



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
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- 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

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total 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

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1068123

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

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

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

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
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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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

November 17, 2011

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

Re: ACO1
API 15-051-26209-00-00
Stadelman Unit 1-3
SW/4 Sec.03-14S-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 Stadelman Unit #1-3 1100' FSL 370' FWL Sec. 3-T14S-R19W Ellis County, KS 2220' KB	MDCI Haselhorst #1-4 1650 FSL 1080 FEL Sec. 4-T14S-R19W Ellis County, KS 2234' KB
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Formation	Sample top	Datum	Ref	Log Top	Datum	Ref	Log Top	Datum
Anhydrite	1517	+703	-5	1513	+707	-1	1526	+708
B/Anhydrite	1558	+662	Flat	1556	+664	+2	1572	+662
Topeka	3232	-1012	+6	3234	-1014	+4	3252	-1018
Heebner	3477	-1257	+3	3479	-1259	+1	3494	-1260
Toronto	3500	-1280	+4	3501	-1281	+3	3518	-1284
Lansing	3523	-1303	+1	3524	-1304	Flat	3538	-1304
Stark	3716	-1496	+6	3716	-1496	+6	3736	-1502
BKC	3769	-1549	+10	3773	-1553	+6	3793	-1559
Arbuckle	3892	-1672	-6	3895	-1675	-9	3900	-1666
RTD	3965	-1745					3962	
LTD				3968	-1748			



GEOLOGISTS REPORT

OPERATOR **MURFIN DRILLING COMPANY, INC.**

LEASE **STADELMAN UNIT # 1-3**

LOCATION **1100 FSL & 370 FWL**

SEC. **3** TWPSP **14S** RGE **19W**

COUNTY **ELLIS** STATE **KANSAS**

FIELD **STADELMAN**

CONTRACTOR **Murfin Drilling Company** RIG NO. **8**

COMMENCED **22 Oct 2011** COMPLETED **29 Oct 2011**

MUD DISPLAYED **3039** MUD TYPE **Chemical**

DRILLING TIME KEPT FROM **3140** TO **3965**

SAMPLES SAVED FROM **3140** TO **3965**

SAMPLES EXAMINED FROM **3140** TO **3965**

GEOLOGICAL SUPERVISION FROM **3039** TO **3965**

GEOLOGIST ON WELL **Paul Gurszeiman**

FORMATION NAME	LOG	TOP DATUM	TOP SAMPLE DATUM
Stone Corral		1513	+707
Base/Anhydrite		1556	+664
Topeka		3234	-1014
Heebner Shale		3479	-1259
Toronto		3501	-1281
Lansing		3524	-1304
Base/Kansas City		3773	-1553
Arbuckle		3895	-1675
Total Depth		3968	-1748

ELEVATIONS
KB **2220 Ft.**

CL **2215 Ft.**

ALL MEASUREMENTS FROM K.B.

CASING RECORD

CONDUCTOR NAME

DRILLING TIME KEPT FROM

SAMPLES SAVED FROM

SAMPLES EXAMINED FROM

GEOLOGICAL SUPERVISION FROM

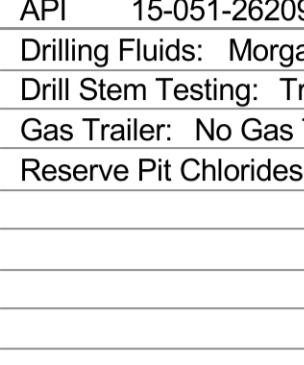
GEOLOGIST ON WELL

FORMATION NAME

LOG

TOP DATUM

TOP SAMPLE DATUM



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

REMARKS
API 15-051-26209-00-00
Drilling Fluids: Morgan Mud, Inc. (David Lines, engineer)
Drill Stem Testing: Trilobite Testing, Inc. (Andy Carreira, tester)
Gas Trailer: No Gas Trailer
Reserve Pit Chlorides: 9,200 PPM

DRILL TIME (MIN/FT)	DEPTH	LITHOLOGY	REMARKS

STONE CORRAL
1517 (+703)

BASE/ANHYDRITE
1558 (+662)

TOPEKA
3232 (-1012)

HEEBNER SHALE
3477 (-1257)

TORONTO
3500 (-1280)

LANSING
3523 (-1303)

BASE/KANSAS CITY
3769 (-1549)

ARBUCKLE
3892 (-1762)

TOTAL DEPTH
3965 (-1745)

2:04 AM, 29 October 2011

4:09 pm, 25 October 2011

DST # 1 3476 - 3563
30"-60"-30"-60"
IF: Weak blow incr. to 2 inches.
FF: No blow
RECOVERY:
65 Ft. Mud
IHP: 1692 psi. FHP: 1630 psi.
IFP: 15-34 psi. ISIP: 243 psi.
FFP: 39-50 psi. FSIP: 239 psi.
BHT: 103 deg. F.

