:34:33

Time Off Btm:

2011.01.01 @ 12:41:47

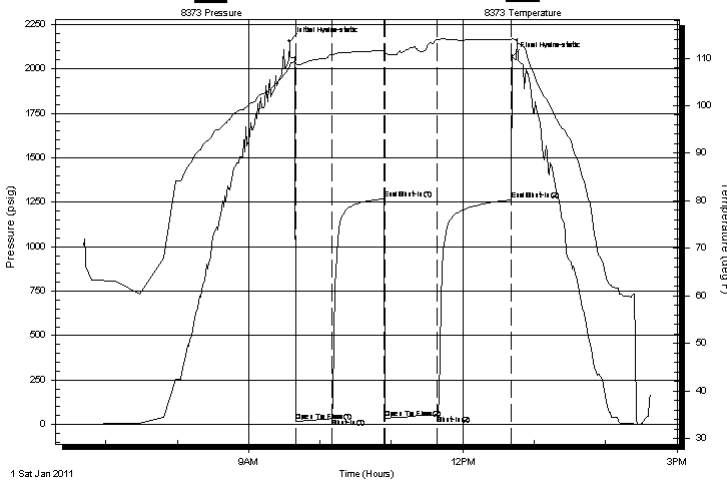
TEST COMMENT: IF: 1/2 blow built to 4 in 30 min.

IS: No return.

FF: Surface blow built to 4 in 45 min.

FS: No return.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2156.07	108.33	Initial Hydro-static
5	15.77	108.79	Open To Flow (1)
36	32.38	110.66	Shut-In(1)
80	1268.90	111.58	End Shut-In(1)
80	33.20	111.02	Open To Flow (2)
124	53.62	113.98	Shut-In(2)
187	1261.80	113.94	End Shut-In(2)
188	2070.30	114.15	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
82.00	mud some oil spots 100% m	1.15

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil& Gas

Ottley A 1-4

301 S. Market St
Wichita, KS 67202

4-13-31 Gove, KS

Job Ticket: 040500

DST#: 1

ATTN: Larry Friend

Test Start: 2011.01.01 @ 06:41:23

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: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.60 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3100.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
82.00	mud some oil spots 100%m	1.150

Total Length: 82.00 ft Total Volume: 1.150 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

