



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1077118
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

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
- Plug Back Conv. to GSW Conv. to Producer
- 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

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical 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

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

1077118

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

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

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

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
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

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

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 <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
--	---	---

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

March 23, 2012

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

Re: ACO1
API 15-153-20894-00-00
Drake 1-22
SE/4 Sec.22-05S-33W
Rawlins 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

Drake #1-22 2500' FSL 1000'FEL Sec. 22-5S-33W 3014' KB							Curtin #1 Nielson Enterprises Sec. 10-5S-33W 3092' KB	
Formation	Sample top	Datum	Ref	Log tops	Datum	Ref	Log tops	Datum
Anhydrite	2665	+349	+5	2664	+350	+6	2748	+344
B/Anhydrite	2701	+313	+4	2698	+316	+7	2783	+309
Topeka	3715	-701	+1	3710	-696	+6	3794	-702
Heebner	3880	-866	+2	3880	-866	+2	3960	-868
Lansing	3928	-914	+2	3928	-914	+2	4008	-916
Stark	4116	-1102	+2	4115	-1101	+3	4196	-1104
BKC	4166	-1152	+1	4166	-1152	+1	4245	-1153
Pawnee	4292	-1278	flat	4290	-1276	+2	4370	-1278
Cherokee	4367	-1353	-1	4366	-1352	Flat	4444	-1352
Mississippi	4514	-1500	-6	4514	-1500	-6	4586	-1494
RTD	4615	-1601					4632	
LTD				4616	-1602			

Robert L. Milford

PETROLEUM GEOLOGIST
Wichita, Kansas

GEOLOGISTS' REPORT

DRILLING TIME AND SAMPLE LOG

OPERATOR Murfin Drilling Company, Inc. LEASE Drake #1-22 LOC. SPOT 190' N. & 10' W. of NW NE SE LOC. FOOTAGE 2,500' FSL 1,000' FEL SEC. 22 TWPSP 5S RANG 33W COUNTY Rawlins STATE Kansas API 15-153-20894-00-00 CONTRACTOR Murfin Drilling Co., Inc. RFD NO. 8 DRILLING STARTED 2-2-2012 COMPLETED 2-13-2012 MUD DISPLACED 3,273 MUD TYPE Chemical DRILLING TIME KEPT FROM 3:10' TO RTD SAMPLES SAVED FROM 3:10' TO RTD SAMPLES EXAMINED FROM 3:10' TO RTD GEOLOGICAL SUPERVISION FROM 3:520' TO RTD	MESSAGES/FROM/TO CASING RECORD Contender Surface 8.5"/w @ 218 w/ 200 sacks cement Production none ELECTRICAL SURETIES: Log Tech, Inc. Dadi Induction Log Dadi Computerized - Porosity Log Microresistivity Log Borehole Compensated- Sonic Log
---	--

FORMATION NAME	LOGS	DATE/TIME	SAMPLE DATUM
Stone Corral	2,664'	+350	2,665' +349
Base Stone Corral	2,698'	+316	2,700' +314
Topeka	3,710'	-696	3,711' -697
Heebner	3,880'	-866	3,880' -866
Lansing	3,928'	-914	3,928' -914
B/KC	4,166'	-1152	4,166' -1152
Pawnee	4,290'	-1276	4,289' -1275
Cherokee	4,366'	-1352	4,365' -1351
Mississippi	4,514'	-1500	4,514' -1500
Total Depth	4,616'	-1602	4,615' -1601

DATE	7:00 AM DEPTH	REMARKS
2-2-12	0'	Spud @ 5:00 pm. Plug down @ 9:30 pm. Started drilling out plug @ 5:30 am on 2-3-12
2-3-12	320'	Cut 320' in last 24 hrs. Dev. 0.25' @ 1001'
2-4-12	1,785'	Cut 1,465' in last 24 hrs; 22.25 hrs drlg. Dev. 0.25' @ 2012'
2-5-12	2,800'	Cut 1,015' in last 24 hrs; 22.5 hrs drlg.
2-6-12	3,375'	Cut 575' in last 24 hrs; 20.75 hrs drlg.
2-7-12	3,850'	Cut 475' in last 24 hrs; 23 hrs drlg. DST #1 @ 3987'
2-8-12	3,987'	Cut 137' in last 24 hrs; 7 hrs drlg. DST #2 @ 4037'
2-9-12	4,037'	Cut 50' in last 24 hrs; 3 hrs drlg. DST #3 @ 4118'
2-10-12	4,147'	Cut 110' in last 24 hrs; 6.75 hrs drlg. DST #4 @ 4345'. Rig repair 4.75 hrs
2-11-12	4,345'	Cut 198' in last 24 hrs; 12.75 hrs drlg. Rig repair 5.75 hrs. Ran DST #4
2-12-12	4,345'	Cut 0' in last 24 hrs; 0 hrs drlg. DST #5 @ 4402'
2-13-12	4,560'	Cut 215' in last 24 hrs; 10.25 hrs drlg. RTD 4615' @ 11:21 am
2-14-12	4,615'	Cut 55' in last 24 hrs; 4.25 hrs drlg. P&A

Remarks

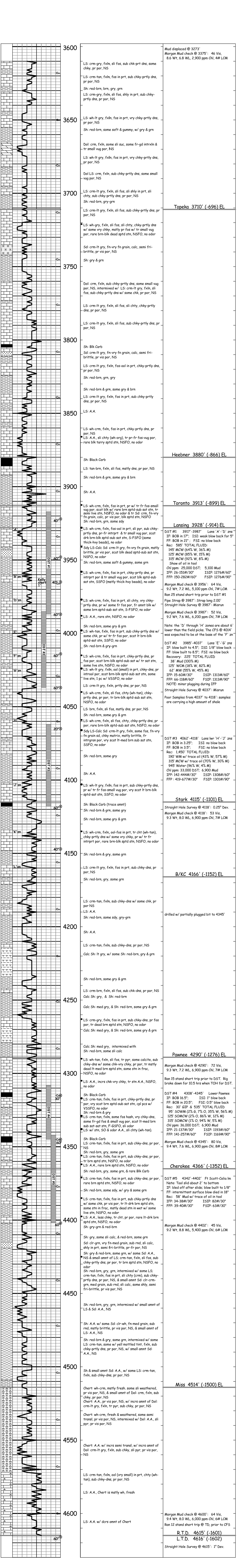
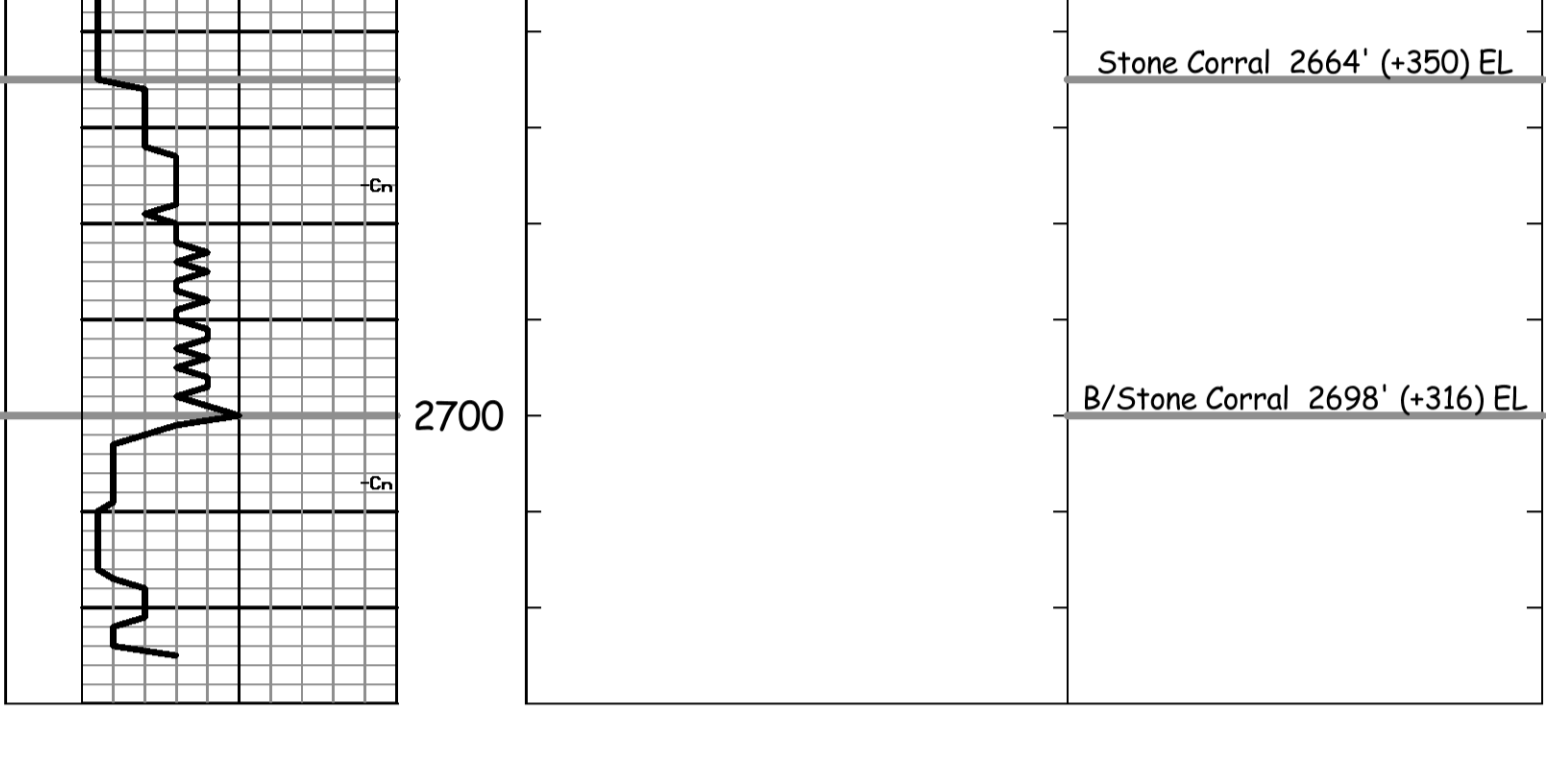
The electric log measurements correlate from 1' higher to 1' lower to the drilling measurements.

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 REPORT

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

250 N. Water Suite 300
Wichita, KS 67202

ATTN: Rocky Milford

Drake #1-22

22-5s-33w Rawlins KS

Start Date: 2012.02.07 @ 22:33:00

End Date: 2012.02.08 @ 10:02:30

Job Ticket #: 45565 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.02.16 @ 10:04:57



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Murfin Drilling Co., Inc.
250 N. Water Suite 300
Wichita, KS 67202
ATTN: Rocky Milford

22-5s-33w Rawlins KS

Drake #1-22

Job Ticket: 45565

DST#: 1

Test Start: 2012.02.07 @ 22:33:00

GENERAL INFORMATION:

Formation: **LKC "A - D"**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 03:39:00
 Tester: James Winder
 Time Test Ended: 10:02:30
 Unit No: 57
 Interval: **3917.00 ft (KB) To 3987.00 ft (KB) (TVD)**
 Reference Elevations: 3014.00 ft (KB)
 Total Depth: 3987.00 ft (KB) (TVD)
 3009.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair
 KB to GR/CF: 5.00 ft

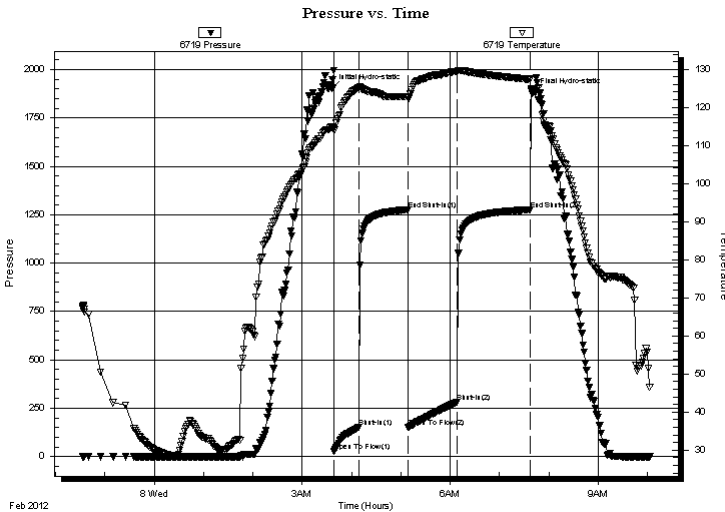
Serial #: 6719

Inside

Press @ Run Depth: 282.48 psig @ 3918.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.02.07 End Date: 2012.02.08 Last Calib.: 2012.02.08
 Start Time: 22:33:05 End Time: 10:02:30 Time On Btm: 2012.02.08 @ 03:36:30
 Time Off Btm: 2012.02.08 @ 07:41:00

TEST COMMENT: 30 - IF: Blow built to BOB (11") in 17 min. (Diesel in Bucket)
 60 - IS: Bled off, Weak surface blow back from 12 min. - 17 min. then dead
 60 - FF: Blow built to BOB in 21 min.
 90 - FS: Bled off, No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1903.61	114.83	Initial Hydro-static
3	26.11	114.02	Open To Flow (1)
33	150.78	125.20	Shut-In(1)
92	1276.13	122.73	End Shut-In(1)
93	150.42	122.45	Open To Flow (2)
152	282.48	129.41	Shut-In(2)
241	1275.53	127.35	End Shut-In(2)
245	1882.63	124.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
315.00	MCW 92%w, 8% m	2.72
125.00	MCW 85%w, 15% m	1.75
145.00	MCW 64%w, 36% m	2.03
0.00	Show of Oil in Tool	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co., Inc.