DST # 2 3562 - 3606
30"-60"-30"-60"
IF: Weak blow incr to 3 inches
FF: Very weak blow incr to 3/4 inch
RECOVERY:
65 Ft. Muddy Water
(40% Mud, 60% Wtr)
(Chlor: 54,000 ppm)
IHP: 1726 psi. FHP: 1702 psi.
IFP: 16-41 psi. ISIP: 374 psi.
FFP: 43-65 psi. FSIP: 362 psi.
BHT: 104 deg. F.

DST # 3 3647 - 3714
30"-60"-60"-90"
IF: Good blow, BOB in 17 min.
FF: Good blow, BOB in 20 min.
RECOVERY:
310 Ft. Gas In Pipe
5 Ft. Clean Oil
55 Ft. Gas & Oil Cut Mud
(10% Gas, 20% Oil, 70% Mud)
60 Ft. Gas Oil & Water Cut Mud
(10% Gas, 10% Oil, 20% Water)
120 Ft. Gas Cut Muddy Water
(5% Gas, 20% Mud, 75% Water)
(Chlor: 30,000 ppm)
IHP: 1827 psi. FHP: 1770 psi.
IFP: 22-108 psi. ISIP: 741 psi.
FFP: 113-155 psi. FSIP: 653 psi.
BHT: 110 deg. F.

DST # 4 3714 - 3769
30"-60"-60"-90"
IF: Good blow, BOB in 17 min.
FF: Good blow, BOB in 20 min.
RECOVERY:
310 Ft. Gas In Pipe
5 Ft. Clean Oil
55 Ft. Gas & Oil Cut Mud
(10% Gas, 20% Oil, 70% Mud)
60 Ft. Gas Oil & Water Cut Mud
(10% Gas, 10% Oil, 20% Water)
120 Ft. Gas Cut Muddy Water
(5% Gas, 20% Mud, 75% Water)
(Chlor: 30,000 ppm)
IHP: 1827 psi. FHP: 1770 psi.
IFP: 22-108 psi. ISIP: 741 psi.
FFP: 113-155 psi. FSIP: 653 psi.
BHT: 110 deg. F.

DST # 5 3769 - 3892
30"-60"-60"-90"
IF: Good blow, BOB in 17 min.
FF: Good blow, BOB in 20 min.
RECOVERY:
310 Ft. Gas In Pipe
5 Ft. Clean Oil
55 Ft. Gas & Oil Cut Mud
(10% Gas, 20% Oil, 70% Mud)
60 Ft. Gas Oil & Water Cut Mud
(10% Gas, 10% Oil, 20% Water)
120 Ft. Gas Cut Muddy Water
(5% Gas, 20% Mud, 75% Water)
(Chlor: 30,000 ppm)
IHP: 1827 psi. FHP: 1770 psi.
IFP: 22-108 psi. ISIP: 741 psi.
FFP: 113-155 psi. FSIP: 653 psi.
BHT: 110 deg. F.

DST # 6 3892 - 3965
30"-60"-60"-90"
IF: Good blow, BOB in 17 min.
FF: Good blow, BOB in 20 min.
RECOVERY:
310 Ft. Gas In Pipe
5 Ft. Clean Oil
55 Ft. Gas & Oil Cut Mud
(10% Gas, 20% Oil, 70% Mud)
60 Ft. Gas Oil & Water Cut Mud
(10% Gas, 10% Oil, 20% Water)
120 Ft. Gas Cut Muddy Water
(5% Gas, 20% Mud, 75% Water)
(Chlor: 30,000 ppm)
IHP: 1827 psi. FHP: 1770 psi.
IFP: 22-108 psi. ISIP: 741 psi.
FFP: 113-155 psi. FSIP: 653 psi.
BHT: 110 deg. F.

DST # 7 3965 - 4000
30"-60"-60"-90"
IF: Good blow, BOB in 17 min.
FF: Good blow, BOB in 20 min.
RECOVERY:
310 Ft. Gas In Pipe
5 Ft. Clean Oil
55 Ft. Gas & Oil Cut Mud
(10% Gas, 20% Oil, 70% Mud)
60 Ft. Gas Oil & Water Cut Mud
(10% Gas, 10% Oil, 20% Water)
120 Ft. Gas Cut Muddy Water
(5% Gas, 20% Mud, 75% Water)
(Chlor: 30,000 ppm)
IHP: 1827 psi. FHP: 1770 psi.
IFP: 22-108 psi. ISIP: 741 psi.
FFP: 113-155 psi. FSIP: 653 psi.
BHT: 110 deg. F.