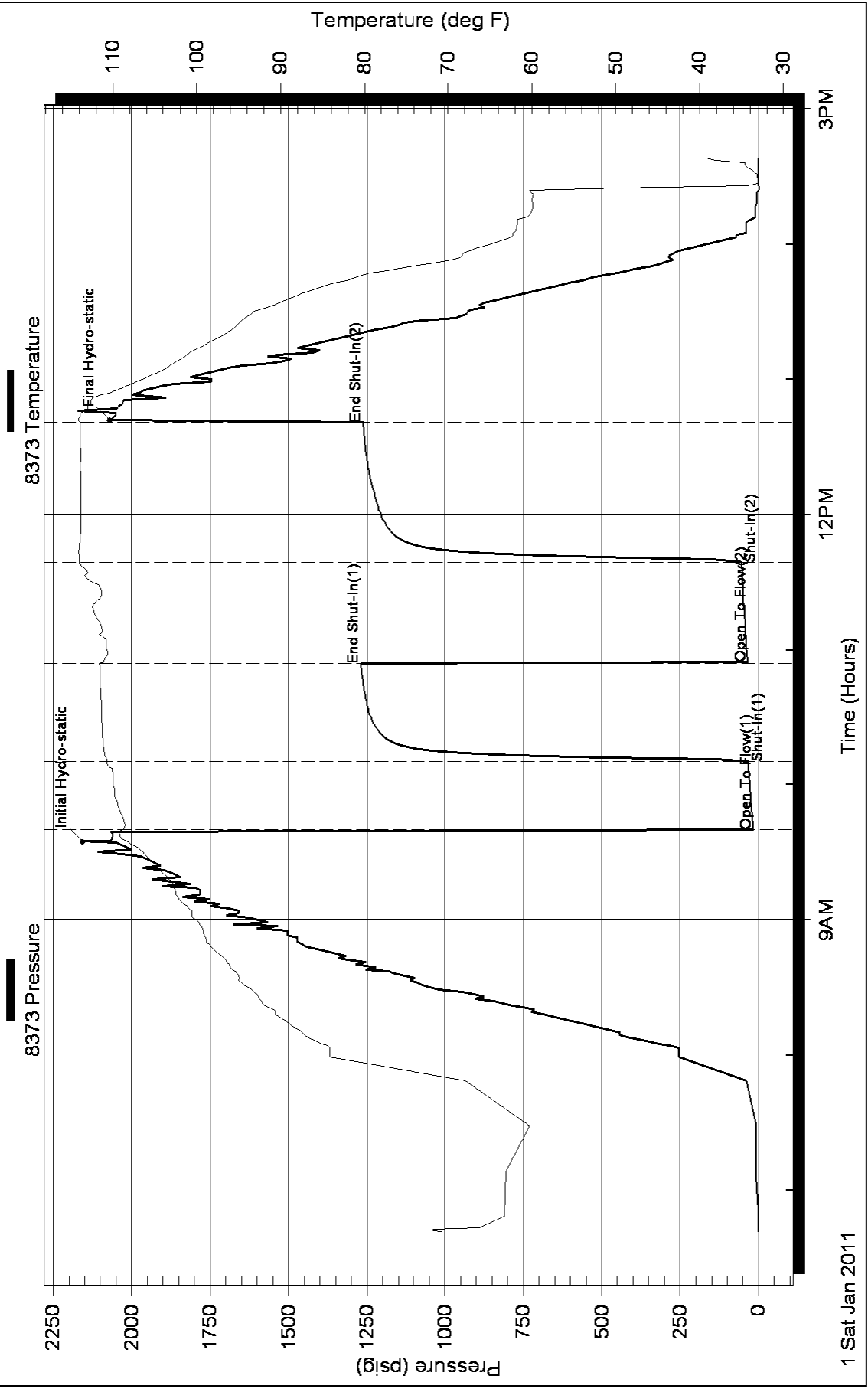
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas

Ottley A 1-4

301 S. Market St
Wichita, KS 67202

4-13-31 Gove, KS

ATTN: Larry Friend

Job Ticket: 040501

DST#: 2

Test Start: 2011.01.02 @ 00:20:55

GENERAL INFORMATION:

Formation: **Lansing K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:07:35

Time Test Ended: 07:38:19

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

Interval: 4216.00 ft (KB) To 4250.00 ft (KB) (TVD)

Reference Elevations: 2949.00 ft (KB)

Total Depth: 4250.00 ft (KB) (TVD)

2939.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8373

Inside

Press @ Run Depth: 191.22 psig @ 4217.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.01.02

End Date:

2011.01.02

Last Calib.:

2011.01.02

Start Time:

00:20:55

End Time:

07:38:19

Time On Btm:

2011.01.02 @ 02:06:35

Time Off Btm:

2011.01.02 @ 05:18:49

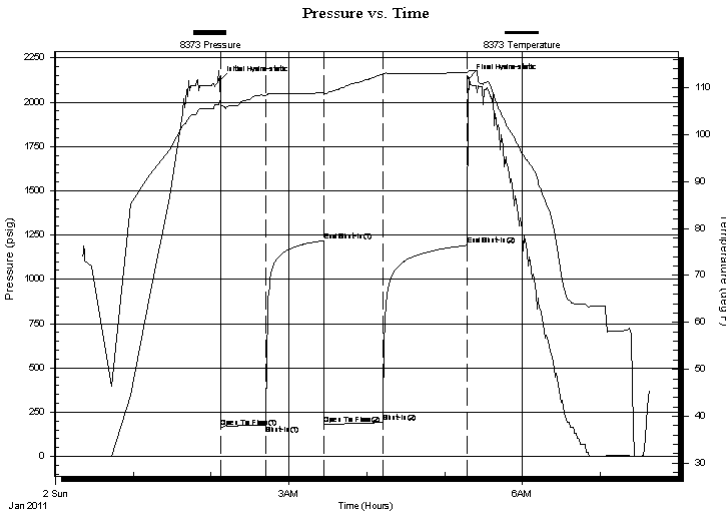
TEST COMMENT: IF: Open tool the tool slid packers failed reset 1/2 blow built to 1 1/2 in 30 min.