22-5s-33w Rawlins KS

250 N. Water Suite 300
Wichita, KS 67202

Drake #1-22

Job Ticket: 45565

DST#: 1

ATTN: Rocky Milford

Test Start: 2012.02.07 @ 22:33:00

Tool Information

Drill Pipe:	Length: 3725.00 ft	Diameter: 3.80 inches	Volume: 52.25 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 187.00 ft	Diameter: 2.25 inches	Volume: 0.92 bbl	Weight to Pull Loose: 64000.00 lb
			<u>Total Volume: 53.17 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	3917.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	70.00 ft			
Tool Length:	98.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: Rig slipped and cut bad drilling line (22:45 - 2:30) before starting in with test

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Shut In Tool	5.00			3894.00	
Hydraulic tool	5.00			3899.00	
Jars	5.00			3904.00	
Safety Joint	3.00			3907.00	
Packer	5.00			3912.00	28.00 Bottom Of Top Packer
Packer	5.00			3917.00	
Packer - Shale	0.00			3917.00	
Stubb	1.00			3918.00	
Recorder	0.00	6719	Inside	3918.00	
Recorder	0.00	8320	Outside	3918.00	
Perforations	30.00			3948.00	
Blank Spacing	33.00			3981.00	
Perforations	3.00			3984.00	
Bullnose	3.00			3987.00	70.00 Bottom Packers & Anchor

Total Tool Length: 98.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co., Inc.

22-5s-33w Rawlins KS

250 N. Water Suite 300
Wichita, KS 67202

Drake #1-22

Job Ticket: 45565

DST#: 1

ATTN: Rocky Milford

Test Start: 2012.02.07 @ 22:33:00

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:

25000 ppm

Viscosity: 64.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.15 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5100.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
315.00	MCW 92%w, 8%m	2.715
125.00	MCW 85%w, 15%m	1.753
145.00	MCW 64%w, 36%m	2.034
0.00	Show of Oil in Tool	0.000

Total Length: 585.00 ft

Total Volume: 6.502 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

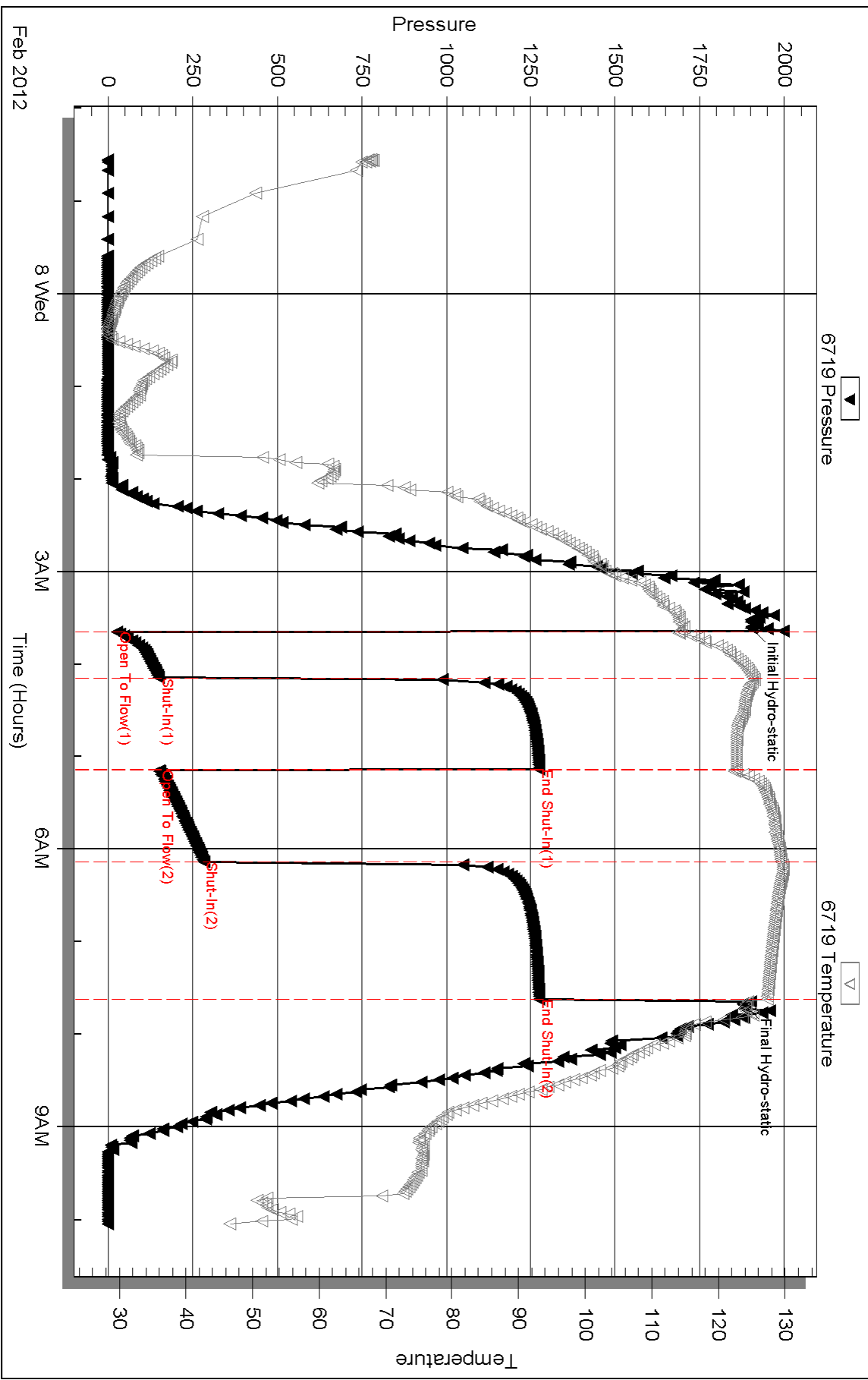
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW = .314 ohms @ 60 deg F

Pressure vs. Time

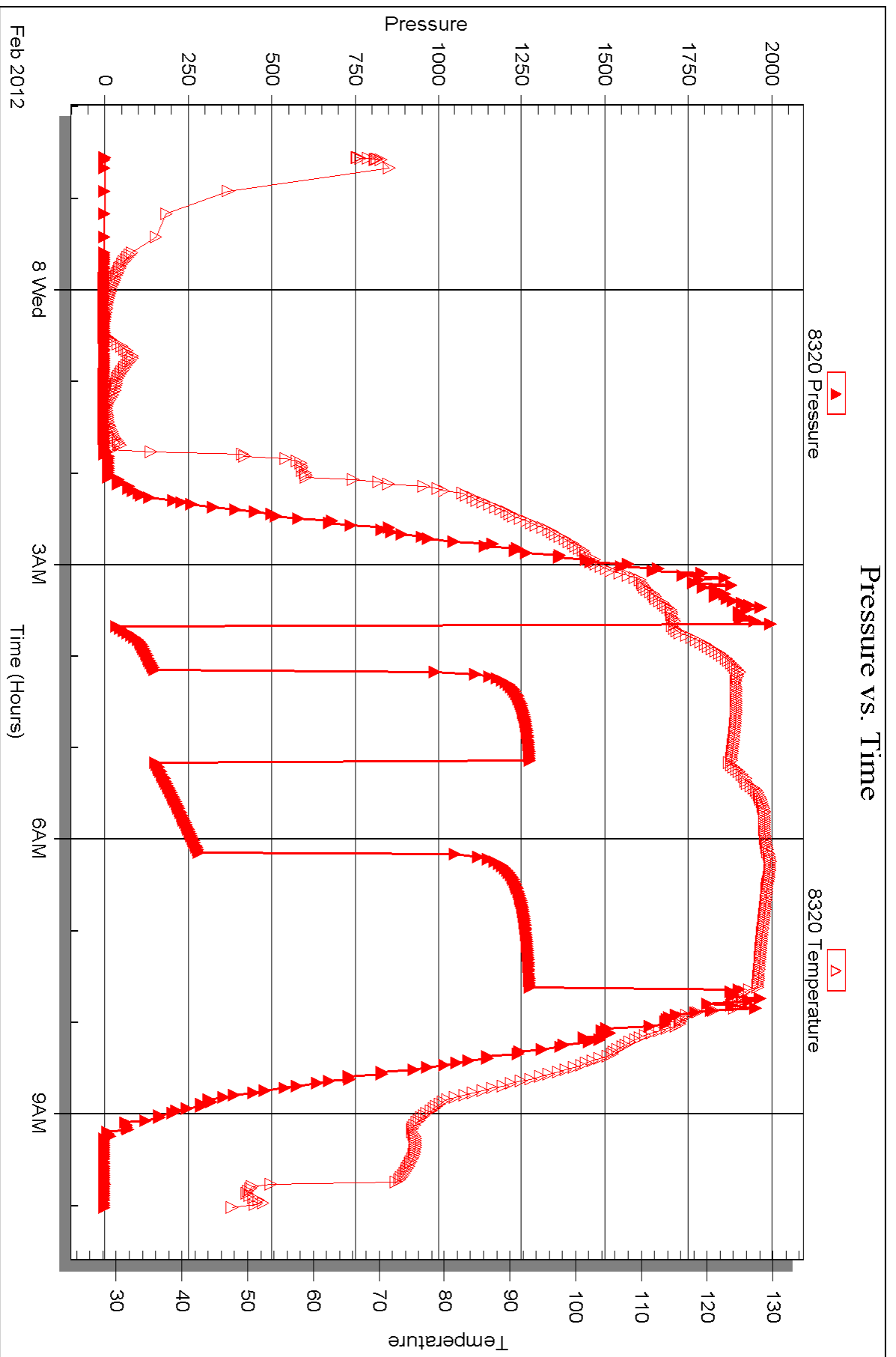


Serial #: 8320

Outside Murfin Drilling Co., Inc.