Operator: **MURFIN DRILLING COMPANY, INC.**

Lease: **STADELMAN UNIT # 1-3**

Location: **1100 FSL & 370 FWL SEC. 3 TWPSP 14S RGE 19W**

County: **ELLIS** State: **KANSAS**



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Murfin Drilling Co inc
 250 N Water
 STE 300
 Wichita Ks. 67202+1216
 ATTN: Paul Gunzelman

3-14s-19w Ellis
Stadelman Unit 1-3
 Job Ticket: 44264 **DST#: 1**
 Test Start: 2011.10.26 @ 14:25:05

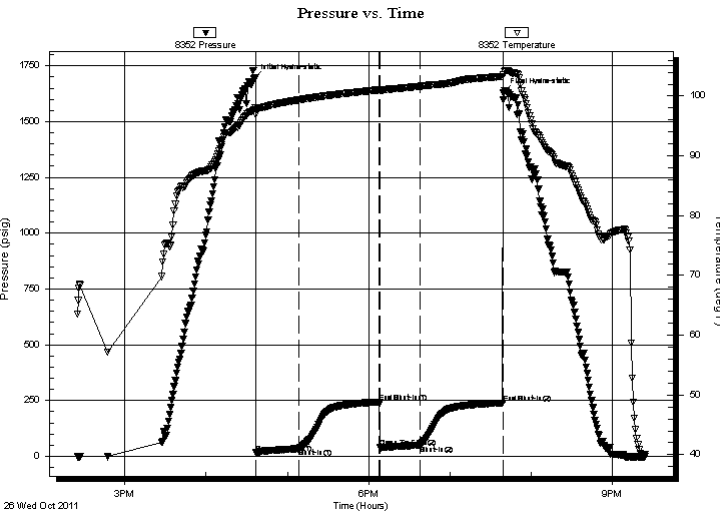
GENERAL INFORMATION:

Formation: **Tor-LKC "A-B"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 16:36:40
 Time Test Ended: 21:24:29
 Interval: **3476.00 ft (KB) To 3563.00 ft (KB) (TVD)**
 Total Depth: 3563.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Andy Carreira
 Unit No: 39
 Reference Elevations: 2225.00 ft (KB)
 2215.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8352 Outside

Press @ Run Depth: 50.53 psig @ 3480.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.10.26 End Date: 2011.10.26 Last Calib.: 2011.10.26
 Start Time: 14:25:05 End Time: 21:24:29 Time On Btm: 2011.10.26 @ 16:35:30
 Time Off Btm: 2011.10.26 @ 19:39:29

TEST COMMENT: IF:(30min) 2 inch blow
 IS:(60min) No Return
 FF:(30min) Half inch blow
 FS:(60min) No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1692.77	97.75	Initial Hydro-static
2	15.99	96.95	Open To Flow (1)
33	34.39	99.35	Shut-In(1)
93	243.43	101.04	End Shut-In(1)
93	39.40	100.92	Open To Flow (2)
123	50.53	101.64	Shut-In(2)
184	239.56	103.29	End Shut-In(2)
184	1630.75	103.63	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	Mud	0.32

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co inc

3-14s-19w Ellis

250 N Water
STE 300
Wichita Ks. 67202+1216
ATTN: Paul Gunzelman

Stadelman Unit 1-3

Job Ticket: 44264 **DST#: 1**
Test Start: 2011.10.26 @ 14:25:05

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: 59.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3900.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	Mud	0.320

Total Length: 65.00 ft Total Volume: 0.320 bbl

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

Laboratory Name: Laboratory Location:

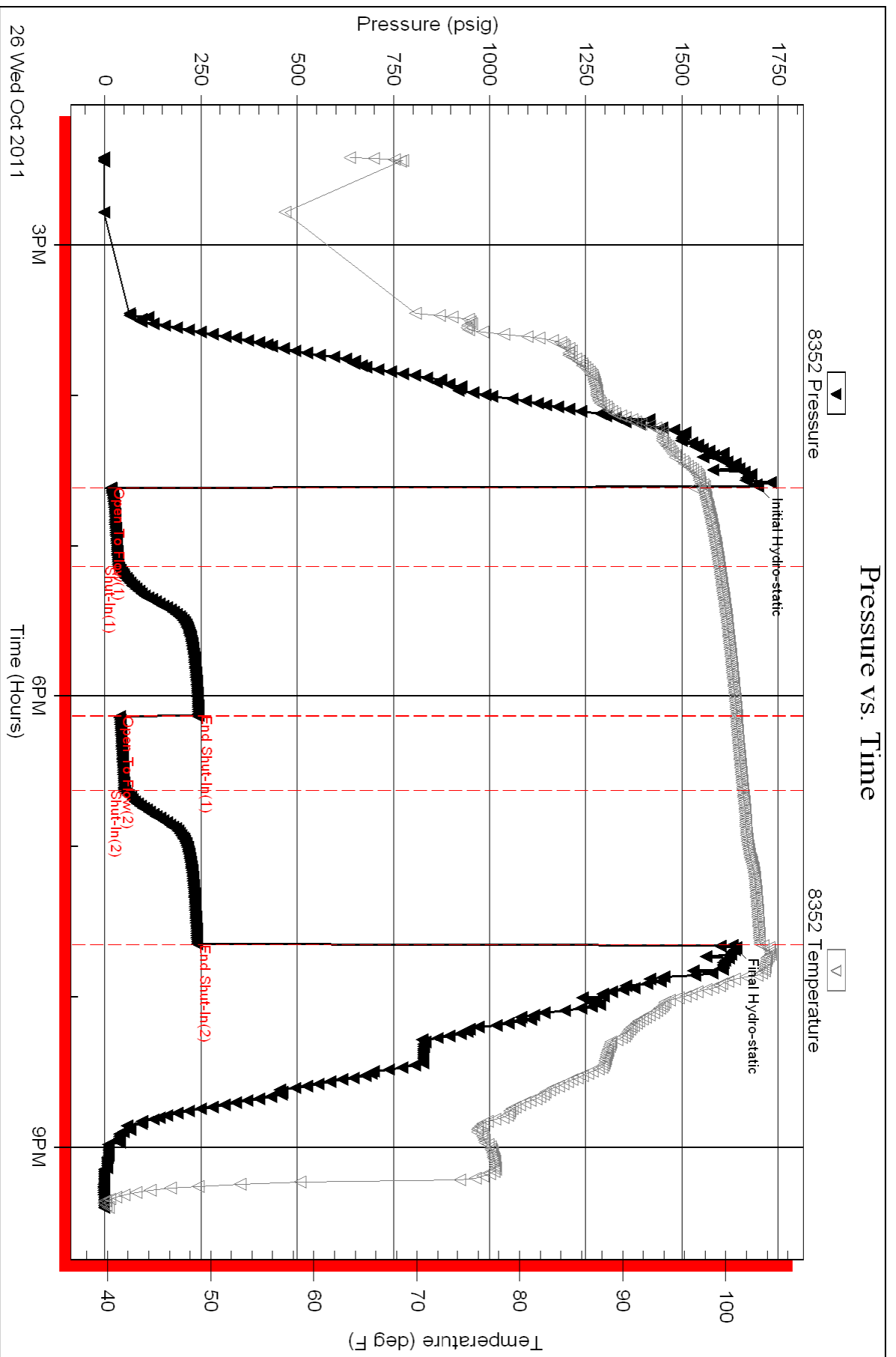
Recovery Comments:

Serial #: 8352

Outside Murfin Drilling Co inc

Stadelman Unit 1-3

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 44264

Printed: 2011.10.27 @ 08:26:09



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Murfin Drilling Co inc
 250 N Water
 STE 300
 Wichita Ks. 67202+1216
 ATTN: Paul Gunzelman

3-14s-19w Ellis
Stadelman Unit 1-3
 Job Ticket: 44265 **DST#: 2**
 Test Start: 2011.10.27 @ 05:25:05

GENERAL INFORMATION:

Formation: **LKC"D-F"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 07:31:50
 Time Test Ended: 12:01:59
 Interval: **3562.00 ft (KB) To 3606.00 ft (KB) (TVD)**
 Total Depth: 3606.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Andy Carreira
 Unit No: 39
 Reference Elevations: 2225.00 ft (KB)
 2215.00 ft (CF)
 KB to GR/CF: 10.00 ft

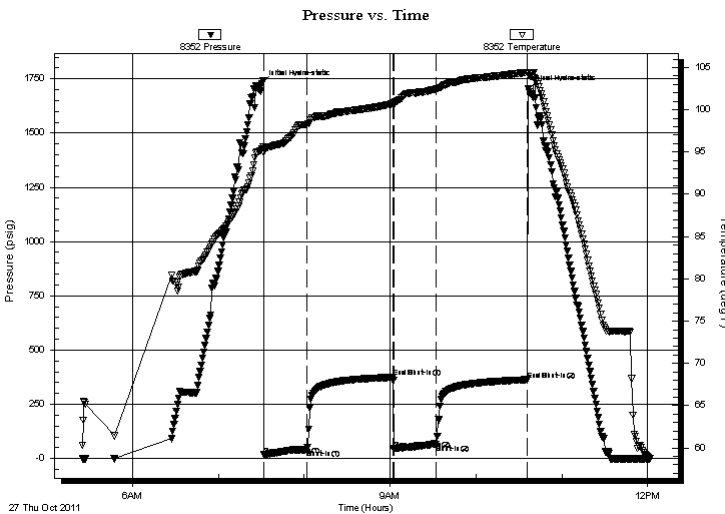
Serial #: 8352

Outside

Press @ RunDepth: 65.57 psig @ 3566.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.10.27 End Date: 2011.10.27 Last Calib.: 2011.10.27
 Start Time: 05:25:05 End Time: 12:01:59 Time On Btm: 2011.10.27 @ 07:30:20
 Time Off Btm: 2011.10.27 @ 10:36:20