IS: No return.

FF: Surface blow built to 2 in 45 min.

FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2123.62	107.28	Initial Hydro-static
1	166.43	106.34	Open To Flow (1)
36	178.62	108.25	Shut-In(1)
80	1218.63	108.95	End Shut-In(1)
81	180.46	108.48	Open To Flow (2)
126	191.22	112.88	Shut-In(2)
191	1192.52	113.27	End Shut-In(2)
193	2136.45	113.64	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
352.00	mud 100% m	4.94

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil& Gas

Ottley A 1-4

301 S. Market St
Wichita, KS 67202

4-13-31 Gove, KS

Job Ticket: 040501

DST#: 2

ATTN: Larry Friend

Test Start: 2011.01.02 @ 00:20:55

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: 49.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.59 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 3100.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
352.00	mud 100%m	4.938

Total Length: 352.00 ft Total Volume: 4.938 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

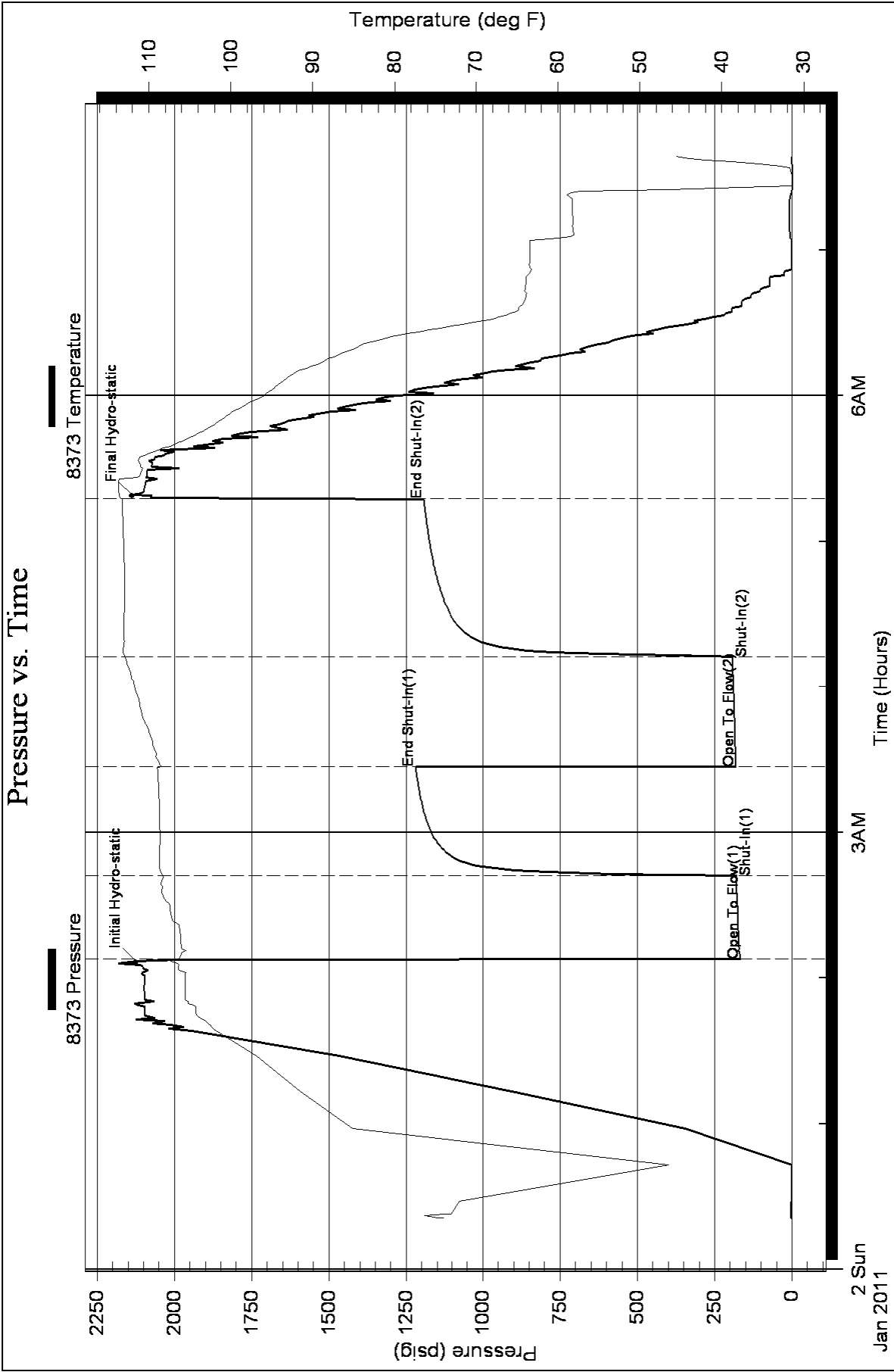
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Lario Oil& Gas