Drake #1-22

DST Test Number: 1





DRILL STEM TEST REPORT

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

250 N. Water Suite 300
Wichita, KS 67202

ATTN: Rocky Milford

Drake #1-22

22-5s-33w Rawlins KS

Start Date: 2012.02.08 @ 19:54:05

End Date: 2012.02.09 @ 04:07:59

Job Ticket #: 45566 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.02.16 @ 10:04:09



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Murfin Drilling Co., Inc.
 250 N. Water Suite 300
 Wichita, KS 67202
 ATTN: Rocky Milford

22-5s-33w Rawlins KS

Drake #1-22

Job Ticket: 45566

DST#: 2

Test Start: 2012.02.08 @ 19:54:05

GENERAL INFORMATION:

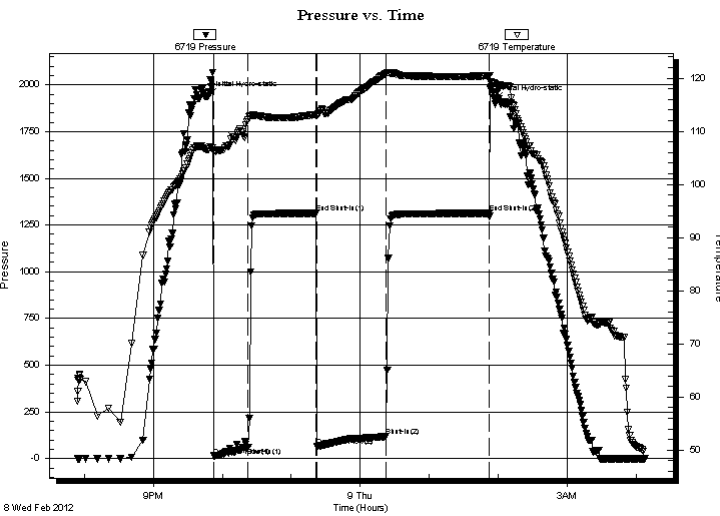
Formation: **LKC "E - G"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 21:52:30
 Time Test Ended: 04:07:59
 Interval: **3985.00 ft (KB) To 4037.00 ft (KB) (TVD)**
 Total Depth: 4037.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: James Winder
 Unit No: 57
 Reference Elevations: 3014.00 ft (KB)
 3009.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6719

Inside

Press @ Run Depth: 117.68 psig @ 3986.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.02.08 End Date: 2012.02.09 Last Calib.: 2012.02.09
 Start Time: 19:54:05 End Time: 04:07:59 Time On Btm: 2012.02.08 @ 21:48:00
 Time Off Btm: 2012.02.09 @ 01:56:59

TEST COMMENT: 30 - IF: 1/4" Blow at open, Surging blow built to 4 1/2" (Diesel in Bucket)
 60 - IS: Bled off, Blow back at 11 min., built to about 1/8"
 60 - FF: Blow built to 8 1/2"
 90 - FS: Bled off, No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1941.72	106.66	Initial Hydro-static
5	14.71	106.56	Open To Flow (1)
35	60.11	112.23	Shut-In(1)
94	1312.87	113.16	End Shut-In(1)
95	65.81	112.95	Open To Flow (2)
155	117.68	120.89	Shut-In(2)
244	1313.08	120.48	End Shut-In(2)
249	1921.93	119.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	MW 55%w, 45%m	0.30
125.00	WCM 82%w, 18%w	0.61
38.00	Mud 100%	0.53

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co., Inc.

22-5s-33w Rawlins KS

250 N. Water Suite 300
Wichita, KS 67202

Drake #1-22

Job Ticket: 45566

DST#: 2

ATTN: Rocky Milford

Test Start: 2012.02.08 @ 19:54:05

Tool Information

Drill Pipe:	Length: 3788.00 ft	Diameter: 3.80 inches	Volume: 53.14 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 187.00 ft	Diameter: 2.25 inches	Volume: 0.92 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 54.06 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3985.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	52.00 ft			
Tool Length:	72.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Shut In Tool	5.00			3970.00	
Hydraulic tool	5.00			3975.00	
Packer	5.00			3980.00	20.00 Bottom Of Top Packer
Packer	5.00			3985.00	
Stubb	1.00			3986.00	
Recorder	0.00	6719	Inside	3986.00	
Recorder	0.00	8320	Outside	3986.00	
Perforations	15.00			4001.00	
Blank Spacing	33.00			4034.00	
Bullnose	3.00			4037.00	52.00 Bottom Packers & Anchor
Total Tool Length:	72.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co., Inc.

22-5s-33w Rawlins KS

250 N. Water Suite 300
Wichita, KS 67202

Drake #1-22

Job Ticket: 45566

DST#: 2

ATTN: Rocky Milford

Test Start: 2012.02.08 @ 19:54:05

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

26000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.55 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6200.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
62.00	MW 55%w, 45%m	0.305
125.00	WCM 82%m, 18%w	0.615
38.00	Mud 100%	0.533

Total Length: 225.00 ft Total Volume: 1.453 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW = .367 ohms @ 53 deg F

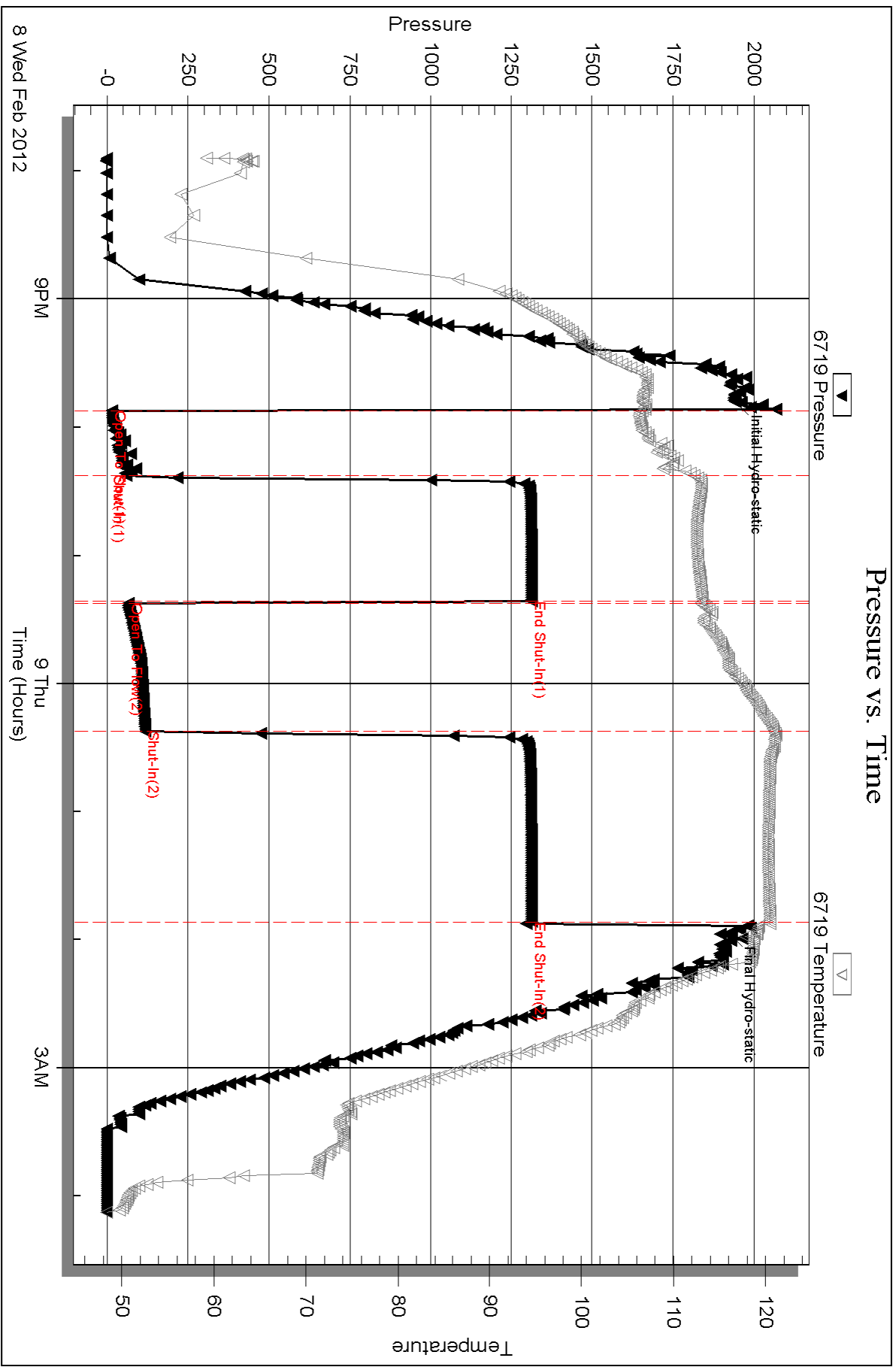
Serial #: 6719

Inside

Murfin Drilling Co., Inc.

Drake #1-22

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 45566

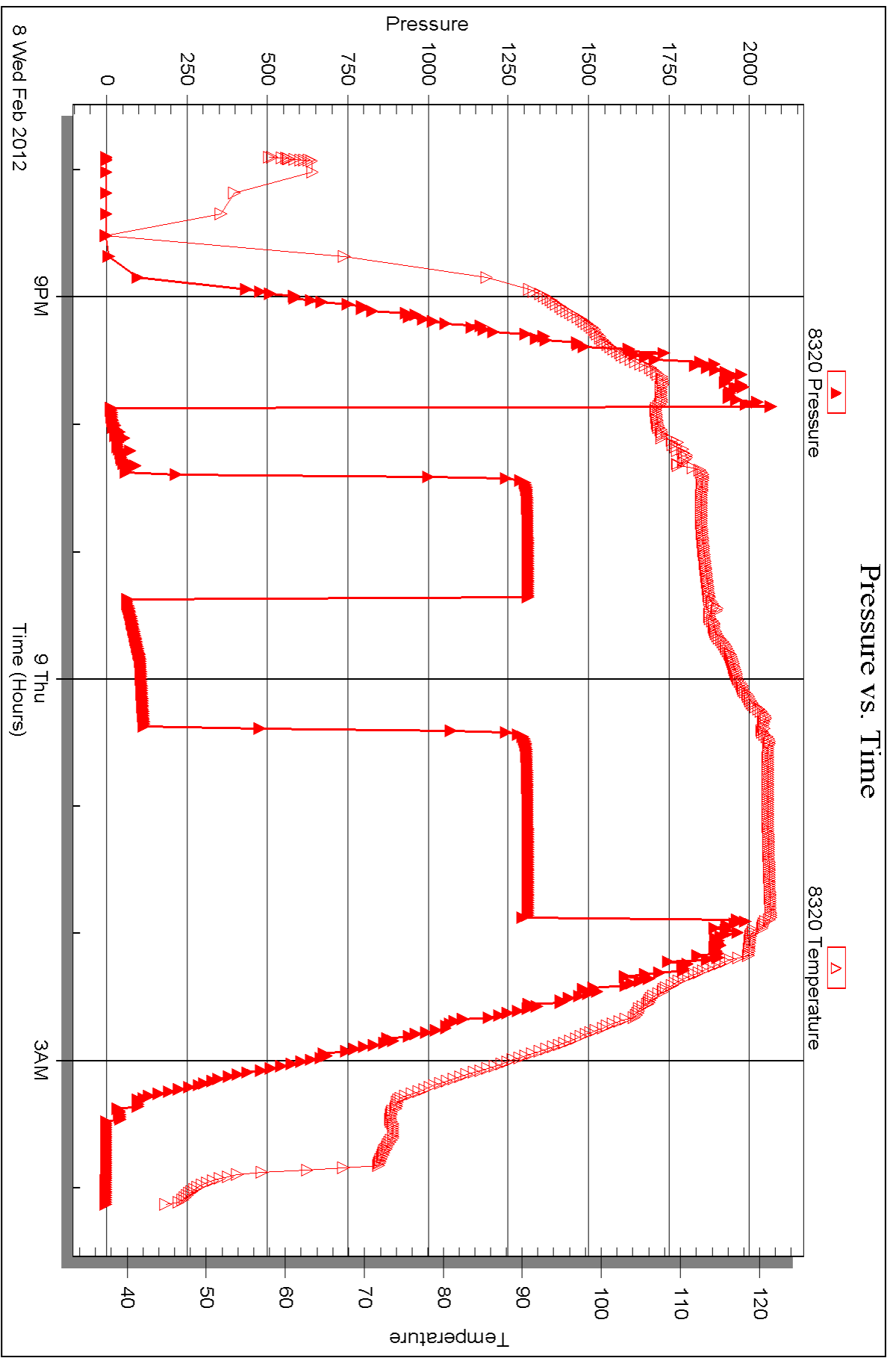
Printed: 2012.02.16 @ 10:04:11

Serial #: 8320

Outside Murfin Drilling Co., Inc.

