

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

RECEIVED
AUG 20 2010

8/19/12
Form ACO-1
June 2009

Form Must Be Typed
Form must be Signed
Blanks must be Filled

KCC WICHITA

ORIGINAL

OPERATOR: License # 30606
Name: Murfin Drilling Company, Inc.
Address 1: 250 N. Water, Suite 300
Address 2: _____
City: Wichita State: KS Zip: 67202 + _____
Contact Person: Leon Rodak
Phone: (316) 267-3241
CONTRACTOR: License # 30606
Name: Murfin Drilling Company, Inc.
Wellsite Geologist: Brad Rine
Purchaser: None

KCC

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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 #: _____

<u>05/26/10</u>	<u>06/03/10</u>	<u>06/04/10</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 057-20684-0000
Spot Description: _____
SE SW SE Sec. 32 Twp. 27 S. R. 25 East West
330 Feet from North / South Line of Section
1,650 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Ford
Lease Name: Hartman Well #: 1-32
Field Name: Wildcat
Producing Formation: None
Elevation: Ground: 2644 Kelly Bushing: 2655
Total Depth: 5375 Plug Back Total Depth: None
Amount of Surface Pipe Set and Cemented at: 417 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 #: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: _____
Title: VP Production Date: 08/19/10

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: 8/19/10 - 8/19/12
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: Dg Date: 8/23/10

Operator Name: Murfin Drilling Company, Inc. Lease Name: Hartman Well #: 1-32
 Sec. 32 Twp. 27 S. R. 25 East West County: Ford

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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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Dual Induction, Compensated Porosity, Microresistivity	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum See Attached List <div style="text-align: right;"> RECEIVED AUG 20 2010 KCC WICHITA </div>
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CASING RECORD <input checked="" 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
Surface		8 5/8	24#	417	Common	340	3% cc, 2% gel

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				

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	
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 (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 (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Hartman #1-32 330 FSL 1650 FEL Sec. 32-T27S-R25W 2655' KB							#1-35 Dirks C NW NW Sec. 35-T27S-R25W 2625' KB	
Formations	Sample Tops	Datum	Ref	Log tops	Datum	Ref	Log tops	Datum
Krider				2790	-135	+14	2774	-149
Root Shale				3590	-935	+8	3568	-943
Heebner	4346	-1691	-2	4348	-1693	-4	4306	-1689
Lansing	4458	-1803	-7	4464	-1809	-13	4421	-1796
Stark	4778	-2123	+2	4780	-2125	Flat	4750	-2125
Marmaton	4920	-2265	+5	4936	-2281	-11	4895	-2270
Pawnee	5012	-2357	-19	5010	-2355	-17	4963	-2338
Cherokee	5091	-2436	-22	5092	-2437	-23	5039	-2414
Base Pen Lime	5183	-2528	-27	5198	-2543	-42	5126	-2501
Mississippian	5227	-2572	-47	5229	-2574	-49	5150	-2525
RTD	5375						5330	
LTD				5377			5327	

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August 19, 2010

Kansas Corporation Commission
Conservation Division
130 S Market, Room 2078
Wichita, Ks 67202

Re: **Confidential Filing:** ACO-1
API #15-057-20684-0000
Hartman 1-32

To Whom It May Concern:

We are requesting the above referenced well to be held confidential for the maximum of two years.
Let me know if you need any further information on this.

Sincerely,

A handwritten signature in black ink, appearing to read "Elisabeth Heibel", written in a cursive style.

Elisabeth Heibel

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KCC WICHITA

Jun.



CONSOLIDATED
Oil Well Services, LLC

REMIT TO
Consolidated Oil Well Services, LLC
Dept. 970
P.O. Box 4346
Houston, TX 77210-4346

PROD COPY

MAIN OFFICE
P.O. Box 884
Chanute, KS 66720
620/431-9210 • 620/467-8676
FAX 620/431-0012

INVOICE

Invoice # 234528

Invoice Date: 05/31/2010 Terms:

*Operator Pay
mcc/am*

Page 1

MURFIN DRILLING
P.O. BOX 288
RUSSELL KS 67665
() -

HARTMAN 1-32/am
28716
32-27s-25w
5-26-10

KCC
AUG 19 2010

USED FOR _____

CONFIDENTIAL

APPROVED *[Signature]*

Part Number	Description	Qty	Unit Price	Total
1104S	CLASS "A" CEMENT (SALE)	340.00	16.0000	5440.00
1102	CALCIUM CHLORIDE (50#)	950.00	.8800	836.00
1118B	PREMIUM GEL / BENTONITE	640.00	.2000	128.00
1107	FLO-SEAL (25#)	85.00	2.5000	212.50
4106	8 5/8" CEMENT BASKET	1.00	367.0000	367.00
4132	CENTRALIZER 8 5/8"	2.00	79.0000	158.00
4432	8 5/8" WOODEN PLUG	1.00	92.0000	92.00

Sublet Performed	Description	Total
9999-100	CASH DISCOUNT	-2978.55

Description	Hours	Unit Price	Total
439 MIN. BULK DELIVERY	1.00	720.00	720.00
460 MIN. BULK DELIVERY	1.00	720.00	720.00
463 CEMENT PUMP	1.00	985.00	985.00
463 EQUIPMENT MILEAGE (ONE WAY)	60.00	4.50	270.00

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KCC WICHITA

Account	Rig	L	No	Description
03600	02040	3669	7452.68	Cement S. Csg.

Parts:	7233.50	Freight:	.00	Tax:	502.73	AR	7452.68
Labor:	.00	Misc:	.00	Total:	7452.68		
Sublt:	-2978.55	Supplies:	.00	Change:	.00		

Signed _____ Date _____

BARTLESVILLE, OK
918/338-0808

ELDORADO, KS
316/322-7022

EUREKA, KS
620/563-7664

GILLETTE, WY
307/686-4914

MCALISTER, OK
918/426-7667

OTTAWA, KS
785/242-4044

THAYER, KS
620/839-5269

WORLAND, WY
307/347-4577



CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 28716
LOCATION Eureka
FOREMAN Russell McLoy

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
5-26-2010	5406	Hartman 1-32	32	27s	25w	Ford

CUSTOMER
Murphy Drig Co.
MAILING ADDRESS
P.O. Box 661
CITY
Colby STATE
Ks ZIP CODE
67701

TRUCK #	DRIVER	TRUCK #	DRIVER
463	Shannon	KCC	
460	Allen B	AUG 19 2010	
439	Brandon		

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 417 CASING SIZE & WEIGHT 8 5/8
CASING DEPTH 417 DRILL PIPE _____ TUBING _____ OTHER _____
SLURRY WEIGHT 15 # SLURRY VOL 82 Bbl WATER gal/sk 6.5 CEMENT LEFT in CASING 15
DISPLACEMENT 25 1/2 DISPLACEMENT PSI 100 # MIX PSI _____ RATE 5 BPM

REMARKS: Safety meeting, Rig up to 8 5/8 casing, Break circulation w 2 Bbls water. Mix 340 SKs class A Reg cement w/ 3% caltz 2% Gel 1/4 Floccle. Release 8 5/8 wooden Plug Displace w/ 25 1/2 Bbl Fresh water. Good cement Returns to Surface. 15 Bbl to pit. Plug Down 12:30 AM THANKS

Russell McLoy RECEIVED
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ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	1985.00	1985.00
5406	60	MILEAGE	4.50	270.00
11045	340 SKs	CLASS A cement	16.00	5440.00
1102	950 #	caltz = 3%	.88	836.00
1118B	640 #	Gel = 2%	.20	128.00
1107	85 #	Floccle 1/4 # per/sk	2.50	212.50
4106	1	8 5/8 cement BASKET	367.00	367.00
4132	2	8 5/8 Centralizers	79.00	158.00
4432	1	8 5/8 wooden Plug	92.00	92.00
5407	16 Tons	2 Bulk Trucks x 60 miles	1.50	1,440.00
			Sub Total	8928.00
			30% Disc	2678.40
			Total	6249.60
			SALES TAX	502.73
			ESTIMATED TOTAL	6752.33

234528

AUTHORIZATION Dreg Jordan TITLE Tool Pusher DATE 5-26-2010

acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's
Received Time May. 29. 2010 11:04PM No. 2778 on the back of this form are in effect for services identified on this form



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

PROD COPY

INVOICE

Invoice # 234661

Invoice Date: 06/09/2010 Terms:

Page 1

MURFIN DRILLING
P.O. BOX 288
RUSSELL KS 67665
() -

HARTMAN 1-32
24410
32-27S-25W
6-4-10

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Part Number	Description	Qty	Unit Price	Total
1131	60/40 POZ MIX	220.00	13.0000	2860.00
1118B	PREMIUM GEL / BENTONITE	756.00	.2000	151.20
1107	FLO-SEAL (25#)	55.00	2.5000	137.50

Sublet Performed	Description	Total
9999-100	CASH DISCOUNT	-1642.11

Description	Hours	Unit Price	Total
439 TON MILEAGE DELIVERY	1.00	855.00	855.00
463 P & A NEW WELL	1.00	1200.00	1200.00
463 EQUIPMENT MILEAGE (ONE WAY)	60.00	4.50	270.00

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APPROVED

Account	Qty	Unit Price	Total	Description
03600	020 W	3669	4050.43	PTA

Parts:	3148.70	Freight:	.00	Tax:	218.84	AR	4050.43
Labor:	.00	Misc:	.00	Total:	4050.43		
Sublt:	-1642.11	Supplies:	.00	Change:	.00		

Signed _____ Date _____



CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 24410
LOCATION Oakley Ks
FOREMAN Walt Dinkel

PO Box 884, Chanute, KS 66720
820-431-9210 or 800-467-8576

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-4-10	5406	Hartman 1-32	32	27 ^s	25 ^w	Ford
CUSTOMER Murfin Drilling Co			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS P.O. Box 661			463	Shanon	Feck	
CITY Colby			439	Brandon	Wood	
STATE Ks		ZIP CODE 67701				

JOB TYPE PTA HOLE SIZE _____ HOLE DEPTH 5376 CASING SIZE & WEIGHT ACC
 CASING DEPTH _____ DRILL PIPE 4 1/2" XH-1710 TUBING _____ OTHER AUG 1 9 2010
 SLURRY WEIGHT 12.8 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE 5 BPM **CONFIDENTIAL**

REMARKS: Set cement plugs 2
50 SKs @ 1710'
50 SKs @ 810'
50 SKs @ 450'
20 SKs @ 60'

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Thank you From
Walt & Crew

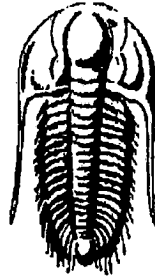
ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5405 N	1	PUMP CHARGE	1,200 ⁰⁰	1,200 ⁰⁰
5406	60	MILEAGE 60 miles	4 ⁵⁰	270 ⁰⁰
1131	220	60/40 per mix	13 ⁰⁰	2,860 ⁰⁰
1118 B	756 #	Premium Gal	120 ⁴	151 ²⁰
1107	55 #	Celo-Flake	2 ⁵⁰	137 ⁵⁰
5407A	60 miles	Tax miles (9.5 Tax)	1 ⁵⁰	855 ⁰⁰
<u>234661</u>				
Subtotal				5,493 ⁷⁰
Less Discount				-1,642 ¹¹
			SALES TAX	218 ⁸⁴
			ESTIMATED TOTAL	4050 ⁴³

Form 3737

AUTHORIZATION Greg Anderson

TITLE Tool Pusher

DATE 6-4-10



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co., Inc.**

250 N Water STE
Wichita, KS 67202

KCC
AUG 19 2010
CONFIDENTIAL

ATTN: Brad Rine

32-27-25 Ford KS

Hartman #1-32

Start Date: 2010.06.03 @ 02:43:05

End Date: 2010.06.03 @ 10:44:59

Job Ticket #: 38260 DST #: 1

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KCC WICHITA

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Murfin Drilling Co., Inc.

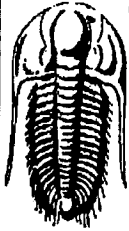
Hartman #1-32

32-27-25 Ford KS

DST # 1

Morrow

2010.06.03



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Murfin Drilling Co., Inc.

Hartman #1-32

250 N Water STE
Wichita, KS 67202

32-27-25 Ford KS

Job Ticket: 38260

DST#: 1

ATTN: Brad Rine

Test Start: 2010.06.03 @ 02:43:05

GENERAL INFORMATION:

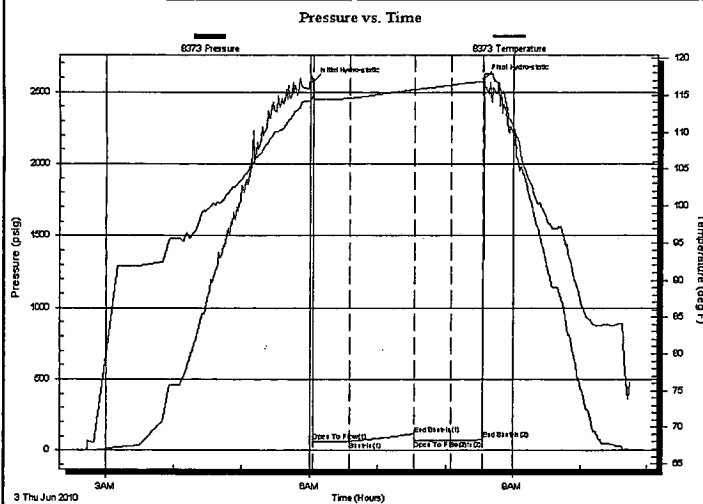
Formation: **Morrow**
 Deviated: **No Whipstock:** ft (KB)
 Test Type: **Conventional Bottom Hole**
 Time Tool Opened: 06:03:00
 Tester: **Mike Roberts**
 Time Test Ended: 10:44:59
 Unit No: **35**
 Interval: **5157.00 ft (KB) To 5243.00 ft (KB) (TVD)**
 Reference Elevations: **2655.00 ft (KB)**
 Total Depth: **5243.00 ft (KB) (TVD)**
2645.00 ft (CF)
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**
 KB to GR/CF: **10.00 ft**

Serial #: 8373

Inside

Press@RunDepth: **67.04 psig @ 5160.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2010.06.03** End Date: **2010.06.03** Last Calib.: **2010.06.03**
 Start Time: **02:43:05** End Time: **10:44:59** Time On Btm: **2010.06.03 @ 06:02:45**
 Time Off Btm: **2010.06.03 @ 08:34:14**

TEST COMMENT: IF: Built to 1/8" blow died to weak surface blow in 15 min
 IS: No return blow
 FF: No blow
 FS: No return blow



PRESSURE SUMMARY

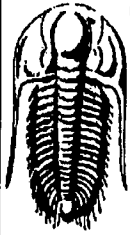
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2569.01	114.88	Initial Hydro-static
1	62.78	114.19	Open To Flow (1)
33	64.79	114.59	Shut-In(1)
90	111.75	115.77	End Shut-In(1)
90	70.06	115.75	Open To Flow (2)
122	67.04	116.37	Shut-In(2)
151	74.34	116.91	End Shut-In(2)
152	2589.53	117.62	Final Hydro-static

Recovery

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

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co., Inc.

Hartman #1-32

250 N Water STE
Wichita, KS 67202

32-27-25 Ford KS

Job Ticket: 38260

DST#: 1

ATTN: Brad Rine

Test Start: 2010.06.03 @ 02:43:05

Tool Information

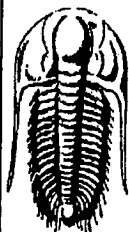
Drill Pipe:	Length: 4976.00 ft	Diameter: 3.80 inches	Volume: 69.80 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 179.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 70.68 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 63000.00 lb
Depth to Top Packer:	5157.00 ft			Final 63000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	86.00 ft			
Tool Length:	114.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Stubb	1.00			5130.00	
Shut In Tool	5.00			5135.00	
Hydraulic tool	5.00			5140.00	
Jars	5.00			5145.00	
Safety Joint	3.00			5148.00	
Packer	5.00			5153.00	28.00 Bottom Of Top Packer
Packer	4.00			5157.00	
Stubb	1.00			5158.00	
Perforations	2.00			5160.00	
Recorder	0.00	8373	Inside	5160.00	
Recorder	0.00	8289	Outside	5160.00	
Change Over Sub	1.00			5161.00	
Drill Pipe	62.00			5223.00	
Change Over Sub	1.00			5224.00	
Perforations	14.00			5238.00	
Bullnose	5.00			5243.00	86.00 Bottom Packers & Anchor
Total Tool Length:	114.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co., Inc.

Hartman #1-32

250 N Water STE
Wichita, KS 67202

32-27-25 Ford KS

Job Ticket: 38260

DST#: 1

ATTN: Brad Rine

Test Start: 2010.06.03 @ 02:43:05

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: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.37 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 4400.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

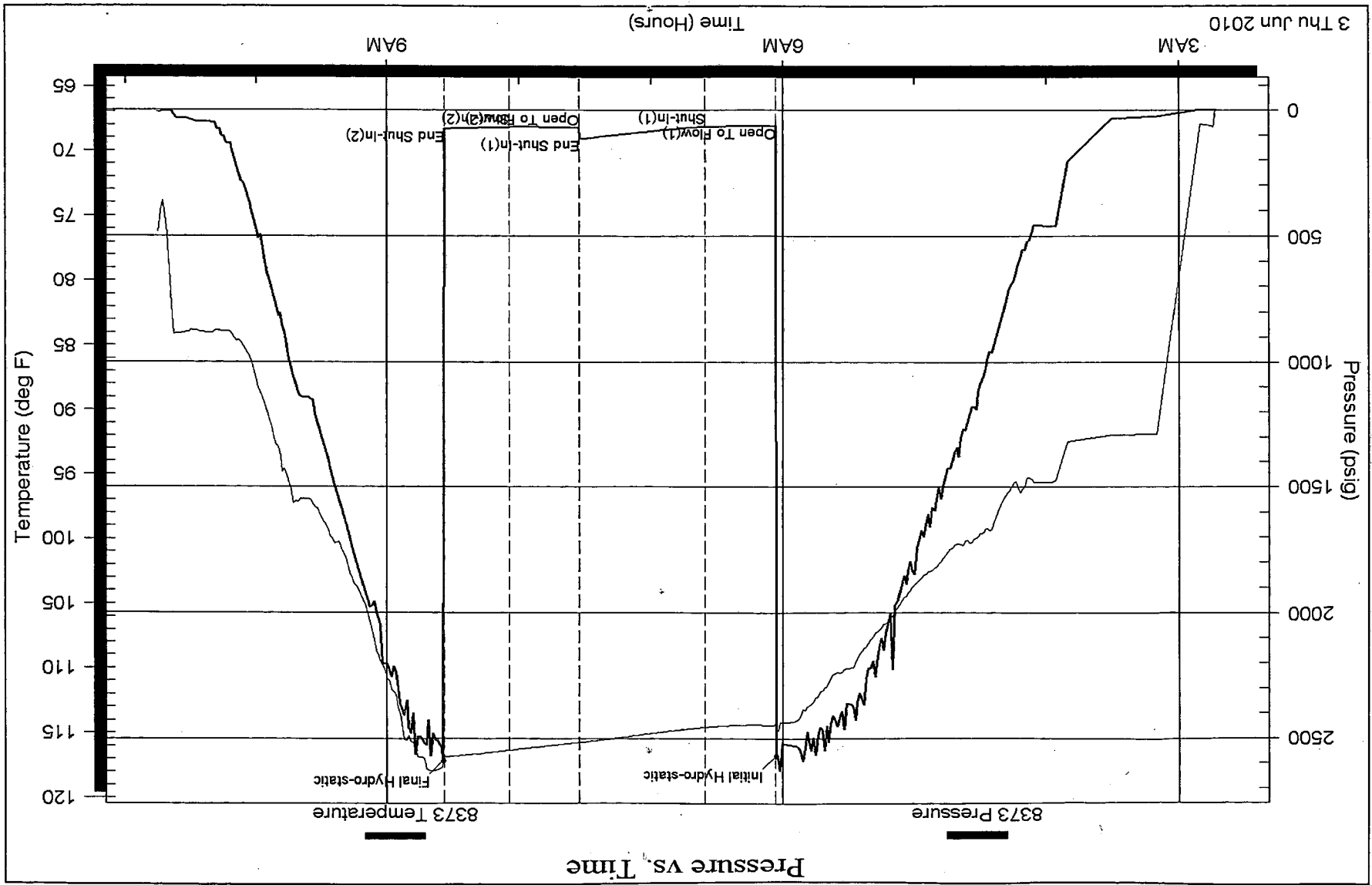
Length ft	Description	Volume bbl
10.00	100% m	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:



Pressure vs. Time

8373 Temperature

8373 Pressure

3 Thu Jun 2010

Time (Hours)

9AM

6AM

3AM

Temperature (deg F)

Pressure (psig)