Ottley A 1-4

301 S. Market St
Wichita, KS 67202

4-13-31 Gove, KS

ATTN: Larry Friend

Job Ticket: 040502

DST#: 3

Test Start: 2011.01.03 @ 16:55:41

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:09:51

Time Test Ended: 00:54:50

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

Interval: 4495.00 ft (KB) To 4565.00 ft (KB) (TVD)

Reference Elevations: 2949.00 ft (KB)

Total Depth: 4565.00 ft (KB) (TVD)

2939.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8373

Inside

Press @ Run Depth: 227.07 psig @ 4496.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.01.03

End Date:

2011.01.04

Last Calib.: 2011.01.04

Start Time: 16:55:41

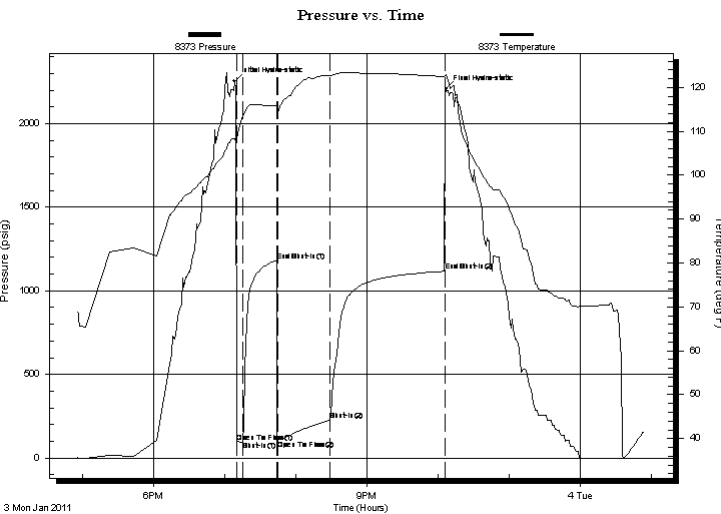
End Time:

00:54:50

Time On Btm: 2011.01.03 @ 19:08:06

Time Off Btm: 2011.01.03 @ 22:06:35

TEST COMMENT: IF: BOB in 3 min.
IS: Surface blow built to 1 in 30 min.
FF: BOB in 3 min.
FS: BOB in 11 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2253.57	108.13	Initial Hydro-static
2	95.58	107.93	Open To Flow (1)
7	96.69	113.46	Shut-In(1)
36	1182.27	115.81	End Shut-In(1)
37	106.58	115.03	Open To Flow (2)
81	227.07	122.65	Shut-In(2)
178	1117.46	122.46	End Shut-In(2)
179	2207.16	122.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
186.00	mcgo 20%g 70%o 10%m	2.61
62.00	gocm 30%g 20%o 50%m	0.87
186.00	gocm 40%g 10%o 50%m	2.61
102.00	gocm 5%g 45%o 50%m	1.43
0.00	930 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil& Gas