TEST COMMENT: IF:(30min) 3" blow in 28 min
 IS:(60min) No Return
 FF:(30min) 3/4" blow
 FS:(60min) Surface return last 10 min

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1726.08	95.32	Initial Hydro-static
2	16.42	94.95	Open To Flow (1)
32	41.33	98.28	Shut-In(1)
92	374.16	100.73	End Shut-In(1)
92	43.46	100.55	Open To Flow (2)
122	65.57	102.45	Shut-In(2)
186	362.84	104.42	End Shut-In(2)
186	1702.45	104.40	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	MW w/slight oil specks in tool m=40%w =60.32	

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co inc

3-14s-19w Ellis

250 N Water
STE 300
Wichita Ks. 67202+1216
ATTN: Paul Gunzelman

Stadelman Unit 1-3

Job Ticket: 44265 **DST#: 2**
Test Start: 2011.10.27 @ 05:25:05

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:	16000 ppm
Viscosity: 62.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.40 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3900.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

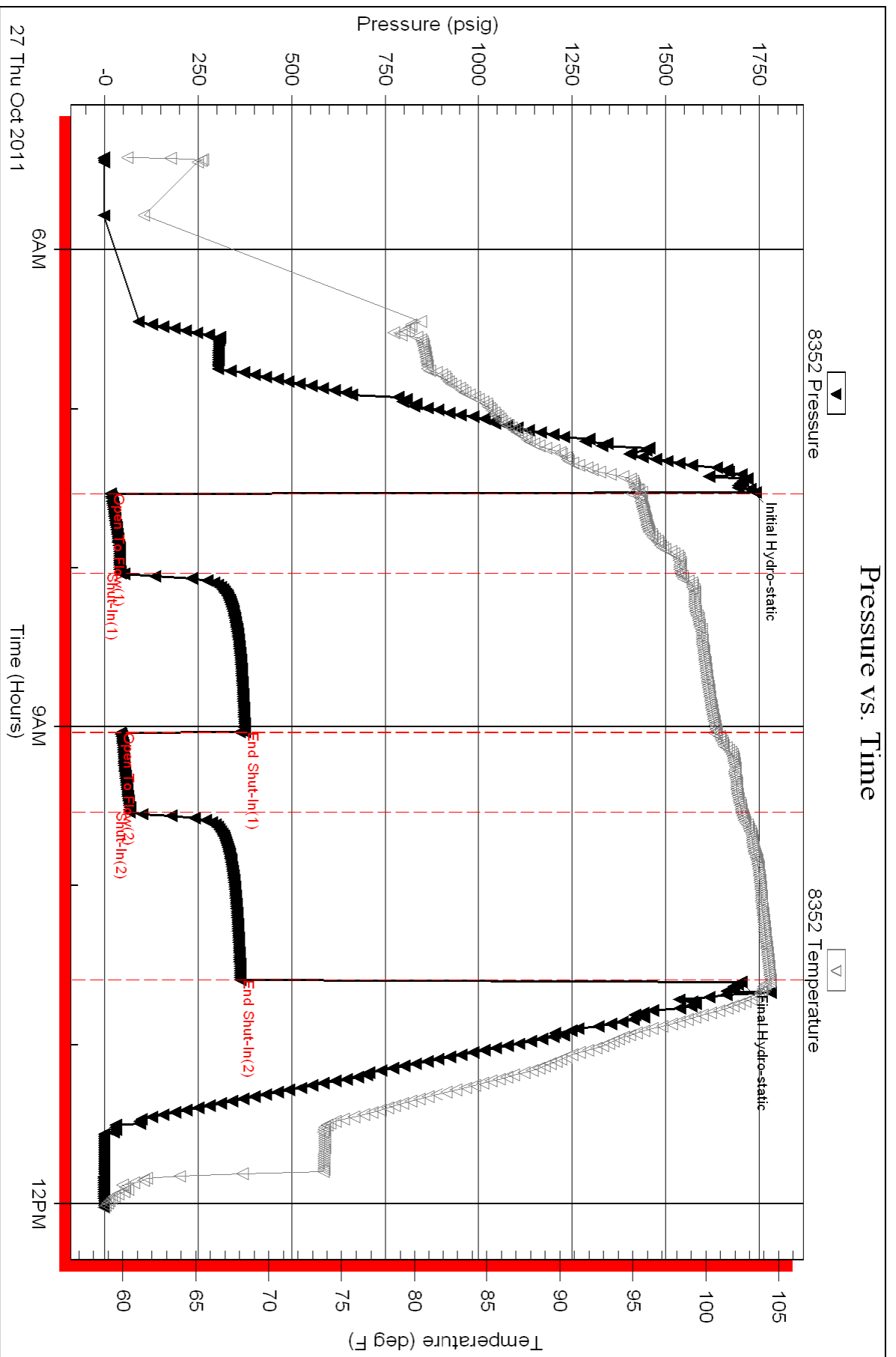
Length ft	Description	Volume bbl
65.00	MW w/slight oil specks in tool m=40%w =60	0.320