Drake #1-22

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 45566

Printed: 2012.02.16 @ 10:04:11



DRILL STEM TEST REPORT

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

250 N. Water Suite 300
Wichita, KS 67202

ATTN: Rocky Milford

Drake #1-22

22-5s-33w Rawlins KS

Start Date: 2012.02.09 @ 16:31:00

End Date: 2012.02.10 @ 00:58:30

Job Ticket #: 45567 DST #: 3

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.02.16 @ 10:03:27



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Murfin Drilling Co., Inc.
250 N. Water Suite 300
Wichita, KS 67202
ATTN: Rocky Milford

22-5s-33w Rawlins KS

Drake #1-22

Job Ticket: 45567

DST#: 3

Test Start: 2012.02.09 @ 16:31:00

GENERAL INFORMATION:

Formation: **LKC "Lower H- J"**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 18:33:30
 Tester: James Winder
 Time Test Ended: 00:58:30
 Unit No: 57
 Interval: **4062.00 ft (KB) To 4118.00 ft (KB) (TVD)**
 Reference Elevations: 3014.00 ft (KB)
 Total Depth: 4118.00 ft (KB) (TVD)
 3009.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair
 KB to GR/CF: 5.00 ft

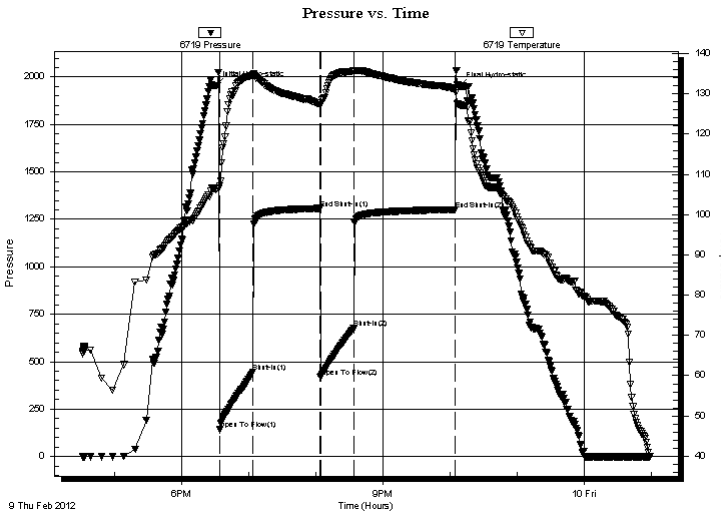
Serial #: 6719

Inside

Press @ Run Depth: 677.19 psig @ 4063.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.02.09 End Date: 2012.02.10 Last Calib.: 2012.02.10
 Start Time: 16:31:05 End Time: 00:58:29 Time On Btm: 2012.02.09 @ 18:30:30
 Time Off Btm: 2012.02.09 @ 22:08:00

TEST COMMENT: 30 - IF: Blow built to BOB (11") in 3 1/4 min. (Diesel in Bucket)
 60 - IS: Bled off, No blow back
 30 - FF: Blow built to BOB in 3 1/2 min.
 90 - FS: Bled off, No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1954.36	106.31	Initial Hydro-static
3	141.97	107.23	Open To Flow (1)
33	444.04	134.65	Shut-In(1)
93	1307.64	127.66	End Shut-In(1)
94	418.75	127.38	Open To Flow (2)
124	677.19	135.65	Shut-In(2)
214	1301.45	131.28	End Shut-In(2)
218	1951.73	127.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
945.00	Water 96%w, 4% m	11.55
315.00	M CW w/trace oil 70%w, 30% m	4.42
190.00	WM w/trace oil 57% m, 43% w	2.67

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co., Inc.

22-5s-33w Rawlins KS

250 N. Water Suite 300
Wichita, KS 67202

Drake #1-22

Job Ticket: 45567

DST#: 3

ATTN: Rocky Milford

Test Start: 2012.02.09 @ 16:31:00

Tool Information

Drill Pipe:	Length: 3880.00 ft	Diameter: 3.80 inches	Volume: 54.43 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 187.00 ft	Diameter: 2.25 inches	Volume: 0.92 bbl	Weight to Pull Loose: 74000.00 lb
			<u>Total Volume: 55.35 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4062.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	56.00 ft			
Tool Length:	76.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Shut In Tool	5.00			4047.00	
Hydraulic tool	5.00			4052.00	
Packer	5.00			4057.00	20.00 Bottom Of Top Packer
Packer	5.00			4062.00	
Stubb	1.00			4063.00	
Recorder	0.00	6719	Inside	4063.00	
Recorder	0.00	8320	Outside	4063.00	
Perforations	15.00			4078.00	
Blank Spacing	33.00			4111.00	
Perforations	4.00			4115.00	
Bullnose	3.00			4118.00	56.00 Bottom Packers & Anchor

Total Tool Length: 76.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co., Inc.

22-5s-33w Rawlins KS

250 N. Water Suite 300
Wichita, KS 67202

Drake #1-22

Job Ticket: 45567

DST#: 3

ATTN: Rocky Milford

Test Start: 2012.02.09 @ 16:31:00

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:

33000 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.95 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6900.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
945.00	Water 96%w, 4%m	11.552
315.00	MCW w/trace oil 70%w, 30%m	4.419
190.00	WMw/trace oil 57%m, 43%w	2.665

Total Length: 1450.00 ft Total Volume: 18.636 bbl

Num Fluid Samples: 0

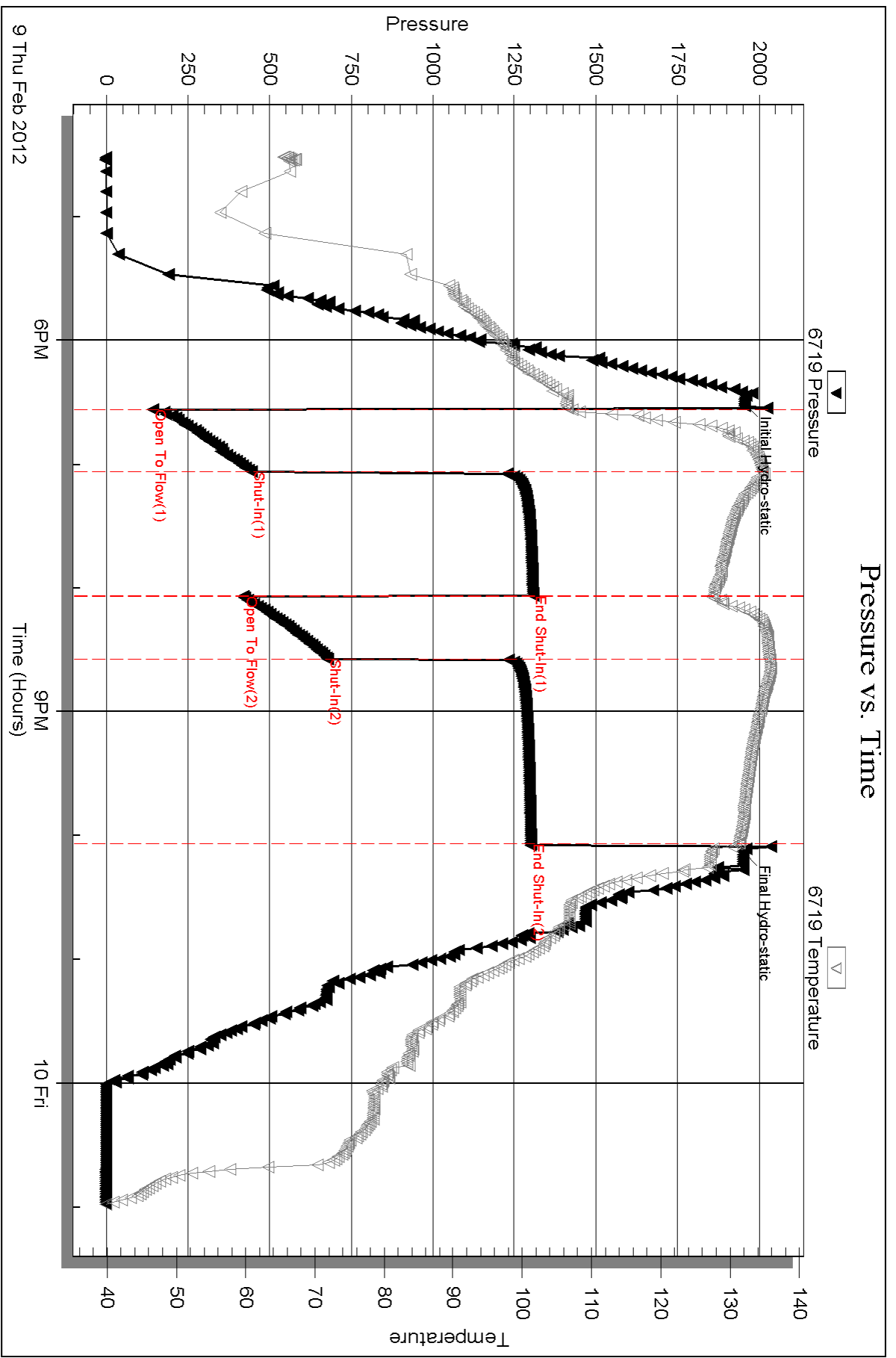
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW = .292 ohms @ 52.6 deg F

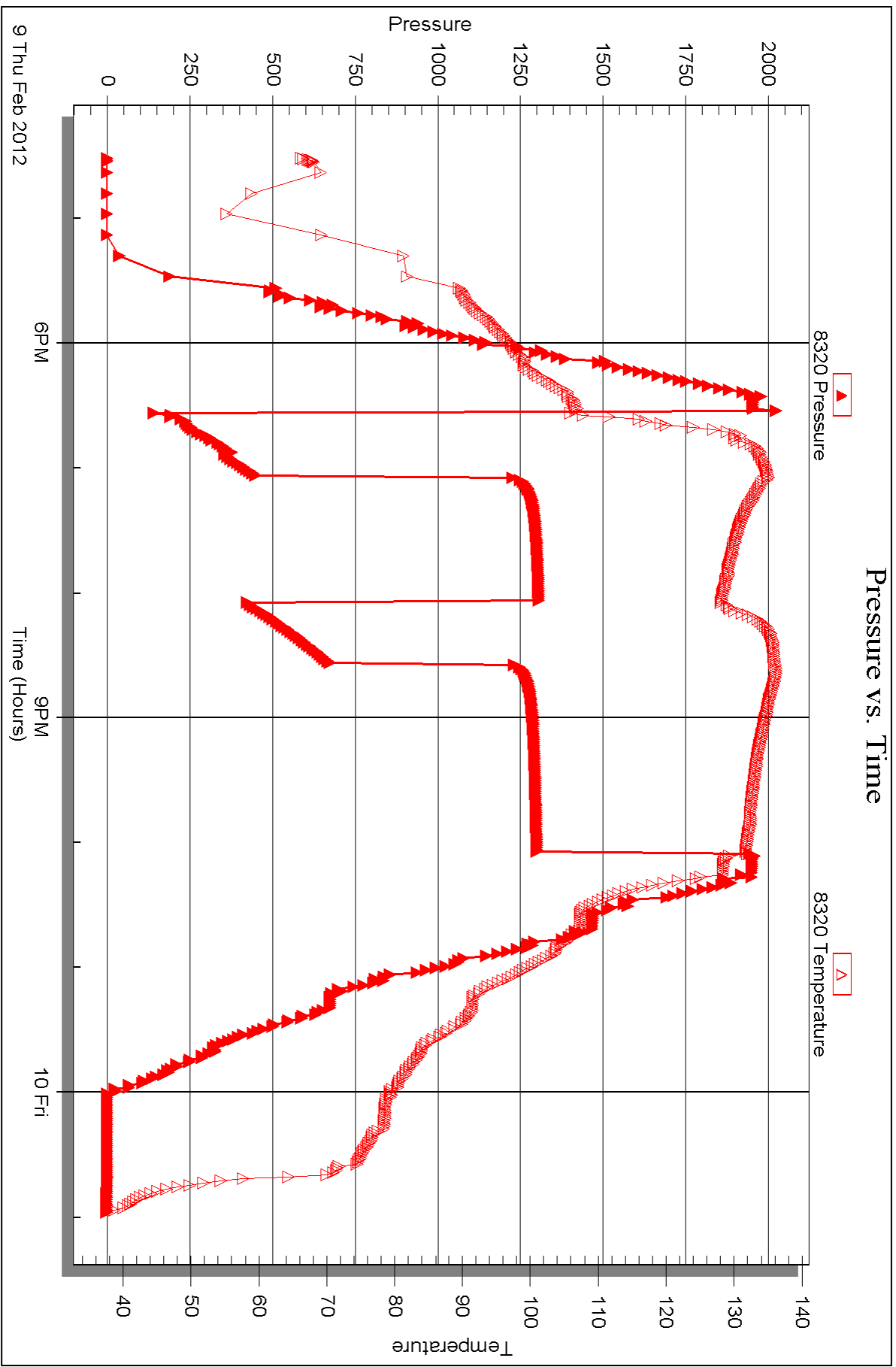


Serial #: 8320

Outside Murfin Drilling Co., Inc.