Ottley A 1-4

301 S. Market St
Wichita, KS 67202

4-13-31 Gove, KS

Job Ticket: 040502

DST#: 3

ATTN: Larry Friend

Test Start: 2011.01.03 @ 16:55:41

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

23 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.60 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
186.00	mcgo 20%g 70%o 10%m	2.609
62.00	gocm 30%g 20%o 50%m	0.870
186.00	gocm 40%g 10%o 50%m	2.609
102.00	gocm 5%g 45%o 50%m	1.431
0.00	930 GIP	0.000

Total Length: 536.00 ft

Total Volume: 7.519 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

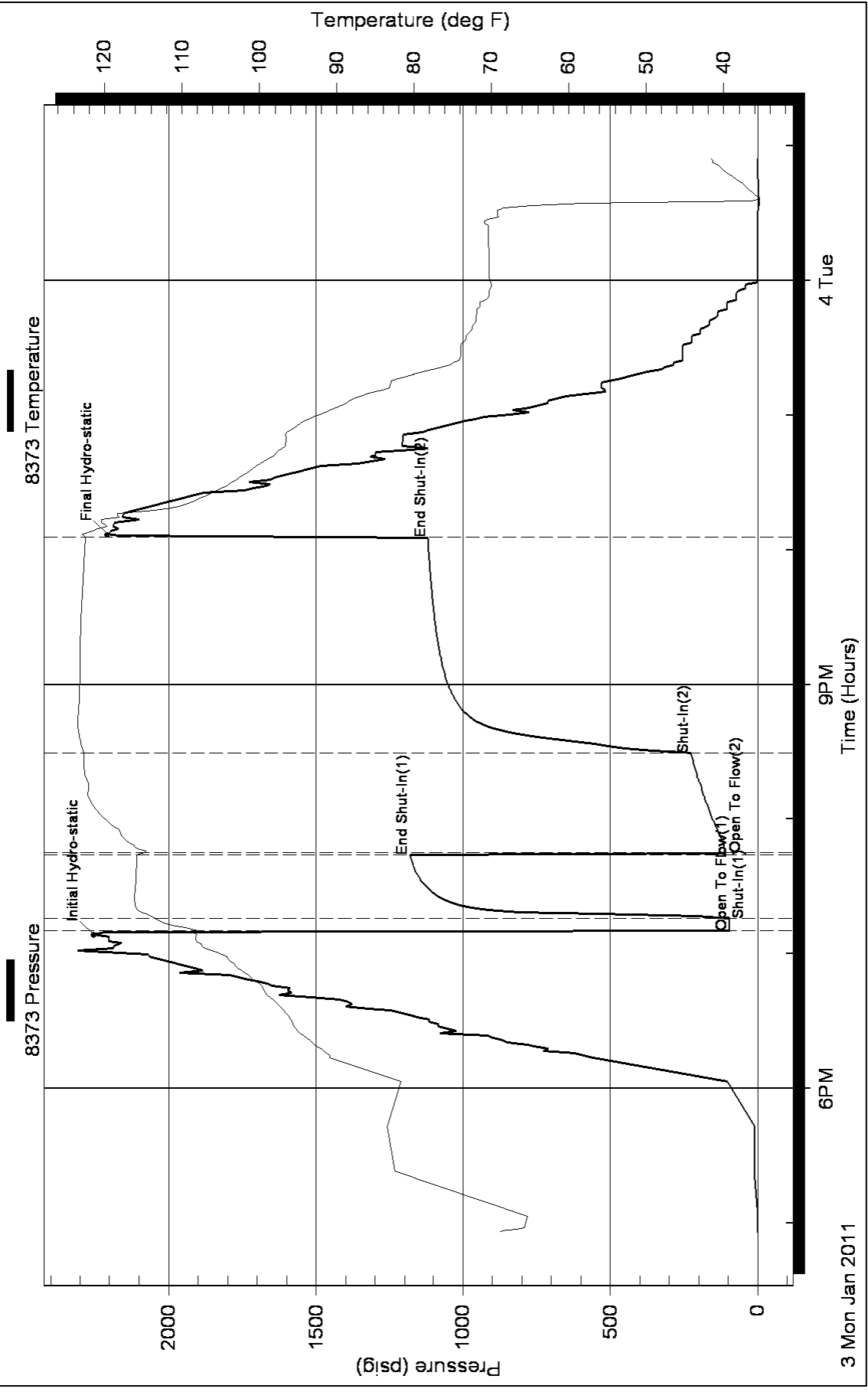
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 19@20=23

Pressure vs. Time





QUALITY OILWELL CEMENTING, INC.
 PO Box 32 - 740 West Wichita Ave, Russell KS 67665
 Phone: 785-324-1041 fax: 785-483-1087
 Email: cementing@ruraltel.net

PROD COPY

Date: 11/29/2011
 Invoice # 178

Long acct

P.O.#:
 Due Date: 12/29/2011
 Division: Russell

Invoice

USED FOR _____
 APPROVED _____

Contact:
 Murfin Drilling Company
Address/Job Location:
 Murfin Drilling Company
 P.O. Box 288
 Russell Ks 67665

*operator pay
 mpc
 BM*

Reference:
 ORTH A 1-4

Description of Work:
 SURFACE JOB

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 977.42	No				
Common-Class A	160	\$ 2,089.46	Yes				
Bulk Truck Matl-Material Service Charge	166	\$ 355.38	No				
Calcium Chloride	6	\$ 241.87	Yes				
Pump Truck Mileage-Job to Nearest Camp	8	\$ 85.46	No				
Premium Gel (Bentonite)	3	\$ 52.28	Yes				
Bulk Truck Mileage-Job to Nearest Bulk Plant	8	\$ 50.01	No				

Invoice Terms:

Net 30

SubTotal: \$ 3,851.89

Account	<i>Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice:</i>		\$ (577.78)
	SubTotal for Taxable Items:		\$ 2,026.07
	SubTotal for Non-Taxable Items:		\$ 1,248.04
	Total:		\$ 3,274.11
	Tax: 6.30% - Ellis County Sales Tax		\$ 127.64
	Amount Due:		\$ 3,401.75
	Applied Payments:		
	Balance Due:		\$ 3,401.75

Thank You For Your Business!

3. 6046.0001

ID203

3401.75 Cement S. Csg. A 1-4

OKAD

Past Due Invoices are subject to a service charge (annual rate of 24%)
 This does not include any applicable taxes unless it is listed.
 ©2008-2013 Straker Investments, LLC. All rights reserved.



24 S. Lincoln Street
 P.O. Box 31
 Russell, KS 67665-2906
 Voice: (817) 546-7282
 Fax: (817) 246-3361

INVOICE

Invoice Number: 129600
 Invoice Date: Dec 3, 2011
 Page: 1

PROD COPY

www. Luf

Bill To:

Murfin Drlg. Co., Inc.
 250 N. Water
 STE #300
 Wichita, KS 67202

Federal Tax I.D.#: 20-5975804

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Murfin	ORTH A #1-4	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-03	Russell	Dec 3, 2011	1/2/12

Quantity	Item	Description	Unit Price	Amount
147.00	MAT	Class A Common	16.25	2,388.75
98.00	MAT	Pozmix	8.50	833.00
8.00	MAT	Gel	21.25	170.00
61.00	MAT	FloSeal	2.70	164.70
253.00	SER	Handling	2.25	569.25
30.00	SER	Mileage	27.83	834.90
1.00	SER	Rotary Plug	1,250.00	1,250.00
30.00	SER	Heavy Vehicle Mileage	7.00	210.00
30.00	SER	Light Vehicle Mileage	4.00	120.00
1.00	CEMENTER	Glenn Ginther		
1.00	OPER ASSIST	Tony Pfannenstiel		

OKAY

Account	Unit	W	L	N	Amount	Description
<i>ED203</i>					<i>4663.45</i>	<i>PrA A #1-4</i>

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

\$2289.21

ONLY IF PAID ON OR BEFORE
Dec 28, 2011

Subtotal	6,540.60
Sales Tax	412.06
Total Invoice Amount	6,952.66
Payment/Credit Applied	
TOTAL	6,952.66

(2289.21)

4663.45

ALLIED CEMENTING CO., LLC. 038207

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Russell Ks.

DATE <u>12-3-2011</u>	SEC <u>4</u>	TWP. <u>14 S</u>	RANGE <u>19 W</u>	CALLED OUT	ON LOCATION	JOB START <u>8:00 AM</u>	JOB FINISH <u>8:30 PM</u>
LEASE <u>"ORTH"</u>	WELL# <u>"A"</u>	LOCATION <u>Hay's Ks. I-70 Yocemento</u>		COUNTY <u>Ellis</u>	STATE <u>KANSAS</u>		
OLD OR <u>NEW</u> (Circle one)		EXIT, 2 S TO Hwy 40, 4 S TO GCR HWY 4 N.					

CONTRACTOR <u>MURFIN DRILG. RIG # 8</u>	OWNER
TYPE OF JOB <u>ROTARY Plug</u>	
HOLE SIZE <u>7 7/8</u> T.D. <u>4000'</u>	CEMENT
CASING SIZE <u>8 5/8 SURFACE</u> DEPTH <u>220'</u>	AMOUNT ORDERED <u>245 sx 40 4% GEL</u>
TUBING SIZE DEPTH	<u>1/4 # F10 Seal Per SX.</u>
DRILL PIPE <u>4 1/2 X-H</u> DEPTH <u>3880</u>	
TOOL DEPTH	
PRES. MAX MINIMUM	COMMON <u>147 @ 16.25 2388.75</u>
MEAS. LINE SHOE JOINT	POZMIX <u>9F @ 8.50 833.00</u>
CEMENT LEFT IN CSG.	GEL <u>F @ 21.25 170.00</u>
PERFS.	CHLORIDE @
DISPLACEMENT	ASC @

EQUIPMENT

PUMP TRUCK CEMENTER <u>Glen</u>
<u>409</u> HELPER <u>TODD</u>
BULK TRUCK
<u>481</u> DRIVER <u>Tony</u>
BULK TRUCK
DRIVER

<u>F10 Seal 61#</u>	@	<u>2.70</u>	<u>164.70</u>
	@		
	@		
	@		
	@		
	@		
HANDLING <u>253</u>	@	<u>2.25</u>	<u>569.25</u>
MILEAGE <u>253/11/30</u>			<u>834.90</u>
			TOTAL <u>4960.60</u>

REMARKS:

25 SX @ 3890 ^{TOP} ARB.
 25 SX @ 1560'
 100 SX @ 800'
 40 SX @ 275'
 10 SX @ 40'
 30 SX @ Ret Hole
 15 SX @ Mouse Hole
THANK'S

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>1250.00</u>
EXTRA FOOTAGE	@		
MILEAGE <u>HV 30</u>	@	<u>7.00</u>	<u>210.00</u>
MANIFOLD	@		
<u>LV 30</u>	@	<u>4.00</u>	<u>120.00</u>
			TOTAL <u>1580.00</u>

CHARGE TO: MURFIN DRILLING CO. INC.

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

<u>8 5/8 DRY Hole Plug</u>			<u>NC</u>
	@		
	@		
	@		
			TOTAL _____

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 Lodney Fair

SIGNATURE Lodney Fair

SALES TAX (If Any) _____

TOTAL CHARGES 6540.60

DISCOUNT _____ IF PAID IN 30 DAYS