Total Length: 65.00 ft Total Volume: 0.320 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: Resistivity- .47@51deg=16000





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Murfin Drilling Co inc
 250 N Water
 STE 300
 Wichita Ks. 67202+1216
 ATTN: Paul Gunzelman

3-14s-19w Ellis
Stadelman Unit 1-3
 Job Ticket: 44266 **DST#: 3**
 Test Start: 2011.10.28 @ 00:29:05

GENERAL INFORMATION:

Formation: **LKC"H,I,J"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:37:10
 Time Test Ended: 09:07:30
 Interval: **3647.00 ft (KB) To 3714.00 ft (KB) (TVD)**
 Total Depth: 3714.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Andy Carreira
 Unit No: 39
 Reference Elevations: 2225.00 ft (KB)
 2215.00 ft (CF)
 KB to GR/CF: 10.00 ft

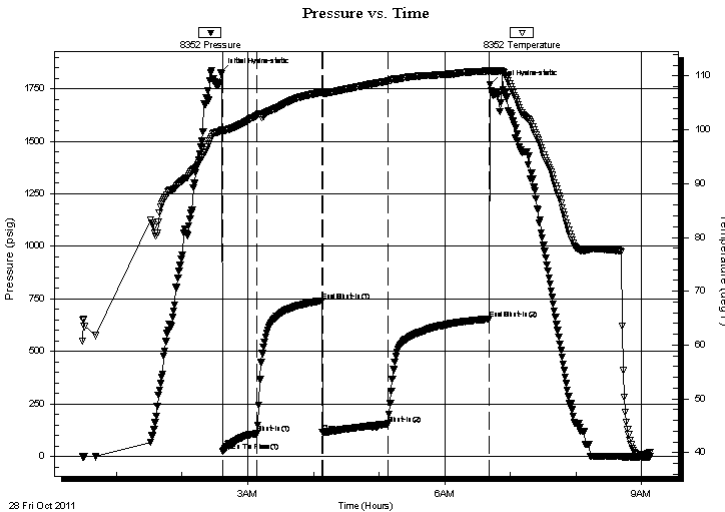
Serial #: 8352

Outside

Press @ Run Depth: 155.10 psig @ 3653.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.10.28 End Date: 2011.10.28 Last Calib.: 2011.10.28
 Start Time: 00:29:05 End Time: 09:07:30 Time On Btm: 2011.10.28 @ 02:35:20
 Time Off Btm: 2011.10.28 @ 06:41:09

TEST COMMENT: IF:(30min) BOB, 17 min
 IS:(60min) No Return
 FF:(60min) BOB, 20min
 FS:(90min) No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1827.58	99.92	Initial Hydro-static
2	22.78	99.60	Open To Flow (1)
34	108.27	102.70	Shut-In(1)
93	741.25	106.99	End Shut-In(1)
94	113.90	106.78	Open To Flow (2)
153	155.10	109.05	Shut-In(2)
246	653.10	110.91	End Shut-In(2)
246	1770.19	111.03	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	GMCO g=5% m=20% w=75%	0.59
60.00	GOCWM g=10% o=10% w=20% m=60%	0.31
55.00	GOCM g=10% o=20% m=70%	0.73
5.00	GCO g=10% o=90%	0.07

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co inc

3-14s-19w Ellis

250 N Water
STE 300
Wichita Ks. 67202+1216
ATTN: Paul Gunzelman

Stadelman Unit 1-3

Job Ticket: 44266 **DST#: 3**
Test Start: 2011.10.28 @ 00:29:05

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:	30000 ppm
Viscosity: 62.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.40 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3900.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

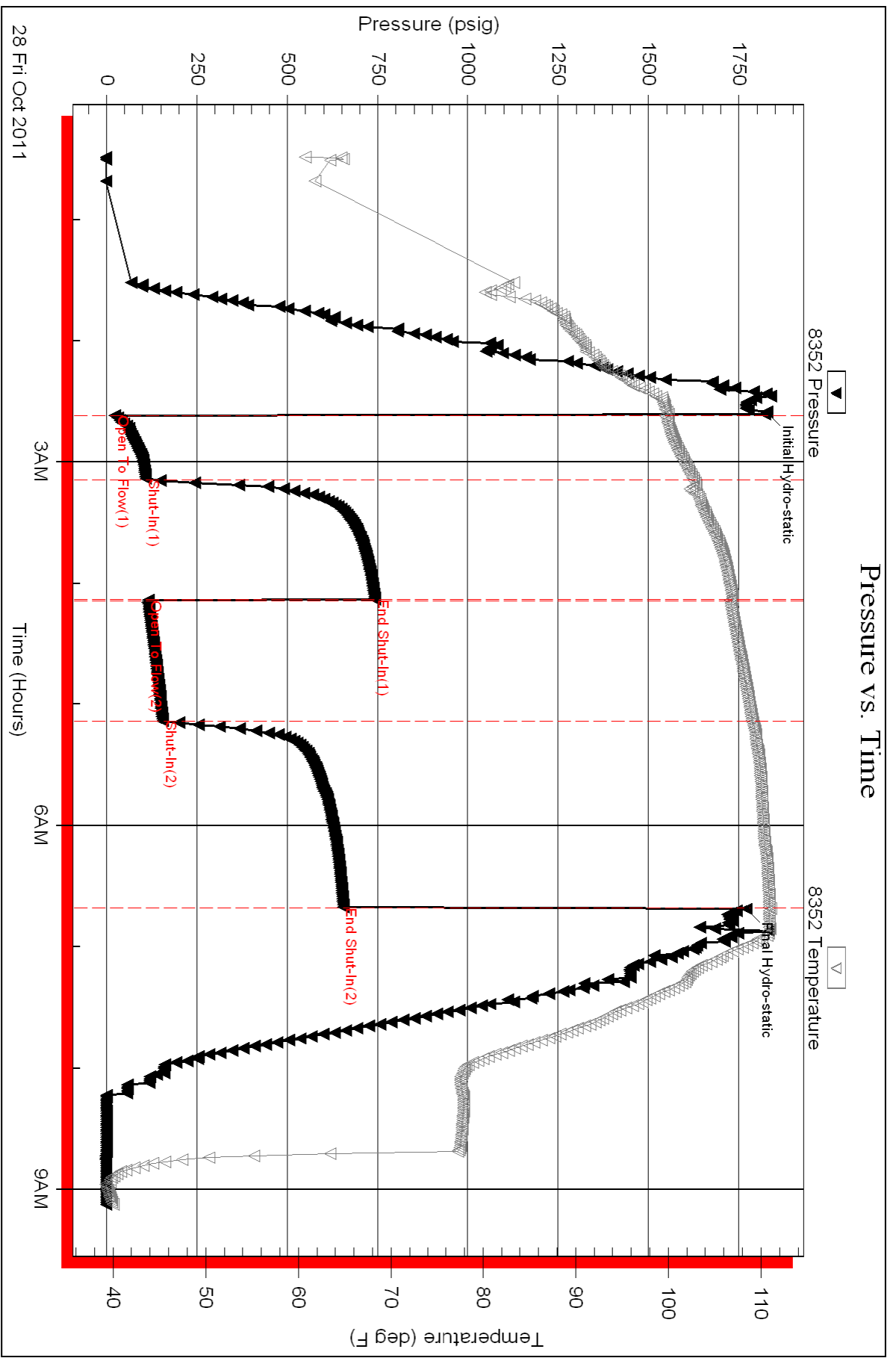
Length ft	Description	Volume bbl
120.00	GMCO g=5% m=20% w =75%	0.590
60.00	GOCWM g=10% o=10% w =20% m=60%	0.309
55.00	GOCM g=10% o=20% m=70%	0.731
5.00	GCO g=10% o=90%	0.066

Total Length: 240.00 ft Total Volume: 1.696 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: Resistivity-.41 @38deg=30000





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

Date: 10/27/2011
 Invoice # 55

P.O.#:

Due Date: 11/26/2011

Division: *Russell*

acct. sig

Invoice

Contact:

Murfin Drilling Company

Address/Job Location:

Murfin Drilling Company

P.O. Box 288

Russell Ks 67665

operator Pay

USED FOR _____

APPROVED _____

Reference:

STADELMAN UNIT 1-3

mdc

Description of Work:

SURFACE JOB

OKM

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	168	\$ 359.66	No				
Calcium Chloride	5	\$ 201.56	Yes				
Pump Truck Mileage-Job to Nearest Camp	9	\$ 96.15	No				
Bulk Truck Mileage-Job to Nearest Bulk Plant	9	\$ 56.26	No				
Premium Gel (Bentonite)	3	\$ 52.28	Yes				

Invoice Terms:

Net 30

SubTotal: \$ 3,832.80

Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice: \$ (574.92)

SubTotal for Taxable Items: \$ 1,991.81

SubTotal for Non-Taxable Items: \$ 1,266.07

Total: \$ 3,257.88

Tax: \$ 125.48

6.30% Ellis County Sales Tax

Amount Due: \$ 3,383.36

Applied Payments:

Balance Due: \$ 3,383.36

Thank You For Your Business!

Past Due Invoices are subject to a service charge (annual rate of 24%)

This does not include any applicable taxes unless it is listed.

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[Handwritten signature]

[Faint stamp]

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 055

Date	10-22-11	Sec.	3	Twp.	14	Range	19	County	Ellis	State	KS	On Location		Finish	9:30 p.m.
Lease	Stadelman Unit	Well No.	1-3		Location		Cementing & Golf Course Rd 1/2 E Minto								
Contractor	Murfin #8				Owner				To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.						
Type Job	Surface				Hole Size				12 1/4 T.D. 220						
Csg.	8 5/8				Depth				220 Charge To Murfin Drlg						
Tbg. Size					Depth				Street						
Tool					Depth				City State						
Cement Left in Csg.	15'				Shoe Joint				The above was done to satisfaction and supervision of owner agent or contractor.						
Meas Line					Displace				13 BCL Cement Amount Ordered 160 com 3% ocl						

EQUIPMENT

Pumptrk	1	No.	Cementer	Maig	Common	160
			Helper			
Bulktrk		No.	Driver	Disco	Poz. Mix	
			Driver			
Bulktrk	8	No.	Driver	Doug	Gel.	3
			Driver			5

JOB SERVICES & REMARKS

Remarks:	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
8 5/8 on bottom. Est. Circulation.	Sand
Mix Kossik & Displace	Handling 168
Cement Circulated!	Mileage

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	
8 5/8 wooden plug	
Pumptrk Charge	Surface
Mileage	9

Travis S
Robert Jan

X Signature

Tax	
Discount	
Total Charge	



*acct
Liz*

INVOICE

24 S. Lincoln Street
P.O. Box 31
Russell, KS 67665-2906

Invoice Number: 129107
Invoice Date: Oct 29, 2011
Page: 1

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

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

Federal Tax I.D.#: 20-5975804

*operator Pay
MOC
BM*

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Murfin	Stadelman <i>unit 1-3</i>	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-03	Russell	Oct 29, 2011	11/28/11

Quantity	Item	Description	Unit Price	Amount
138.00	MAT	Class A Common	16.25	2,242.50
92.00	MAT	Pozmix	8.50	782.00
8.00	MAT	Gel	21.25	170.00
57.00	MAT	Flo Seal	2.70	153.90
238.00	SER	Handling	2.25	535.50
30.00	SER	Mileage	26.18	785.40
1.00	SER	<u>Rotary Plug</u>	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	Heath Long		
1.00	OPER ASSIST	Cody Hoss		

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

\$ 2187.26

ONLY IF PAID ON OR BEFORE
Nov 23, 2011

Subtotal	6,249.30
Sales Tax	393.71
Total Invoice Amount	6,643.01
Payment/Credit Applied	
TOTAL	6,643.01

OKM

BM

ALLIED CEMENTING CO., LLC. 034434

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Russell, KS

DATE <u>10-29-11</u>	SEC. <u>3</u>	TWP. <u>14</u>	RANGE <u>19</u>	CALLED OUT	ON LOCATION	JOB START <u>7:39pm</u>	JOB FINISH <u>8:30pm</u>
LEASE <u>Stadelman</u>	WELL# <u>1-3</u>	LOCATION <u>Yocemento 45 1/2 E</u>			COUNTY <u>Ellis</u>	STATE <u>Ks</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)		<u>10/40</u>					

CONTRACTOR Murfin Drilling #8

TYPE OF JOB Rotary Plug

HOLE SIZE 7 7/8 T.D. 3765

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH 3875

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

OWNER _____

CEMENT AMOUNT ORDERED 230 sk 60/40
4% Gel 114 # E10

COMMON	<u>138</u>	@	<u>16.25</u>	<u>2242.50</u>
POZMIX	<u>92</u>	@	<u>8.50</u>	<u>782.00</u>
GEL	<u>8</u>	@	<u>21.25</u>	<u>170.00</u>
CHLORIDE		@		
ASC		@		
		@		
<u>Flt Seal</u>	<u>57</u>	@	<u>2.70</u>	<u>153.90</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>238</u>	@	<u>2.25</u>	<u>535.50</u>
MILEAGE	<u>141.56</u>	@		<u>785.40</u>
TOTAL				<u>4669.30</u>

EQUIPMENT

PUMP TRUCK CEMENTER Heath

417 HELPER Todd

BULK TRUCK _____

473 DRIVER Cody

BULK TRUCK _____

_____ DRIVER _____

REMARKS:

1st plug @ 3875' 25 sk

2nd @ 1535' 25 sk

3rd @ 765' 100 sk

4th @ 275' 40 sk

5' @ 40' Top off with wiper plug

Rat hole 30 sk

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____ 1250.00

EXTRA FOOTAGE @ _____

MILEAGE 30 @ 7.00 210.00

MANIFOLD @ _____

Ln 30 @ 4.00 120.00

TOTAL 1580.00

PLUG & FLOAT EQUIPMENT

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
TOTAL _____		

CHARGE TO: Murfin Drilling
Paul Guzelman

STREET _____

CITY _____ STATE _____ ZIP _____

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 Robyn Farr

SIGNATURE Robyn Farr

SALES TAX (if Any) _____

TOTAL CHARGES 6249.30

DISCOUNT 35.00 IF PAID IN 30 DAYS