



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: _____



1063351

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

September 14, 2011

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

Re: ACO1
API 15-193-20800-00-00
Steele 'A' 2-20
NE/4 Sec.20-10S-34W
Thomas 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 Steele 'A' #2-20 2200' FNL 550' FEL Sec. 20-T10S-R34W 3250' KB							MDCI Steele 'A' #1-20 1760' FNL 1450' FEL Sec. 20-T10S-R34W 3238' KB	
Formation	Sample Top	Datum	Ref	Log Tops	Datum	Ref	Log Top	Datum
Anhydrite	2741	+509	+8	2752	+498	-3	2734	+501
B/Anhydrite	2781	+469	+5	2777	+473	+9	2762	+464
Topeka	3908	-658	Flat	3908	-658	Flat	3896	-658
Heebner	4125	-875	-1	4122	-872	+2	4112	-874
Lansing	4166	-916	-2	4165	-915	-1	4152	-914
Stark	4397	-1147	-3	4386	-1136	+8	4382	-1144
Pawnee	4583	-1333	-2	4580	-1330	+1	4569	-1331
Fort Scott				4638	-1388	-4	4622	-1384
Johnson Zn				4714	-1464	-6	4696	-1458
Mississippi	4800	-1550	-20	4804	-1554	-24	4768	-1530
RTD	4900						4845	-1607
LTD				4900			4845	-1607

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY Murphy Drilling Co., Inc. ELEVATIONS _____
 LEASE Strickland # 2-20

FIELD _____ KB 3250
 LOCATION 2200 ELL. SEC 5 E 10 S R 10 W OF _____
 SEC _____ TWP _____ RGE _____

COUNTY Madison STATE KS MEASURED BY AI 11
 CONTRACTOR Murphy Drilling Co., Inc. FROM _____
 SPUD 7/21/11 COMP 7/15/11 PRODUCT ON 5/10/11

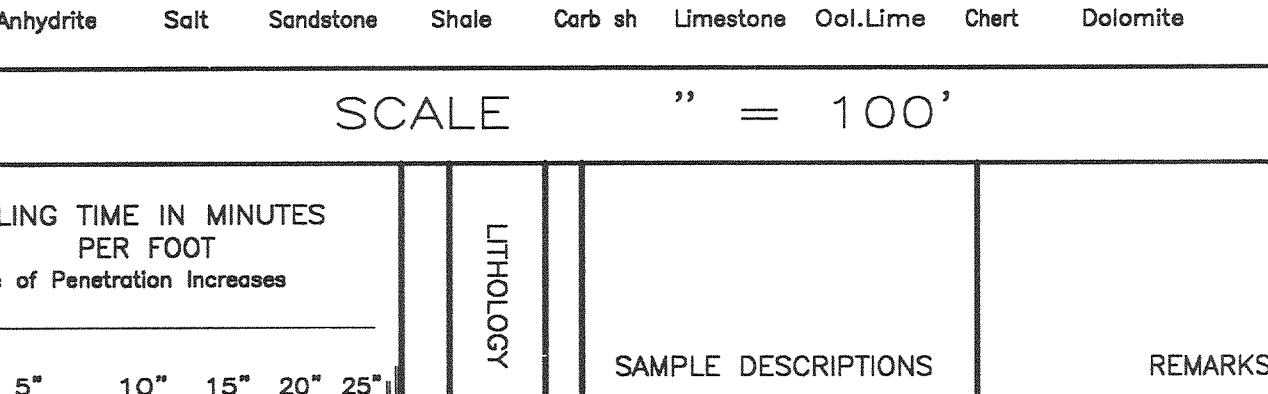
RID 4900 LTD 4900 ELECTRICAL SURVEYS
 MUD UP 5500 TYPE MUD Water Prod. Simul. Miro temp den

SAMPLES SAVED FROM 3800 TO 4900
 DRILLING TIME KEPT FROM _____ TO _____
 SAMPLES EXAMINED FROM 3800 TO _____
 GEOLOGICAL SUPERVISION FROM 3800 TO _____
 GEOLOGIST ON WELL Richard R. Kibler

FORMATION TOPS	LOGS	SAMPLES
Cherokee	2751	4909
Cherokee	3000	450
Cherokee	4125	403
Cherokee	4165	415
Cherokee	4400	4196
Cherokee	4450	4494
Cherokee	4480	4534
Cherokee	4490	4417
Cherokee	4490	4403

REMARKS

LEGEND



SCALE " = 100'

DEPTH	DRILLING TIME IN MINUTES PER FOOT Rate of Penetration Increases	LITHOLOGY	SAMPLE DESCRIPTIONS	REMARKS
3800	10		15' tan to light gray sh	
3900	10		15' tan to light gray sh	
4000	10		15' tan to light gray sh	
4100	10		15' tan to light gray sh	
4200	10		15' tan to light gray sh	
4300	10		15' tan to light gray sh	
4400	10		15' tan to light gray sh	
4500	10		15' tan to light gray sh	
4600	10		15' tan to light gray sh	
4700	10		15' tan to light gray sh	
4800	10		15' tan to light gray sh	
4900	10		15' tan to light gray sh	

DST # 1
 4132-4166
 30'-60'-60'-90'
 1st open - 1"
 2nd open - 1"
 Rec:
 62' COMUL
 530 SSBW
 IFF 24-28 IMP 2061
 IFF 33-49 IFF 1954
 IFF 1241 IFF 1954
 FFFP 1230

DST # 2
 4197-4210
 30'-60'-60'-90'
 1st open - BOB 1 1/2"
 2nd open - BOB 2"
 Rec:
 279 COMUL
 880
 1271' LU
 2170' tot
 IFF 149-154 IFF 2170
 IFF 666-1030 IFF 1954
 IFF 1203 IFF 1954
 FFFP 1207

DST # 3
 4213-4266
 30'-60'-60'-90'
 1st open - BOB 1"
 2nd open - BOB 2"
 Rec:
 434' MEW hand
 310' MEW hand
 1550' MEW
 2274' tot
 IFF 197-692 IFF 2170
 IFF 770-1097 IFF 2170
 IFF 1235 IFF 2010
 FFFP 1242

DST # 4
 4309-4392
 30'-60'-60'-90'
 1st open - BOB 22"
 2nd open - BOB 19"
 Rec:
 196' GO 10%G
 124' COM 10%G
 124' COM 10%G
 434' tot
 IFF 37-111 IFF 2225
 IFF 127-180 IFF 2042
 IFF 1224 IFF 2042
 IFF 1207

DST # 5
 4374-4428
 30'-60'-60'-90'
 1st open - BOB 2"
 2nd open - BOB 3"
 Rec:
 1077' GO 20%G
 1000' COM 20%G
 20%G 20%G
 124' MEW
 2201' tot
 IFF 163-524 IFF 2166
 IFF 566-903 IFF 2061
 IFF 1261 IFF 2061
 FFFP 457

DST # 6
 4600-4635
 30'-60'-60'-90'
 1st open - BOB 3"
 2nd open - BOB 4"
 Rec:
 1448' COM
 55' GO 20%G
 124' MEW 10%G
 682' tot
 IFF 61-197 IFF 2170
 IFF 214-307 IFF 2181
 IFF 1419 IFF 1954
 FFFP 457

DST # 7
 4704-4748
 30'-60'-60'-90'
 1st open - 7"
 2nd open - BOB 52"
 Rec:
 124' GO 30%G
 162' COM 10%G
 162' tot 30%G
 IFF 33-52 IFF 2544
 IFF 65-95 IFF 2544
 IFF 411 IFF 2281
 FFFP 394

DST # 8
 4800-4800
 30'-60'-60'-90'
 1st open - BOB 1"
 2nd open - BOB 1"
 Rec:
 124' MEW
 124' MEW
 248' tot
 IFF 163-524 IFF 2166
 IFF 566-903 IFF 2061
 IFF 1261 IFF 2061
 FFFP 457

COMPANY _____ ELEVATION: _____
 LEASE _____ SEC _____ TWP _____ RNG _____
 LOCATION _____ STATE _____
 COUNTY _____



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Murfin Drilling Company
250 N Water ste 300
Wichita, KS 67202
ATTN: Mike Kidwell

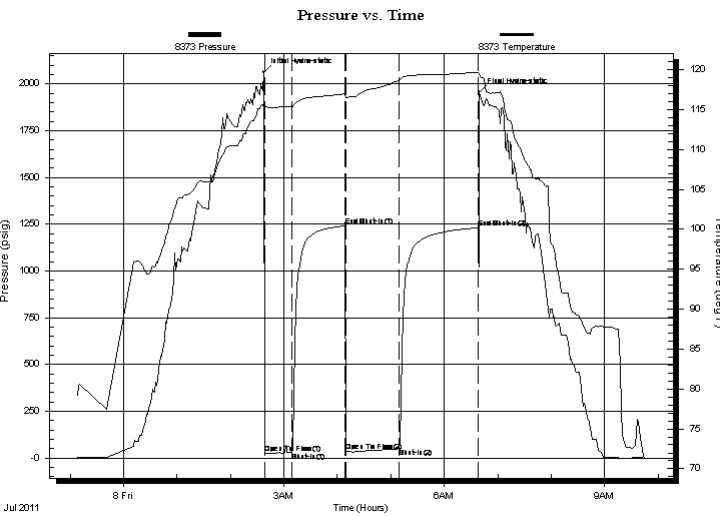
Steele A 2-20
20-10-34 Thomas
Job Ticket: 042701 **DST#: 1**
Test Start: 2011.07.07 @ 23:08:28

GENERAL INFORMATION:

Formation: **Toronto**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 02:38:38
Time Test Ended: 09:44:53
Interval: **4132.00 ft (KB) To 4166.00 ft (KB) (TVD)**
Total Depth: 4166.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Brandon Turley
Unit No: 35
Reference Elevations: 3249.00 ft (KB)
3239.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8373 Inside
Press @ Run Depth: 49.48 psig @ 4133.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.07.07 End Date: 2011.07.08 Last Calib.: 2011.07.08
Start Time: 23:08:28 End Time: 09:44:53 Time On Btm: 2011.07.08 @ 02:37:23
Time Off Btm: 2011.07.08 @ 06:39:37

TEST COMMENT: IF: 1/4 blow built to 1 in 30 min.
IS: No return.
FF: Surface blow built to 1 in 60 min.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2061.55	115.75	Initial Hydro-static
2	24.54	115.21	Open To Flow (1)
32	28.81	115.36	Shut-In(1)
92	1241.11	116.99	End Shut-In(1)
93	33.65	116.44	Open To Flow (2)
152	49.48	118.64	Shut-In(2)
241	1230.82	119.66	End Shut-In(2)
243	1954.71	119.37	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	ocmw 5%o 55%w 40%m	0.30

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Company

Steele A 2-20

250 N Water ste 300
Wichita, KS 67202

20-10-34 Thomas

Job Ticket: 042701

DST#: 1

ATTN: Mike Kidwell

Test Start: 2011.07.07 @ 23:08:28

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: 21000 ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl	
Water Loss: 8.78 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 7600.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

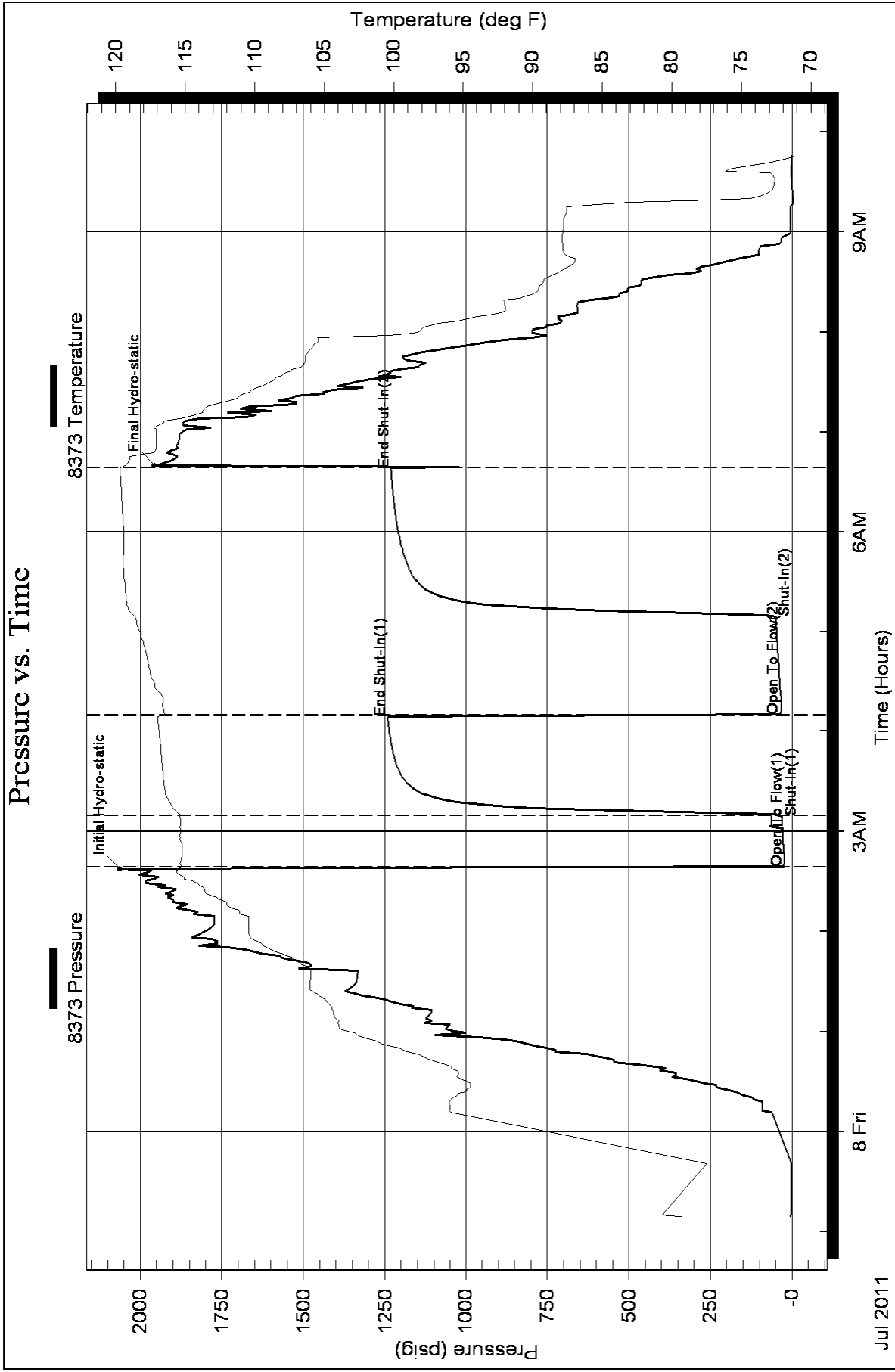
Length ft	Description	Volume bbl
62.00	ocmw 5%o 55%w 40%m	0.305

Total Length: 62.00 ft Total Volume: 0.305 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: .31@73=21000





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Murfin Drilling Company
 250 N Water ste 300
 Wichita, KS 67202
 ATTN: Mike Kidwell

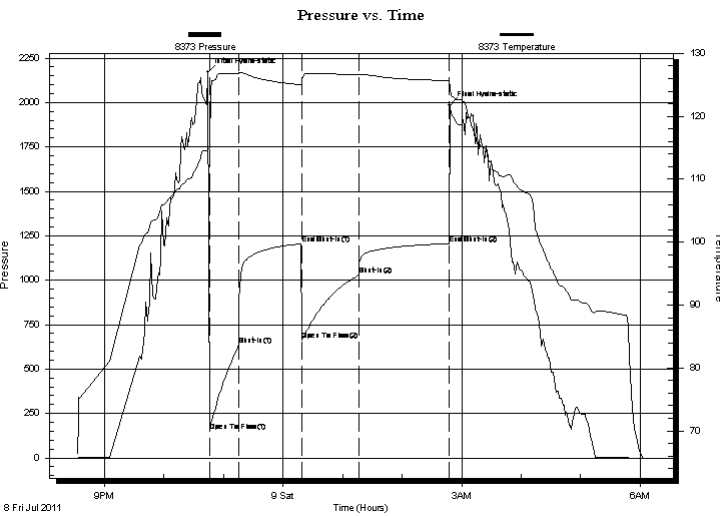
Steele A 2-20
20-10-34 Thomas
 Job Ticket: 042702 **DST#: 2**
 Test Start: 2011.07.08 @ 20:32:56

GENERAL INFORMATION:

Formation: **Lansing C**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:45:36
 Time Test Ended: 06:04:51
 Interval: **4187.00 ft (KB) To 4210.00 ft (KB) (TVD)**
 Total Depth: 4210.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Brandon Turley
 Unit No: 35
 Reference Elevations: 3249.00 ft (KB)
 3239.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8373 Inside
 Press @ Run Depth: 1030.51 psig @ 4188.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.07.08 End Date: 2011.07.09 Last Calib.: 2011.07.09
 Start Time: 20:32:56 End Time: 06:04:51 Time On Btm: 2011.07.08 @ 22:44:06
 Time Off Btm: 2011.07.09 @ 02:47:50

TEST COMMENT: IF: BOB in 1 1/2 min. Gas to surface in 28 min.
 IS: No return.
 FF: BOB in 2 min. Gas would not burn.
 FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2169.78	114.46	Initial Hydro-static
2	148.66	114.98	Open To Flow (1)
32	634.15	126.82	Shut-In(1)
95	1203.29	124.96	End Shut-In(1)
95	665.65	125.16	Open To Flow (2)
153	1030.51	126.65	Shut-In(2)
243	1206.67	125.69	End Shut-In(2)
244	1985.14	124.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1271.00	water 100%w	16.13
620.00	mcw trace of oil 90%w 10%m	8.70
279.00	ocw m 5%o 45%w 50%m	3.91

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Company

Steele A 2-20

250 N Water ste 300
Wichita, KS 67202

20-10-34 Thomas

Job Ticket: 042702

DST#: 2

ATTN: Mike Kidwell

Test Start: 2011.07.08 @ 20:32:56

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:

48000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7800.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
1271.00	water 100%w	16.134
620.00	mcw trace of oil 90%w 10%m	8.697
279.00	ocw m 5%o 45%w 50%m	3.914

Total Length: 2170.00 ft Total Volume: 28.745 bbf

Num Fluid Samples: 0

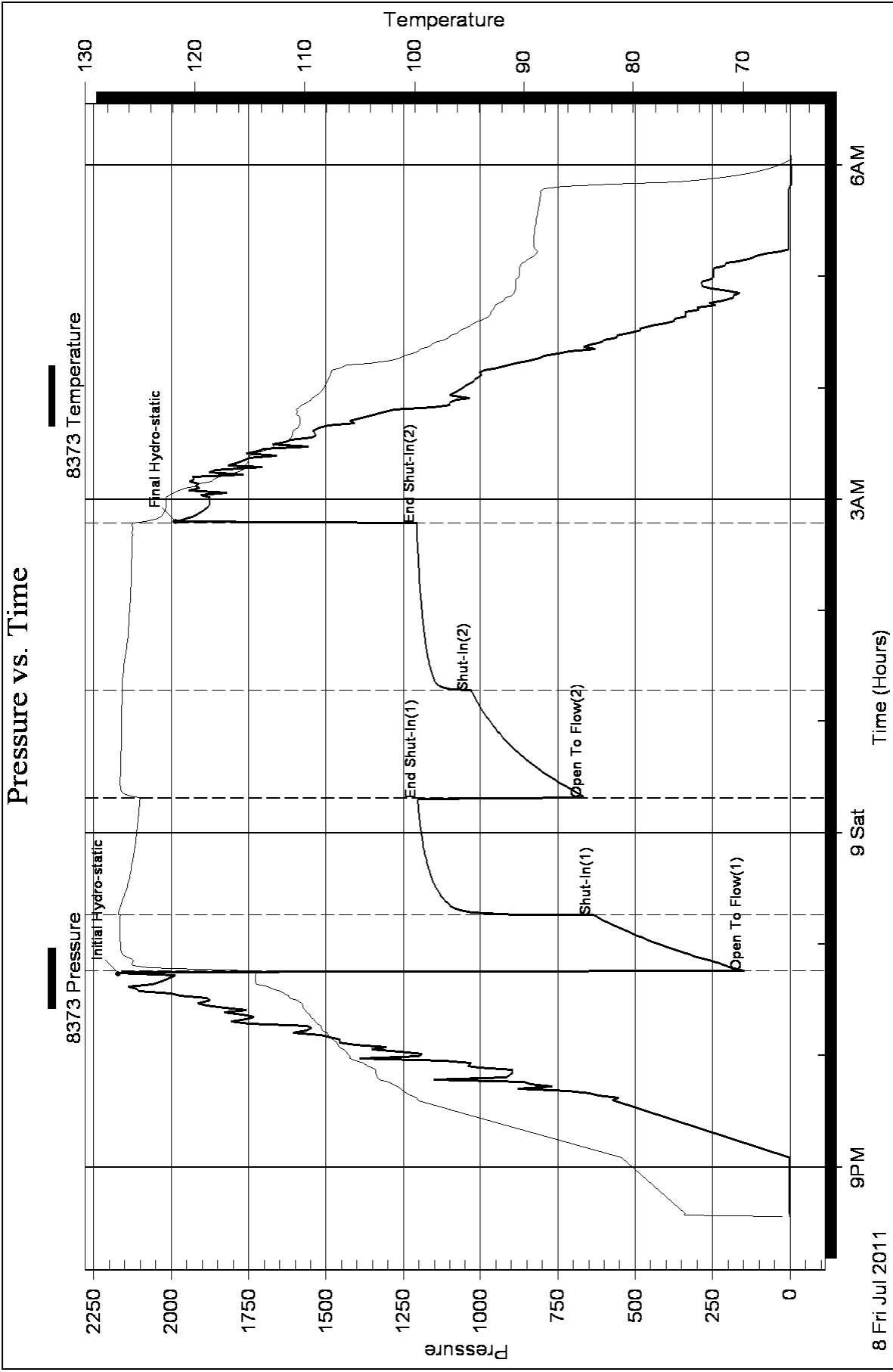
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .16@70=48000





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Murfin Drilling Company
 250 N Water ste 300
 Wichita, KS 67202
 ATTN: Mike Kidwell

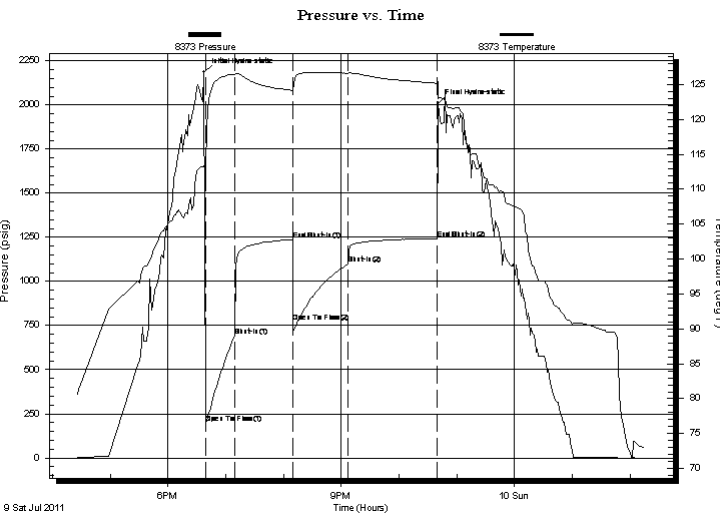
Steele A 2-20
20-10-34 Thomas
 Job Ticket: 042703 **DST#: 3**
 Test Start: 2011.07.09 @ 16:26:11

GENERAL INFORMATION:

Formation: **DEF**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:39:06
 Time Test Ended: 02:15:21
 Interval: **4213.00 ft (KB) To 4266.00 ft (KB) (TVD)**
 Total Depth: 4266.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Brandon Turley
 Unit No: 35
 Reference Elevations: 3249.00 ft (KB)
 3239.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8373 Inside
 Press @ Run Depth: 1097.86 psig @ 4214.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.07.09 End Date: 2011.07.10 Last Calib.: 2011.07.10
 Start Time: 16:26:11 End Time: 02:15:21 Time On Btm: 2011.07.09 @ 18:37:36
 Time Off Btm: 2011.07.09 @ 22:40:50

TEST COMMENT: IF: BOB in 1 min.
 IS: No return.
 FF: BOB in 2 min.
 FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2184.90	113.42	Initial Hydro-static
2	197.05	113.38	Open To Flow (1)
32	692.88	126.47	Shut-In(1)
92	1235.17	124.13	End Shut-In(1)
92	770.89	123.90	Open To Flow (2)
150	1097.86	126.63	Shut-In(2)
242	1242.85	125.19	End Shut-In(2)
244	2010.48	123.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1550.00	mcw 95%w 5%m	20.05
310.00	mcw trace oil 90%w 10%m	4.35
434.00	mcw trace oil 60%w 40%m	6.09

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Company

Steele A 2-20

250 N Water ste 300
Wichita, KS 67202

20-10-34 Thomas

Job Ticket: 042703

DST#: 3

ATTN: Mike Kidwell

Test Start: 2011.07.09 @ 16:26:11

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:

36000 ppm

Viscosity: 80.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.60 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 9600.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1550.00	mcw 95%w 5%m	20.048
310.00	mcw trace oil 90%w 10%m	4.348
434.00	mcw trace oil 60%w 40%m	6.088

Total Length: 2294.00 ft Total Volume: 30.484 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

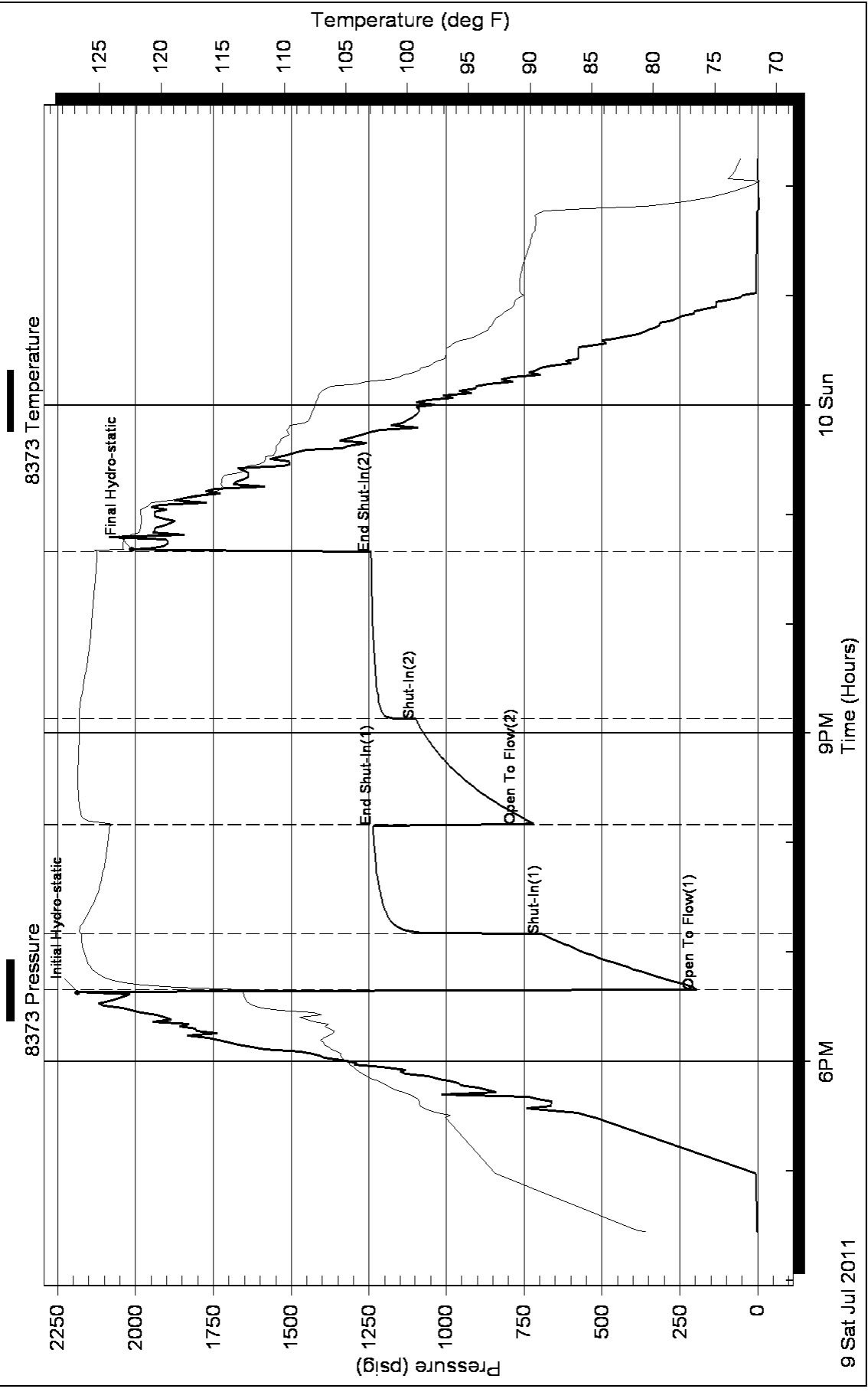
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .19@73=36000

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Murfin Drilling Company

250 N Water ste 300
Wichita, KS 67202

ATTN: Mike Kidwell

Steele A 2-20

20-10-34 Thomas

Job Ticket: 042704

DST#: 4

Test Start: 2011.07.10 @ 19:40:49

GENERAL INFORMATION:

Formation: **HI J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:27:14

Time Test Ended: 05:13:29

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

Interval: 4309.00 ft (KB) To 4392.00 ft (KB) (TVD)

Reference Elevations: 3249.00 ft (KB)

Total Depth: 4392.00 ft (KB) (TVD)

3239.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8373

Inside

Press @ Run Depth: 180.05 psig @ 4310.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.07.10

End Date:

2011.07.11

Last Calib.:

2011.07.11

Start Time:

19:40:49

End Time:

05:13:29

Time On Btm:

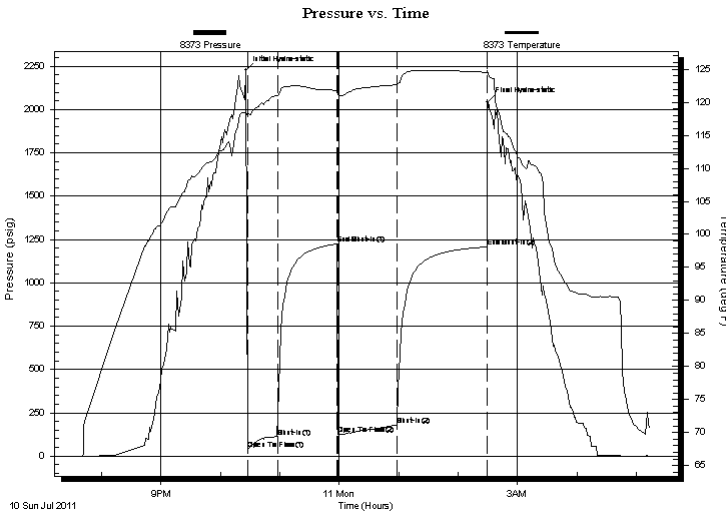
2011.07.10 @ 22:25:44

Time Off Btm:

2011.07.11 @ 02:30:13

TEST COMMENT: IF: BOB in 22 min.
IS: Surface blow never built.
FF: BOB in 19 min.
FS: Surface blow died in 30 min.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2225.75	118.52	Initial Hydro-static
2	37.25	117.99	Open To Flow (1)
32	111.41	120.97	Shut-In(1)
92	1224.02	121.83	End Shut-In(1)
93	127.27	121.21	Open To Flow (2)
153	180.05	122.68	Shut-In(2)
244	1207.92	124.55	End Shut-In(2)
245	2042.98	124.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	ocm 10%o 90%m	0.61
124.00	gocm 5%g 10%o 85%m	1.17
186.00	go 10%g 90%o	2.61
0.00	310 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Company

Steele A 2-20

250 N Water ste 300
Wichita, KS 67202

20-10-34 Thomas

Job Ticket: 042704

DST#: 4

ATTN: Mike Kidwell

Test Start: 2011.07.10 @ 19:40:49

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

32 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.60 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 9600.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
124.00	ocm 10%o 90%m	0.610
124.00	gocm 5%g 10%o 85%m	1.175
186.00	go 10%g 90%o	2.609
0.00	310 GIP	0.000

Total Length: 434.00 ft

Total Volume: 4.394 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

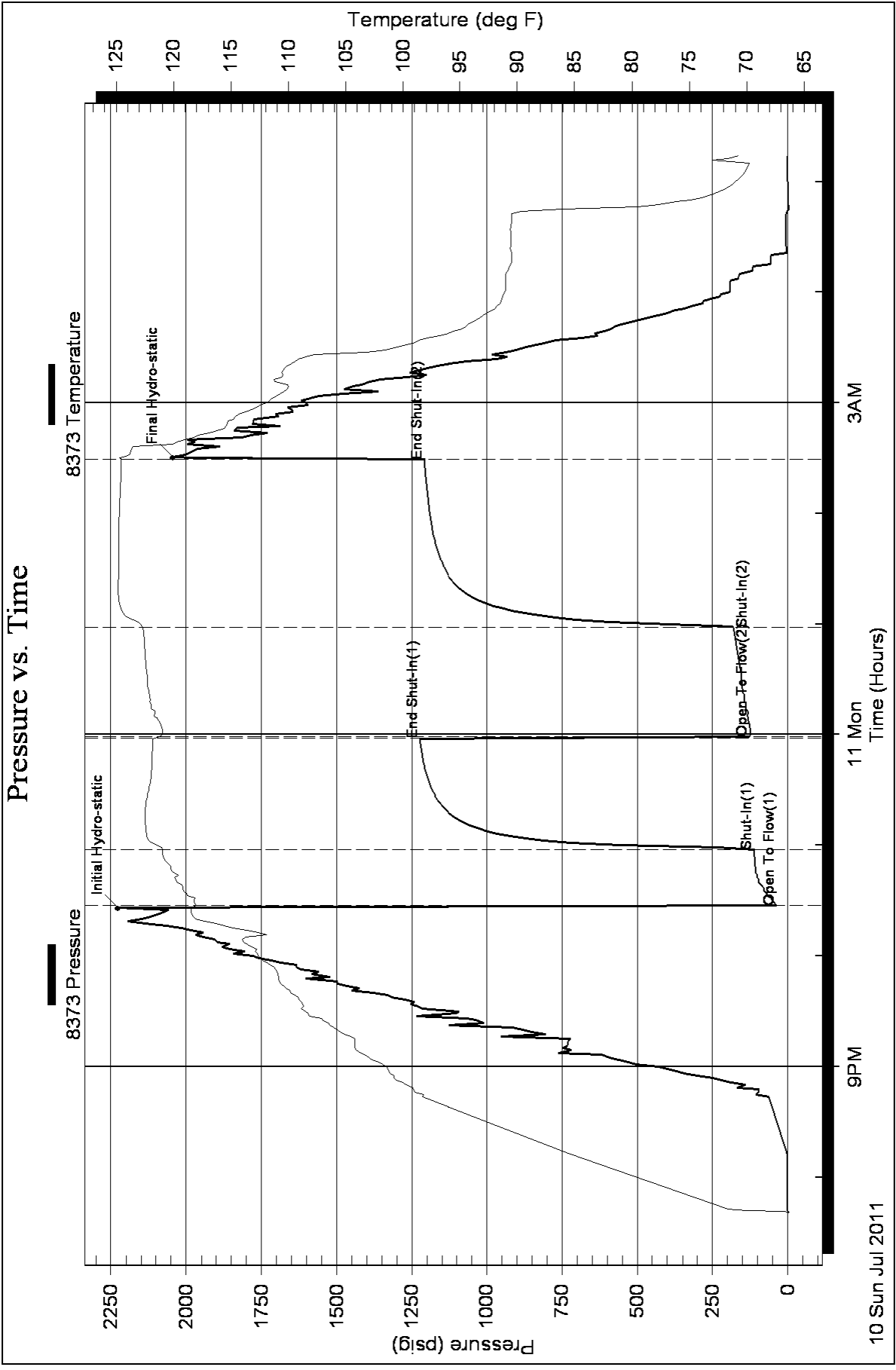
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 33@70=32

Pressure vs. Time





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Murfin Drilling Company
 250 N Water ste 300
 Wichita, KS 67202
 ATTN: Mike Kidwell

Steele A 2-20
20-10-34 Thomas
 Job Ticket: 042705 **DST#: 5**
 Test Start: 2011.07.11 @ 14:12:27

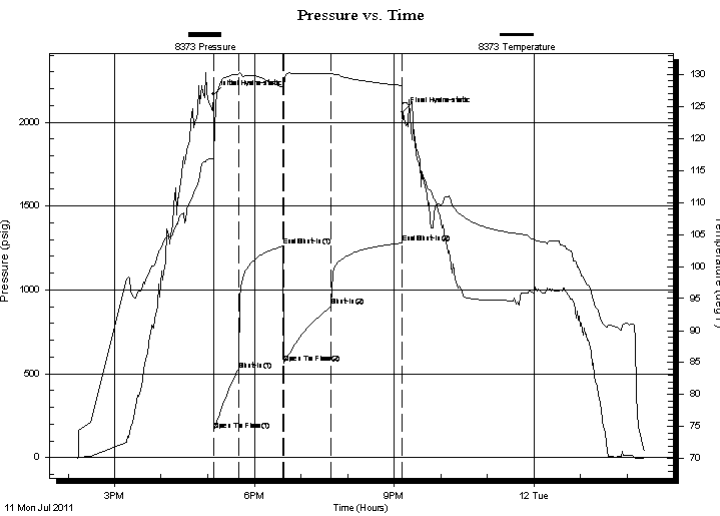
GENERAL INFORMATION:

Formation: **K**
 Deviated: **No** Whipstock: **ft (KB)** Test Type: **Conventional Bottom Hole**
 Time Tool Opened: 17:08:22 Tester: **Brandon Turley**
 Time Test Ended: 02:23:37 Unit No: **35**

Interval: 4394.00 ft (KB) To 4428.00 ft (KB) (TVD) Reference Elevations: **3249.00 ft (KB)**
 Total Depth: **4428.00 ft (KB) (TVD)** **3239.00 ft (CF)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good** KB to GR/CF: **10.00 ft**

Serial #: 8373 **Inside**
 Press @ Run Depth: 903.17 psig @ 4395.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.07.11 End Date: 2011.07.12 Last Calib.: 2011.07.12
 Start Time: 14:12:27 End Time: 02:23:37 Time On Btm: 2011.07.11 @ 17:07:07
 Time Off Btm: 2011.07.11 @ 21:10:51

TEST COMMENT: IF: BOB in 2 min.
 IS: Surface blow built to 5 in 60 min.
 FF: BOB in 3 min.
 FS: Surface blow BOB in 60 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2166.87	116.79	Initial Hydro-static
2	163.50	117.43	Open To Flow (1)
33	524.82	130.04	Shut-In(1)
90	1261.31	127.96	End Shut-In(1)
91	566.55	128.05	Open To Flow (2)
152	903.17	130.07	Shut-In(2)
243	1279.11	128.27	End Shut-In(2)
244	2061.82	125.46	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	mcw 90%w 10%m	0.61
1000.00	gocw m 20%g 20%o 20%w 40%m	13.46
1077.00	go 20%g 80%o	15.11
0.00	744 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Company

Steele A 2-20

250 N Water ste 300
Wichita, KS 67202

20-10-34 Thomas

Job Ticket: 042705

DST#: 5

ATTN: Mike Kidwell

Test Start: 2011.07.11 @ 14:12:27

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

35 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

38000 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.60 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 9900.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	mcw 90%w 10%m	0.610
1000.00	gocw m 20%g 20%o 20%w 40%m	13.463
1077.00	go 20%g 80%o	15.107
0.00	744 GIP	0.000

Total Length: 2201.00 ft Total Volume: 29.180 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

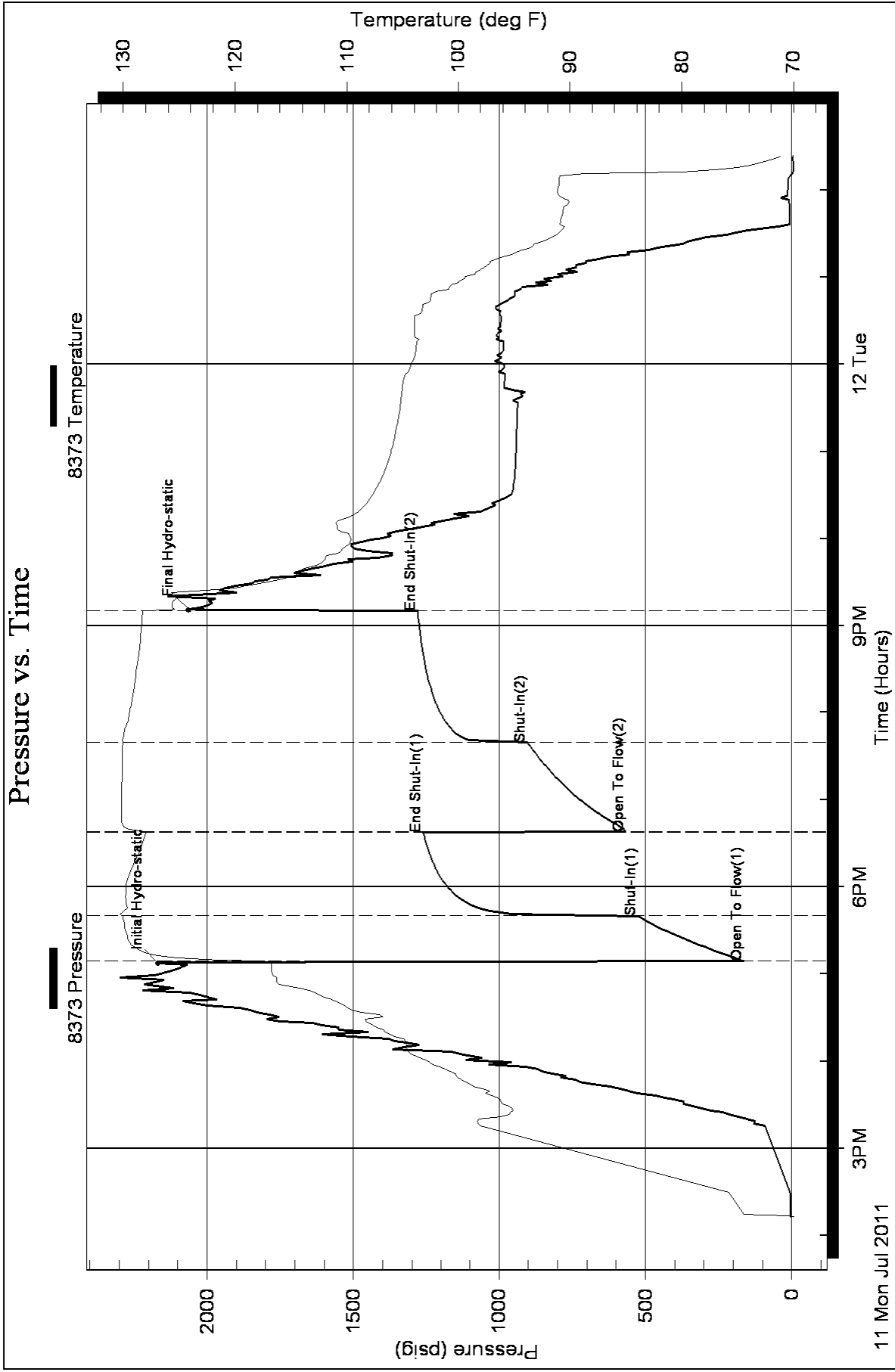
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 37@80=35

.19@72=38000





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Murfin Drilling Company

Steele A 2-20

250 N Water ste 300
Wichita, KS 67202

20-10-34 Thomas

ATTN: Mike Kidwell

Job Ticket: 042706

DST#: 6

Test Start: 2011.07.13 @ 01:01:43

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:04:23

Time Test Ended: 11:42:38

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

Interval: 4600.00 ft (KB) To 4635.00 ft (KB) (TVD)

Reference Elevations: 3249.00 ft (KB)

Total Depth: 4635.00 ft (KB) (TVD)

3239.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8373

Inside

Press @ Run Depth: 309.68 psig @ 4601.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.07.13

End Date:

2011.07.13

Last Calib.:

2011.07.13

Start Time: 01:01:43

End Time:

11:42:38

Time On Btm:

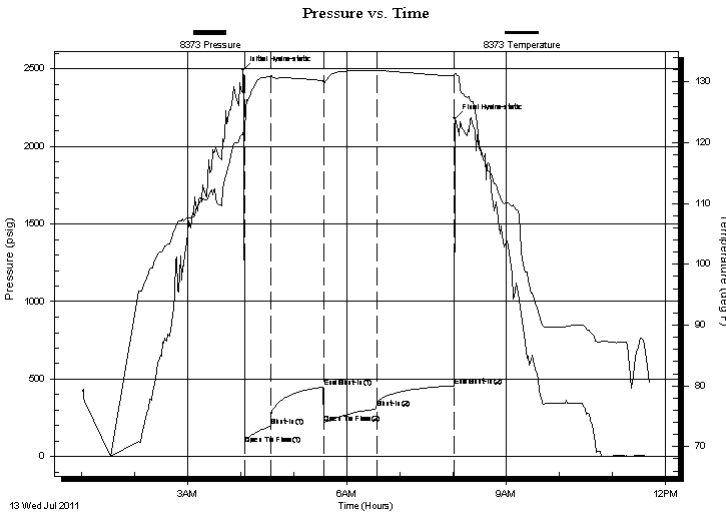
2011.07.13 @ 04:02:38

Time Off Btm:

2011.07.13 @ 08:01:52

TEST COMMENT: IF: BOB in 3 min.
IS: BOB in 32 min.
FF: BOB in 4 min.
FS: BOB in 8 min.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2490.55	121.52	Initial Hydro-static
2	81.01	121.94	Open To Flow (1)
32	197.76	130.94	Shut-In(1)
91	449.46	130.21	End Shut-In(1)
92	218.54	129.92	Open To Flow (2)
151	309.68	131.89	Shut-In(2)
239	457.11	130.97	End Shut-In(2)
240	2181.34	131.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	mcw 90%w 10%m	0.61
558.00	go 20%g 80%o	7.26
0.00	1488 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Company

Steele A 2-20

250 N Water ste 300
Wichita, KS 67202

20-10-34 Thomas

Job Ticket: 042706

DST#: 6

ATTN: Mike Kidwell

Test Start: 2011.07.13 @ 01:01:43

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:

30000 ppm

Viscosity: 62.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 10400.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	mcw 90%w 10%m	0.610
558.00	go 20%g 80%o	7.262
0.00	1488 GIP	0.000

Total Length: 682.00 ft Total Volume: 7.872 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

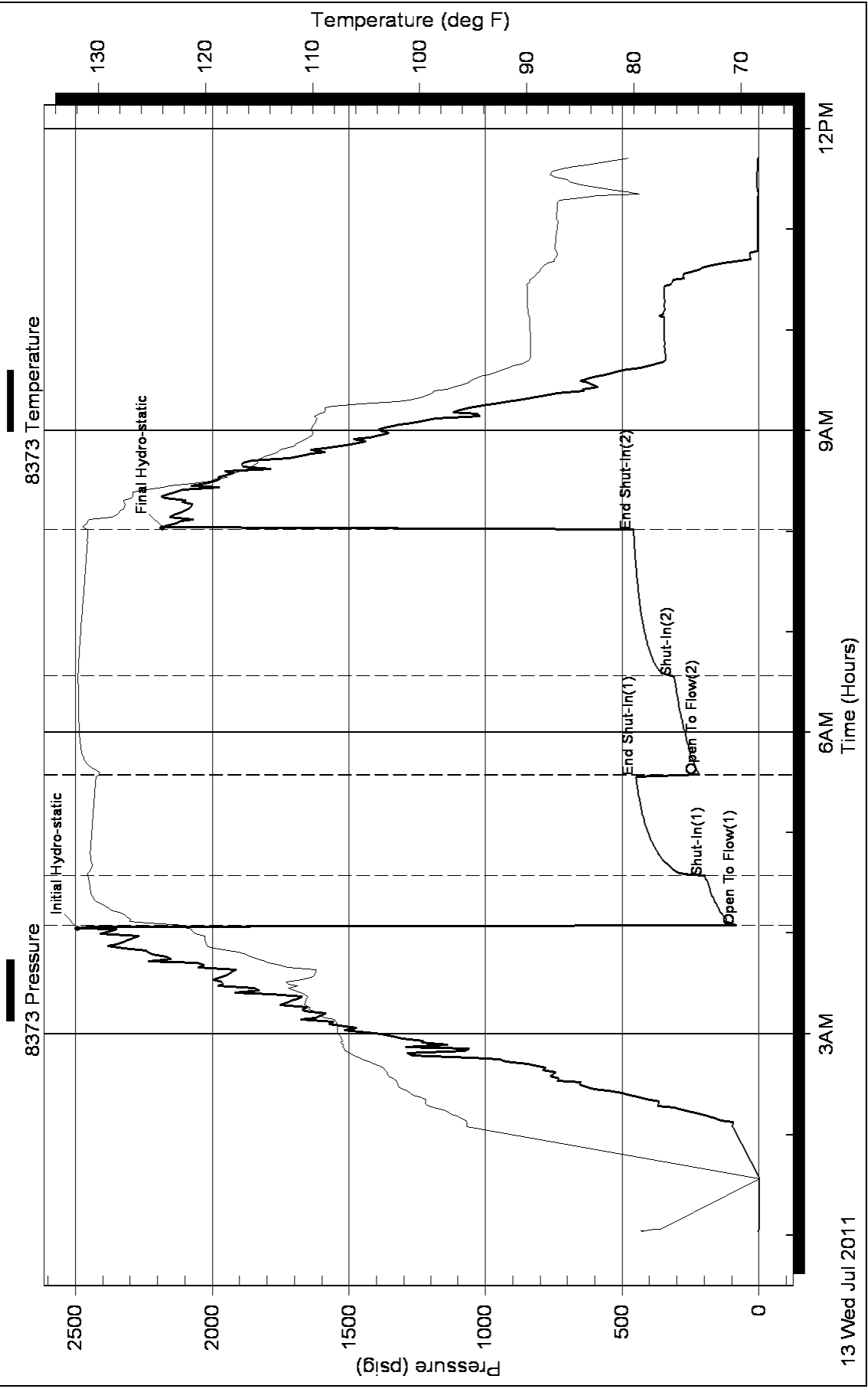
Laboratory Name:

Laboratory Location:

Recovery Comments: 40@90=37

.19@83=30000

Pressure vs. Time





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Murfin Drilling Company
 250 N Water ste 300
 Wichita, KS 67202
 ATTN: Mike Kidwell

Steele A 2-20
20-10-34 Thomas
 Job Ticket: 042707 **DST#: 7**
 Test Start: 2011.07.14 @ 02:30:34

GENERAL INFORMATION:

Formation: **Johnson**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:50:34
 Time Test Ended: 11:21:04
 Interval: **4704.00 ft (KB) To 4748.00 ft (KB) (TVD)**
 Total Depth: 4748.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Brandon Turley
 Unit No: 35
 Reference Elevations: 3249.00 ft (KB)
 3239.00 ft (CF)
 KB to GR/CF: 10.00 ft

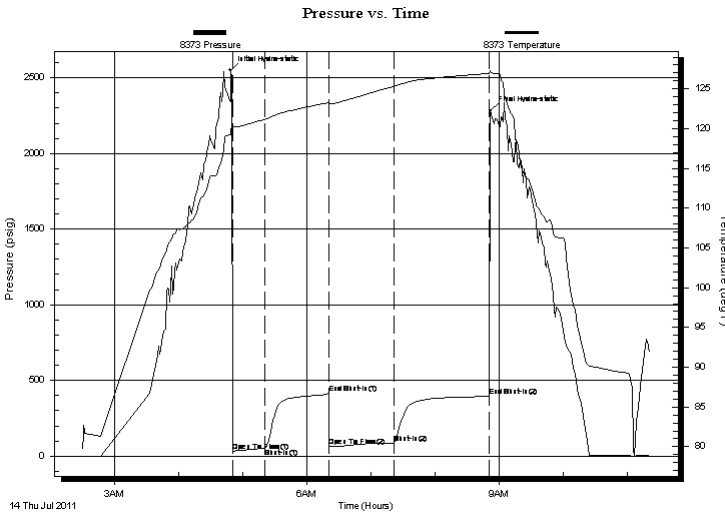
Serial #: 8373

Inside

Press @ Run Depth: 85.55 psig @ 4705.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.07.14 End Date: 2011.07.14 Last Calib.: 2011.07.14
 Start Time: 02:30:39 End Time: 11:21:04 Time On Btm: 2011.07.14 @ 04:49:04
 Time Off Btm: 2011.07.14 @ 08:52:04

TEST COMMENT: IF: Surface blow built to 7 in 30 min.
 IS: No return.
 FF: Surface blow BOB in 52 min.
 FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2548.72	119.32	Initial Hydro-static
2	33.58	120.13	Open To Flow (1)
32	52.09	121.18	Shut-In(1)
92	414.83	123.26	End Shut-In(1)
92	65.66	123.10	Open To Flow (2)
153	85.55	125.29	Shut-In(2)
242	394.33	126.93	End Shut-In(2)
243	2281.40	127.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	gocm 10%g 30%o 60%m	0.30
124.00	go 30%g 70%o	0.61

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Company

Steele A 2-20

250 N Water ste 300
Wichita, KS 67202

20-10-34 Thomas

Job Ticket: 042707

DST#: 7

ATTN: Mike Kidwell

Test Start: 2011.07.14 @ 02:30:34

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

24 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 72.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 10400.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
62.00	gocm 10%g 30%o 60%m	0.305
124.00	go 30%g 70%o	0.610

Total Length: 186.00 ft Total Volume: 0.915 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

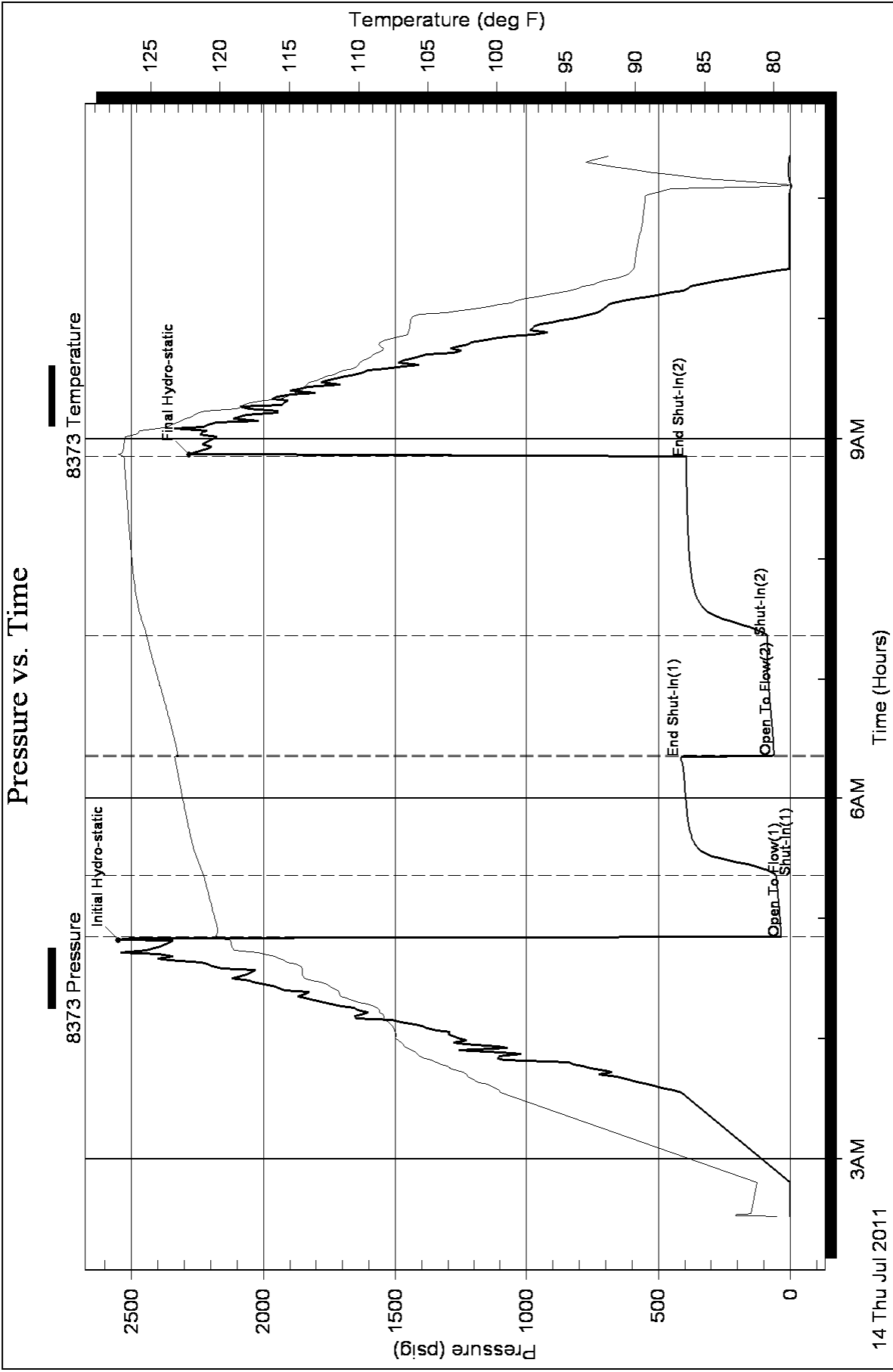
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 28@100=24

Pressure vs. Time





PO BOX 31 Russell, KS 67665

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

PROD COPY

INVOICE

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 Lin
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 Bernie*

Invoice Number: 127777

Invoice Date: Jul 2, 2011

Page: 1

Federal Tax I.D.#: 20-5975804

Bill To:

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

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Murfin	Steele A #2-20	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Jul 2, 2011	8/1/11

Quantity	Item	Description	Unit Price	Amount
200.00	MAT	Class A Common	16.25	3,250.00
7.00	MAT	Chloride	58.20	407.40
207.00	SER	Handling	2.25	465.75
18.00	SER	Mileage 207 sk @.11 per sk per mi	22.77	409.86
1.00	SER	Surface	1,125.00	1,125.00
36.00	SER	Pump Truck Mileage	7.00	252.00
1.00	SER	Manifold Head Rental	200.00	200.00
36.00	SER	Light Vehicle Mileage	4.00	144.00
1.00	CEMENTER	Andrew Forslund		
1.00	OPER ASSIST	Jerry Yates		
1.00	EQUIP OPER	Darren Racette		

Account No. *FD203* Description *Cement 5. Csg, # 2-20*
 6,521.00
 (2,188.90)
 3. 7426.002

Subtotal	6,254.01
Sales Tax	266.99
Total Invoice Amount	6,521.00
Payment/Credit Applied	
TOTAL	6,521.00

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

\$ 2,188.90
 ONLY IF PAID ON OR BEFORE
Jul 27, 2011

OKM

- 2188.90
4332.10

ALLIED CEMENTING CO., LLC. 043438

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Oakley

DATE <u>2-2-11</u>	SEC. <u>20</u>	TWP. <u>10</u>	RANGE <u>34</u>	CALLED OUT	ON LOCATION	JOB START <u>2:00pm</u>	JOB FINISH <u>2:30pm</u>
LEASE <u>STEEL A</u>	WELL # <u>2-20</u>	LOCATION <u>monument 2 W 5 N</u>			COUNTY <u>Thomas</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>			<u>4w 1/2 S W into</u>				

CONTRACTOR <u>Murfin Drilling Rig 2</u>	OWNER <u>Same</u>
TYPE OF JOB <u>Surface</u>	
HOLE SIZE <u>12 1/4</u>	T.D. <u>268'</u>
CASING SIZE <u>8 5/8</u>	DEPTH <u>268'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>15'</u>	
PERFS.	
DISPLACEMENT <u>14.11 BBL</u>	

EQUIPMENT

PUMP TRUCK	CEMENTER <u>Andrew</u>
# <u>423-281</u>	HELPER <u>Jerry</u>
BULK TRUCK	
# <u>347</u>	DRIVER <u>Darrin</u>
BULK TRUCK	
#	DRIVER

REMARKS:

CEMENT	
AMOUNT ORDERED <u>200</u>	<u>SKS COM</u>
<u>3% CC</u>	
COMMON <u>200</u>	@ <u>16.25</u> <u>3250.00</u>
POZMIX	@
GEL	@
CHLORIDE <u>7</u>	@ <u>58.20</u> <u>407.40</u>
ASC	@
	@
	@
	@
	@
	@
	@
	@
	@
	@
HANDLING <u>207</u>	@ <u>2.25</u> <u>465.25</u>
MILEAGE <u>118</u>	@ <u>SK/mile</u> <u>409.86</u>
TOTAL <u>4533.01</u>	

SERVICE

DEPTH OF JOB <u>268'</u>	
PUMP TRUCK CHARGE	<u>1125.00</u>
EXTRA FOOTAGE	@
MILEAGE <u>18 miles x 2</u>	@ <u>7.00</u> <u>252.00</u>
MANIFOLD <u>head</u>	@ <u>200.00</u>
<u>Light vehicle</u>	@ <u>4.00</u> <u>144.00</u>
	@
TOTAL <u>1221.00</u>	

CHARGE TO: Murfin

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

	@
	@
	@
	@
	@
TOTAL _____	

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any) _____

⚡ TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME _____

SIGNATURE [Signature]



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



Acety —

cc WF
cc pl
Scan hi

Invoice

DATE	INVOICE #
7/22/2011	20232

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	#2-20	Steele A	Thomas		Oil	Development	Cement Port Collar	Dave
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				100	Miles	6.00	600.00
576D-D	Pump Charge - Port Collar				1	Job	1,250.00	1,250.00
279	Bentonite Gel				3	Sack(s)	25.00	75.00T
290	D-Air				2	Gallon(s)	35.00	70.00T
330	Swift Multi-Density Standard (MIDCON II)				260	Sacks	16.50	4,290.00T
276	Flocele				200	Lb(s)	2.00	400.00T
581D	Service Charge Cement				400	Sacks	2.00	800.00
583D	Drayage				2,002	Ton Miles	1.00	2,002.00
	Subtotal							9,487.00
	Sales Tax Thomas County						7.30%	352.96
USED FOR <u>IC 103</u> APPROVED <u>JT</u>								
We Appreciate Your Business!							Total	\$9,839.96



CHARGE TO: MARTIN DELL
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET 20232
 PAGE 1 OF 1

SERVICE LOCATIONS
 1. HAYS WELL/PROJECT NO. 2-20 LEASE STEEL A COUNTY/PARISH THOMAS STATE KS CITY
 2. NESS TICKET TYPE CONTRACTOR RIG NAME/NO. 100 MONUMENTS SHIPPED VIA CR DELIVERED TO
 3. WELL TYPE DR WELL CATEGORY DEVELOP JOB PURPOSE CR: PLOT CUREA WELL PERMIT NO.
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
525					MILEAGE 4/12	100	MI			6.00	600.00
528 576					Heavy Service	1	EA			1250.00	1250.00
279					Bed ROUTE/TEE	3	SR			25.00	75.00
290					D 4/12	2	HR			35.00	70.00
330					SOFT MULTI - DELIVERY	200	BT			16.50	4290.00
276					FOCAL	200	LR			2.00	400.00
581					SEAL/CEMENT	400	SR			2.00	800.00
583					WORK	2000	TM			1.00	2000.00

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

DATE SIGNED [Signature] TIME SIGNED 1200 A.M. P.M.
 REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.
 SWIFT OPERATOR David H. H. H. APPROVAL
 TOTAL 9839.96
 Thomas TAX 352.96
 7.33%
 Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 07-22-11 PAGE NO. 1

CUSTOMER MURFIN DRUG WELL NO. 2-20 LEASE STEELE A JOB TYPE CMT: PORT COLLAR TICKET NO. 22012

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1200							ON LOCATION CMT: 400 SWS SMD 1/2" FLO 10 SWS GEL 2 3/8" x 5 1/2" PORT COLLAR @ 2805
	1225					1000		PRESSURE TEST
		3.5	4.0	✓		750		OPEN PC, INT. PATE
	1235	3.0	0	✓		700		START GEL
			8.0	✓				CIRC MUD
			9.0	-				END GEL <u>3 SWS</u>
		3.5	5.0	-				H2O SPACEL
		3.5	0	-		750		START CMT @ 11.0" - 240 SWS
		3.7	135.0	-		800		CIRC CMT MIX 20 SWS @ 14"
	1300	3.7	140.0	-		800		END <u>TOTAL 260 SWS</u>
		3.7	9.0	-		800		DISP <u>20 SWS TO PIT!</u>
	1330					1000	1000	CLOSE P.C. PRESSURE TEST RUNNING JOINTS
	1345	3.0	0	-		250		REV. OUT
			10.0	-				1ST FLAG
			15.0	-				2ND FLAG
	1350		30	-				ALL CLEAR
	1430							JOB COMPLETE
								THANK YOU! DAVE, JOSEPH, JOE



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

Acoby ✓

COWP
cc:LR 1
Scan List

Invoice

DATE	INVOICE #
7/16/2011	19825

BILL TO
Murfin Drilling Co Inc - Russell P. O. Box 288 Russell, KS 67665-0288

USED FOR IC103

APPROVED JL

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#2-20	Steele A	Thomas	Company Tools #2	Oil	Development	LongString	Nick
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				90	Miles	5.00	450.00
578D-L	Pump Charge - Long String				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				20	Each	40.00	800.00T
419-5	5 1/2" Rotating Head Rental				1	Each	150.00	150.00T
325	Standard Cement				225	Sacks	12.00	2,700.00T
276	Flocele				50	Lb(s)	1.50	75.00T
283	Salt				1,150	Lb(s)	0.15	172.50T
284	Calseal				11	Sack(s)	30.00	330.00T
285	CFR-1				150	Lb(s)	4.00	600.00T
581D	Service Charge Cement				225	Sacks	1.50	337.50
583D	Drayage				1,772.25	Ton Miles	1.00	1,772.25
	Subtotal							14,492.25
	Sales Tax Thomas County						7.30%	768.87
We Appreciate Your Business!							Total	\$15,261.12



CHARGE TO: Marfin Dly Co, Inc
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET 19825
 PAGE 1 OF 2

SERVICE LOCATIONS
 1. Hays, KS
 2. Ness City, KS
 3.
 4. REFERRAL LOCATION

WELL/PROJECT NO. A# 2-20 LEASE Steele COUNTY/PARISH Thomas STATE KS CITY
 TICKET TYPE SERVICE SALES CONTRACTOR Co Tools #2 RIG NAME NO. SHIPPED VIA DELIVERED TO Location DATE 7-16-11 OWNER Same
 WELL TYPE oil WELL CATEGORY Development JOB PURPOSE Longstring WELL PERMIT NO. WELL LOCATION

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	MILEAGE	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT	
		LOC	ACCT	DF									
575					MILEAGE #111	90	M				5.00	450.00	
578					Pump Charge Longstring	1	ea		4900	00	1400.00	1400.00	
221					ACL	4	gal				25.00	100.00	
280					Atchafalaya Flocheck-21	500	gal				2	5.00	1250.00
290					D-Air	2	gal				35.00	70.00	
409					Centralizers (Turbo-lizers)	15	ea		5 1/2"		80.00	1200.00	
403					Baskets	2	ea				230.00	460.00	
404					Part Collar	1	ea				2100.00	2100.00	
406					L.O. Plug & Baffle	1	ea				225.00	225.00	
407					Insert Foot Shoe w/ Bill	1	ea				300.00	300.00	
413					Rotawall Scratchers	20	ea				40.00	800.00	
419					Rotating Head	1	ea				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

DATE SIGNED 7-16-11 TIME SIGNED 0610 A.M. P.M.

SIGNED BY Kevin Welton

SWIFT OPERATOR Mike Parke APPROVAL

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

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

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	AGREE	UN-DECIDED	DIS-AGREE
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	

PAGE TOTAL 1
 PAGE 2
 Sub total 14,492.25
 Thom AS TAX 703.90
 TOTAL 15,201.12

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 7-15-11 PAGE NO. 7

CUSTOMER Martin Drilling Co Inc

WELL NO. A#2-20

LEASE Steele

JOB TYPE Longstring

TICKET NO. 19825

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2115							on loc w/FE
								RTD 4900'
								5 1/2" x 15.5" x 4893' x 22'
								Cent 1-14, 49
								Baskets 49, 50
								PC 50 @ 28' @ 4'
	0015							start FE
	0150							Circ 1/2 way in 15 min
	0400							Circ on bottom 1 hr
	0605		7/5					Plug RH+MH 30/20 sks EA-2
	0520	4.5	0			200		start KCL flush 15 bbl
	0523	4.5	15/0			200		start Flocheck 21 500 gal
	0526	4.5	12/0			200		start KCH 5 bbl
	0527	5.5	5/0			250		start Cement 175 sks EA-2
	0534		42					End Cement
								wash P&L
								Drop LD Plug
	0537	6	0			100		start Displacement
	0551	5	78			200		catch Cement
	0558		116			800 / 1400		Land Plug
								Release Pressure
								Float Held

Thank you

Nick, Josh F, & David