Drake #1-22

DST Test Number: 3





DRILL STEM TEST REPORT

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

250 N. Water Suite 300
Wichita, KS 67202

ATTN: Rocky Milford

Drake #1-22

22-5s-33w Rawlins KS

Start Date: 2012.02.11 @ 16:27:00

End Date: 2012.02.12 @ 01:29:30

Job Ticket #: 45568 DST #: 4

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.02.16 @ 10:02:55



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Murfin Drilling Co., Inc.
 250 N. Water Suite 300
 Wichita, KS 67202
 ATTN: Rocky Milford

22-5s-33w Rawlins KS

Drake #1-22

Job Ticket: 45568

DST#: 4

Test Start: 2012.02.11 @ 16:27:00

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:23:30

Time Test Ended: 01:29:30

Test Type: Conventional Bottom Hole (Reset)

Tester: James Winder

Unit No: 57

Interval: 4308.00 ft (KB) To 4345.00 ft (KB) (TVD)

Reference Elevations: 3014.00 ft (KB)

Total Depth: 4345.00 ft (KB) (TVD)

3009.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6719

Inside

Press @ Run Depth: 256.67 psig @ 4309.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.02.11

End Date:

2012.02.12

Last Calib.:

2012.02.12

Start Time: 16:27:05

End Time:

01:29:30

Time On Btm:

2012.02.11 @ 18:20:30

Time Off Btm:

2012.02.11 @ 22:35:30

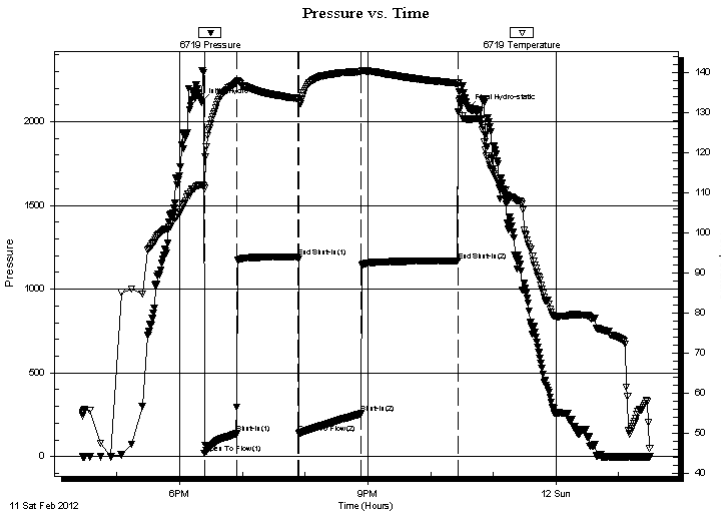
TEST COMMENT: 30 - IF: Blow built to BOB (11") in 16 1/2 min. (Diesel in Bucket)

60 - IS: Bled off, Blow back built to 1"

60 - FF: Blow built to BOB in 20 1/2 min.

90 - FS: Bled off, Blow back built to 1/2"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2116.57	112.00	Initial Hydro-static
3	21.32	111.19	Open To Flow (1)
34	137.08	137.52	Shut-In (1)
93	1193.00	133.55	End Shut-In (1)
94	140.65	132.68	Open To Flow (2)
153	256.67	140.30	Shut-In (2)
246	1169.08	137.40	End Shut-In (2)
255	2079.19	128.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
315.00	SOMCW 94%w, 5%o, 1%g	2.72
125.00	SO/MCW 86%w, 12%o, 2%g	1.75
95.00	SO/WCM 56%o, 35%w, 7%g, 2%g	1.33
0.00	GIP = 30'+	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co., Inc.

22-5s-33w Rawlins KS

250 N. Water Suite 300
Wichita, KS 67202

Drake #1-22

Job Ticket: 45568

DST#: 4

ATTN: Rocky Milford

Test Start: 2012.02.11 @ 16:27:00

Tool Information

Drill Pipe:	Length: 4103.00 ft	Diameter: 3.80 inches	Volume: 57.55 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 187.00 ft	Diameter: 2.25 inches	Volume: 0.92 bbl	Weight to Pull Loose: 64000.00 lb
			<u>Total Volume: 58.47 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4308.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	37.00 ft			
Tool Length:	65.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Shut In Tool	5.00			4285.00	
Hydraulic tool	5.00			4290.00	
Jars	5.00			4295.00	
Safety Joint	3.00			4298.00	
Packer	5.00			4303.00	28.00 Bottom Of Top Packer
Packer	5.00			4308.00	
Stubb	1.00			4309.00	
Recorder	0.00	6719	Inside	4309.00	
Recorder	0.00	8320	Outside	4309.00	
Perforations	33.00			4342.00	
Bullnose	3.00			4345.00	37.00 Bottom Packers & Anchor

Total Tool Length: 65.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co., Inc.

22-5s-33w Rawlins KS

250 N. Water Suite 300
Wichita, KS 67202

Drake #1-22

Job Ticket: 45568

DST#: 4

ATTN: Rocky Milford

Test Start: 2012.02.11 @ 16:27:00

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:

36000 ppm

Viscosity: 80.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6900.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
315.00	SOMCW 94%w, 5%m, 1%o	2.715
125.00	SO/MCW 86%w, 12%m, 2%o	1.753
95.00	SO/WCM 56%m, 35%w, 7%o, 2%g	1.333
0.00	GIP = 30'+	0.000

Total Length: 535.00 ft

Total Volume: 5.801 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

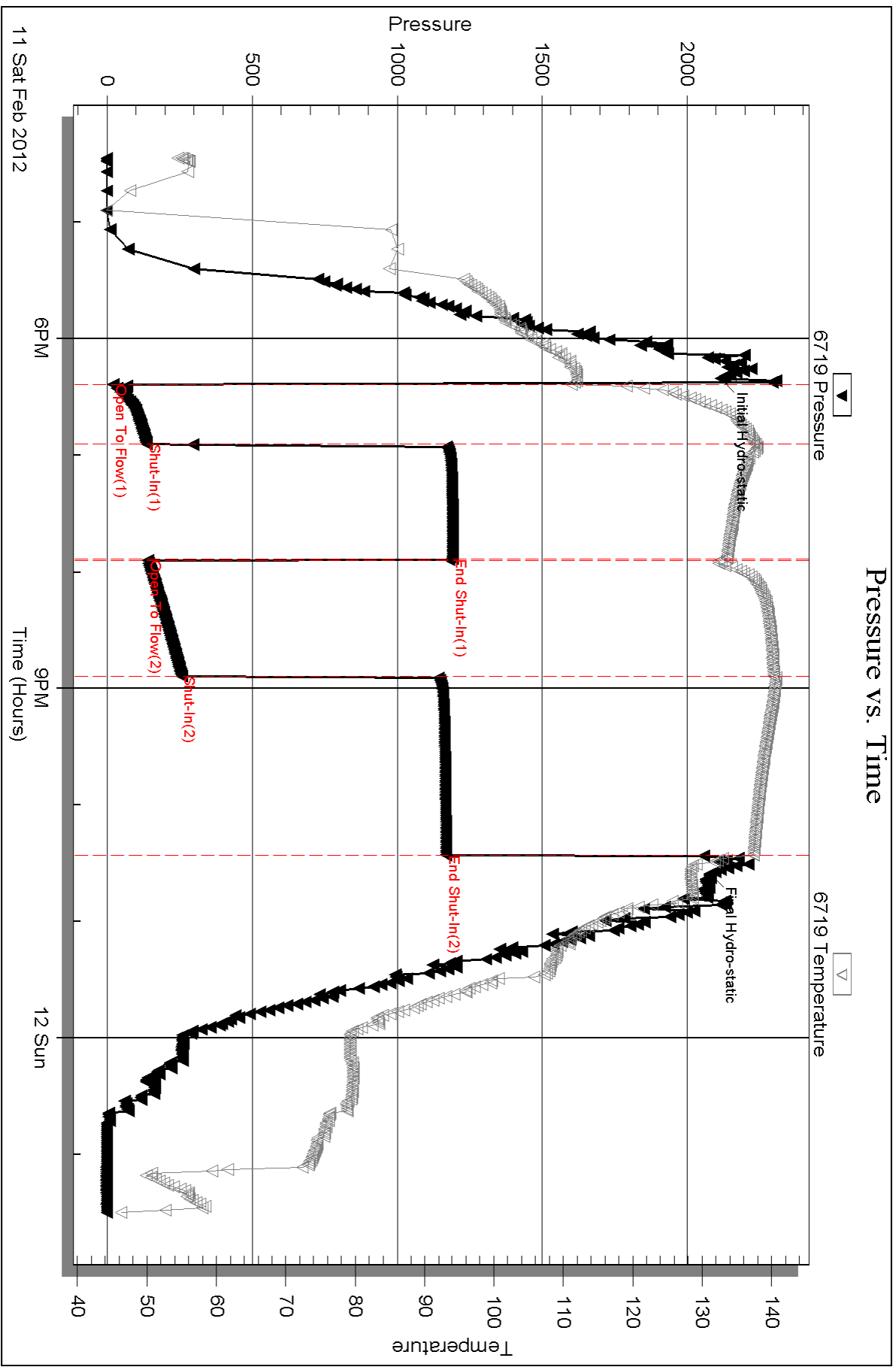
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW = .267 ohms @ 53.1 deg F

Chlorides = 36,000 ppm

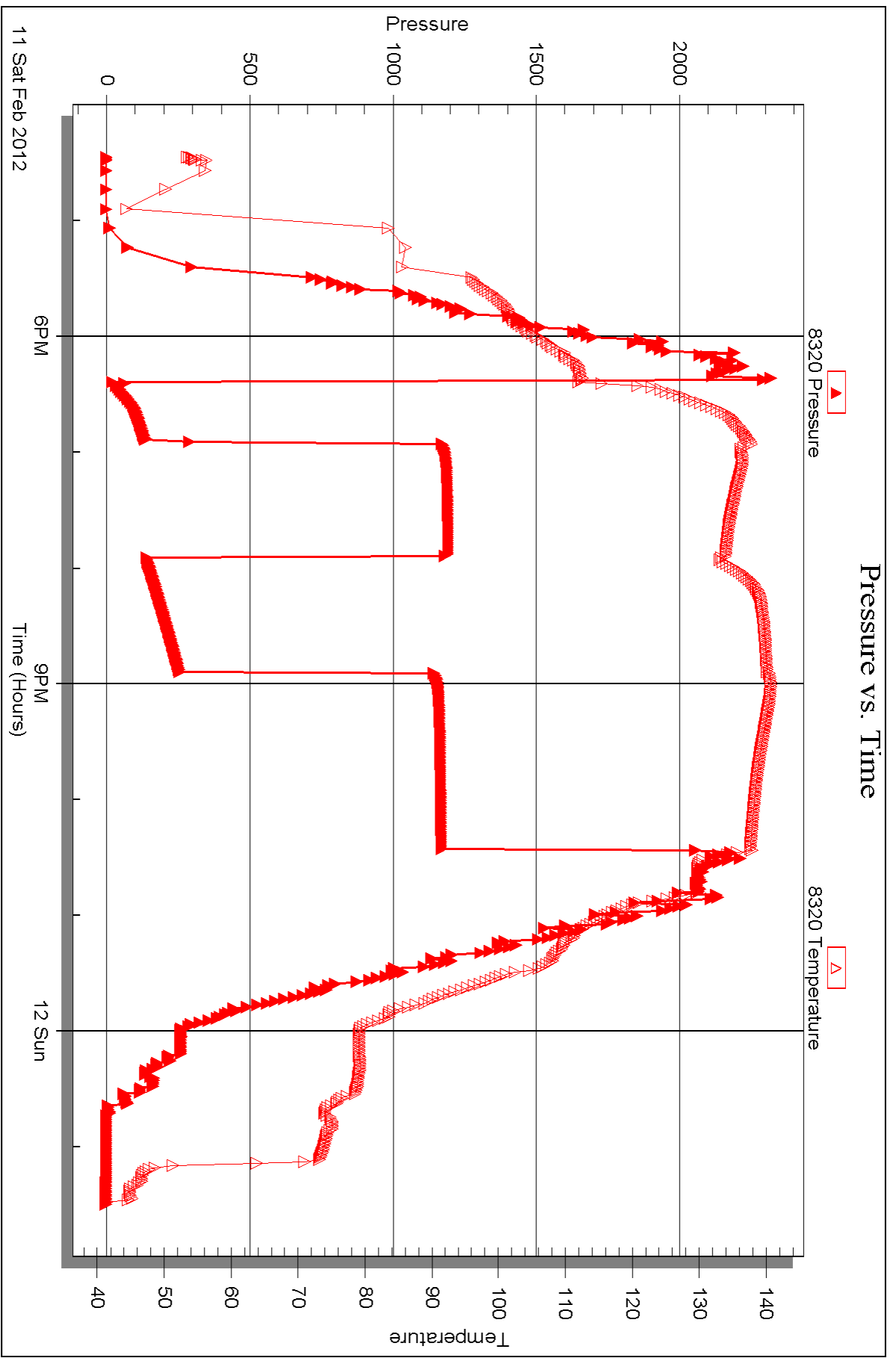


Serial #: 8320

Outside Murfin Drilling Co., Inc.

Drake #1-22

DST Test Number: 4



Triobite Testing, Inc

Ref. No: 45568

Printed: 2012.02.16 @ 10:02:57



DRILL STEM TEST REPORT

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

250 N. Water Suite 300
Wichita, KS 67202

ATTN: Rocky Milford

Drake #1-22

22-5s-33w Rawlins KS

Start Date: 2012.02.12 @ 13:36:00

End Date: 2012.02.12 @ 20:04:30

Job Ticket #: 45569 DST #: 5

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.02.16 @ 10:01:40



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Murfin Drilling Co., Inc.
 250 N. Water Suite 300
 Wichita, KS 67202
 ATTN: Rocky Milford

22-5s-33w Rawlins KS

Drake #1-22

Job Ticket: 45569

DST#: 5

Test Start: 2012.02.12 @ 13:36:00

GENERAL INFORMATION:

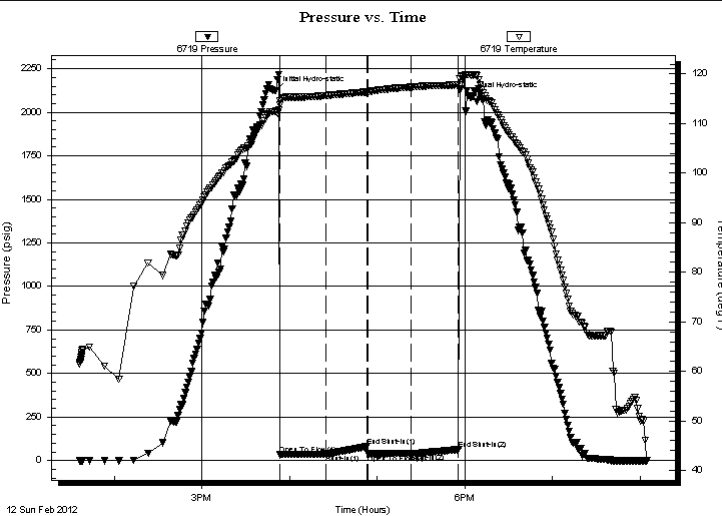
Formation: **Ft. Scott - Celia**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 15:53:00
 Time Test Ended: 20:04:30
 Interval: **4342.00 ft (KB) To 4402.00 ft (KB) (TVD)**
 Total Depth: 4402.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: James Winder
 Unit No: 57
 Reference Elevations: 3014.00 ft (KB)
 3009.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6719

Inside

Press @ Run Depth: 40.25 psig @ 4343.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.02.12 End Date: 2012.02.12 Last Calib.: 2012.02.12
 Start Time: 13:36:05 End Time: 20:04:29 Time On Btm: 2012.02.12 @ 15:50:30
 Time Off Btm: 2012.02.12 @ 18:03:30

TEST COMMENT: 30 - IF: 1 1/2" surge blow, Bled off, Blow built to 1/8" in 15 min., on/off blow at 1/8" till close
 30 - IS: Bled off, No blow back (Diesel in Bucket)
 30 - FF: on/off surface blow, dead after 18 min.
 30 - FS: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2123.46	112.49	Initial Hydro-static
3	34.00	113.73	Open To Flow (1)
34	37.59	115.66	Shut-In(1)
63	81.76	116.39	End Shut-In(1)
63	38.89	116.40	Open To Flow (2)
93	40.25	117.37	Shut-In(2)
125	63.42	117.85	End Shut-In(2)
133	2087.52	119.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
58.00	Mud 100%	0.29
0.00	Trace of oil in Tool	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co., Inc.

22-5s-33w Rawlins KS

250 N. Water Suite 300
Wichita, KS 67202

Drake #1-22

Job Ticket: 45569

DST#: 5

ATTN: Rocky Milford

Test Start: 2012.02.12 @ 13:36:00

Tool Information

Drill Pipe:	Length: 4134.00 ft	Diameter: 3.80 inches	Volume: 57.99 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 187.00 ft	Diameter: 2.25 inches	Volume: 0.92 bbl	Weight to Pull Loose: 100000.0 lb
			<u>Total Volume: 58.91 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4342.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	60.00 ft			
Tool Length:	88.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: Tool chased 2' to bottom at open - No mud loss at top

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4319.00	
Hydraulic tool	5.00			4324.00	
Jars	5.00			4329.00	
Safety Joint	3.00			4332.00	
Packer	5.00			4337.00	28.00 Bottom Of Top Packer
Packer	5.00			4342.00	
Stubb	1.00			4343.00	
Recorder	0.00	6719	Inside	4343.00	
Recorder	0.00	8320	Outside	4343.00	
Perforations	20.00			4363.00	
Blank Spacing	32.00			4395.00	
Perforations	4.00			4399.00	
Bullnose	3.00			4402.00	60.00 Bottom Packers & Anchor

Total Tool Length: 88.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co., Inc.

22-5s-33w Rawlins KS

250 N. Water Suite 300
Wichita, KS 67202

Drake #1-22

Job Ticket: 45569

DST#: 5

ATTN: Rocky Milford

Test Start: 2012.02.12 @ 13:36:00

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: 45.00 sec/qt

Cushion Volume:

dbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5400.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume dbl
58.00	Mud 100%	0.285
0.00	Trace of oil in Tool	0.000

Total Length: 58.00 ft Total Volume: 0.285 dbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

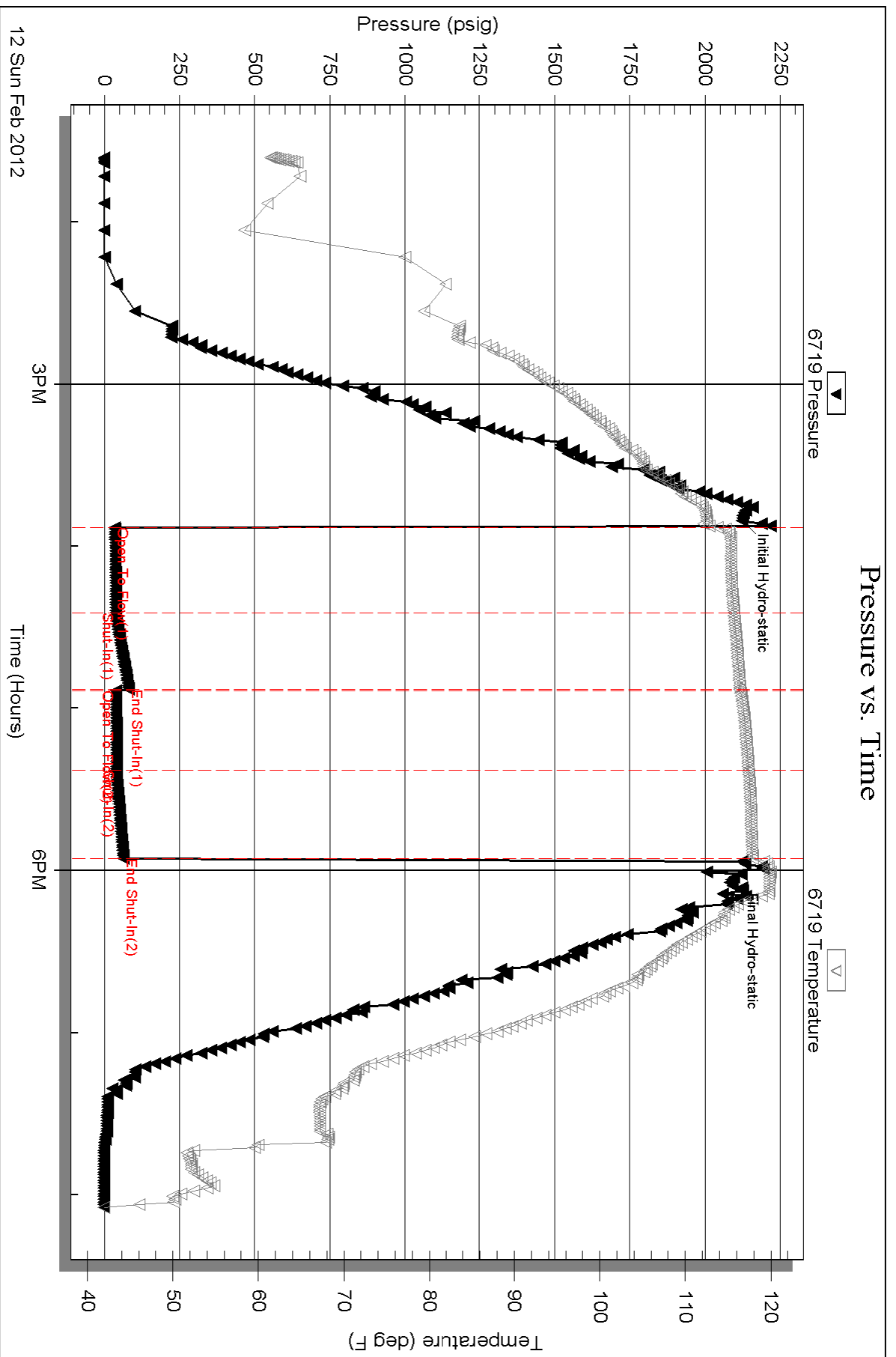
Serial #: 6719

Inside

Murfin Drilling Co., Inc.

Drake #1-22

DST Test Number: 5

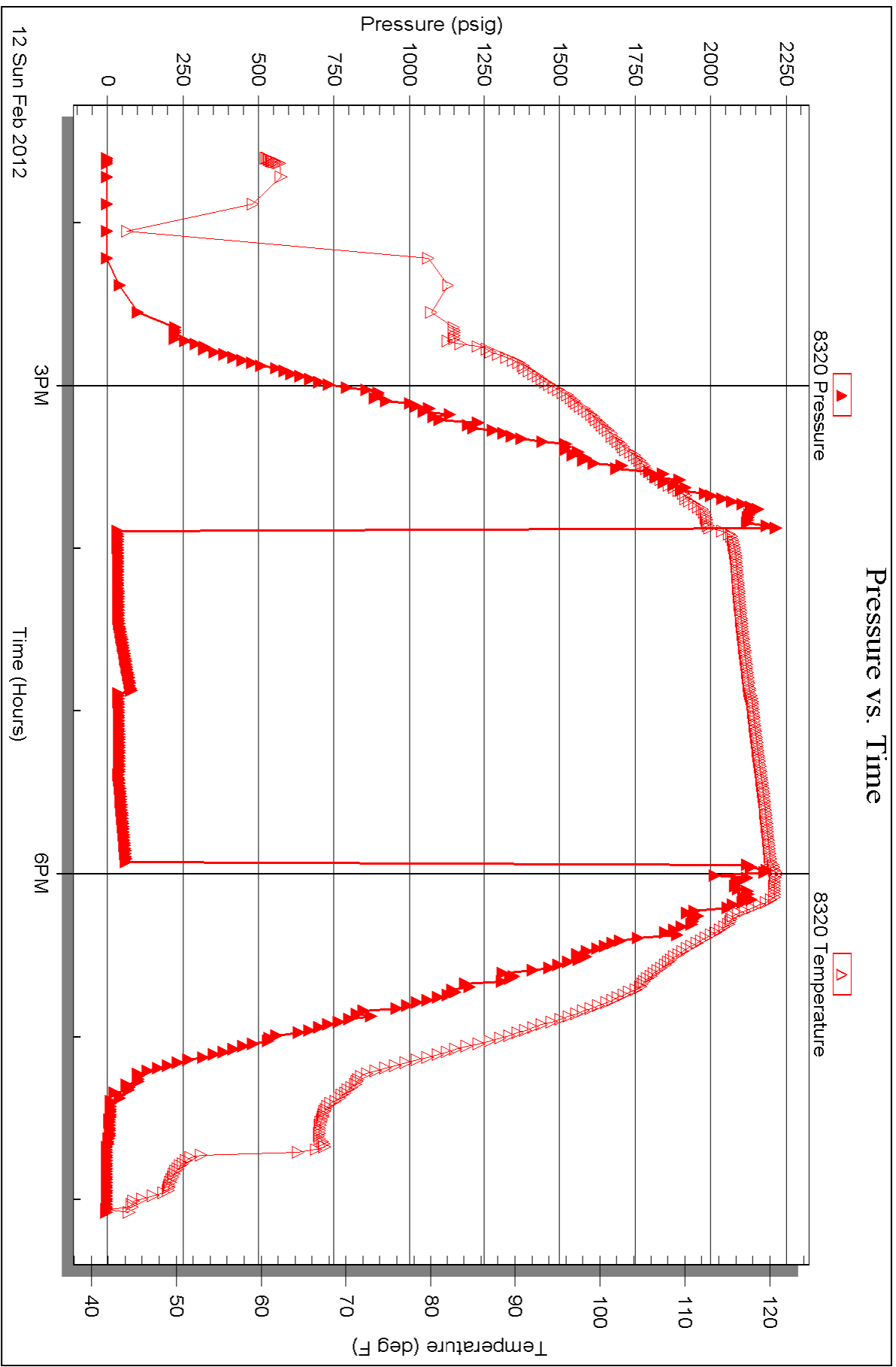


Serial #: 8320

Outside Murfin Drilling Co., Inc.

Drake #1-22

DST Test Number: 5





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
FEB 13 2012

Test Ticket

NO. 45565

4/10

Well Name & No. Drake #1-22 Test No. 1 Date 2-7-12
 Company Murfin Drilling Co. Inc Elevation 3014 KB 3009 GL
 Address 250 N. Water Suite 300 Wichita KS 67202
 Co. Rep / Geo. Rocky Milford Rig Murfin #8
 Location: Sec. 22 Twp. 5s Rge. 33w Co. Rawlins State KS

Interval Tested 3917 - 3987 Zone Tested LKC "A-D"
 Anchor Length 70 Drill Pipe Run 3725 Mud Wt. 9.2
 Top Packer Depth 3912 Drill Collars Run 187 Vis 64
 Bottom Packer Depth 3917 (shale) Wt. Pipe Run - WL 7.2
 Total Depth 3987 Chlorides 5100 ppm System LCM 7

Blow Description IF: Blow built to BOB (11") in 17 min. (Diesel in Bucket)
ISI: Bled off; weak surface blowback from 12 min - 17 min., then dead
FF: Blow built to BOB in 21 min.
FSI: Bled off, No blowback

Rec	Feet of	%gas	%oil	%water	%mud
<u>145</u>	<u>mcw</u>	-	-	<u>64</u>	<u>36</u>
<u>125</u>	<u>mcw</u>	-	-	<u>85</u>	<u>15</u>
<u>315</u>	<u>mcw</u>	-	-	<u>92</u>	<u>8</u>
Rec	Feet of <u>Show of oil in Tool</u>	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 585 BHT 127 Gravity - API RW .314 @ 60 °F Chlorides 25,000 ppm

(A) Initial Hydrostatic <u>1904</u>	<input type="checkbox"/> Test <u>* 1125</u>	T-On Location <u>21:50</u>
(B) First Initial Flow <u>26</u>	<input type="checkbox"/> Jars <u>* 250</u>	T-Started <u>22:33</u>
(C) First Final Flow <u>151</u>	<input type="checkbox"/> Safety Joint <u>* 75</u>	T-Open <u>3:39</u>
(D) Initial Shut-In <u>1276</u>	<input checked="" type="checkbox"/> Circ Sub <u>* NA</u>	T-Pulled <u>7:37</u>
(E) Second Initial Flow <u>150</u>	<input type="checkbox"/> Hourly Standby <u>3/4 hr 325</u>	T-Out <u>10:00</u>
(F) Second Final Flow <u>282</u>	<input type="checkbox"/> Mileage <u>92RT 128.50</u>	Comments <u>Rig slipped & cut</u>
(G) Final Shut-In <u>1276</u>	<input checked="" type="checkbox"/> Sampler	<u>bad drilling line before</u>
(H) Final Hydrostatic <u>1883</u>	<input checked="" type="checkbox"/> Straddle	<u>starting in 22:45-2:30</u>

Initial Open <u>30</u>	<input checked="" type="checkbox"/> Shale Packer <u>* 250</u>	<input checked="" type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>60</u>	<input checked="" type="checkbox"/> Extra Packer	<input checked="" type="checkbox"/> Ruined Packer
Final Flow <u>60</u>	<input checked="" type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>90</u>	<input checked="" type="checkbox"/> Day Standby	Total <u>2153.50</u>
	<input checked="" type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>2153.50</u>	

Approved By Rocky Milford Our Representative James Winkler

TriLOBITE TESTING INC. shall not be liable for damaged or any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
FEB 13 2012

Test Ticket

NO. 45566

Well Name & No. Drake #1-22 BY: _____ Test No. 2 Date 2-8-12
 Company Murfin Drilling Co, Inc. Elevation 3014 KB 3009 GL _____
 Address 250 N. Water Suite 300 Wichita, KS 67202
 Co. Rep / Geo. Rocky Milford Rig Murfin #8
 Location: Sec. 22 Twp. 5s Rge. 33w Co. Rawlins State KS

Interval Tested 3985-4037 Zone Tested LKC "E-6"
 Anchor Length 52 Drill Pipe Run 3788 Mud Wt. 9.2
 Top Packer Depth 3980 Drill Collars Run 187 Vis 52
 Bottom Packer Depth 3985 Wt. Pipe Run - WL 7.6
 Total Depth 4037 Chlorides 6200 ppm System LCM 7

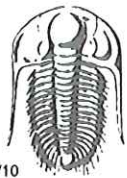
Blow Description IF: 1/4" blow at open, surging blow built to 4 1/2" (Diesel in Bucket)
ISI: Bled off, Blowback at 11 min., built to about 1/8"
FF: Blow built to 8 1/2"
FSI: Bled off, No blowback

Rec	Feet of	%gas	%oil	%water	%mud
<u>38</u>	<u>Mud</u>	-	-	<u>100</u>	<u>100</u>
<u>125</u>	<u>wcm</u>	-	-	<u>18</u>	<u>82</u>
<u>62</u>	<u>MW</u>	-	-	<u>55</u>	<u>45</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 225 BHT 120 Gravity - API RW .367 @ 53 °F Chlorides 26,000 ppm

(A) Initial Hydrostatic <u>1942</u>	<input type="checkbox"/> Test <u>12-25</u>	T-On Location <u>19:10</u>
(B) First Initial Flow <u>15</u>	<input checked="" type="checkbox"/> Jars _____	T-Started <u>19:54</u>
(C) First Final Flow <u>60</u>	<input checked="" type="checkbox"/> Safety Joint _____	T-Open <u>21:52</u>
(D) Initial Shut-In <u>1313</u>	<input checked="" type="checkbox"/> Circ Sub <u>ANA</u>	T-Pulled <u>1:52</u>
(E) Second Initial Flow <u>66</u>	<input checked="" type="checkbox"/> Hourly Standby _____	T-Out <u>4:00</u>
(F) Second Final Flow <u>118</u>	<input type="checkbox"/> Mileage <u>92RT 12880</u>	Comments _____
(G) Final Shut-In <u>1313</u>	<input checked="" type="checkbox"/> Sampler _____	<input checked="" type="checkbox"/> Ruined Shale Packer _____
(H) Final Hydrostatic <u>1922</u>	<input checked="" type="checkbox"/> Straddle _____	<input checked="" type="checkbox"/> Ruined Packer _____
Initial Open <u>30</u>	<input checked="" type="checkbox"/> Shale Packer _____	<input checked="" type="checkbox"/> Extra Copies _____
Initial Shut-In <u>60</u>	<input checked="" type="checkbox"/> Extra Packer _____	Sub Total <u>0</u>
Final Flow <u>60</u>	<input checked="" type="checkbox"/> Extra Recorder _____	Total <u>1353.80</u>
Final Shut-In <u>90</u>	<input checked="" type="checkbox"/> Day Standby _____	MP/DST Disc't _____
	<input checked="" type="checkbox"/> Accessibility _____	
	Sub Total <u>1353.80</u>	

Approved By Rocky Milford Our Representative James Winkler
 Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
FEB 13 2012

Test Ticket

NO. 45567

4/10

BY: _____

Well Name & No. Drake #1-22 Test No. 3 Date 2-9-12
 Company Murfin Drilling Co. Inc Elevation 3014 KB 3009 GL
 Address 250 N. Water Suite 300 Wichita, KS 67202
 Co. Rep / Geo. Rocky Milford Rig Murfin #8
 Location: Sec. 22 Twp. 5s Rge. 33w Co. Rawlins State KS

Interval Tested 4062 - 4118 Zone Tested LKC "Lower H-5"
 Anchor Length 56 Drill Pipe Run 3880 Mud Wt. 9.3
 Top Packer Depth 4057 Drill Collars Run 187 Vis 53
 Bottom Packer Depth 4062 Wt. Pipe Run - WL 8.0
 Total Depth 4118 Chlorides 6900 ppm System LCM 7
 Blow Description IF: Blow built to BOB (11") in 3 1/4 min. (Diesel in Bucket)
ISI: Bled off, No blowback
FF: Blow built to BOB in 3 1/2 min.
FSI: Bled off, No blowback

Rec	Feet of	%gas	%oil	%water	%mud
<u>190</u>	<u>WM w/trace oil</u>	<u>trace</u>	<u>43</u>	<u>57</u>	
<u>315</u>	<u>MCW w/trace oil</u>	<u>trace</u>	<u>70</u>	<u>30</u>	
<u>945</u>	<u>Water</u>	<u>-</u>	<u>96</u>	<u>4</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 1450 BHT 131 Gravity - API RW .292 @ 52.6 °F Chlorides 33,000 ppm

(A) Initial Hydrostatic 1954 Test 1225 T-On Location 15:45
 (B) First Initial Flow 142 Jars T-Started 16:31
 (C) First Final Flow 444 Safety Joint T-Open 18:33
 (D) Initial Shut-In 1308 Circ Sub *NA T-Pulled 22:04
 (E) Second Initial Flow 419 Hourly Standby T-Out 00:55
 (F) Second Final Flow 677 Mileage 92RT 128.80 Comments _____
 (G) Final Shut-In 1301 Sampler _____
 (H) Final Hydrostatic 1952 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 1353
 Day Standby _____ Total 1353
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1353.50

Initial Open 30
 Initial Shut-In 60
 Final Flow 30
 Final Shut-In 90

Approved By Rocky Milford Our Representative Jenna Winkler

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 45568

RECEIVED
FEB 15 2012

Well Name & No. Drake #1-22 BY: _____ Test No. 4 Date 2-11-12
 Company Murfin Drilling Co. Inc Elevation 3014 KB 3009 GL _____
 Address 250 N. Water Suite 300 Wichita, KS 67202
 Co. Rep / Geo. Rocky Milford Rig Murfin #8
 Location: Sec. 22 Twp. 5s Rge. 33w Co. Rawlins State KS

Interval Tested 4308-4345 Zone Tested Lower Pawnee
 Anchor Length 37 Drill Pipe Run 4103 Mud Wt. ~~9.4~~ 9.4
 Top Packer Depth 4303 Drill Collars Run 187 Vis ~~80~~ 80
 Bottom Packer Depth 4308 Wt. Pipe Run - WL ~~7.6~~ 7.6
 Total Depth 4345 Chlorides 6900 ppm System LCM 8#

Blow Description IF: Blow built to BOB(11") in 16 1/2 min. (Diesel in Bucket)
ISI: Bled off, Blowback built to 1"
FF: Blow built to BOB in 20 1/2 min.
FSI: Bled off, Blowback built to 1/2"

Rec	Feet of	%gas	%oil	%water	%mud
<u>95</u>	<u>50/mcw</u>	<u>2</u>	<u>7</u>	<u>35</u>	<u>56</u>
<u>125</u>	<u>50/mcw</u>	<u>-</u>	<u>2</u>	<u>86</u>	<u>12</u>
<u>315</u>	<u>50 50mcw</u>	<u>-</u>	<u>1</u>	<u>94</u>	<u>5</u>
Rec	Feet of <u>G.I.P.=30'+</u>	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 535 Fluid 30' GIP BHT 137 Gravity - API RW .267 @ 53.1 °F Chlorides 36,000 ppm

- (A) Initial Hydrostatic 2117
- (B) First Initial Flow 21
- (C) First Final Flow 137
- (D) Initial Shut-In 1193
- (E) Second Initial Flow 141
- (F) Second Final Flow 257
- (G) Final Shut-In 1169
- (H) Final Hydrostatic 2079

- Test * 1225'
 - Jars * 250'
 - Safety Joint * 75'
 - Circ Sub * NA
 - Hourly Standby ?
 - Mileage 92 RTX 2 257.60
 - Sampler
 - Straddle
 - Shale Packer
 - Extra Packer
 - Extra Recorder
 - Day Standby
 - Accessibility
- Sub Total 1807.60

T-On Location 123:45 2/10
 T-Started 16:27 3/11 16:25 3/11
 T-Open 18:23
 T-Pulled 22:26
 T-Out 1:15
 Comments Called and told me
Rig was going back in
to Recondition at 5 miles
from Rig/Start
out at
1:00
 Ruined Shale Packer
 Ruined Packer
 Extra Copies
 Sub Total 0
 Total 1807.60
 MP/DST Disc't _____

Initial Open 30
 Initial Shut-In 60
 Final Flow 60
 Final Shut-In 90

Approved By Rocky Milford Our Representative James Winder
 Trilobite Testing Inc. shall not be liable for damaged or any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 45569

RECEIVED
FEB 15 2012

Well Name & No. Drake #1-22 BY: _____ Test No. 5 Date 2-12-12
 Company Murfin Drilling Co. Inc. Elevation 3014 KB 3009 GL
 Address 250 N. Water Suite 300 Wichita, KS 67202
 Co. Rep / Geo. Rocky Milford Rig Murfin #8
 Location: Sec. 22 Twp. 5s Rge. 33w Co. Rawlins State KS

Interval Tested 4342 - 4402 Zone Tested Ft Scott - Celia
 Anchor Length 60 Drill Pipe Run 4134 Mud Wt. 9.2
 Top Packer Depth 4337 Drill Collars Run 187 Vis 45
 Bottom Packer Depth 4342 Wt. Pipe Run - WL 8.8
 Total Depth 4402 Chlorides 5400 ppm System LCM 6
 Blow Description IF: 1/2" surge blow, Bled off, Blow built to 1/8" in 15 min. on/off blow at 1/8"
ISI: Bled off, No blowback (Diesel in Bucket) till close
FF: on/off surface blow, dead after 18 min.
FSI: ~~Blow~~ No Blowback

Rec	Feet of	%gas	%oil	%water	%mud
<u>58</u>	<u>Mud</u>			<u>100</u>	
	<u>Trace of Oil in Tool</u>				

Rec Total 58 BHT _____ Gravity - API RW - @ - ° F Chlorides - ppm

(A) Initial Hydrostatic <u>2123</u>	<input type="checkbox"/> Test <u>* 1225"</u>	T-On Location <u>12:15</u>
(B) First Initial Flow <u>34</u>	<input checked="" type="checkbox"/> Jars <u>* 250"</u>	T-Started <u>13:36</u>
(C) First Final Flow <u>38</u>	<input checked="" type="checkbox"/> Safety Joint <u>* 75"</u>	T-Open <u>15:53</u>
(D) Initial Shut-In <u>82</u>	<input checked="" type="checkbox"/> Circ Sub <u>* NA</u>	T-Pulled <u>17:55</u>
(E) Second Initial Flow <u>39</u>	<input checked="" type="checkbox"/> Hourly Standby	T-Out <u>19:50</u>
(F) Second Final Flow <u>40</u>	<input type="checkbox"/> Mileage <u>92RT 128.80</u>	Comments <u>Tool chased</u>
(G) Final Shut-In <u>63</u>	<input checked="" type="checkbox"/> Sampler	<u>2' to bottom at open</u>
(H) Final Hydrostatic <u>2088</u>	<input checked="" type="checkbox"/> Straddle	<u>- No mud loss at top</u>
	<input checked="" type="checkbox"/> Shale Packer	<input checked="" type="checkbox"/> Ruined Shale Packer
	<input checked="" type="checkbox"/> Extra Packer	<input checked="" type="checkbox"/> Ruined Packer
Initial Open <u>30</u>	<input checked="" type="checkbox"/> Extra Recorder	Extra Copies _____
Initial Shut-In <u>30</u>	<input checked="" type="checkbox"/> Day Standby	Sub Total <u>0</u>
Final Flow <u>30</u>	<input checked="" type="checkbox"/> Accessibility	Total <u>1678.80</u>
Final Shut-In <u>30</u>	Sub Total <u>1678.80</u>	MP/DST Disc't _____

Approved By Rocky Milford Our Representative James Winkler
 Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



PO Box 93999
Southlake, TX 76092

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

PROD COPY

INVOICE

Jay H. acct.

OPERATOR PAY MDC

Invoice Number: 130081

Invoice Date: Feb 2, 2012

Page: 1

LEASE: Drake 1-22
on

Bill To:

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

Federal Tax I.D.#: 20-8651475

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Murfin	Drake #1-22	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Great Bend	Feb 2, 2012	3/3/12

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
40.00	SER	Mileage	22.77	910.80
1.00	SER	Surface ✓	1,125.00	1,125.00
40.00	SER	Heavy Vehicle Mileage	7.00	280.00
40.00	SER	Light Vehicle Mileage	4.00	160.00
1.00	EQUIP OPER	Greg Redetzke		
1.00	EQUIP OPER	Dustin Chambers		
1.00	OPER ASSIST	Kevin Weighous		

Account	Dr	L	No.	Amount	Description
<i>ED203</i>				<i>4583.74</i>	<i>Coment S. Csg. #1-22</i>
				<i>3.1811.0001</i>	

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

\$ 2309.63

ONLY IF PAID ON OR BEFORE
Feb 27, 2012

Subtotal	6,598.95
Sales Tax	294.42
Total Invoice Amount	6,893.37
Payment/Credit Applied	
TOTAL	6,893.37

01510

- 2309.63

4583.74

ALLIED CEMENTING CO., LLC. 042403

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Grant Des, KS

DATE <u>2-3-12</u>	SEC <u>22</u>	TWP <u>5</u>	RANGE <u>33</u>	CALLED OUT	ON LOCATION	JOB START <u>9:30 PM</u>	JOB FINISH <u>9:30 PM</u>
LEASE <u>NRK</u>	WELL# <u>1-22</u>	LOCATION <u>Colby, KS North to County</u>			COUNTY <u>Murfin</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)		<u>Line, 3 east 2 1/2 north</u>					

CONTRACTOR Murfin Drilling OWNER Murfin Drilling

TYPE OF JOB Surface

HOLE SIZE <u>12 1/4</u>	T.D. <u>219</u>	CEMENT
CASING SIZE <u>8 3/4</u>	DEPTH <u>219</u>	AMOUNT ORDERED <u>900 slcs Class A</u>
TUBING SIZE	DEPTH	<u>3 3/8 cc No 931</u>
DRILL PIPE	DEPTH	
TOOL	DEPTH	

PRES. MAX	MINIMUM	COMMON	<u>200</u>	@	<u>16.25</u>	<u>3250.00</u>
MEAS. LINE	SHOE JOINT	POZMIX		@		
CEMENT LEFT IN CSG. <u>15 ft.</u>		GEL		@		
PERFS.		CHLORIDE	<u>7</u>	@	<u>58.20</u>	<u>407.40</u>
DISPLACEMENT		ASC		@		

EQUIPMENT

PUMP TRUCK # <u>364</u>	CEMENTER <u>Greg D</u>					
	HELPER <u>Dustin C.</u>					
BULK TRUCK # <u>482-154</u>	DRIVER <u>Kevin W</u>					
BULK TRUCK #	DRIVER					
		HANDLING	<u>207</u>	@	<u>2.25</u>	<u>465.75</u>
		MILEAGE	<u>207 x 40 x .11</u>			<u>910.86</u>
		TOTAL				<u>5033.95</u>

REMARKS:
Pipe and bottom break circulation
with rig was. Hook up to cement
mix 200 slcs Class A
5900 lbs of gel displace with
3.0 DPL Freshwater that is
cement to circulate
Hydrowax @ 9:30 P.M
Rig down

CHARGE TO: Murfin Drilling

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	<u>219</u>		
PUMP TRUCK CHARGE		@	<u>1125.00</u>
EXTRA FOOTAGE		@	
MILEAGE <u>HUM</u>	<u>40</u>	@	<u>7.00</u> <u>280.00</u>
MANIFOLD		@	
<u>HUM</u>	<u>40</u>	@	<u>4.00</u> <u>160.00</u>
TOTAL			<u>1565.00</u>

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.

PRINTED NAME Rodney Fair

SIGNATURE Rodney Fair

Thank You!

SALES TAX (If Any) _____

TOTAL CHARGES 6,598.95

DISCOUNT 358 2,309.63 IF PAID IN 30 DAYS

4,289.32



PO Box 93999
Southlake, TX 76092

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

INVOICE

Invoice Number: 130214

Invoice Date: Feb 14, 2012

Page: 1

OPERATOR PAY MDC

LEASE: Drake 1-22

Federal Tax I.D.#: 20-8651475

PROD COPY

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	Drake #1-22	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-03	Oakley	Feb 14, 2012	3/15/12

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
55.00	MAT	FloSeal	2.70	148.50
231.00	SER	Handling	2.25	519.75
40.00	SER	Mileage	25.41	1,016.40
1.00	SER	<u>Plugged to Abandon</u>	1,250.00	1,250.00
40.00	SER	Heavy Vehicle Mileage	7.00	280.00
40.00	SER	Light Vehicle Mileage	4.00	160.00
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	Brandon Wilkinson		

Account	Unit Price	W/L	No.	Amount	Description
#0203				4645.72	PTA "1-22
			3.	1811.000	

Subtotal	6,359.65
Sales Tax	511.95
Total Invoice Amount	6,871.60
Payment/Credit Applied	
TOTAL	6,871.60

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

\$ 2225.88

ONLY IF PAID ON OR BEFORE
Mar 10, 2012

- 2225.88

4645.72

ALLIED CEMENTING CO., LLC. 035339

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Osage

DATE <i>2/14/12</i>	SEC <i>82</i>	TWP <i>5</i>	RANGE <i>33</i>	CALLED OUT	ON LOCATION	JOB START <i>3:00pm</i>	JOB FINISH <i>4:00pm</i>
LEASE <i>Drake</i>		WELL # <i>122</i>		LOCATION <i>Colby N to Perkins Co Rd 2E</i>		COUNTY <i>Perkins</i>	STATE <i>Ks</i>
OLD OR NEW (Circle one) <input checked="" type="radio"/> NEW				<i>15 1/4 W of Nicks</i>			

CONTRACTOR *Mur Fin 8*

TYPE OF JOB *PTA*

HOLE SIZE *7 1/2* T.D.

CASING SIZE *8 5/8* DEPTH

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT

EQUIPMENT

PUMP TRUCK CEMENTER *Alan*

402 HELPER *Wayne*

BULK TRUCK

326 DRIVER *Brandon*

BULK TRUCK

DRIVER

OWNER *Same*

CEMENT AMOUNT ORDERED *220 SK, 60' 40*

470 gal 1 1/4 FloSeal

COMMON	<i>132</i>	@	<i>16.25</i>	<i>2145.00</i>
POZMIX	<i>88</i>	@	<i>8.50</i>	<i>748.00</i>
GEL	<i>8</i>	@		
CHLORIDE		@		
ASC		@		
<i>FloSeal</i>	<i>55</i>	@	<i>2.20</i>	<i>148.20</i>
HANDLING	<i>231 SK</i>	@	<i>2.25</i>	<i>519.75</i>
MILEAGE	<i>114 SK/mile</i>			<i>1016.40</i>
TOTAL				<i>4577.35</i>

REMARKS:

25 SK @ 2683'

100 SK @ 1909'

40 SK @ 268'

10 SK @ 40'

30 SK R Hole

15 SK M Hole

CHARGE TO: *Mur Fin Drilling*

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	<i>2683</i>		
PUMP TRUCK CHARGE			<i>1250.00</i>
EXTRA FOOTAGE		@	
MILEAGE <i>40</i>		@	<i>2.00 280.00</i>
MANIFOLD		@	
<i>Lite Vehicle 40</i>		@	<i>4.00 160.00</i>
TOTAL <i>1690.00</i>			

PLUG & FLOAT EQUIPMENT

<i>8" B Wood Plug</i>	@	<i>92.00</i>
	@	
	@	
	@	
	@	
TOTAL <i>92.00</i>		

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: *Rodney Farr*

SIGNATURE: *Rodney Farr*

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS