



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

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: _____



1061121

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

August 08, 2011

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

Re: ACO1
API 15-039-21133-00-00
Torluemke 1-18
SE/4 Sec.18-02S-29W
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 Torluemke #1-18 2310' FSL 2200' FEL Sec. 18-T2S-R29W 2787' KB							MDCI May #1-18 2200 FSL 2100 FWL Sec. 18-T2S-R29W 2795' KB	
Formation	Sample top	Datum	Ref	Log tops	Datum	Ref	Log tops	Datum
Anhydrite	2535	+252	+4	2532	+255	+7	2547	+248
B/Anhydrite	2568	+219	+4	2564	+223	+8	2580	+215
Neva	3200	-413	+3	3196	-409	+7	3211	-416
Red Eagle	3270	-483	+5	3267	-480	+8	3283	-488
Topeka	3589	-802	+4	3586	-799	+7	3601	-806
Deer Creek	3628	-841	+5	3626	-839	+7	3641	-846
Heebner	3747	-960	+3	3745	-958	+5	3758	-963
Lansing	3793	-1006	+1	3790	-1003	+4	3802	-1007
Lansing D	3824	-1037	+1	3820	-1033	+5	3833	-1038
Lansing G	3873	-1086	Flat	3870	-1083	+3	3881	-1086
Lansing H	3905	-1118	Flat	3903	-1116	+2	3913	-1118
Lansing J	3941	-1154	+1	3936	-1149	+6	3950	-1155
Lansing K	3970	-1183	+1	3968	-1181	+3	3979	-1184
BKC	3996	-1209	+4	4002	-1215	-2	4008	-1213
RTD	4070	-1283					4524	-1729
LTD				4068	-1281		4527	-1732

Robert L. Milford

PETROLEUM GEOLOGIST
Wichita, Kansas

GEOLOGISTS REPORT

DRILLING TIME AND SAMPLE LOG

OPERATOR: Murfin Drilling Company, Inc.
LEASE: Torluenke #1-18
LOC SPOT: 1101 E of NW NW SE

LOC FOOTAGE: 2,310' FSL & 2,200' FEL
SEC: 18 TWP: 2S R10: 29W
COUNTY: Decatur STATE: Kansas
API: 15-039-2133-00-00

CONTRACTOR: Murfin Drilling Co., Inc. RIG NO.: 3
DRILLING STARTED: 6-8-2011 COMPLETED: 6-18-2011
MUD DISPLACED: 3,000' MUD TYPE: Chemical
DRILLING TIME FEET FROM: 3,100' TO: RTD
SAMPLES SAVED FROM: 3,100' TO: RTD
SAMPLES EXAMINED FROM: 3,100' TO: RTD
GEOLOGICAL SUPERVISION FROM: 2,832' TO: RTD

MEASUREMENTS: Surface 8.5/8" @ 282' w/ 165 sacks cement
Production 5.1/2" @ 406' w/ 150 sacks cement

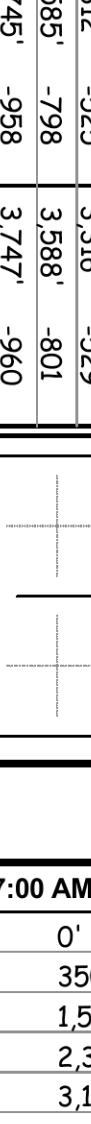
ELEVATIONS: KB 2,787'
GL 2,782'

MEASUREMENTS: CASING RECORD
Conductor

FORMATION NAME: TOP LOG DATE/TIME: TOP SAMPLE DATE/TIME

Stone Corral 2,532' +255
Neva 3,196' -409
Foraker 3,312' -525
Topeka 3,585' -798
Heebner 3,745' -958
Lansing 3,799' -1003
Stark 3,954' -1167
B/KC 3,998' -1211
Total Depth 4,068' -1281

Porosity Log
Microresistivity Log
Borehole Compensated-Sonic Log

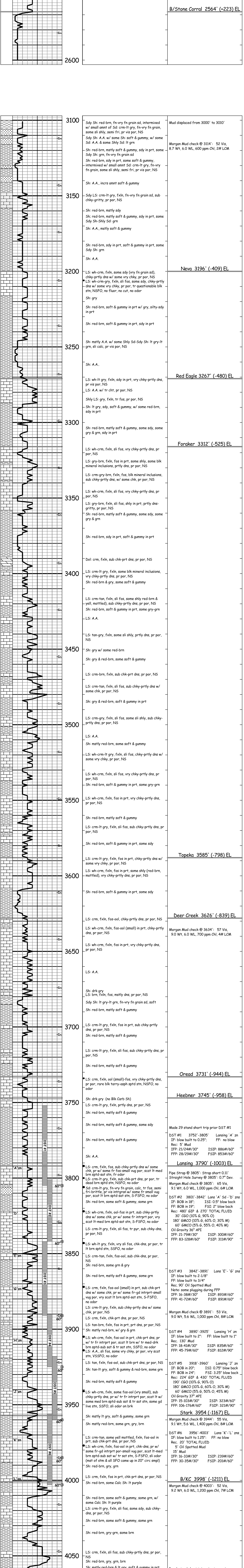
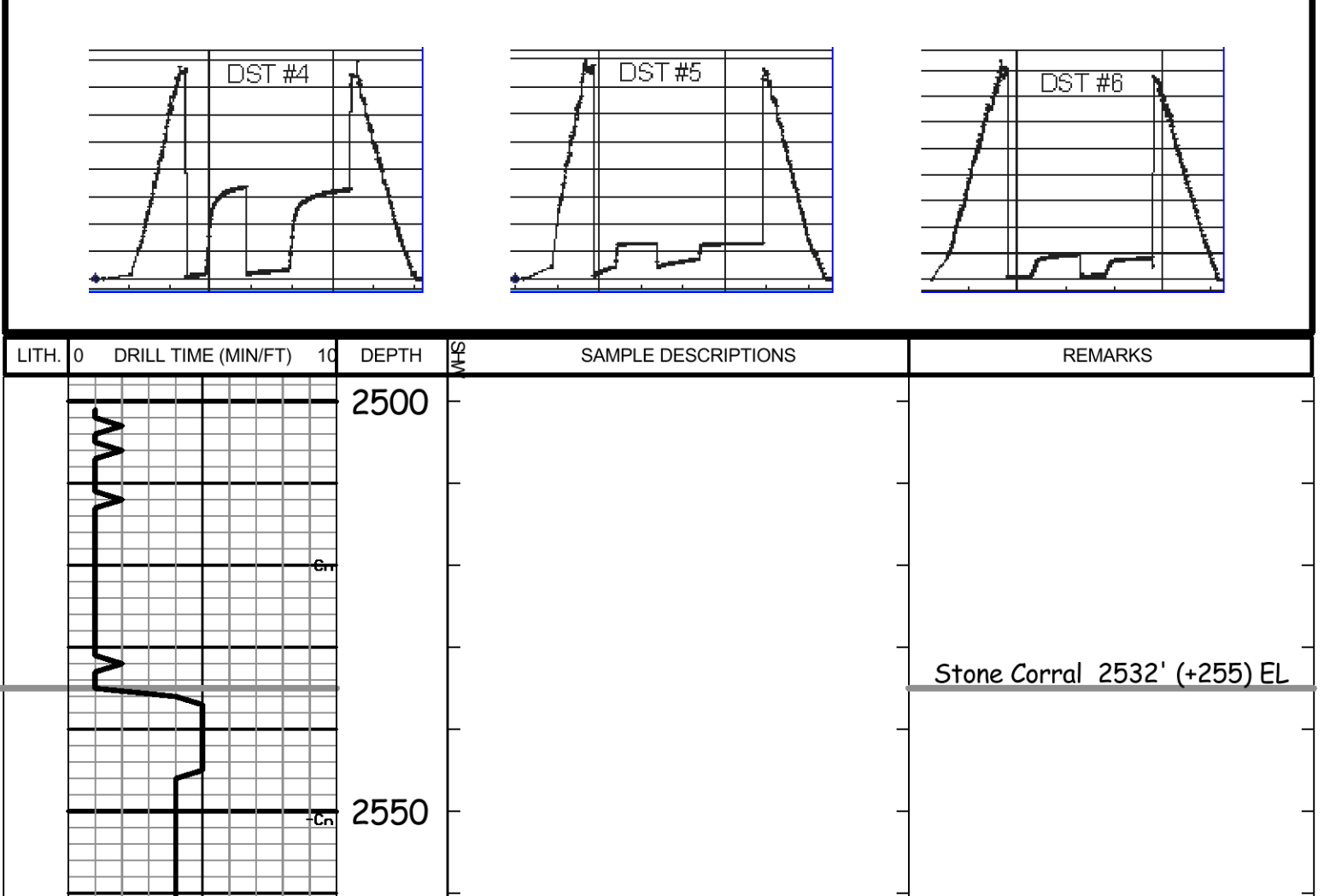


DATE	7:00 AM DEPTH	REMARKS
6-8-11	0'	Spud @ 3:45 pm. Plug down @ 9:00 pm. Drilled out plug @ 5:00 am on 6-9-11
6-9-11	350'	Cut 350' in last 24 hrs. Dev.: 0.2° @ 898', 0.5° @ 1367'. Lost Circ @ 1435' (dwn 1 hr).
6-10-11	1,590'	Cut 1,240' in last 24 hrs; 19.75 hrs drlg.
6-11-11	2,390'	Cut 800' in last 24 hrs; 21.5 hrs drlg. Dev.: 1.5° @ 2769'.
6-12-11	3,160'	Cut 770' in last 24 hrs; 22 hrs drlg.
6-13-11	3,650'	Cut 490' in last 24 hrs; 23 hrs drlg. DST #1 @ 3805'
6-14-11	3,805'	Cut 155' in last 24 hrs; 6.75 hrs drlg. DST #2 @ 3842', DST #3 @ 3891'
6-15-11	3,891'	Cut 86' in last 24 hrs; 4.5 hrs drlg. DST #4 @ 3925'
6-16-11	3,950'	Cut 59' in last 24 hrs; 3.75 hrs drlg. DST #5 @ 3960', DST #6 @ 4003'
6-17-11	4,003'	Cut 53' in last 24 hrs; 3.5 hrs drlg. RTD 4070' @ 6:40 pm
6-18-11	4,070'	Cut 67' in last 24 hrs; 5.75 hrs drlg. Ran production casing.

Remarks

The electric log measurements correlate from 2' to 4' higher to the drilling measurements.
Formation tops and lithology on this report have been corrected to the electric log.
The drilling samples were deposited at the Kansas Geological Survey office in Wichita.
Respectfully submitted,
Robert L. Milford

Drill Stem Test Charts





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Murfin Drilling Company
250 N Water STE #300
Wichita, KS 67202
ATTN: Rocky Milford

Torlueke #1-18
18/2s/29w/Decatur/KS
Job Ticket: 041122 **DST#: 1**
Test Start: 2011.06.13 @ 20:50:00

GENERAL INFORMATION:

Formation: **LKC "A"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 23:18:45
Time Test Ended: 04:10:00
Interval: **3752.00 ft (KB) To 3805.00 ft (KB) (TVD)**
Total Depth: 3805.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Kevin Mack
Unit No: 43
Reference Elevations: 2787.00 ft (KB)
2782.00 ft (CF)
KB to GR/CF: 5.00 ft

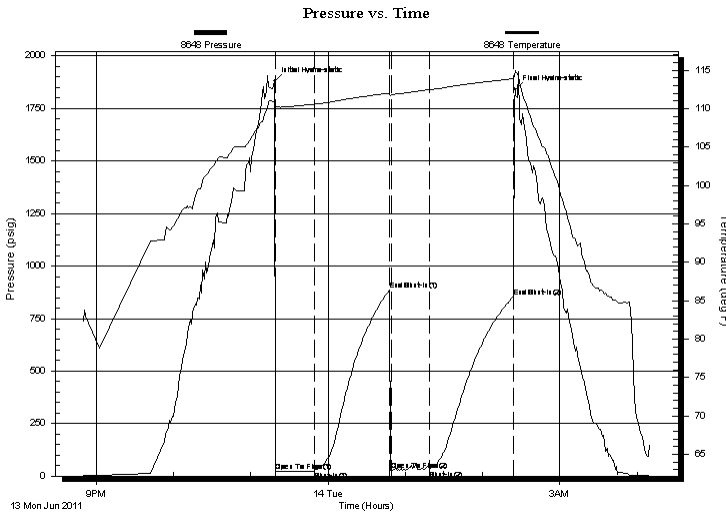
Serial #: 8648

Inside

Press @ Run Depth: 29.98 psig @ 3753.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.06.13 End Date: 2011.06.14 Last Calib.: 2011.06.14
Start Time: 20:50:05 End Time: 04:09:59 Time On Btm: 2011.06.13 @ 23:18:30
Time Off Btm: 2011.06.14 @ 02:25:30

TEST COMMENT: IF: Surface blow built to 1/4"
IS: No Return
FF: No Blow
FS: No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1878.93	110.78	Initial Hydro-static
1	21.27	110.22	Open To Flow (1)
31	24.92	110.59	Shut-In(1)
90	886.13	112.03	End Shut-In(1)
91	28.24	111.68	Open To Flow (2)
120	29.98	112.47	Shut-In(2)
186	853.63	113.91	End Shut-In(2)
187	1841.88	114.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100M	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Company

Torlueke #1-18

250 N Water STE #300
Wichita, KS 67202

18/2s/29w/Decatur/KS

Job Ticket: 041122

DST#: 1

ATTN: Rocky Milford

Test Start: 2011.06.13 @ 20:50:00

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: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.00 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 700.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
5.00	Mud 100M	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

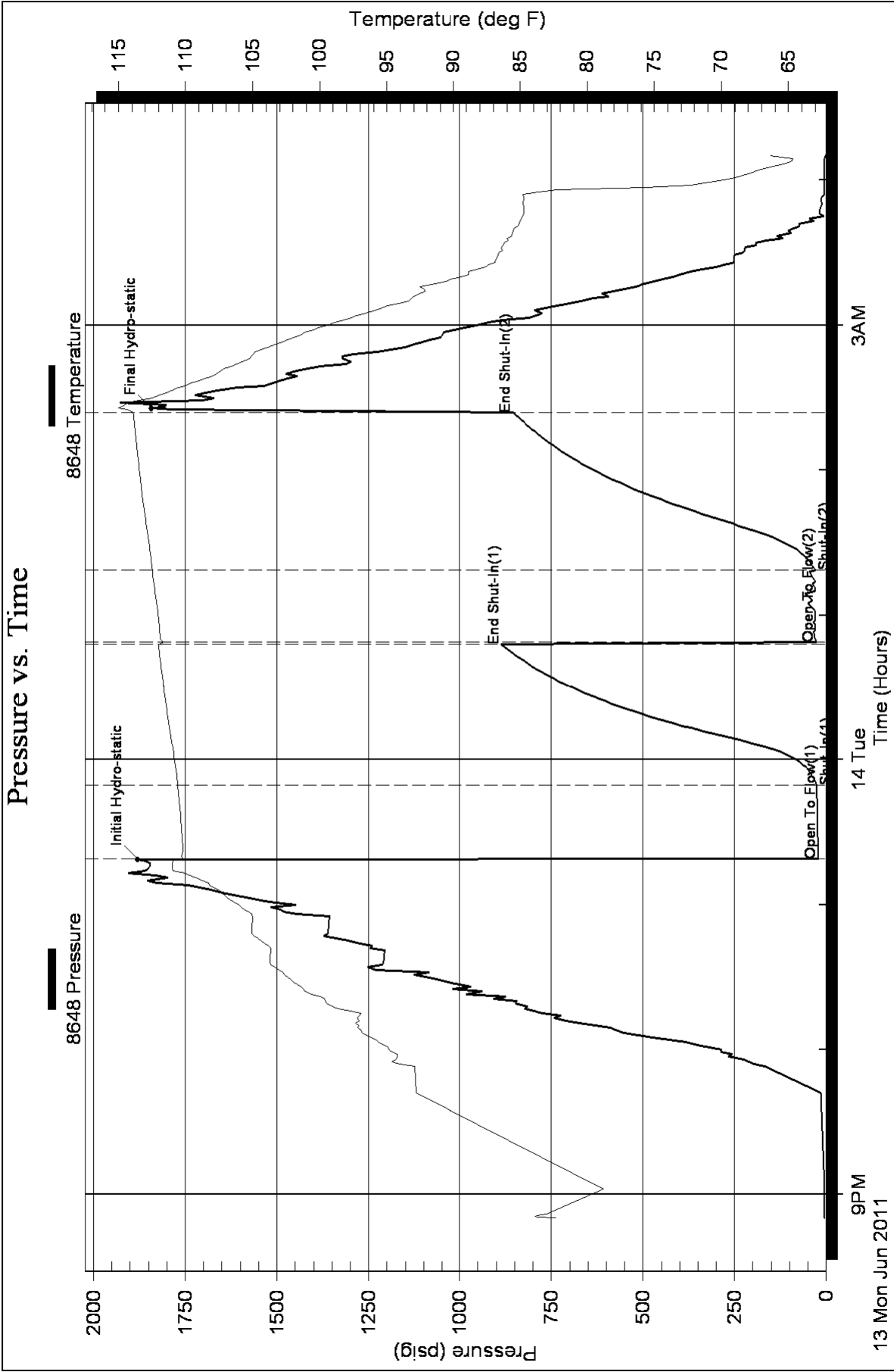
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Murfin Drilling Company
 250 N Water STE #300
 Wichita, KS 67202
 ATTN: Rocky Milford

Torluemke #1-18
18/2s/29w/Decatur/KS
 Job Ticket: 041123 **DST#: 2**
 Test Start: 2011.06.14 @ 11:10:00

GENERAL INFORMATION:

Formation: **Lans. A sd-D**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 13:12:45
 Time Test Ended: 19:13:45
 Interval: **3801.00 ft (KB) To 3842.00 ft (KB) (TVD)**
 Total Depth: 3842.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Kevin Mack
 Unit No: 43
 Reference Elevations: 2787.00 ft (KB)
 2782.00 ft (CF)
 KB to GR/CF: 5.00 ft

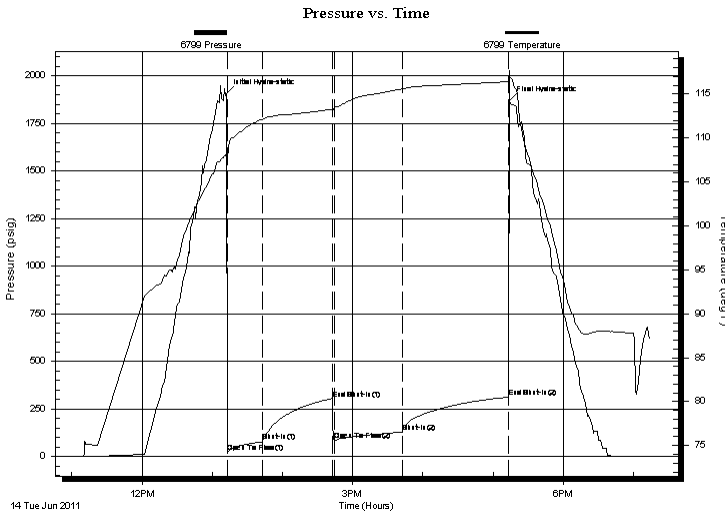
Serial #: 6799

Inside

Press @ Run Depth: 128.56 psig @ 3802.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.06.14 End Date: 2011.06.14 Last Calib.: 2011.06.14
 Start Time: 11:10:05 End Time: 19:13:44 Time On Btm: 2011.06.14 @ 13:12:00
 Time Off Btm: 2011.06.14 @ 17:14:00

TEST COMMENT: IF: Surface blow built to BoB in 18 min.
 IS: Surface return started at 8 min. Built to 1/2"
 FF: 3/4" Blow built to BoB in 19 min
 FS: Surface return started at 5 min. Built to 2"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1905.04	108.06	Initial Hydro-static
1	21.91	107.60	Open To Flow (1)
31	79.12	112.13	Shut-In(1)
91	300.18	113.27	End Shut-In(1)
92	83.39	113.30	Open To Flow (2)
151	128.56	115.61	Shut-In(2)
241	311.62	116.42	End Shut-In(2)
242	1870.03	117.03	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	480' GIP	0.00
60.00	GMCO 5G 55o 40M	0.30
180.00	GMCO 10G 60o 30M	0.89
30.00	Clean Gassy Oil 10G 90o	0.15

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Company

Torluemke #1-18

250 N Water STE #300
Wichita, KS 67202

18/2s/29w/Decatur/KS

Job Ticket: 041123

DST#: 2

ATTN: Rocky Milford

Test Start: 2011.06.14 @ 11:10:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 65.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.00 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	480' GIP	0.000
60.00	GMCO 5G 55o 40M	0.295
180.00	GMCO 10G 60o 30M	0.885
30.00	Clean Gassy Oil 10G 90o	0.148

Total Length: 270.00 ft Total Volume: 1.328 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

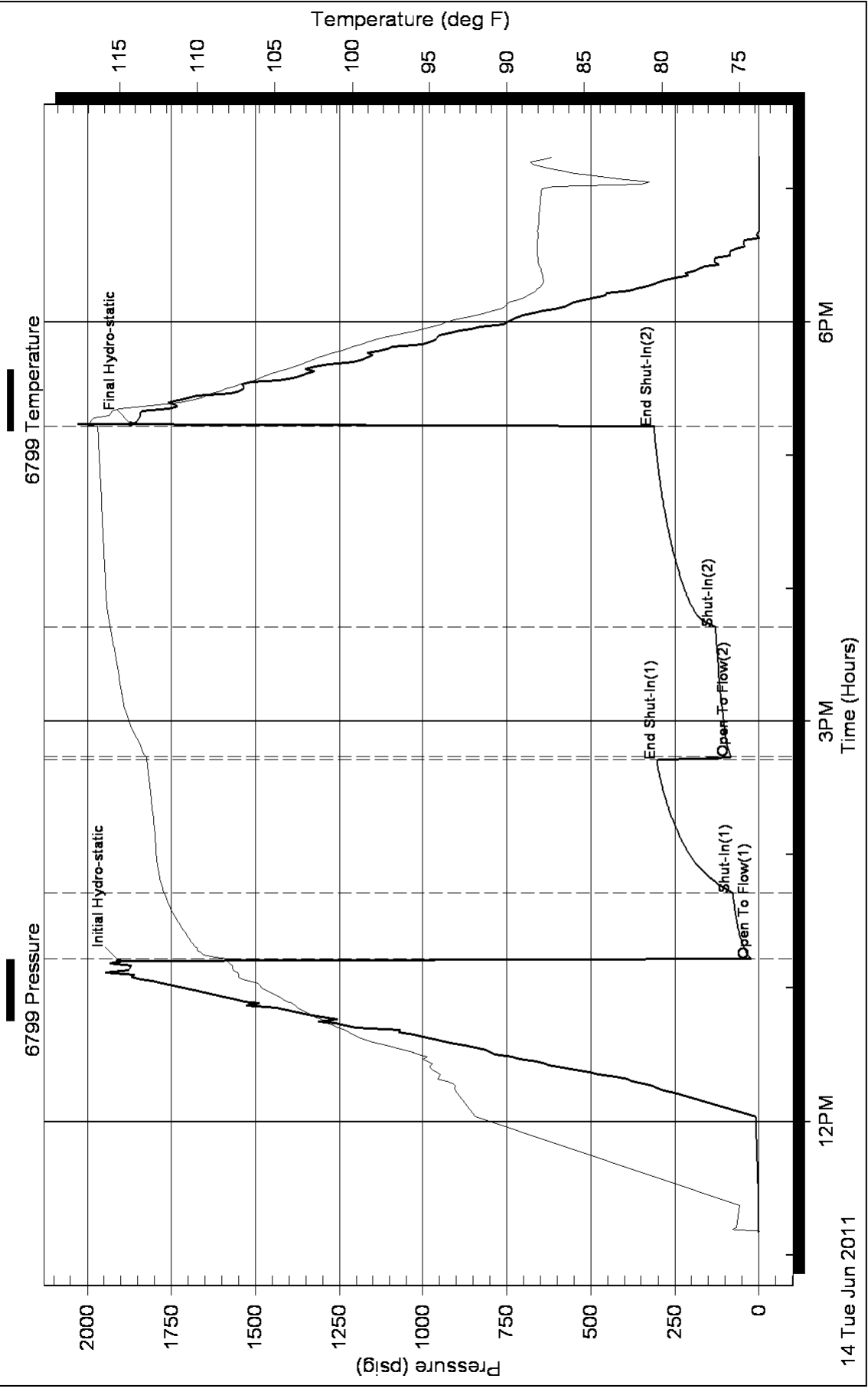
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Oil API 38 @ 80 Deg.= 36 cor.

Pressure vs. Time





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Murfin Drilling Company
 250 N Water STE #300
 Wichita, KS 67202
 ATTN: Rocky Milford

Torluemke #1-18
18/2s/29w/Decatur/KS
 Job Ticket: 041123 **DST#: 3**
 Test Start: 2011.06.15 @ 03:18:00

GENERAL INFORMATION:

Formation: **LKC "EG"**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole
 Time Tool Opened: 05:35:45
 Tester: Kevin Mack
 Time Test Ended: 11:15:15
 Unit No: 43
 Interval: **3842.00 ft (KB) To 3891.00 ft (KB) (TVD)**
 Reference Elevations: 2787.00 ft (KB)
 Total Depth: 3891.00 ft (KB) (TVD)
 2782.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Good
 KB to GR/CF: 5.00 ft

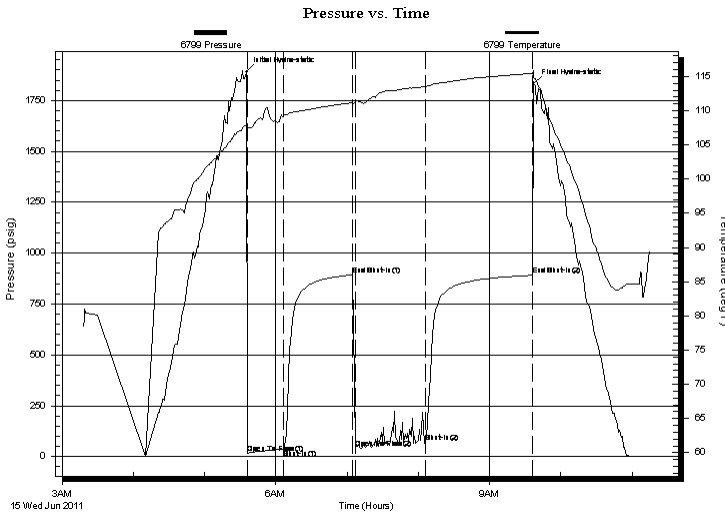
Serial #: 6799

Inside

Press @ Run Depth: 72.70 psig @ 3843.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.06.15 End Date: 2011.06.15 Last Calib.: 2011.06.15
 Start Time: 03:18:05 End Time: 11:15:14 Time On Btm: 2011.06.15 @ 05:35:15
 Time Off Btm: 2011.06.15 @ 09:37:15

TEST COMMENT: IF: Surface blow built to 2 1/8"
 IS: No Return
 FF: Surface blow started at 25 min. Built to 3/4"
 FS: No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1890.84	107.89	Initial Hydro-static
1	16.76	107.39	Open To Flow (1)
31	38.42	109.23	Shut-In(1)
90	893.27	111.20	End Shut-In(1)
92	41.68	111.30	Open To Flow (2)
151	72.70	113.53	Shut-In(2)
241	891.10	115.48	End Shut-In(2)
242	1834.60	114.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	OSM 100M (oil spots)	0.44

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Company

Torluemke #1-18

250 N Water STE #300
Wichita, KS 67202

18/2s/29w/Decatur/KS

Job Ticket: 041123

DST#: 3

ATTN: Rocky Milford

Test Start: 2011.06.15 @ 03:18:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.60 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	OSM 100M (oil spots)	0.443

Total Length: 90.00 ft Total Volume: 0.443 bbl

Num Fluid Samples: 0

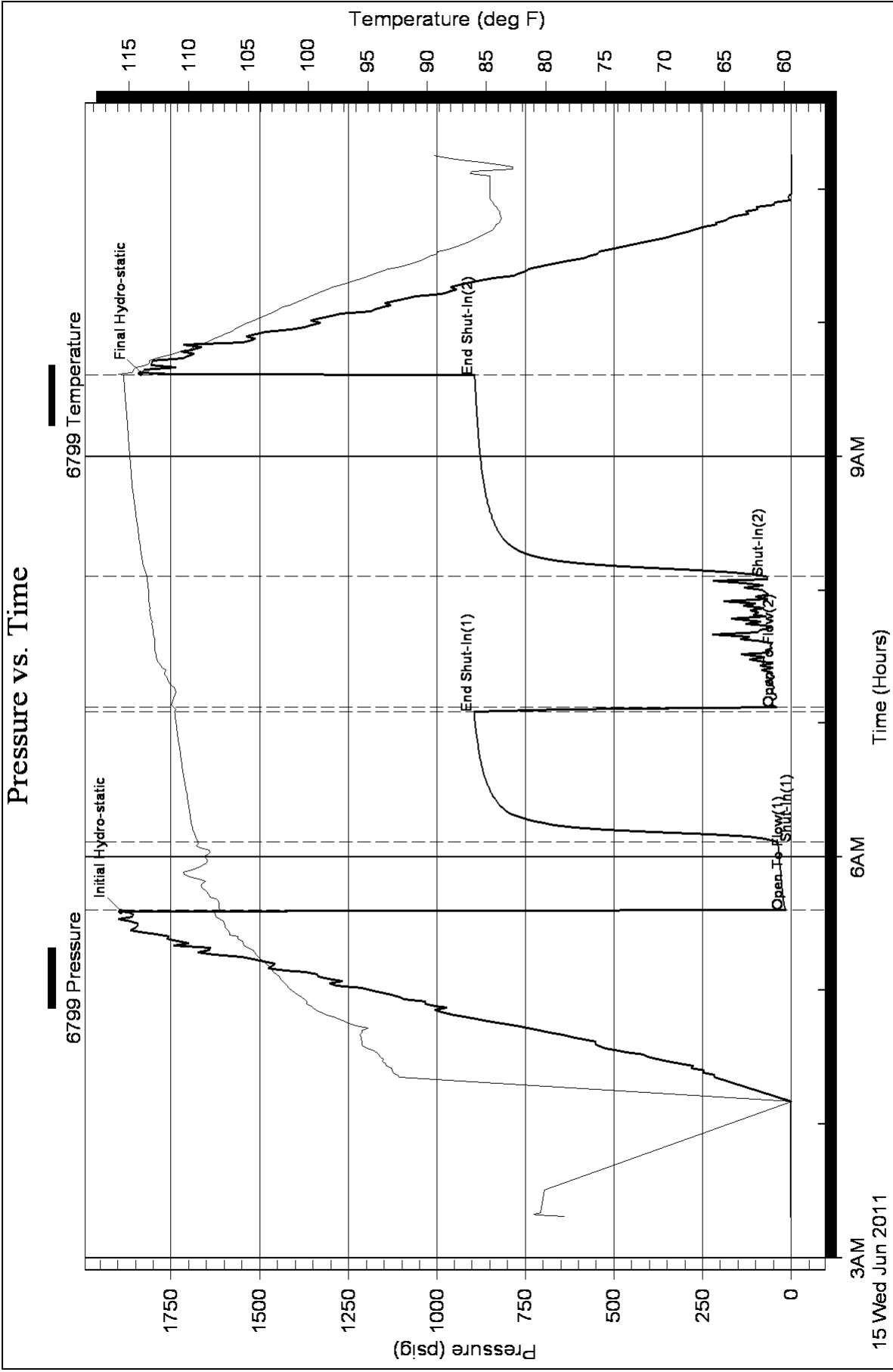
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Murfin Drilling Company
 250 N Water STE #300
 Wichita, KS 67202
 ATTN: Rocky Milford

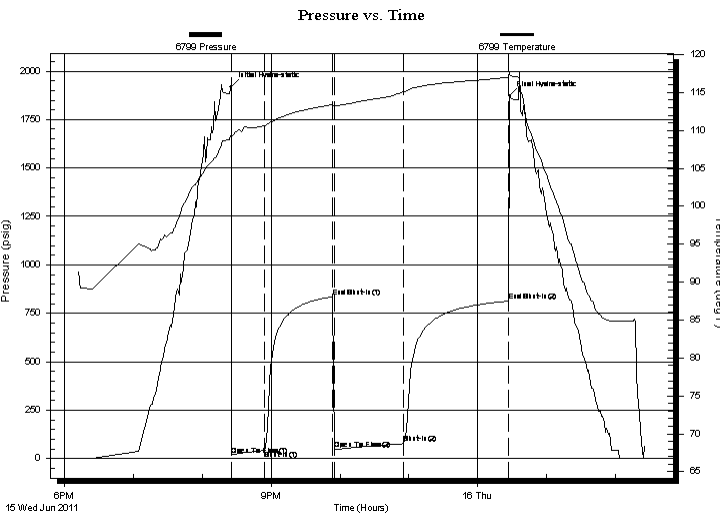
Torluemke #1-18
18/2s/29w/Decatur/KS
 Job Ticket: 041125 **DST#: 4**
 Test Start: 2011.06.15 @ 18:12:00

GENERAL INFORMATION:

Formation: **LKC "H"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 20:25:45
 Time Test Ended: 02:25:45
 Interval: **3890.00 ft (KB) To 3925.00 ft (KB) (TVD)**
 Total Depth: 3925.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Kevin Mack
 Unit No: 43
 Reference Elevations: 2787.00 ft (KB)
 2782.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6799 Inside
 Press @ Run Depth: 79.20 psig @ 3891.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.06.15 End Date: 2011.06.16 Last Calib.: 2011.06.16
 Start Time: 18:12:05 End Time: 02:25:44 Time On Btm: 2011.06.15 @ 20:25:00
 Time Off Btm: 2011.06.16 @ 00:28:00

TEST COMMENT: IF: Surface blow built to 2"
 IS: No Return
 FF: Surface blow started at 25 min. Built to 1"
 FS: No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1919.02	109.35	Initial Hydro-static
1	18.19	109.16	Open To Flow (1)
29	41.86	110.63	Shut-In(1)
89	835.58	113.41	End Shut-In(1)
90	45.70	113.19	Open To Flow (2)
151	79.20	115.11	Shut-In(2)
242	812.93	117.03	End Shut-In(2)
243	1871.85	117.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
130.00	Mud 100M	0.64

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Company

Torluemke #1-18

250 N Water STE #300
Wichita, KS 67202

18/2s/29w/Decatur/KS

Job Ticket: 041125

DST#: 4

ATTN: Rocky Milford

Test Start: 2011.06.15 @ 18:12:00

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: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.60 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
130.00	Mud 100M	0.639

Total Length: 130.00 ft Total Volume: 0.639 bbl

Num Fluid Samples: 0

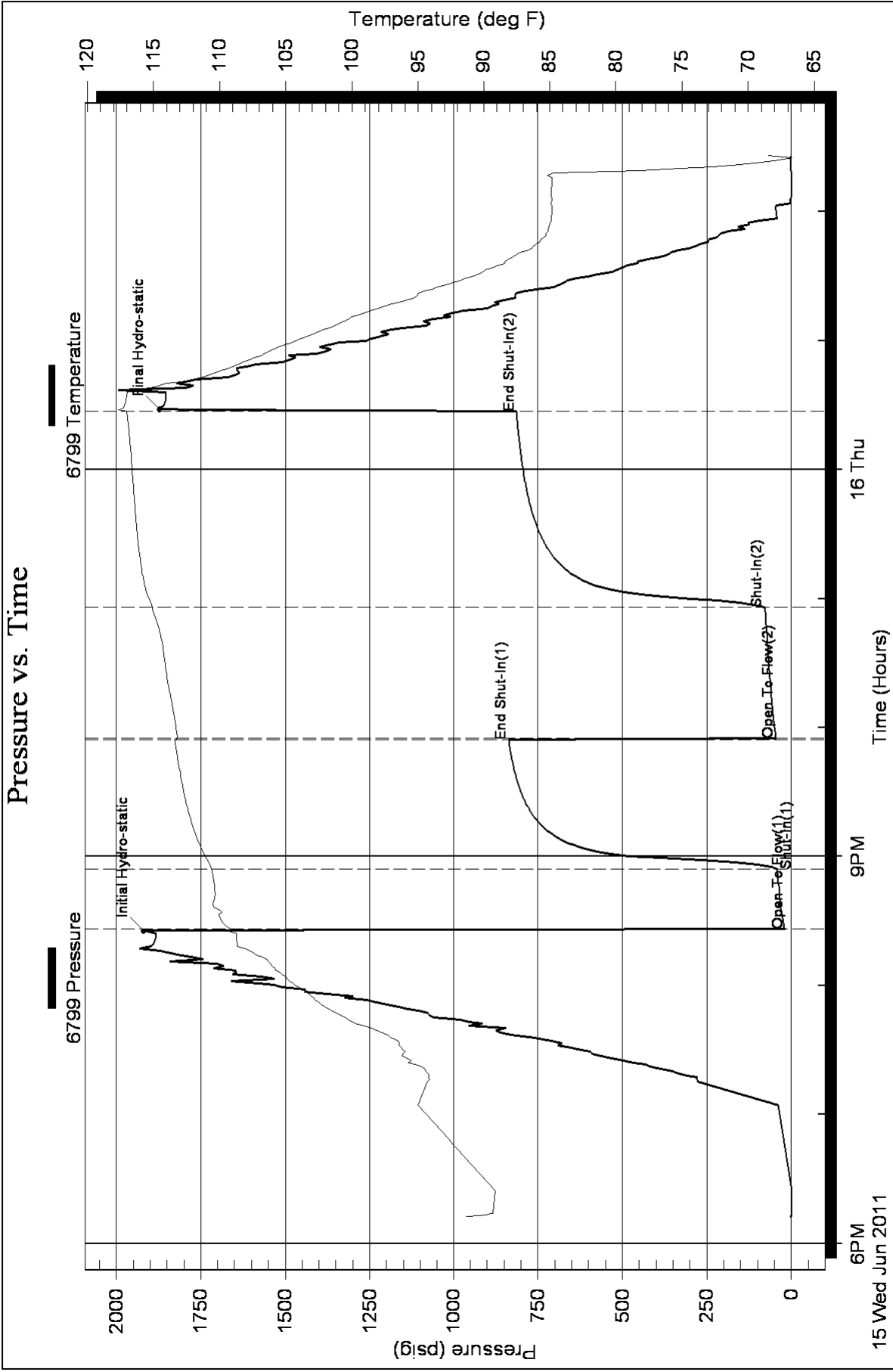
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Murfin Drilling Company
250 N Water STE #300
Wichita, KS 67202
ATTN: Rocky Milford

Torluemke #1-18
18/2s/29w/Decatur/KS
Job Ticket: 43351 **DST#: 5**
Test Start: 2011.06.16 @ 09:59:00

GENERAL INFORMATION:

Formation: **LKC "J"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:52:45
Time Test Ended: 18:03:45
Interval: **3918.00 ft (KB) To 3960.00 ft (KB) (TVD)**
Total Depth: 3960.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Kevin Mack
Unit No: 43
Reference Elevations: 2787.00 ft (KB)
2782.00 ft (CF)
KB to GR/CF: 5.00 ft

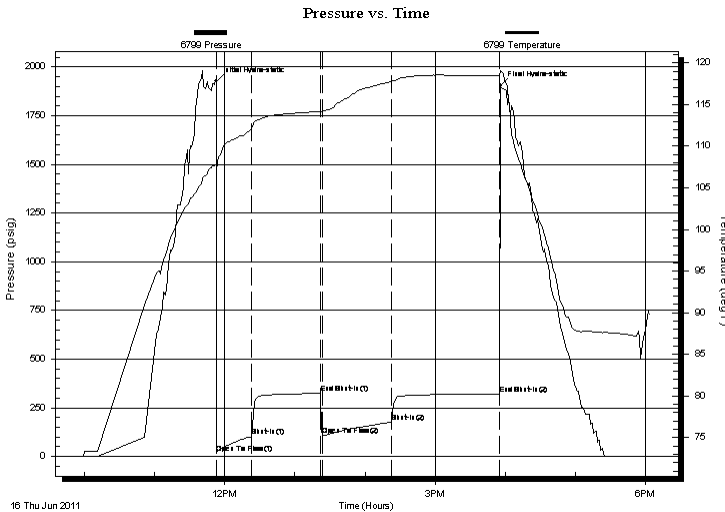
Serial #: 6799

Inside

Press @ Run Depth: 176.75 psig @ 3919.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.06.16 End Date: 2011.06.16 Last Calib.: 2011.06.16
Start Time: 09:59:05 End Time: 18:03:44 Time On Btm: 2011.06.16 @ 11:52:30
Time Off Btm: 2011.06.16 @ 15:56:15

TEST COMMENT: IF: Blow built to BoB in 20 min
IS: Surface return started at 3 min. Built to 3/4"
FF: Blow built to BoB in 24 min
FS: Surface return started at 2 1/2 min. Built to 3 1/4"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1926.63	107.92	Initial Hydro-static
1	15.65	106.88	Open To Flow (1)
31	103.23	112.07	Shut-In(1)
90	323.33	114.19	End Shut-In(1)
92	106.77	114.14	Open To Flow (2)
151	176.75	117.77	Shut-In(2)
243	321.71	118.45	End Shut-In(2)
244	1904.42	119.01	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	244' GIP	0.00
60.00	GMCO 5G 50o 45M	0.30
180.00	GMCO 10G 60o 30M	0.89
190.00	Clean Gassy Oil 10G 90o	0.93

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Company

Torluemke #1-18

250 N Water STE #300
Wichita, KS 67202

18/2s/29w/Decatur/KS

Job Ticket: 43351

DST#: 5

ATTN: Rocky Milford

Test Start: 2011.06.16 @ 09:59:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

37 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.60 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1400.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	244' GIP	0.000
60.00	GMCO 5G 50o 45M	0.295
180.00	GMCO 10G 60o 30M	0.885
190.00	Clean Gassy Oil 10G 90o	0.934

Total Length: 430.00 ft Total Volume: 2.114 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

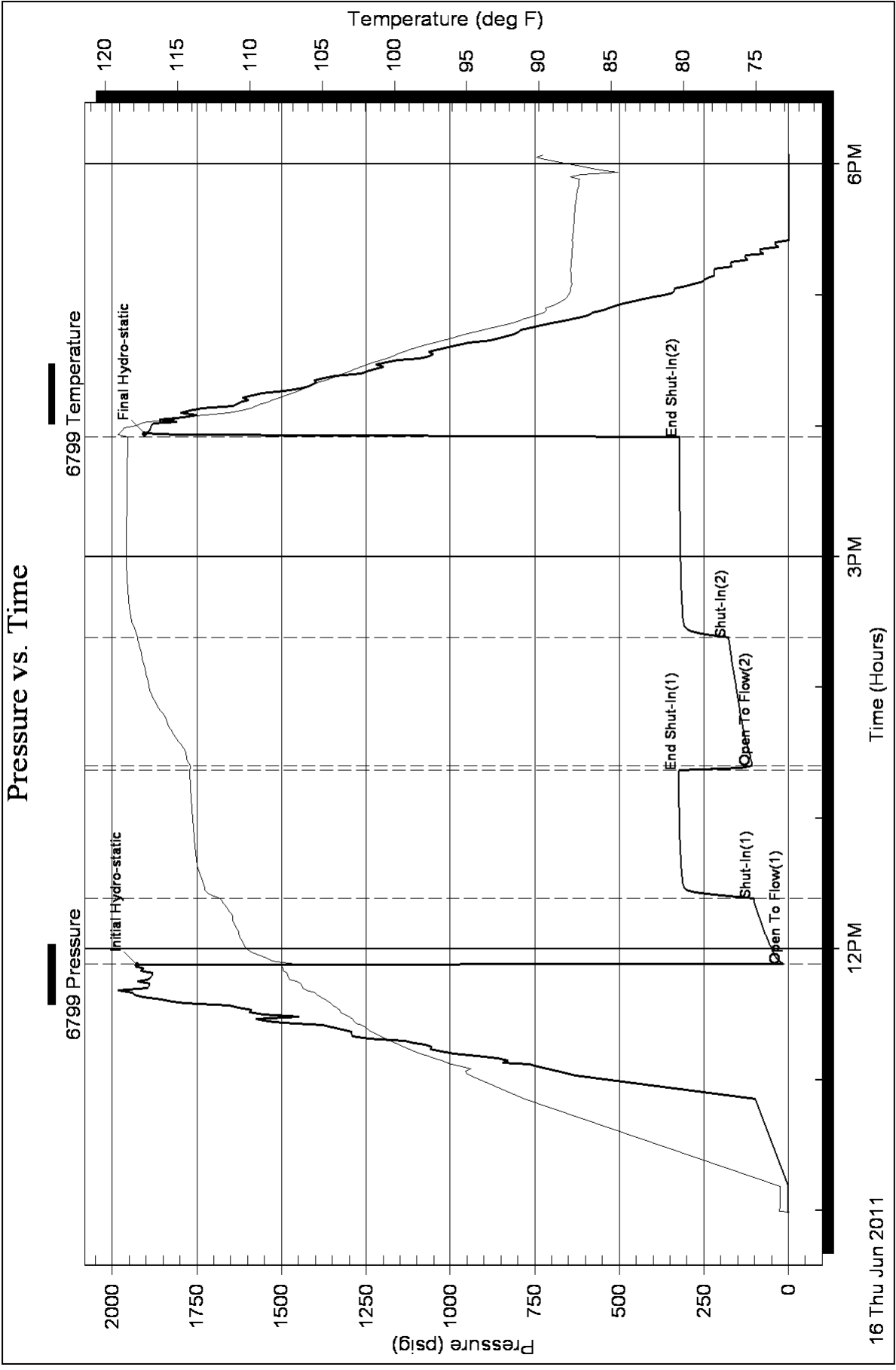
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Oil API 39 @ 83 deg = 37

Pressure vs. Time





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Murfin Drilling Company
250 N Water STE #300
Wichita, KS 67202
ATTN: Rocky Milford

Torluemke #1-18
18/2s/29w/Decatur/KS
Job Ticket: 43352 **DST#: 6**
Test Start: 2011.06.17 @ 03:32:00

GENERAL INFORMATION:

Formation: **LKC "K,L"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:48:30
Time Test Ended: 10:31:30
Interval: **3956.00 ft (KB) To 4003.00 ft (KB) (TVD)**
Total Depth: 4003.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Kevin Mack
Unit No: 43
Reference Elevations: 2787.00 ft (KB)
2782.00 ft (CF)
KB to GR/CF: 5.00 ft

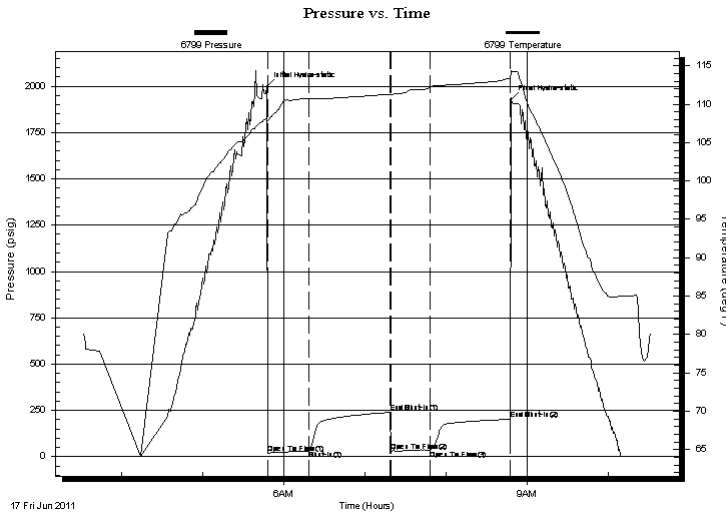
Serial #: 6799

Inside

Press @ Run Depth: 33.76 psig @ 3957.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.06.17 End Date: 2011.06.17 Last Calib.: 2011.06.17
Start Time: 03:32:05 End Time: 10:31:29 Time On Btm: 2011.06.17 @ 05:47:45
Time Off Btm: 2011.06.17 @ 08:48:15

TEST COMMENT: IF: Surface blow built to 1 1/4"
IS: No Return
FF: No Blow
FS: No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1996.92	108.15	Initial Hydro-static
1	16.81	107.86	Open To Flow (1)
31	33.76	110.72	Shut-In(1)
91	239.07	111.31	End Shut-In(1)
92	30.10	111.27	Open To Flow (2)
121	35.60	112.20	Open To Flow (3)
180	201.89	113.28	End Shut-In(2)
181	1929.76	114.40	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud 100M	0.07
5.00	OSM 100M (oil spots)	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Company

Torluemke #1-18

250 N Water STE #300
Wichita, KS 67202

18/2s/29w/Decatur/KS

Job Ticket: 43352

DST#: 6

ATTN: Rocky Milford

Test Start: 2011.06.17 @ 03:32:00

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:

ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.00 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1200.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Mud 100M	0.074
5.00	OSM 100M (oil spots)	0.025

Total Length: 20.00 ft Total Volume: 0.099 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

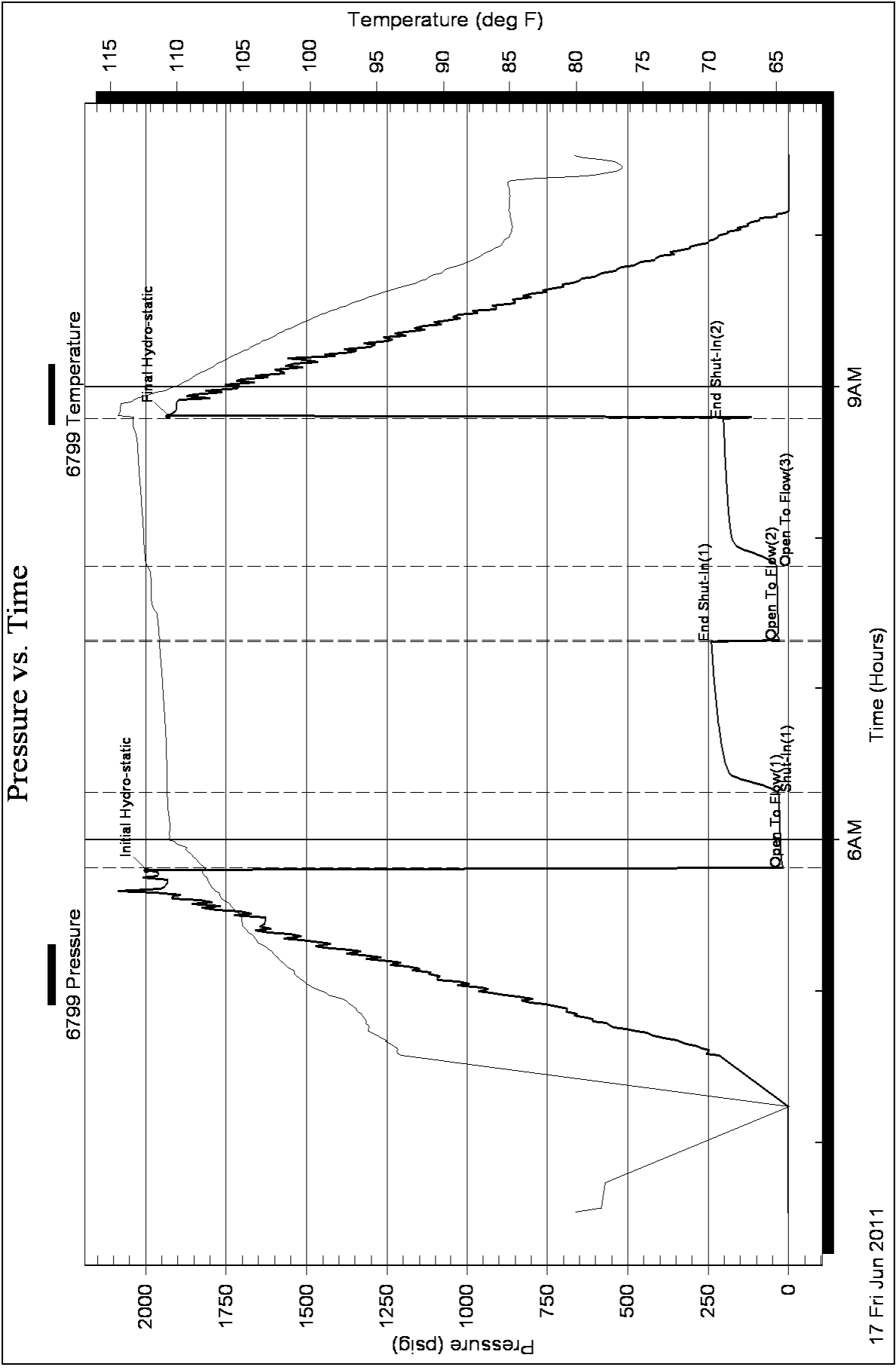
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





PO BOX 31 Russell, KS 67665

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

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

Federal Tax I.D.#: 20-5975804

Page: 1

acct.
Jim
INVOICE

Invoice Number: 127482
Invoice Date: Jun 8, 2011

Customer ID	Well Name# or Customer P.O.	Payment Terms
Murfin	Torluemke # 1-18	Net 30 Days
Job Location	Camp Location	Service Date
KS1-01	Oakley	Jun 8, 2011
		Due Date
		7/8/11

mDC operator

Quantity	Item	Description	Unit Price	Amount
175.00	MAT	Class A Common	16.25	2,843.75
7.00	MAT	Chloride	58.20	407.40
182.00	SER	Handling	2.25	409.50
65.00	SER	Mileage	20.02	1,301.30
1.00	SER	Surface	1,125.00	1,125.00
130.00	SER	Heavy Vehicle Mileage	7.00	910.00
1.00	SER	Manifold Head Rental	202.00	202.00
130.00	SER	Light Vehicle Mileage	4.00	520.00
1.00	EQP	8 5/8 Wooden Plug	92.00	92.00
1.00	CEMENTER	Alan Ryan		
1.00	EQUIP OPER	Wayne Mc Ghghy		

Subtotal	7,810.95
Sales Tax	244.05
Total Invoice Amount	8,055.00
Payment/Credit Applied	
TOTAL	8,055.00

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

\$ 2,733.14

ONLY IF PAID ON OR BEFORE
Jul 3, 2011

OKP

WV

- 2733.50

5321.50

ALLIED CEMENTING CO., LLC. 039957

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Dakota

DATE <u>6/8/11</u>	SEC. <u>18</u>	TWP. <u>2</u>	RANGE <u>29</u>	CALLED OUT	ON LOCATION <u>6:30 am</u>	JOB START <u>8:30</u>	JOB FINISH <u>9:00</u>
<u>Woodsburg</u>	WELL # <u>800913</u>	<u>1-18</u>	LOCATION <u>Overlap w/ Tracer Rd 312</u>	COUNTY <u>DeWitt</u>	STATE <u>Ks</u>		
OLD OR NEW (Circle one) <u>NEW</u>							

CONTRACTOR Murfin 3 OWNER Same
 TYPE OF JOB San Face
 HOLE SIZE 12" x 14" T.D. 263'
 CASING SIZE 8 5/8" DEPTH 262'

TUBING SIZE	DEPTH	COMMON	AMOUNT ORDERED
DRILL PIPE	DEPTH	<u>175</u>	<u>175 @ 1625 2843.25</u>
TOOL	DEPTH	POZMIX	
PRES. MAX	DEPTH	GEL	
MEAS. LINE	MINIMUM	CHLORIDE	<u>7 @ 5800 407.10</u>
CEMENT LEFT IN CSG.	SHOE JOINT	ASC	
PERFS.			
DISPLACEMENT			
<u>15.23</u>			
EQUIPMENT			
PUMP TRUCK	CEMENTER		
# <u>477</u>	HELPER		
BULK TRUCK	DRIVER		
# <u>396</u>	<u>Mike</u>		
BULK TRUCK	DRIVER		
#			
REMARKS:			
<u>Runs 8 5/8 log</u>			
<u>circulate, mix cement</u>			
<u>Displace cement w/ H₂O</u>			
<u>Cement did circulate</u>			
<u>7 pusher</u>			
<u>Along way re, middle</u>			
CHARGE TO: <u>Murfin Drilling Co Inc</u>			
STREET			
CITY			
STATE			
ZIP			

DEPTH OF JOB	
PUMP TRUCK CHARGE	<u>1125.00</u>
EXTRA FOOTAGE	
MILEAGE <u>65 x 2</u>	<u>7.00 910.00</u>
MANIFOLD <u>attend</u>	<u>200.00</u>
<u>LT vehicle 65 x 2</u>	<u>4.00 520.00</u>
TOTAL	<u>4961.95</u>

DEPTH OF JOB	
PUMP TRUCK CHARGE	<u>1125.00</u>
EXTRA FOOTAGE	
MILEAGE <u>65 x 2</u>	<u>7.00 910.00</u>
MANIFOLD <u>attend</u>	<u>200.00</u>
<u>LT vehicle 65 x 2</u>	<u>4.00 520.00</u>
TOTAL	<u>2755.00</u>

PLUG & FLOAT EQUIPMENT	
<u>8 5/8 Wood Plug</u>	<u>22.00</u>
TOTAL	<u>91.00</u>

SALES TAX (If Any) _____
 TOTAL CHARGES _____
 DISCOUNT _____ IF PAID IN 30 DAYS

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 Lanfelt



P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300



BILL TO

Murfin Drilling Co Inc
PO Box 661
Colby, KS 67701-0661

- Acidizing
- Cement
- Tool Rental

Invoice

DATE	INVOICE #
6/18/2011	19773

Accty → cc:WF
cc:pl
From - Liz C.C.

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1-18	Tortuemke	Decatur	Company Rig #3	Oil	Development	Cement LongStri...	Don
PRICE REF.	DESCRIPTION		QTY	UM	UNIT PRICE	AMOUNT		
575D	Mileage - 1 Way		120	Miles	5.00	600.00		
578D-L	Pump Charge - Long String - 4064 Feet		1	Job	1,400.00	1,400.00		
221	Liquid KCL (Clayfix)		4	Gallon(s)	25.00	100.00T		
280	Flocheck 21		500	Gallon(s)	2.50	1,250.00T		
290	D-Air		2	Gallon(s)	35.00	70.00T		
409-5	5 1/2" Turbolizer		15	Each	80.00	1,200.00T		
403-5	5 1/2" Cement Basket		2	Each	230.00	460.00T		
404-5	5 1/2" Port Collar		1	Each	2,100.00	2,100.00T		
406-5	5 1/2" Latch Down Plug & Baffle		1	Each	225.00	225.00T		
407-5	5 1/2" Insert Float Shoe With Auto Fill		1	Each	300.00	300.00T		
413-5	5 1/2" Roto Wall Scratcher		15	Each	40.00	600.00T		
419-5	5 1/2" Rotating Head Rental		1	Each	150.00	150.00T		
325	Standard Cement		200	Sacks	12.00	2,400.00T		
276	Flocele		50	Lb(s)	1.50	75.00T		
283	Salt		1,000	Lb(s)	0.15	150.00T		
284	Calseal		10	Sack(s)	30.00	300.00T		
285	CFR-1		141	Lb(s)	4.00	564.00T		
581D	Service Charge Cement		200	Sacks	1.50	300.00		
583D	Drayage		22.86	Ton Miles	1.00	1,255.86		
	Subtotal					13,499.86		
	Sales Tax Decatur County				7.30%	725.91		
USED FOR - IC 103								
APPROVED								
We Appreciate Your Business!						Total	\$14,225.77	



CHARGE TO:
Martin Doty Co.
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET
 19773

PAGE 1 OF 2

SERVICE LOCATIONS 1. <i>Hays, KS</i>	WELL/PROJECT NO. <i>1-18</i>	LEASE <i>Torluomkr</i>	COUNTY/PARISH <i>Decatur</i>	STATE <i>Ks</i>	CITY	DATE <i>6-18-11</i>	OWNER
2. <i>Ness City, KS</i>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <i>Co Res</i>	RIG NAME/NO. <i>#3 (Kette)</i>	SHIPPED VIA <i>CT</i>	DELIVERED TO <i>NW/Oberlin, KS</i>	ORDER NO.	
3.	WELL TYPE <i>Dil</i>	WELL CATEGORY <i>Wildcat</i>	JOB PURPOSE <i>Cement Longstring</i>	WELL PERMIT NO.	WELL LOCATION		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE #113	120		mi		5.00	600.00
578		1			Pump Charge - cm + Longstring	1		ea	1400 FT.	1400.00	1400.00
221		1			Liquid KCL	4		gal		25.00	100.00
280		1			Fischeck-21	500		gal		2.50	1250.00
290		1			D-AIR	2		gal		35.00	70.00
409		1			Centralizers - Turbolizers	15		ea	5 1/2 in	80.00	1200.00
403		1			Cement Baskets	2		ea	5 1/2 in	230.00	460.00
404		1			Port Collar	1		ea	5 1/2 in	2100.00	2100.00
406		1			Latch Down Bottle & Plug	1		ea	5 1/2 in	225.00	225.00
407		1			Insert Float Shoe w/Auto-fill	1		ea	5 1/2 in	300.00	300.00
413		1			Roto Wall Scratchers	15		ea	5 ft.	40.00	600.00
419		1			Rotating Head Rental	1		ea	5 1/2 in	150.00	150.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X *[Signature]*
 DATE SIGNED *6-18-11* TIME SIGNED *0830* A.M. P.M.

REMIT PAYMENT TO:

SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	P1	8455.08
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				PAGE TOTAL	5044.86
WE UNDERSTOOD AND MET YOUR NEEDS?				subtotal	13499.86
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				Decatur TAX 7.3%	725.91
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TOTAL	14,225.77
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES <input type="checkbox"/> NO				
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR *[Signature]* APPROVAL

Thank You!

JOB LOG

SWIFT Services, Inc.

CUSTOMER Merritt Energy Co	WELL NO. 1-18	LEASE Top Luckwks	JOB TYPE Cement Longstring	TICKET NO. 19793
-------------------------------	------------------	----------------------	-------------------------------	---------------------

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESSURE (PSI) TUBING	CASEING	DESCRIPTION OF OPERATION AND MATERIALS
				T	C			
0830						15.5 # 5 1/2	4070'	On location w/ float equip (RS changing down)
0910								Start 5 1/2 - 15.5 #/ft casing to 4064'
								Insert float shoe w/ A/B R.D
								15 - RBG sensors
								LD B.M. - S.I. - 21' - @ 4043' = (96 1/4) (Diepl)
								Cont - Collars 1-in-14 & 36
								Cement Blocks - JTs 36 & 37
								Bit Collar @ 8527' #37 collar
								Fill up ball & STs out
								Fin run casing
1045								RS start circ / Rotate casing
1100								Fin circ / Hook to Swiss
1145		6	15			250		Pump 15 BB KCL flush
		6	12			250		Pump 500 SK Packer 21
		5	5			250		Pump 5 BB KCL Speed
		5				250		Start 150 SKS EA-2 out
1205			36			142		Fin out - Washout Pump Skins
1209		9				250		Drop L.D. Plug - Start Diepl
		9	70			350		Caught Press
		7 1/2	75			400		Stow rate
		7	90			500		Stow rate
		5	95			650		Stow rate
1220			96 1/4			700		Plug above - Hold - Release & Hold
			9			~		Plug RH - 30 SKS EA-2
			6 1/2			~		Plug MH - 30 SKS EA-2
1230								SRB complete
								Wash up & Rankup
								Shocks
								Alarm, change of David

Acct # —

cc: WFF
cc: LRI
Sullivan



P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300



Invoice

DATE	INVOICE #
6/28/2011	19829

BILL TO
 Murfin Drilling Co Inc
 PO Box 661
 Colby, KS 67701-0661

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator	
Net 30	#1-18	Torluemke	Decatur	Company Rig	Oil	Development	Cement Port Collar	Don	
PRICE REF.	DESCRIPTION			QTY	UM	UNIT PRICE	AMOUNT		
575D	Mileage - 1 Way			120	Miles	5.00	600.00		
576D-D	Pump Charge - Port Collar - 2520 Feet			1	Job	1,100.00	1,100.00		
290	D-Air			3	Gallon(s)	35.00	105.00T		
330	Swift Multi-Density Standard (MIDCON II)			225	Sacks	15.00	3,375.00T		
276	Flocele			57	Lb(s)	1.50	85.50T		
581D	Service Charge Cement			400	Sacks	1.50	600.00		
583D	Drayage			2,388.24	Ton Miles	1.00	2,388.24		
	Subtotal						8,253.74		
	Sales Tax Decatur County					7.30%	260.28		
	USED FOR			1C	103				
	APPROVED								
	1C103 280760001.1			8514.02	Cement Port Collar				
We Appreciate Your Business!							Total	\$8,514.02	



CHARGE TO:
Murphy Doby Co.
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET
 19829
 PAGE 1 OF 1

SERVICE LOCATIONS 1. <i>Hays, Ks</i>	WELL/PROJECT NO. <i>1-18</i>	LEASE <i>Torluente</i>	COUNTY/PARISH <i>Decatur</i>	STATE <i>Ks</i>	CITY	DATE <i>6-29-11</i>	OWNER
2. <i>Ness City, Ks</i>	TICKET TYPE <input type="checkbox"/> SERVICE <input checked="" type="checkbox"/> SALES	CONTRACTOR <i>CO RO</i>	RIG NAME/NO.	SHIPPED VIA <i>CT</i>	DELIVERED TO <i>NW/OberlinKs</i>	ORDER NO.	
3.	WELL TYPE <i>Dil</i>	WELL CATEGORY <i>Wildcat</i>	JOB PURPOSE <i>Connat Port Caller</i>	WELL PERMIT NO.	WELL LOCATION		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UM		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
<i>575</i>		<i>1</i>			MILEAGE #113	<i>120</i>		<i>mi</i>		<i>500</i>	<i>60000</i>
<i>576 D</i>		<i>1</i>			Pump Charge - connat Port Caller	<i>100</i>	<i>2520</i>	<i>ft</i>		<i>110000</i>	<i>110000</i>
<i>290</i>		<i>1</i>			D-Air	<i>3</i>	<i>gal</i>			<i>3500</i>	<i>10500</i>
<i>330</i>		<i>2</i>			SWD-connat	<i>225</i>		<i>SKS</i>		<i>1500</i>	<i>337500</i>
<i>276</i>		<i>2</i>			Flocebe	<i>57</i>		<i>lbs</i>		<i>150</i>	<i>8550</i>
<i>581</i>		<i>2</i>			Service Charge - Connat	<i>400</i>	<i>SKS</i>	<i>39704</i>	<i>lbs</i>	<i>150</i>	<i>60000</i>
<i>583</i>		<i>2</i>			Drayage <i>120 mi</i>	<i>7M</i>	<i>39804</i>	<i>lbs</i>		<i>100</i>	<i>238824</i>

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X *[Signature]*
 DATE SIGNED: *6-29-11* TIME SIGNED: *0900* A.M. P.M.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	<i>823374</i>
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					
WE UNDERSTOOD AND MET YOUR NEEDS?					
OUR SERVICE WAS PERFORMED WITHOUT DELAY?					
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?					
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES <input type="checkbox"/> NO				
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL	<i>851402</i>

Decatur TAX 7.3% *26028*

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR: *[Signature]* APPROVAL: _____

Thank You!

JOB LOG

SWIFT SERVICES, INC.

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								ON location
	0850							Set up TFS. Part Collar @ 2520'
	0920					1200	1200	Test P.C. closed - OK
	0940	3				C	550	Open P.C. - Inj rate
	0948	3				400	400	Made to lbs -
	0945	3	7			550	550	Start 80-81 Mud
	1010	3	80			500	500	Have Returns - 7881
		3	3			450	450	Fin Mud - Start H2O (3881)
		3	55			400	400	Fin H2O - Start cont mud @ 11.2 #/gal
		3	80			500	500	@ 55 881 - Good Returns
		3	90			500	500	@ 80 881 - Loosing Returns
		3 1/2	110			600	600	@ 90 881 - inj rate - very little Return
		3 1/2	110			600	600	Fin 200 SKS SWD @ 11.2 #/gal
		3	110			550	550	Start 20-50 SKS SWD @ 13.0 #/gal
		3	8			500	500	Fin cont - No Returns - floccle ?
						600	600	Drop 8 881 H2O
						1200	1200	Fin H2O - close Part Collar
								Test P.C. closed - OK
		2 1/2						Run 6. Its 76g
						400	400	Run-out cont - 2 Flgs
						600	600	Fin Run-out
	11:30							Wash up & Backup 7005
	12:00							Job complete
								Thanks
								Don, Doug & Rob.