



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: _____



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> _____ <i>(Submit ACO-4)</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

July 21, 2011

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

Re: ACO1
API 15-039-21134-00-00
Fox 'A' 2-34
NW/4 Sec.34-03S-27W
Decatur 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
 Fox 'A' #2-34
 900 FNL 900 FWL
 Sec. 34-T3S-R27W
 2612' KB

Raymond Oil Co.
 Steffan #3
 W2 NW NW
 Sec. 34-T3S-R27W
 2622' KB

Formation	Sample top	Datum	Ref	Log Top	Datum	Ref	Log Top	Datum
Anhydrite	2134	+478	-8	2134	+478	-8	2136	+486
B/Anhydrite	2166	+446	-9	2164	+448	-7	2167	+455
Topeka	3303	-691	-3	3302	-690	-2	3310	-688
Heebner	3472	-860	-3	3470	-858	-1	3479	-857
Toronto	3499	-887	-3	3498	-886	-2	3506	-884
Lansing	3512	-900	-2	3512	-900	-2	3520	-898
BKC	3718	-1106	Flat	3718	-1106	Flat	3728	-1106
RTD	3800						3736	
LTD				3801			3736	



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Murfin Drilling Co.
250 N. Water Suite 300 Wichita Ks. 67202
ATTN: Brad Rine

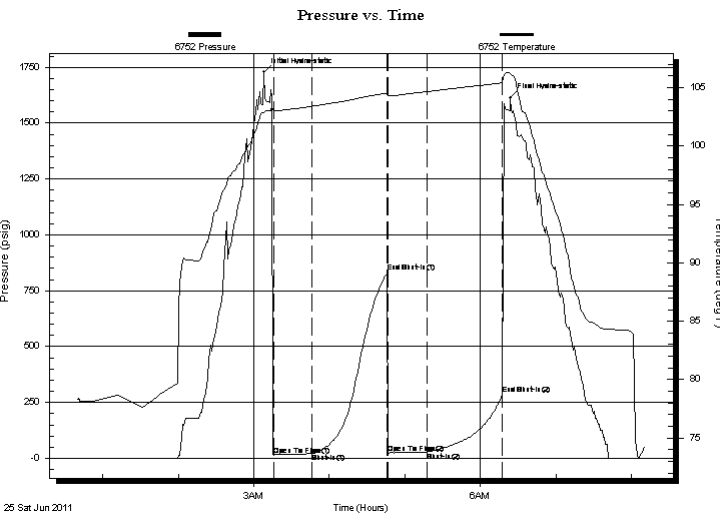
Fox- A #2-34
34 3s 27w Decatur Ks
Job Ticket: 43704 **DST#: 1**
Test Start: 2011.06.25 @ 00:40:00

GENERAL INFORMATION:

Formation: **Oread**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:15:30
Time Test Ended: 08:10:30
Interval: **3422.00 ft (KB) To 3469.00 ft (KB) (TVD)**
Total Depth: 3469.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Chuck Kreuzer Jr.
Unit No: 36
Reference Elevations: 2612.00 ft (KB)
2607.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6752 Inside
Press @ Run Depth: 27.91 psig @ 3423.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.06.25 End Date: 2011.06.25 Last Calib.: 2011.06.25
Start Time: 00:40:05 End Time: 08:10:29 Time On Btm: 2011.06.25 @ 03:08:00
Time Off Btm: 2011.06.25 @ 06:24:00

TEST COMMENT: IF: Weak surface blow over 30 mins.
IS: No blow back over 60 mins.
FF: No blow over 30 mins.
FS: No blow back over 60 mins.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1726.88	102.89	Initial Hydro-static
8	16.03	103.09	Open To Flow (1)
39	20.80	103.41	Shut-In(1)
98	831.97	104.52	End Shut-In(1)
99	23.95	104.30	Open To Flow (2)
130	27.91	104.66	Shut-In(2)
190	288.15	105.42	End Shut-In(2)
196	1611.97	106.21	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	HMCO-20% m80% o	0.05

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co.
250 N. Water Suite 300 Wichita Ks. 67202
ATTN: Brad Rine

Fox- A #2-34
34 3s 27w Decatur Ks
Job Ticket: 43704 **DST#: 1**
Test Start: 2011.06.25 @ 00:40:00

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: 67.00 sec/qt	Cushion Volume: bbl		
Water Loss: 5.60 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1000.00 ppm			
Filter Cake: 2.00 inches			

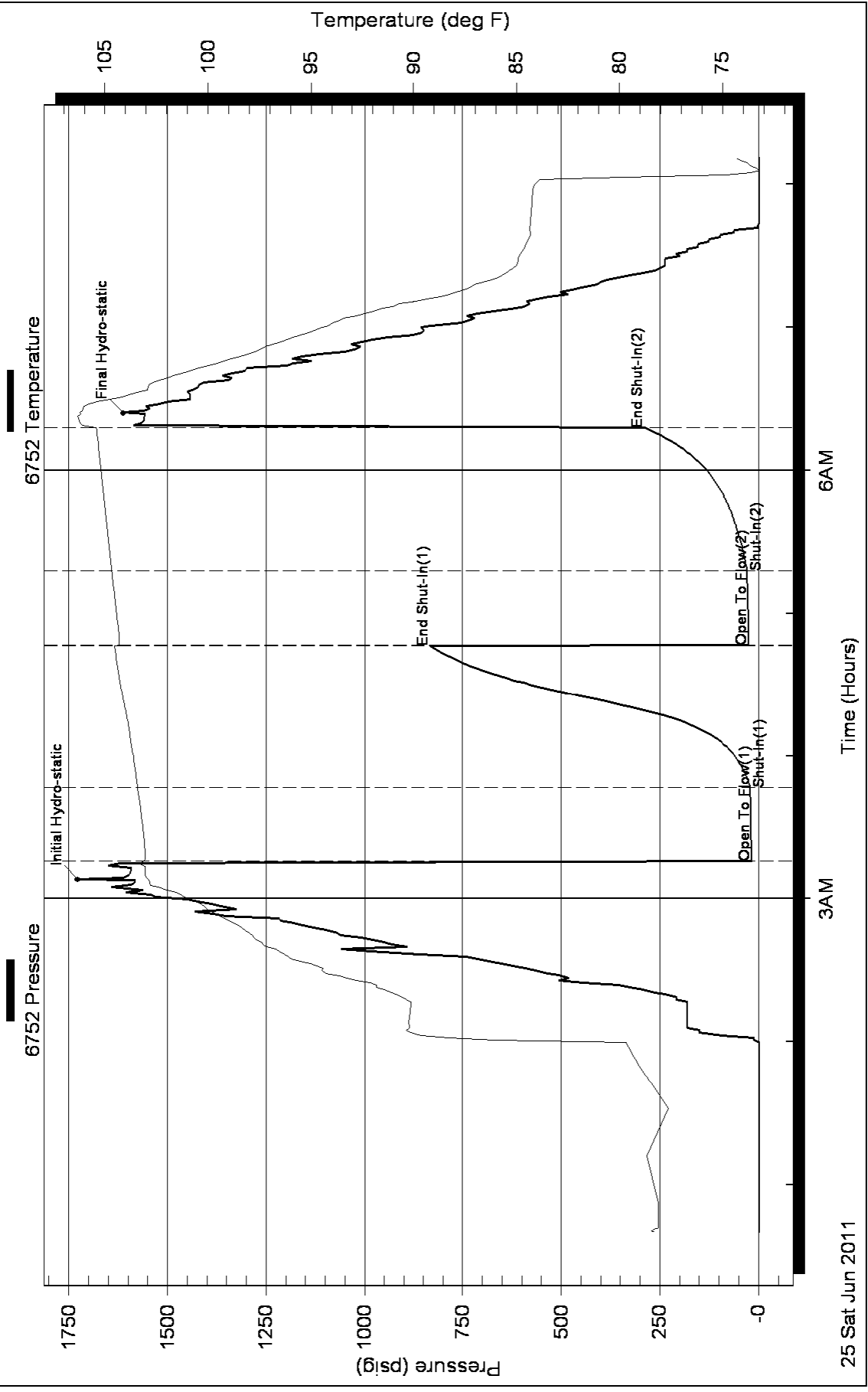
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	HMCO-20% m80%o	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



25 Sat Jun 2011



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Murfin Drilling Co.
 250 N. Water Suite 300 Wichita Ks. 67202
 ATTN: Brad Rine

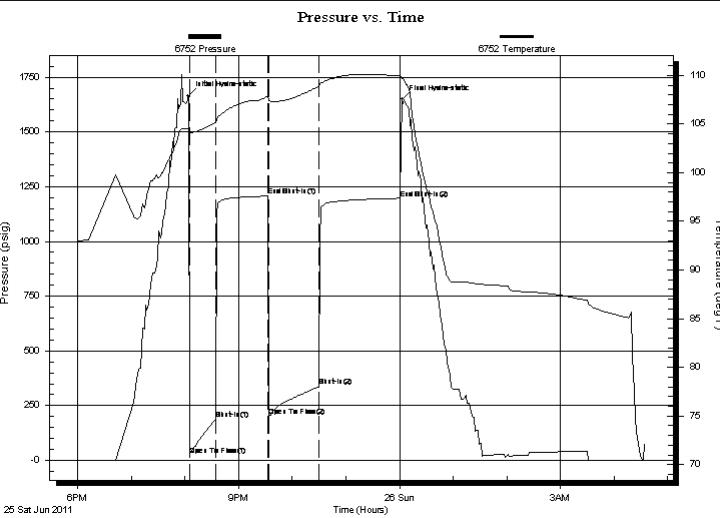
Fox- A #2-34
34 3s 27w Decatur Ks
 Job Ticket: 43705 **DST#: 2**
 Test Start: 2011.06.25 @ 18:00:00

GENERAL INFORMATION:

Formation: **Toronto, LKC- A**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 20:05:00
 Time Test Ended: 04:34:00
 Interval: **3480.00 ft (KB) To 3532.00 ft (KB) (TVD)**
 Total Depth: 3522.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Chuck Kreuzer Jr.
 Unit No: 36
 Reference Elevations: 2612.00 ft (KB)
 2607.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6752 Inside
 Press @ Run Depth: 337.18 psig @ 3471.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.06.25 End Date: 2011.06.26 Last Calib.: 2011.06.26
 Start Time: 18:00:05 End Time: 04:34:00 Time On Btm: 2011.06.25 @ 20:04:00
 Time Off Btm: 2011.06.26 @ 00:03:00

TEST COMMENT: IF: Fair blow , Built to B.O.B over 30 mins.
 IS: No blow back over 60 mins.
 FF: Fair blow , Built to B.O.B over 22 mins.
 FS: No blow back over 90 mins.



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1665.51	104.51	Initial Hydro-static
1	22.64	104.30	Open To Flow (1)
31	189.99	105.18	Shut-In(1)
89	1207.11	107.86	End Shut-In(1)
90	199.78	107.55	Open To Flow (2)
146	337.18	108.88	Shut-In(2)
237	1196.80	109.94	End Shut-In(2)
239	1648.82	109.67	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
515.00	gocmw -1%g3%o5%m91%w	2.53
124.00	gocmw -5%g15%o10%m70%w	1.74
62.00	gmco-5%g5%m90%o	0.87
30.00	go-5%g95%o	0.42

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co.
250 N. Water Suite 300 Wichita Ks. 67202
ATTN: Brad Rine

Fox- A #2-34
34 3s 27w Decatur Ks
Job Ticket: 43705 **DST#: 2**
Test Start: 2011.06.25 @ 18:00:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 8.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 5.99 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1700.00 ppm			
Filter Cake: 2.00 inches			

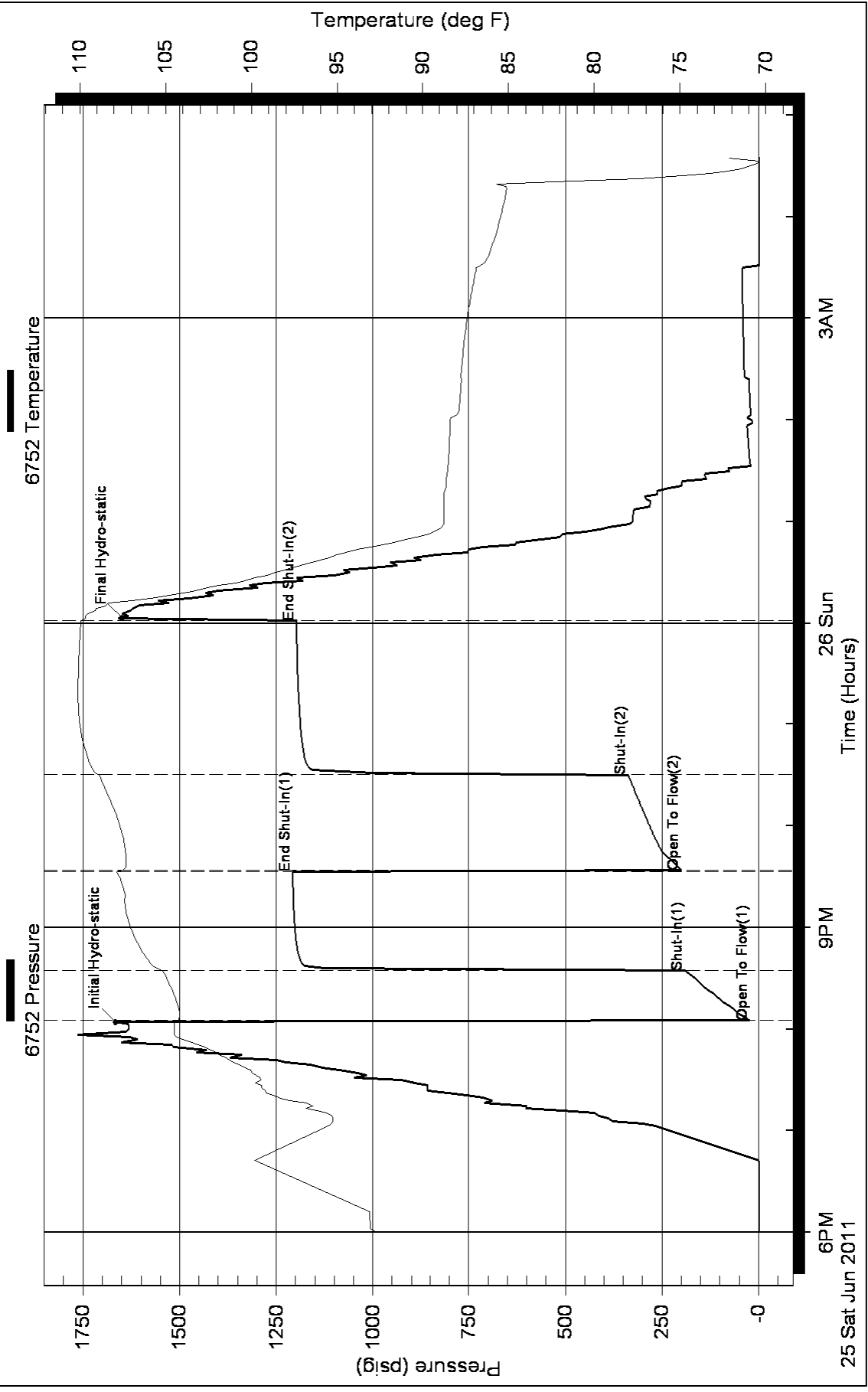
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
515.00	gocmw -1%g3%o5%m91%w	2.533
124.00	gocmw -5%g15%o10%m70%w	1.739
62.00	gmco-5%g5%m90%o	0.870
30.00	go-5%g95%o	0.421

Total Length: 731.00 ft Total Volume: 5.563 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: Gravity-19@82*=16.8 corrected gravity.

Pressure vs. Time





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Murfin Drilling Co.
250 N. Water Suite 300 Wichita Ks. 67202
ATTN: Brad Rine

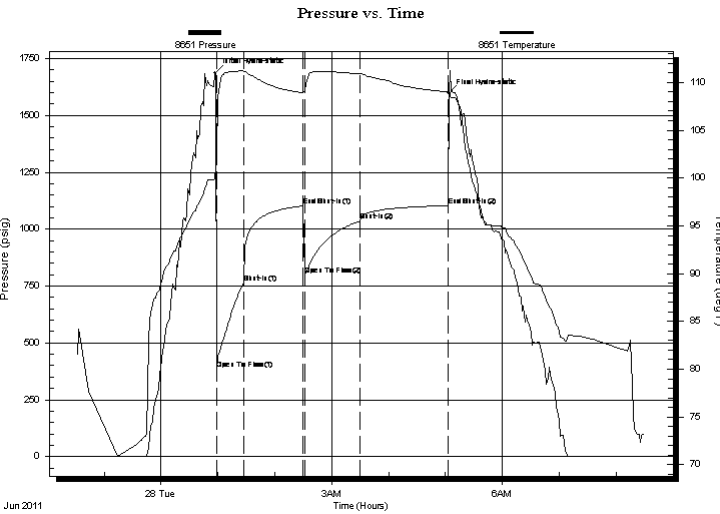
Fox- A #2-34
34 3s 27w Decatur Ks
Job Ticket: 43706 **DST#: 3**
Test Start: 2011.06.27 @ 22:32:00

GENERAL INFORMATION:

Formation: **LSG "B,C,D"**
Deviated: No Whipstock: (KB) Test Type: Conventional Bottom Hole
Time Tool Opened: 00:58:30 Tester: Kevin Mack
Time Test Ended: 08:31:00 Unit No: 36
Interval: 3527.00 ft (KB) To 3566.00 ft (KB) (TVD) Reference Elevations: 2612.00 ft (KB)
Total Depth: 3566.00 ft (KB) (TVD) 2607.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

Serial #: 8651 Outside
Press @ Run Depth: 1035.48 psig @ 3528.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.06.27 End Date: 2011.06.28 Last Calib.: 2011.06.28
Start Time: 22:32:05 End Time: 08:31:00 Time On Btm: 2011.06.28 @ 00:57:30
Time Off Btm: 2011.06.28 @ 05:03:30

TEST COMMENT: IF: BoB in 1 1/2 min.
IS: No Return
FF: BoB in 2 min
FS: No Return Max H2S 35ppm



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1687.64	99.87	Initial Hydro-static
1	386.34	102.29	Open To Flow (1)
30	764.11	111.17	Shut-In(1)
93	1102.20	108.90	End Shut-In(1)
94	797.92	109.00	Open To Flow (2)
153	1035.48	110.92	Shut-In(2)
246	1104.30	109.00	End Shut-In(2)
246	1597.97	109.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Heavy Mud 100M	0.02
660.00	Water 100W	4.61
434.00	MW 95W 5M	6.09
620.00	MW 90W 10M	8.70
310.00	MW 70W 30M	4.35
155.00	OSWM 40W 60M (oil spots)	2.17

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co.
250 N. Water Suite 300 Wichita Ks. 67202
ATTN: Brad Rine

Fox- A #2-34
34 3s 27w Decatur Ks
Job Ticket: 43706 **DST#: 3**
Test Start: 2011.06.27 @ 22:32:00

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:	75000 ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 5.99 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2800.00 ppm			
Filter Cake: 2.00 inches			

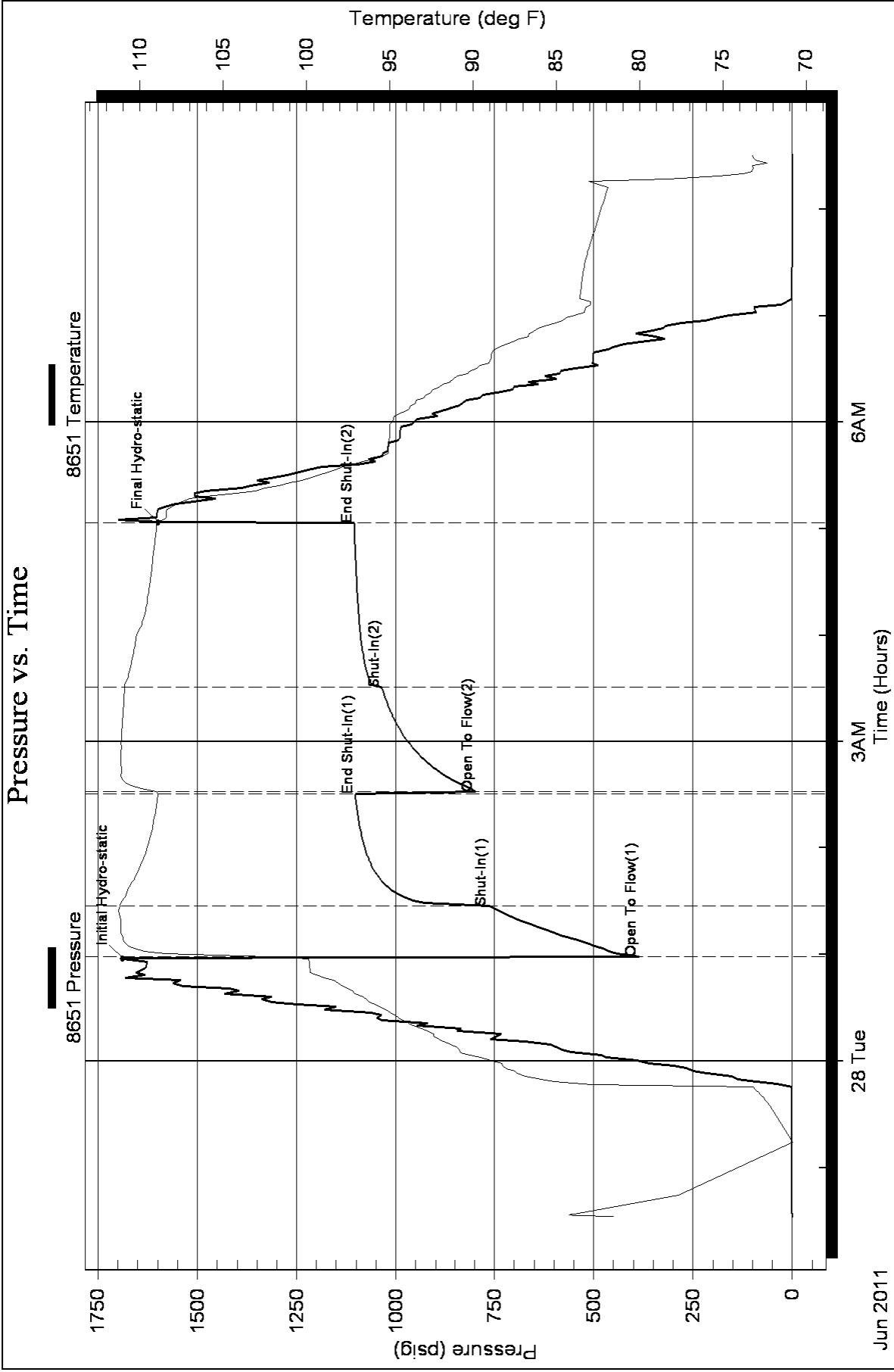
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Heavy Mud 100M	0.025
660.00	Water 100W	4.612
434.00	MW 95W 5M	6.088
620.00	MW 90W 10M	8.697
310.00	MW 70W 30M	4.348
155.00	OSWM 40W 60M (oil spots)	2.174

Total Length: 2184.00 ft Total Volume: 25.944 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: RW .13 @ 62 deg=75000ppm
Max H2S 35 ppm.





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Murfin Drilling Co.
250 N. Water Suite 300 Wichita Ks. 67202
ATTN: Brad Rine

Fox- A #2-34
34 3s 27w Decatur Ks
Job Ticket: 43707 **DST#: 4**
Test Start: 2011.06.28 @ 17:33:00

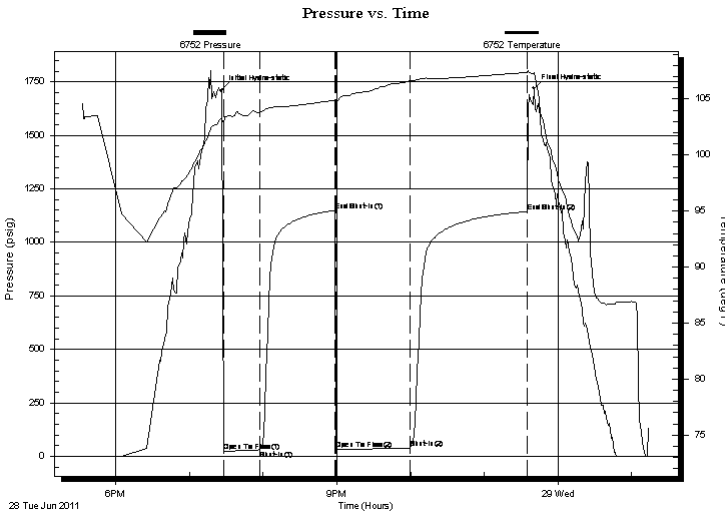
GENERAL INFORMATION:

Formation: **LSG "E,F,G,H"**
 Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole
 Time Tool Opened: 19:27:30 Tester: Kevin Mack
 Time Test Ended: 01:14:30 Unit No: 36
 Interval: **3588.00 ft (KB) To 3615.00 ft (KB) (TVD)** Reference Elevations: 2612.00 ft (KB)
 Total Depth: 3615.00 ft (KB) (TVD) 2607.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

Serial #: 6752 Inside
 Press @ Run Depth: 39.77 psig @ 3589.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.06.28 End Date: 2011.06.29 Last Calib.: 2011.06.29
 Start Time: 17:33:05 End Time: 01:14:29 Time On Btm: 2011.06.28 @ 19:26:30
 Time Off Btm: 2011.06.28 @ 23:40:30

TEST COMMENT: IF: Blow built to 1/2"
 IS: No Return
 FF: No Blow
 FS: No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1712.41	103.24	Initial Hydro-static
1	22.03	102.80	Open To Flow (1)
31	30.46	103.87	Shut-In(1)
92	1149.60	104.91	End Shut-In(1)
93	31.12	104.70	Open To Flow (2)
153	39.77	106.63	Shut-In(2)
248	1143.53	107.37	End Shut-In(2)
254	1719.04	107.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Mud 100M	0.10

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co.
250 N. Water Suite 300 Wichita Ks. 67202
ATTN: Brad Rine

Fox- A #2-34
34 3s 27w Decatur Ks
Job Ticket: 43707 **DST#: 4**
Test Start: 2011.06.28 @ 17:33:00

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: 59.00 sec/qt	Cushion Volume: bbl		
Water Loss: 5.60 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2600.00 ppm			
Filter Cake: 2.00 inches			

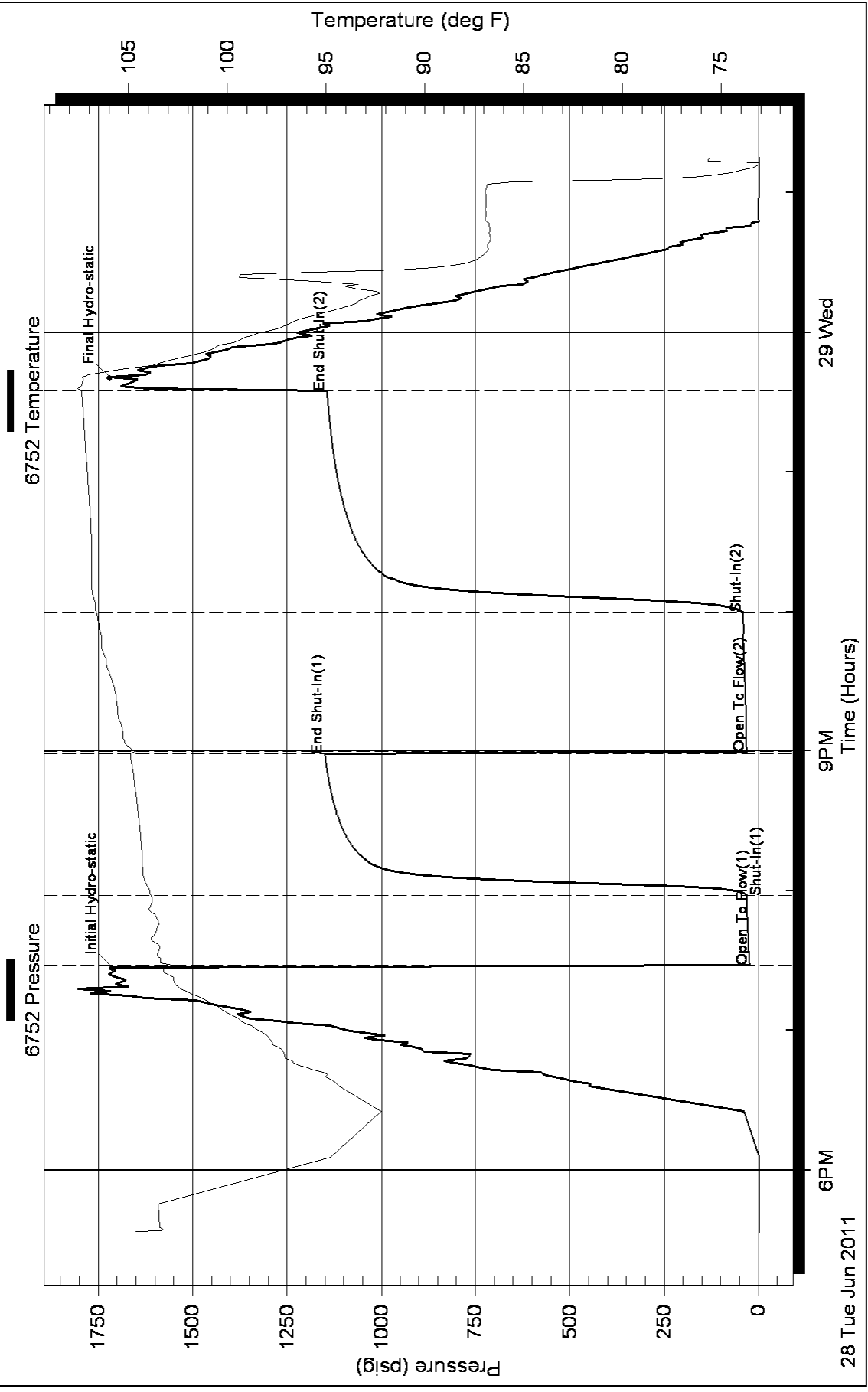
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	Mud 100M	0.098

Total Length: 20.00 ft Total Volume: 0.098 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

Murfin Drilling Co.
250 N. Water Suite 300 Wichita Ks. 67202
ATTN: Brad Rine

Fox- A #2-34
34 3s 27w Decatur Ks
Job Ticket: 43708 **DST#: 5**
Test Start: 2011.06.29 @ 08:23:00

GENERAL INFORMATION:

Formation: **LKC "H"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 10:22:30
Time Test Ended: 16:22:00
Interval: **3609.00 ft (KB) To 3643.00 ft (KB) (TVD)**
Total Depth: 3643.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Reference Elevations: 2612.00 ft (KB)
2607.00 ft (CF)
KB to GR/CF: 5.00 ft
Test Type: Conventional Bottom Hole
Tester: Kevin Mack
Unit No: 36

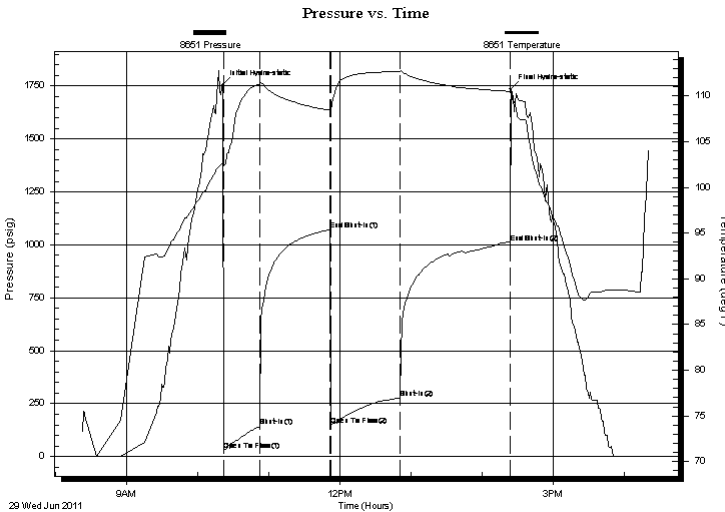
Serial #: 8651

Outside

Press @ Run Depth: 277.25 psig @ 3610.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.06.29 End Date: 2011.06.29 Last Calib.: 2011.06.29
Start Time: 08:23:05 End Time: 16:21:59 Time On Btm: 2011.06.29 @ 10:21:30
Time Off Btm: 2011.06.29 @ 14:24:30

TEST COMMENT: IF: Blow built to 9 3/4"
IS: No Return
FF: Blow started at 3 min. Built to BoB in 50 min.
FS: No Return Max H2s: 2 ppm

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1755.89	102.70	Initial Hydro-static
1	28.82	102.40	Open To Flow (1)
31	143.27	111.31	Shut-In(1)
90	1071.16	108.45	End Shut-In(1)
91	146.02	108.41	Open To Flow (2)
149	277.25	112.67	Shut-In(2)
242	1009.63	110.50	End Shut-In(2)
243	1737.85	110.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	WM 45W 55M	0.30
130.00	MW 90W 10M	0.64
365.00	MW 80W 20M	2.18
3.00	MCWO 90o 5W 5M	0.04

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co.
250 N. Water Suite 300 Wichita Ks. 67202
ATTN: Brad Rine

Fox- A #2-34
34 3s 27w Decatur Ks
Job Ticket: 43708 **DST#: 5**
Test Start: 2011.06.29 @ 08:23:00

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: 120000 ppm	
Viscosity: 58.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.00 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 3600.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	WM 45W 55M	0.305
130.00	MW 90W 10M	0.639
365.00	MW 80W 20M	2.178
3.00	MCWO 90o 5W 5M	0.042

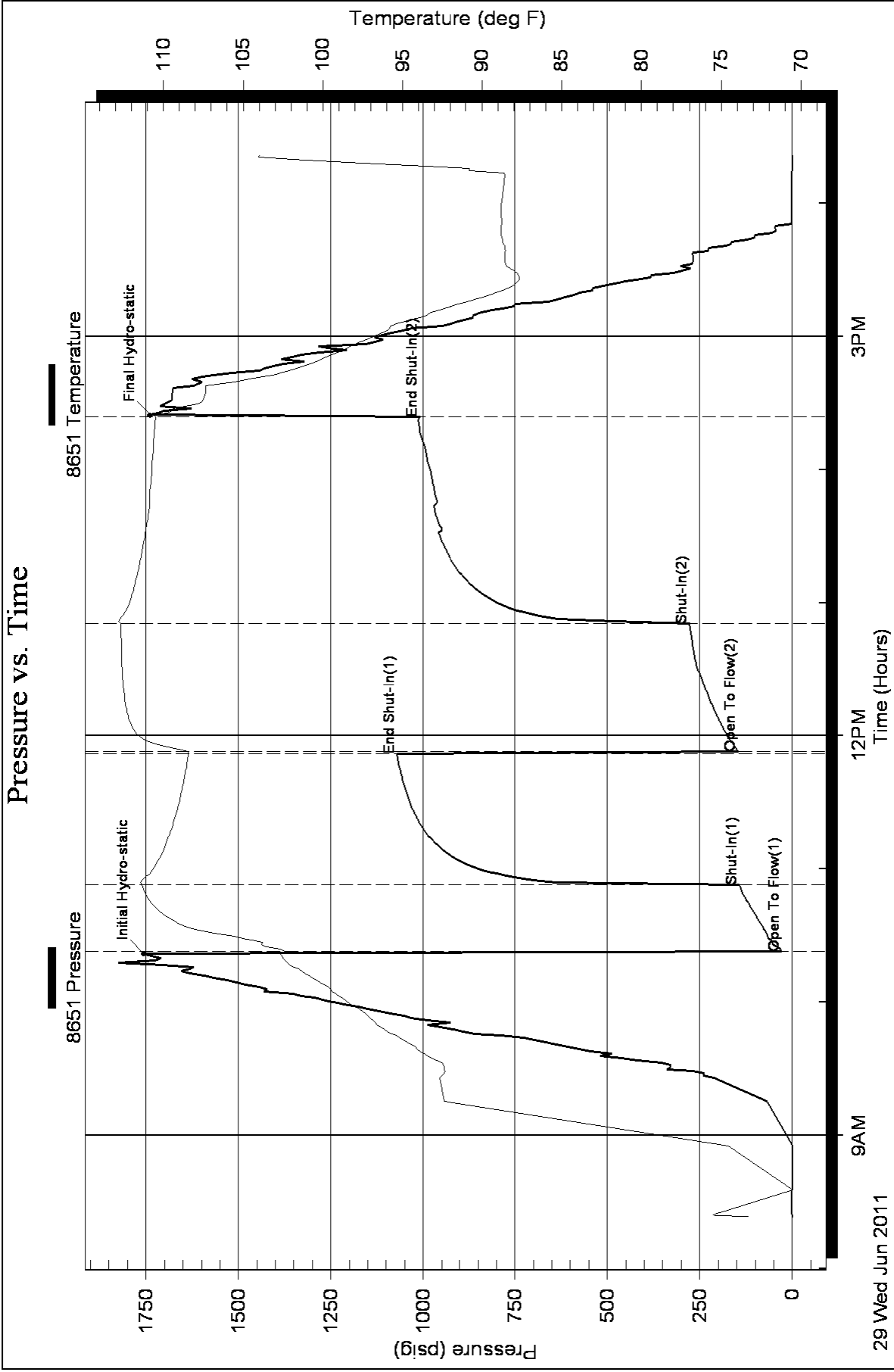
Total Length: 560.00 ft Total Volume: 3.164 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW .05 @ 97 deg.= 120000 ppm
Max H2s: 2 ppm

Pressure vs. Time





PO BOX 31 Russell, KS 67665

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INVOICE

PROD COPY

Invoice Number: 127667

Invoice Date: Jun 20, 2011

Page: 1

Voice: (785) 483-3887

Fax: (785) 483-5566

Bill To:

Murfin Drilling Co.
P.O. Box 661
Colby, KS 67701

Federal Tax I.D.#: 20-5975804

MDC Pay
OR

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Murfin	Fox A #2-34	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Jun 20, 2011	7/20/11

Quantity	Item	Description	Unit Price	Amount
165.00	MAT	Class A Common	16.25	2,681.25
6.00	MAT	Chloride	58.20	349.20
171.00	SER	Handling	2.25	384.75
62.00	SER	Mileage 171 sx @ .11 per sk per mi	18.81	1,166.22
1.00	SER	Surface	1,125.00	1,125.00
124.00	SER	Pump Truck Mileage	7.00	868.00
1.00	SER	Manifold Rental	200.00	200.00
124.00	SER	Light Vehicle Mileage	4.00	496.00
1.00	EQP	8.5/8 Wooden Plug	92.00	92.00
1.00	CEMENTER	Alan Ryan		
1.00	EQUIP OPER	Wayne McGhghy		
1.00	OPER ASSIST	Chris Helpingstine		

Account ID 203
3. 2395.0002
4590.36 Cement
(2876.84)
S. (Sg.), #2-34

Subtotal	7,362.42
Sales Tax	227.94
Total Invoice Amount	7,590.36
Payment/Credit Applied	
TOTAL	7,590.36

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

\$ 2576.84

ONLY IF PAID ON OR BEFORE
Jul 15, 2011

-2576.84
3013.52

ALLIED CEMENTING CO., LLC. 039965

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Oakley, Ky

DATE <i>6/20/11</i>	SEC <i>34</i>	TWP <i>3</i>	RANGE <i>27</i>	CALLED OUT	ON LOCATION	JOB START <i>5:30p</i>	JOB FINISH <i>6:00p</i>
LEASE <i>Fox A</i>	WELL# <i>2-34</i>	LOCATION <i>Dresden 9N 4 E 1/4 S</i>		COUNTY <i>Heater</i>	STATE <i>Ky</i>		
OLD OR <input checked="" type="radio"/> NEW (Circle one)				<i>EMD</i>			

CONTRACTOR *Murfin 3*

TYPE OF JOB *Surface*

HOLE SIZE *12 1/4* T.D. *219*

CASING SIZE *8 3/8* DEPTH *219*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. *15'*

PERFS.

DISPLACEMENT *12,994#*

OWNER *Same*

CEMENT AMOUNT ORDERED *165 Con 3070 CC*

EQUIPMENT

PUMP TRUCK CEMENTER *Alan*

422 HELPER *Wayne*

BULK TRUCK

347 DRIVER *Chris*

BULK TRUCK

DRIVER

COMMON	<i>165</i>	@ <i>16.25</i>	<i>2681.25</i>
POZMIX		@	
GEL		@	
CHLORIDE	<i>6</i>	@ <i>58.20</i>	<i>349.20</i>
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING		@ <i>2.25</i>	<i>384.75</i>
MILEAGE <i>114 SK/mile</i>			<i>1166.22</i>
TOTAL			<i>4581.42</i>

REMARKS:
Run 8 3/8 Casing, Circulate, Mix Cement, Displace Cement, Wash out collar

Cement Did Circulate

Thank You Alan, Wayne, Chris

CHARGE TO: *Murfin Drilling*

STREET

CITY STATE ZIP

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE *1125.00*

EXTRA FOOTAGE @

MILEAGE *62 x 2* @ *7.00* *868.00*

MANIFOLD @ *200.00* *200.00*

Liter Vehicle 62 x 2 @ *4.00* *496.00*

TOTAL *2689.00*

PLUG & FLOAT EQUIPMENT

wooden Plug @ *92.00*

TOTAL *92.00*

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

SIGNATURE *Keith Van Best*

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS



PO BOX 31 Russell, KS 67665

PROD COPY

INVOICE

*copy
file*

Invoice Number: 127731

Invoice Date: Jun 30, 2011

Page: 1

Voice: (785) 483-3887
Fax: (785) 483-5566

Bill To:

Murfin Drilling Co.
P.O. Box 661
Colby, KS 67701

Federal Tax I.D.#: 20-5975804

*MDC
B M*

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Murfin	Fox A #2-34	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-03	Oakley	Jun 30, 2011	7/30/11

Quantity	Item	Description	Unit Price	Amount
132.00	MAT	Class A Common	16.25	2,145.00
88.00	MAT	Pozmix	8.50	748.00
8.00	MAT	Gel	21.25	170.00
55.00	MAT	Flo Seal	2.70	148.50
228.00	SER	Handling	2.25	513.00
62.00	SER	Mileage 228 sx @ .11 per sk per mi	25.08	1,554.96
1.00	SER	Plug to Abandon	1,250.00	1,250.00
124.00	SER	Pump Truck Mileage	7.00	868.00
124.00	SER	Light Vehicle Mileage	4.00	496.00
1.00	EQP	8.5/8 Wooden Plug	82.00	82.00
1.00	CEMENTER	Terry Heinrich		
1.00	EQUIP OPER	Wayne McGhghy		
1.00	OPER ASSIST	Ethan Glassman		

Account	Line No.	W/L	No.	Description
ID203			8557.69	PTA #2-34
			(2791.41)	

Subtotal	3,2395.0002	7,975.46
Sales Tax		582.21
Total Invoice Amount		8,557.67
Payment/Credit Applied		
TOTAL		8,557.67

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

\$ 2791.41

ONLY IF PAID ON OR BEFORE
Jul 25, 2011

OKAD

5766.26

- 2791.41

W

ALLIED CEMENTING CO., LLC. 039852

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

ORLEY

DATE <u>6-30-11</u>	SEC. <u>34</u>	TWP. <u>35</u>	RANGE <u>27W</u>	CALLED OUT	ON LOCATION <u>5:00 PM</u>	JOB START <u>8:00 PM</u>	JOB FINISH <u>8:30 PM</u>
LEASE <u>FOX 'A'</u>	WELL# <u>2-34</u>	LOCATION <u>AKESOLD 9N-4E-1/2S-E 1/4</u>			COUNTY <u>DECATUR</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR MURFEN ARLS RIG #3 OWNER SAME

TYPE OF JOB PTA

HOLE SIZE 7 7/8" T.D. 3800' CEMENT AMOUNT ORDERED 220 SKS 60/40 POZ 470 8 1/2 1/4 #50-SSA

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2" DEPTH 2140'

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

EQUIPMENT

PUMP TRUCK CEMENTER TEARY

422 HELPER WAYNE

BULK TRUCK

394 DRIVER MIKE + ETHAN

BULK TRUCK

_____ DRIVER _____

REMARKS:

25 SKS AT 21450'

100 SKS AT 1450'

40 SKS AT 270'

10 SKS AT 40'

15 SKS MUDS HOLE

30 SKS RPT HOLE

THANK YOU

CHARGE TO: MURFEN ARLS, CO

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 Klint Farr

SIGNATURE [Signature]

CEMENT AMOUNT ORDERED 220 SKS 60/40 POZ 470 8 1/2 1/4 #50-SSA

COMMON 132 SKS @ 16.25 21450'

POZMIX 88 SKS @ 8.50 748'

OEL 8 SKS @ 21.25 170'

CHLORIDE _____ @ _____

ASC _____ @ _____

_____ @ _____

_____ @ _____

FLO-SSA/ 55" @ 2.70 14850'

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING 228 SKS @ 2.25 513'

MILBAGE 11 PER SK/ MZIC 1534'

TOTAL 5259'

SERVICE

DEPTH OF JOB 2140'

PUMP TRUCK CHARGE 1250'

EXTRA FOOTAGE _____ @ _____

MILBAGE 62 X 2 @ 7.00 868'

MANIFOLD _____ @ _____

LIGHT VEHICLE 62 X 2 @ 4.00 496'

_____ @ _____

TOTAL 2614'

PLUG & FLOAT EQUIPMENT

8 5/8" wooden plug 82'

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL 82'

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS