

Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

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

Gas  DH  EOR

OG  GSW

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 EOR  Conv. to SWD

Plug Back  Liner  Conv. to GSW  Conv. to Producer

Commingled Permit #: \_\_\_\_\_

Dual Completion Permit #: \_\_\_\_\_

SWD Permit #: \_\_\_\_\_

EOR Permit #: \_\_\_\_\_

GSW Permit #: \_\_\_\_\_

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: \_\_\_\_\_

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  Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops 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](mailto: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 <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 Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No  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
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
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>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	RJM Company
Well Name	FURY FARMS 1
Doc ID	1324303

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	3397-3401	1000 gal 15% acid	
6	3336-3342	1250 gal 15% acid	
4	3246-3250	1000 gal 15% acid	
6	3206-3212	1250 gal 15% acid	





**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: FURY1DST1

TIME ON: 13:52  
TIME OFF: 20:01

Company RJM Company Lease & Well No. Fury Farms #1  
Contractor Southwind Drlg Rig #3 Charge to RJM Company  
Elevation 1898' KB Formation KC "A&B" Effective Pay \_\_\_\_\_ Ft. Ticket No. F442  
Date 10-03-16 Sec. 13 Twp. \_\_\_\_\_ 19s S Range 13w W County Barton State KANSAS  
Test Approved By Wyatt Urban Diamond Representative Jake Fahrenbruch

Formation Test No. 1 Interval Tested from 3190 ft. to 3225 ft. Total Depth 3225 ft.  
Packer Depth 3185 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 3190 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3192 ft. Recorder Number 5951 Cap. 5000 P.S.I.  
Bottom Recorder Depth (Outside) 3193 ft. Recorder Number 5584 Cap. 5000 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEMICAL Viscosity 53 (2# LCM) Drill Collar Length 0 ft. I.D. 2 1/4 in.  
Weight 8.9 Water Loss 8.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 3,000 P.P.M. Drill Pipe Length 3,170 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number \_\_\_\_\_ Test Tool Length 20 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? NO Reversed Out NO Anchor Length 35 ft. Size 4 1/2-FH in.  
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Blow inc to BOB in 17 minutes. No BB.  
2nd Open: Blow at BOB in 5 seconds. No GTS. No BB.

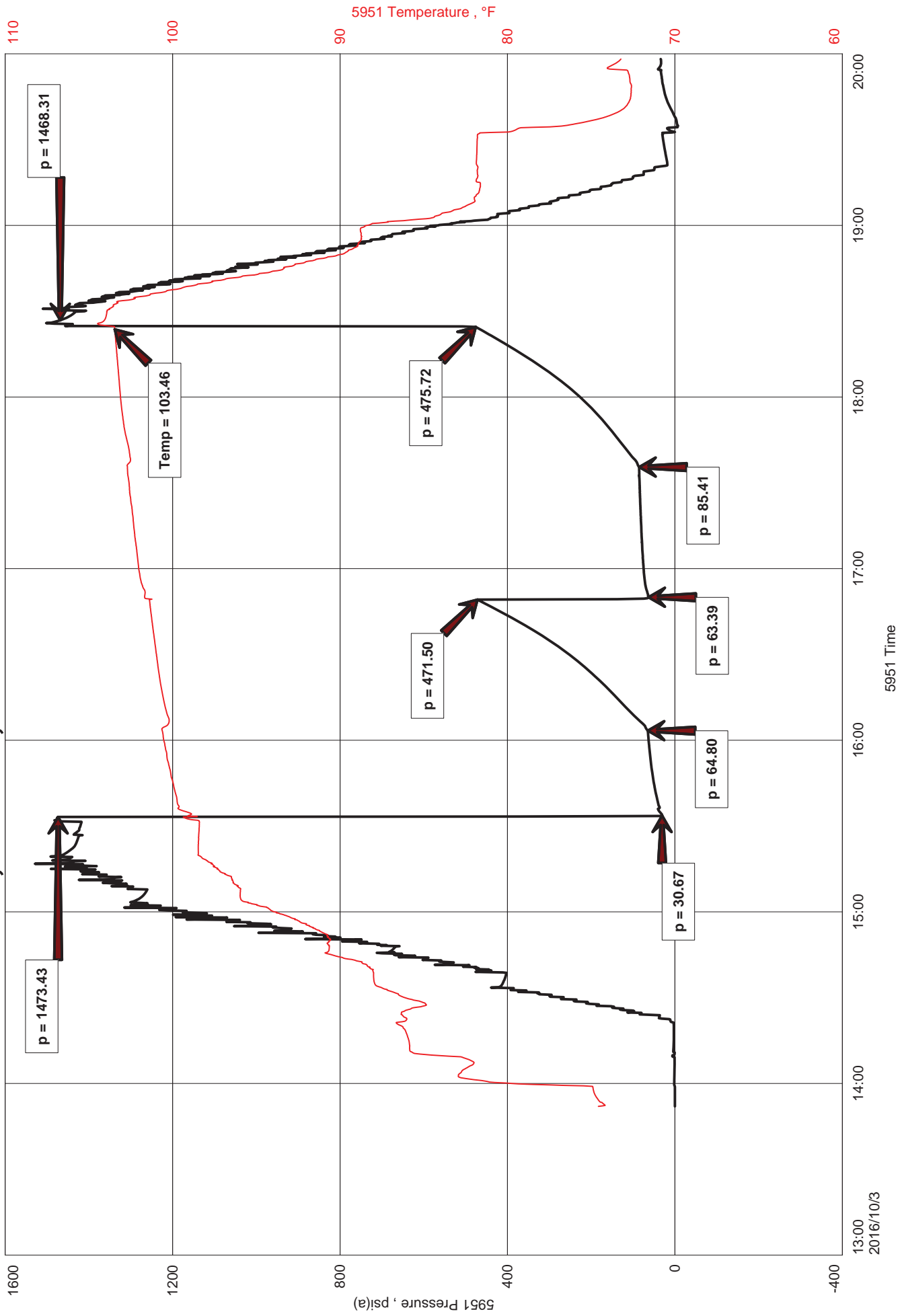
Recovered 35 ft. of HOCM 24% oil, 76% mud  
Recovered \_\_\_\_\_ ft. of 600' GIP  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
_____	Total

Time Set Packer(s) 15:37 A.M. P.M. Time Started Off Bottom 18:22 A.M. P.M. Maximum Temperature 103 F  
Initial Hydrostatic Pressure..... (A) 1473 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 31 P.S.I. to (C) 65 P.S.I.  
Initial Closed In Period..... Minutes 45 (D) 472 P.S.I.  
Final Flow Period..... Minutes 45 (E) 64 P.S.I. to (F) 85 P.S.I.  
Final Closed In Period..... Minutes 45 (G) 476 P.S.I.  
Final Hydrostatic Pressure..... (H) 1468 P.S.I.

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# FURY FARMS #1, DST #1, KANSAS CITY "A&B" 3190'-3225'





# DIAMOND TESTING GENERAL REPORT

**Jake Fahrenbruch, Tester**

Cell: (620) 282-8977 / Office: (800) 542-7313



## TEST INFORMATION

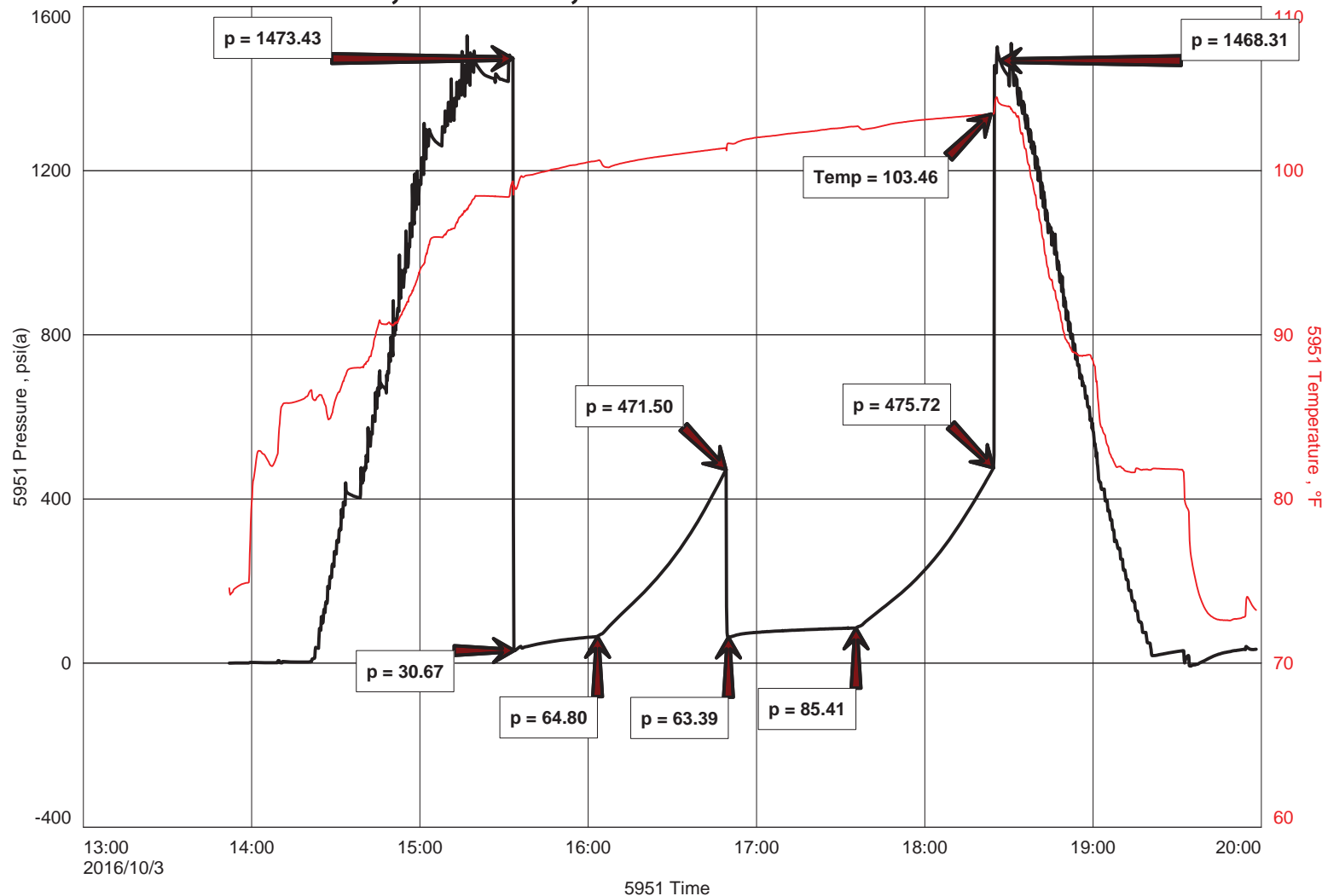
<b>Well Name</b>	Fury Farms #1
<b>Company Name</b>	RJM Company
<b>Formation</b>	DST #1, Kansas City "A&B", 3190'-3225'
<b>Test Type</b>	Bottom-Hole
<b>Surface Location</b>	Sec 13-19s-13w-Butler Co.-KS
<b>KB Elevation (SL)</b>	1898.000
<b>Gauge Name</b>	5951
<b>Start Test Date</b>	2016/10/03
<b>Start Test Time</b>	13:52:00
<b>Final Test Date</b>	2016/10/03
<b>Final Test Time</b>	20:01:00
<b>Job Number</b>	F442
<b>Contact</b>	Brad Miller
<b>Site Contact</b>	Wyatt Urban

## TEST RESULTS

Initial flow, blow increased to BOB in 17 minutes. No blowback.  
 Final flow, blow at BOB in 5 seconds. No GTS. No blowback.

Recovered: 35' of HOCM (24% oil, 76% m) and 600' of Gas In Pipe

## FURY FARMS #1, DST #1, KANSAS CITY "A&B" 3190'-3225'







**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: FURY1DST2

TIME ON: 03:40  
TIME OFF: 09:10

Company RJM Company Lease & Well No. Fury Farms #1  
Contractor Southwind Drlg Rig #3 Charge to RJM Company  
Elevation 1898' KB Formation KC "C&D" Effective Pay \_\_\_\_\_ Ft. Ticket No. F443  
Date 10-4-16 Sec. 13 Twp. \_\_\_\_\_ 19s S Range 13w W County Barton State KANSAS  
Test Approved By Wyatt Urban Diamond Representative Jake Fahrenbruch

Formation Test No. 2 Interval Tested from 3231 ft. to 3252 ft. Total Depth 3252 ft.  
Packer Depth 3226 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 3231 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3232 ft. Recorder Number 5951 Cap. 5000 P.S.I.  
Bottom Recorder Depth (Outside) 3233 ft. Recorder Number 5584 Cap. 5000 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEMICAL Viscosity 51 (2# LCM) Drill Collar Length 0 ft. I.D. 2 1/4 in.  
Weight 9.1 Water Loss 8.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 3,000 P.P.M. Drill Pipe Length 3,211 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number \_\_\_\_\_ Test Tool Length 20 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? NO Reversed Out NO Anchor Length 35 ft. Size 4 1/2-FH in.  
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Blow inc to BOB in 1 min. No BB.  
2nd Open: Blow inc to BOB in 10 sec. No GTS. No BB.

Recovered 45 ft. of OCM 10% oil, 90% mud  
Recovered 45 ft. of Gassy Muddy Oil 15% gas, 55% oil, 30% mud  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

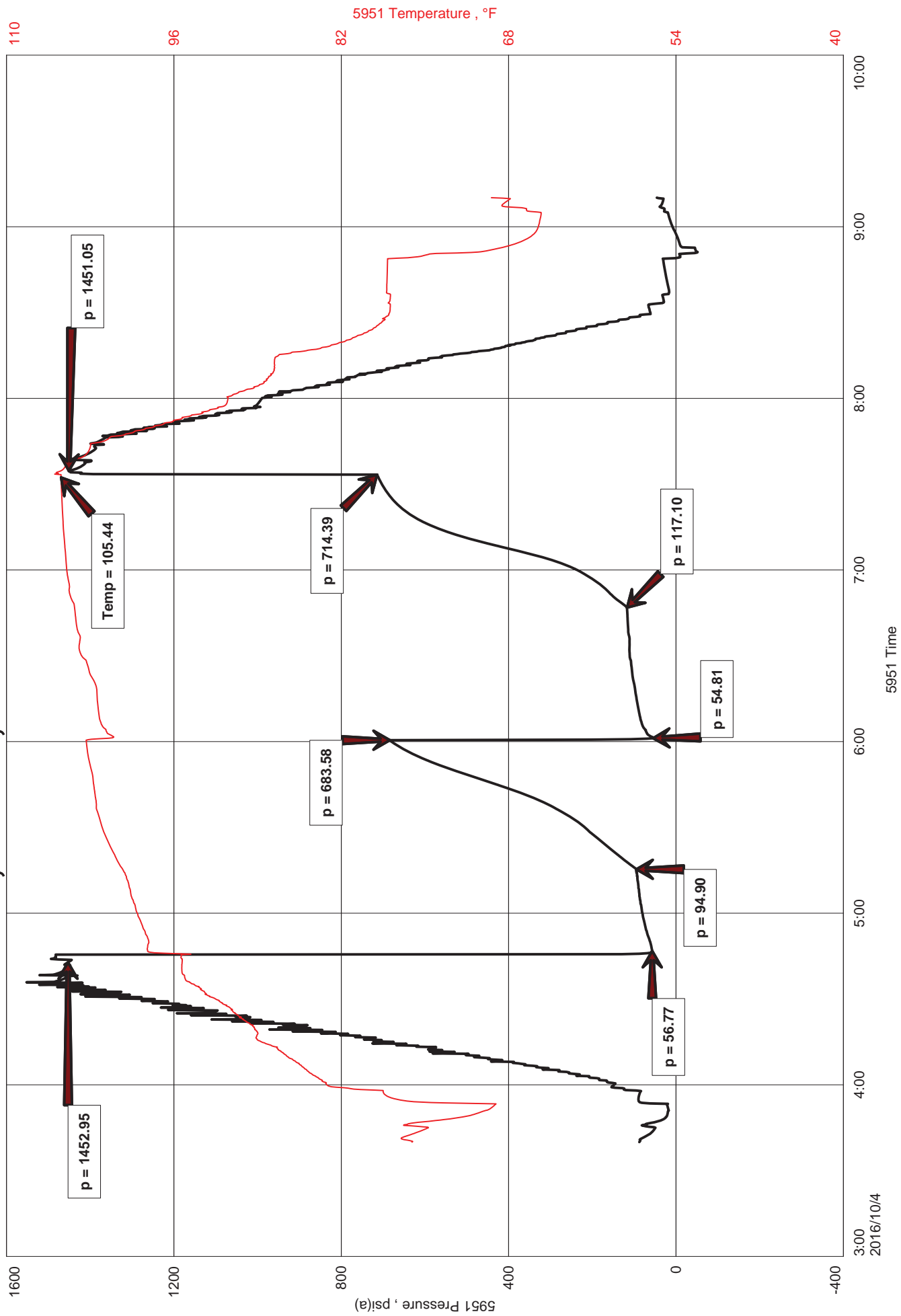
Remarks: TOTAL RECOVERED FLUID: 90'  
1,060' Gas In Pipe

	Price Job
	Other Charges
	Insurance
	Total

Time Set Packer(s) 04:45 A.M. P.M. Time Started Off Bottom 07:30 A.M. P.M. Maximum Temperature 105 F  
Initial Hydrostatic Pressure..... (A) 1453 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 57 P.S.I. to (C) 95 P.S.I.  
Initial Closed In Period..... Minutes 45 (D) 684 P.S.I.  
Final Flow Period..... Minutes 45 (E) 55 P.S.I. to (F) 117 P.S.I.  
Final Closed In Period..... Minutes 45 (G) 714 P.S.I.  
Final Hydrostatic Pressure..... (H) 1451 P.S.I.

Diamond Testing shall not be liable for damages of any kind to 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 statement or opinion concerning the result 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.

# FURY FARMS #1, DST #2, KANSAS CITY "C&D" 3231'-3252'





DIAMOND TESTING  
 P.O. Box 157  
 HOISINGTON, KANSAS 67544  
 (800) 542-7313  
 DRILL-STEM TEST TICKET  
 FILE: FURY1DST2

ON LOCATION: \_\_\_\_\_  
 START RECORDERS: 03:40  
 STOP RECORDERS: 09:10

Company RJM COMPANY Lease & Well No. FURY FARMS #1  
 Contractor SOUTHWIND DRIG #3 Charge to RJM COMPANY  
 Elevation 1898' KB Formation KANSAS CITY "CFD" Effective Pay \_\_\_\_\_ Ft. Ticket No. F443  
 Date 10-4-16 Sec. 13 Twp. 19S Range 13W County BUTLER State KANSAS  
 Test Approved By WYATT URBAN Diamond Representative JAKE FAHRENBRUCH

Formation Test No. 2 Interval Tested from 3231 ft. to 3252 ft. Total Depth 3252 ft.  
 Packer Depth 3226 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
 Packer Depth 3231 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
 Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3232 ft. Recorder Number 5957 Cap. 5000 P.S.I.  
 Bottom Recorder Depth (Outside) 3233 ft. Recorder Number 5584 Cap. 5000 P.S.I.  
 Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEMICAL Viscosity 51 (2 \* LCM) Drill Collar Length \_\_\_\_\_ ft. I.D. 2 1/4 in.  
 Weight 9.1 Water Loss 8.4 cc. Weight Pipe Length \_\_\_\_\_ ft. I.D. 2 7/8 in.  
 Chlorides 3000 P.P.M. Drill Pipe Length 3211 ft. I.D. 3 1/2 in.  
 Jars: Make STERLING Serial Number \_\_\_\_\_ Test Tool Length 20 ft. Tool Size 3 1/2-IF in.  
 Did Well Flow? \_\_\_\_\_ Reversed Out \_\_\_\_\_ Anchor Length 21 ft. Size 4 1/2-FH in.  
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2" XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: BLOW INC TO BOB IN 1 MIN. NO BB.  
 2nd Open: BLOW INC TO BOB IN 10 SEC. NO GTS. NO BB.

Recovered 45 ft. of OCM 10" oil, 90" mud  
 Recovered 45 ft. of Gassy Muddy Oil 15" gas, 55" oil, 30" mud  
 Recovered \_\_\_\_\_ ft. of 1060' GAS IN PIPE  
 Recovered \_\_\_\_\_ ft. of TOTAL RECOVERED FLUID: 90'

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	
	Total

Time Set Packer(s) 04:45 A.M. P.M. Time Started Off Bottom 07:30 A.M. P.M. Maximum Temperature 105°F

Initial Hydrostatic Pressure..... (A) 1453 P.S.I.  
 Initial Flow Period..... Minutes 30 (B) 57 P.S.I. to (C) 95 P.S.I.  
 Initial Closed In Period..... Minutes 45 (D) 684 P.S.I.  
 Final Flow Period..... Minutes 45 (E) 55 P.S.I. to (F) 117 P.S.I.  
 Final Closed In Period..... Minutes 45 (G) 714 P.S.I. Thanks!  
 Final Hydrostatic Pressure..... (H) 1451 P.S.I. Jake Fahrenbruch

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# DIAMOND TESTING GENERAL REPORT

**Jake Fahrenbruch, Tester**

Cell: (620) 282-8977 / Office: (800) 542-7313



## TEST INFORMATION

<b>Well Name</b>	Fury Farms #1
<b>Company Name</b>	RJM Company
<b>Formation</b>	DST #2, Kansas City "C&D" 3231'-3252'
<b>Test Type</b>	Bottom-Hole
<b>Surface Location</b>	Sec 13-19s-13w-Butler Co.-KS
<b>KB Elevation (SL)</b>	1898.000
<b>Gauge Name</b>	5951
<b>Start Test Date</b>	2016/10/04
<b>Start Test Time</b>	03:40:00
<b>Final Test Date</b>	2016/10/04
<b>Final Test Time</b>	09:10:00
<b>Job Number</b>	F443
<b>Contact</b>	Brad Miller
<b>Site Contact</b>	Wyatt Urban

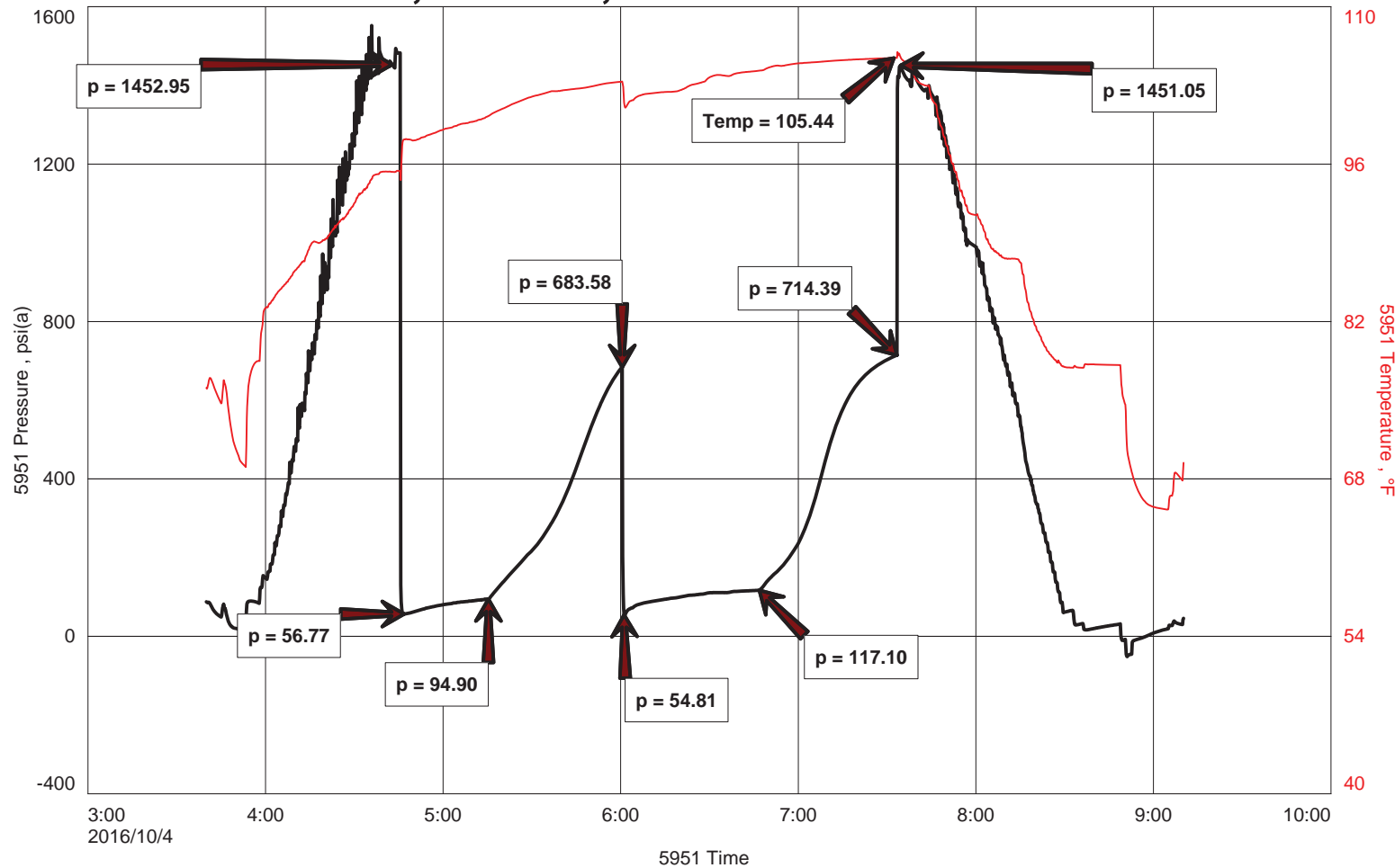
## TEST RESULTS

Initial flow, blow increased to BOB in 1 minute. No blowback.  
 Final flow, blow increased to BOB in 10 seconds. No GTS. No blowback.

TOTAL RECOVERED FLUID: 90'

45' OCM 10% oil, 90% mud  
 45' Gassy Muddy Oil 15% gas, 55% oil, 30% mud  
 ----- 1,060' Gas In Pipe

## FURY FARMS #1, DST #2, KANSAS CITY "C&D" 3231'-3252'





**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: FURY1DST3

TIME ON: 17:50  
TIME OFF: 22:50

Company RJM Company Lease & Well No. Fury Farms #1  
Contractor Southwind Drlg Rig #3 Charge to RJM Company  
Elevation 1898' KB Formation KC "C&D" Effective Pay \_\_\_\_\_ Ft. Ticket No. F443  
Date 10-4-16 Sec. 13 Twp. \_\_\_\_\_ 19s S Range 13w W County Barton State KANSAS  
Test Approved By Wyatt Urban Diamond Representative Jake Fahrenbruch

Formation Test No. 3 Interval Tested from 3254 ft. to 3278 ft. Total Depth 3278 ft.  
Packer Depth 3249 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 3254 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3256 ft. Recorder Number 5951 Cap. 5000 P.S.I.  
Bottom Recorder Depth (Outside) 3257 ft. Recorder Number 5584 Cap. 5000 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEMICAL Viscosity 48 (1.5# LCM) Drill Collar Length 0 ft. I.D. 2 1/4 in.  
Weight 9.2 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 5,000 P.P.M. Drill Pipe Length 3,234 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number \_\_\_\_\_ Test Tool Length 20 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? NO Reversed Out NO Anchor Length 24 ft. Size 4 1/2-FH in.  
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

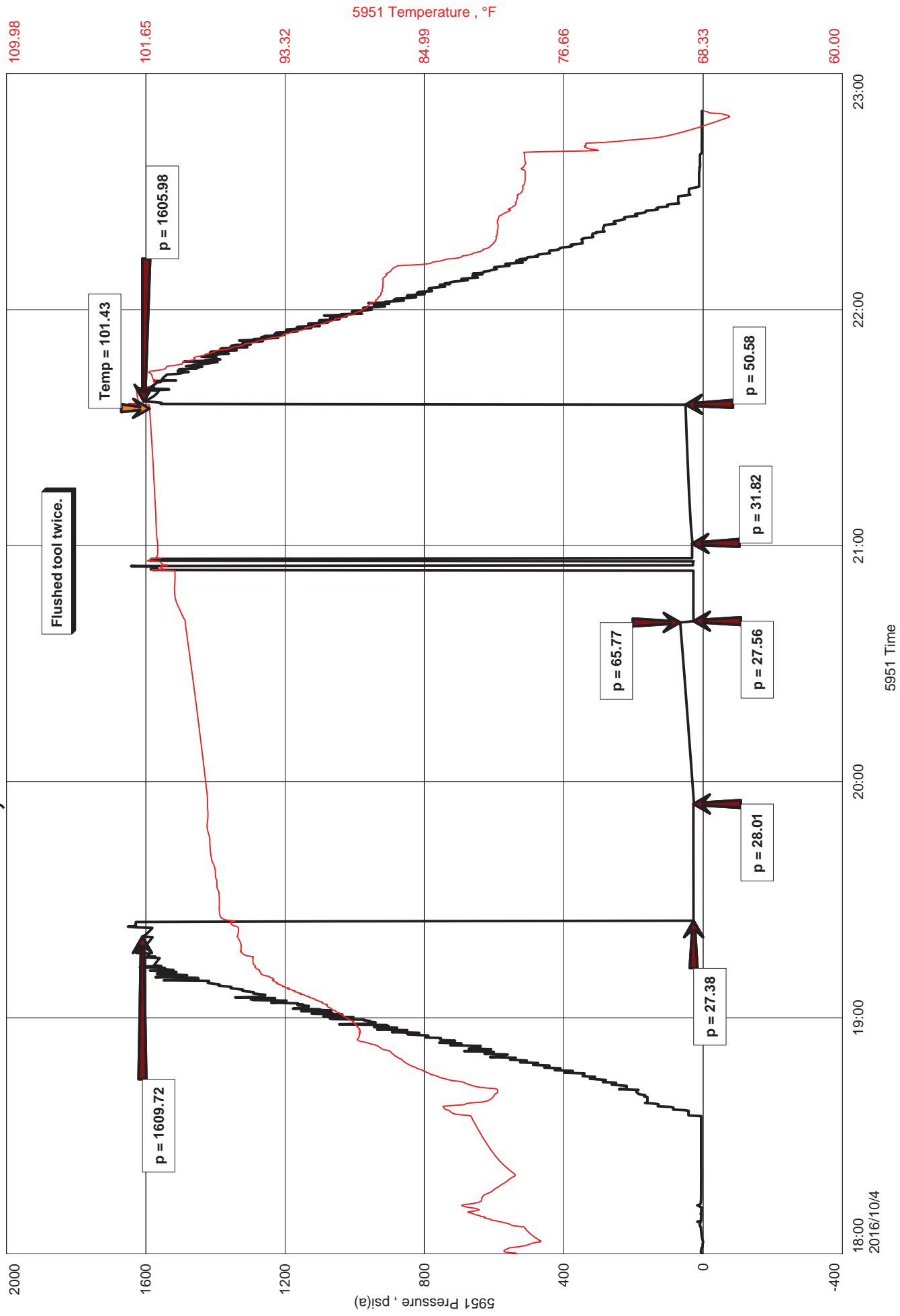
Blow: 1st Open: tool slid 4', 2" blow, blow did not increased.  
2nd Open: no blow, flushed tool twice, no blow.

Recovered <u>30</u> ft. of <u>drilling mud</u>	<u>100% mud</u>
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Remarks: <u>Tools were not plugged.</u>	Other Charges
	Insurance
	Total

Time Set Packer(s) 19:25 A.M. P.M. Time Started Off Bottom 21:30 A.M. P.M. Maximum Temperature 101 F  
Initial Hydrostatic Pressure..... (A) 1610 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 27 P.S.I. to (C) 28 P.S.I.  
Initial Closed In Period..... Minutes 45 (D) 66 P.S.I.  
Final Flow Period..... Minutes 20 (E) 28 P.S.I. to (F) 32 P.S.I.  
Final Closed In Period..... Minutes 30 (G) 51 P.S.I.  
Final Hydrostatic Pressure..... (H) 1606 P.S.I.

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# FURY FARMS #1, DST #3 KANSAS CITY 3254'-3278'





**DIAMOND TESTING**  
 P.O. Box 157  
 HOISINGTON, KANSAS 67544  
 (800) 542-7313  
**DRILL-STEM TEST TICKET**  
 FILE: FURY1DST3

ON LOCATION:	<u>17:30</u>
START RECORDERS:	<u>17:50</u>
STOP RECORDERS:	<u>22:50</u>

Company RJM COMPANY Lease & Well No. FURY FARMS #1  
 Contractor SOUTHWIND DRUG. RIG #3 Charge to RJM COMPANY  
 Elevation 1898' KB Formation KANSAS CITY "EFF" Effective Pay \_\_\_\_\_ Ft. Ticket No. F444  
 Date 10-4-16 Sec. 13 Twp. 19S Range 13W County BARTON State KANSAS  
 Test Approved By WYATT URBAN Diamond Representative JAKE FAHRENBRUCH

Formation Test No. 3 Interval Tested from 3254 ft. to 3278 ft. Total Depth 3278 ft.  
 Packer Depth 3249 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
 Packer Depth 3254 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
 Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3256 ft. Recorder Number 5951 Cap. 5000 P.S.I.  
 Bottom Recorder Depth (Outside) 3257 ft. Recorder Number 5584 Cap. 5000 P.S.I.  
 Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEMICAL Viscosity 48 (1 1/2" x 20M) Drill Collar Length \_\_\_\_\_ ft. I.D. 2 1/4 in.  
 Weight 9.2 Water Loss 8.8 cc. Weight Pipe Length \_\_\_\_\_ ft. I.D. 2 7/8 in.  
 Chlorides 5000 P.P.M. Drill Pipe Length 3234 ft. I.D. 3 1/2 in.  
 Jars: Make STERLING Serial Number \_\_\_\_\_ Test Tool Length 20 ft. Tool Size 3 1/2-IF in.  
 Did Well Flow? \_\_\_\_\_ Reversed Out \_\_\_\_\_ Anchor Length 24 ft. Size 4 1/2-FH in.  
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2" AH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Tool SEED 4', 2" blow, blow did not increase. No BB.  
 2nd Open: No blow, flushed tool twice. No blows

Recovered 30 ft. of Dry Mud 100" mud  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks: TOOLS were not plugged.

Time Set Packer(s) 19:25 A.M. P.M. Time Started Off Bottom 21:30 A.M. P.M. Maximum Temperature 101°F

Initial Hydrostatic Pressure..... (A) 1610 P.S.I.  
 Initial Flow Period..... Minutes 30 (B) 27 P.S.I. to (C) 28 P.S.I.  
 Initial Closed In Period..... Minutes 45 (D) 66 P.S.I.  
 Final Flow Period..... Minutes 20 (E) 28 P.S.I. to (F) 32 P.S.I.  
 Final Closed In Period..... Minutes 30 (G) 51 P.S.I. Thanks!  
 Final Hydrostatic Pressure..... (H) 1606 P.S.I. Jake Fahrenbruch

Diamond Testing shall not be liable for damages of any kind to 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 statement or opinion concerning the result 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.

# DIAMOND TESTING GENERAL REPORT

**Jake Fahrenbruch, Tester**

Cell: (620) 282-8977 / Office: (800) 542-7313



## TEST INFORMATION

<b>Well Name</b>	Fury Farms #1
<b>Company Name</b>	RJM Company
<b>Formation</b>	DST #3 Kansas City "E&F" 3254'-3278'
<b>Test Type</b>	Bottom-Hole
<b>Surface Location</b>	Sec 13-19s-13w-Barton Co.-KS
<b>KB Elevation (SL)</b>	578.510
<b>Gauge Name</b>	5951
<b>Start Test Date</b>	2016/10/04
<b>Start Test Time</b>	17:50:00
<b>Final Test Date</b>	2016/10/04
<b>Final Test Time</b>	22:50:00
<b>Job Number</b>	F444
<b>Contact</b>	Brad Miller
<b>Site Contact</b>	Wyatt Urban

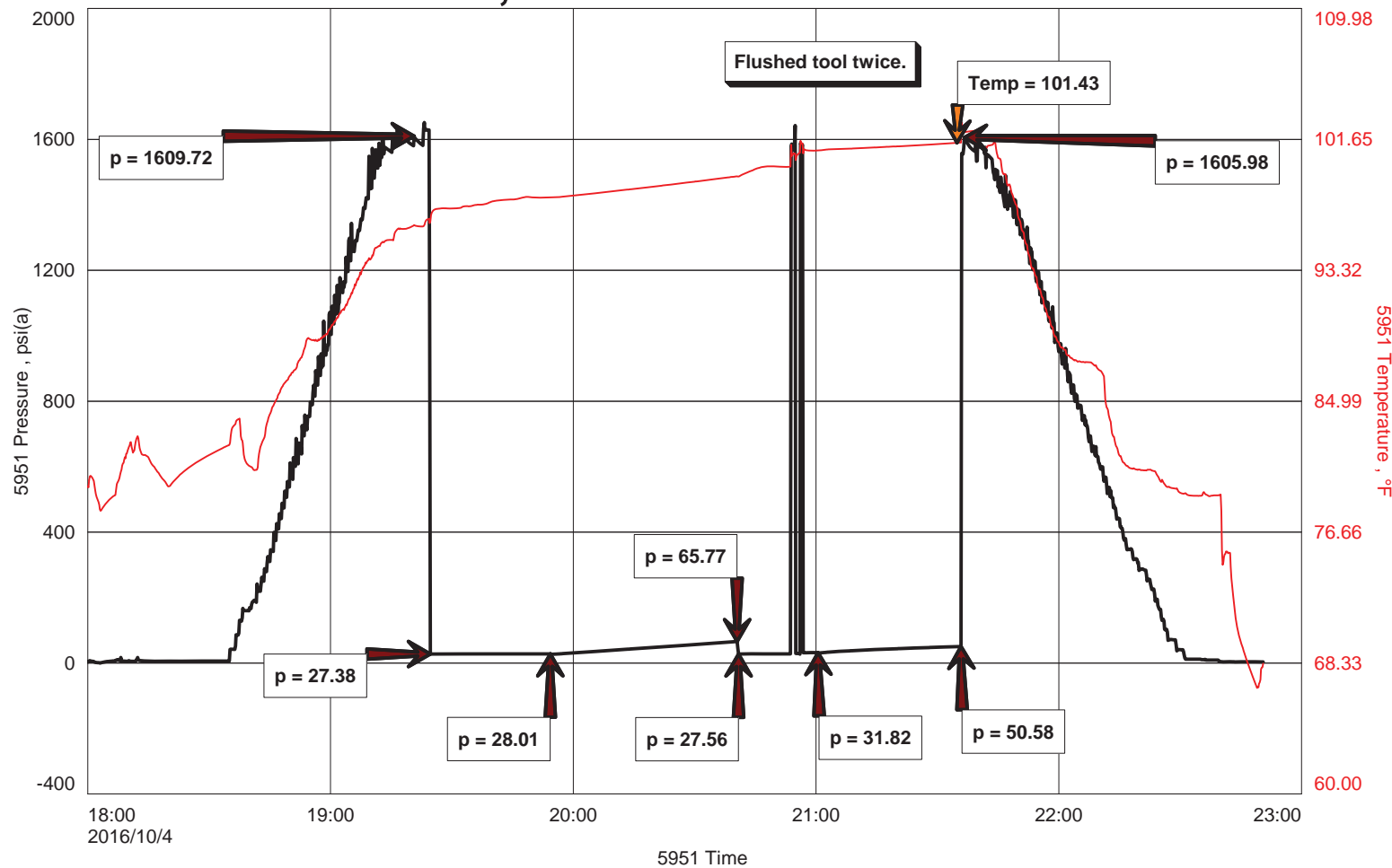
## TEST RESULTS

Initial flow, tool slid 4' to bottom after opening, resulting in a 2" blow. Blow never increased.  
 Final flow, surge blow upon re-opening tool, no blow, flushed tool twice with surge blow both times, no blow.

Recovered 30' of drilling mud.

TOOL WAS NOT PLUGGED

## FURY FARMS #1, DST #3 KANSAS CITY 3254'-3278'







**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: FURY1DST4

TIME ON: 19:07  
TIME OFF: 01:24

Company RJM Company Lease & Well No. Fury Farms #1  
Contractor Southwind Drlg Rig #3 Charge to RJM Company  
Elevation 1898' KB Formation Arbuckle Effective Pay \_\_\_\_\_ Ft. Ticket No. F445  
Date 10-4-16 Sec. 13 Twp. \_\_\_\_\_ 19s S Range 13w W County Barton State KANSAS  
Test Approved By Wyatt Urban Diamond Representative Jake Fahrenbruch

Formation Test No. 4 Interval Tested from 3416 ft. to 3490 ft. Total Depth 3490 ft.  
Packer Depth 3411 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 3416 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3420 ft. Recorder Number 5951 Cap. 5000 P.S.I.  
Bottom Recorder Depth (Outside) 3421 ft. Recorder Number 5584 Cap. 5000 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEMICAL Viscosity 48 (1# LCM) Drill Collar Length 0 ft. I.D. 2 1/4 in.  
Weight 9.4 Water Loss 9.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 6,000 P.P.M. Drill Pipe Length 3,396 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number \_\_\_\_\_ Test Tool Length 20 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? NO Reversed Out NO Anchor Length 74 ft. Size 4 1/2-FH in.  
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. 62' DP in anchor Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Blow increased to BOB in 22 minutes 15 seconds. No blowback.  
2nd Open: Blow increased to BOB in 33 minutes. No blowback.

Recovered 90 ft. of Clean Oil 100% oil  
Recovered 120 ft. of GCOM 10% gas, 40% oil, 50% mud  
Recovered 60 ft. of HGCOCM 20% gas, 10% oil, 70% mud

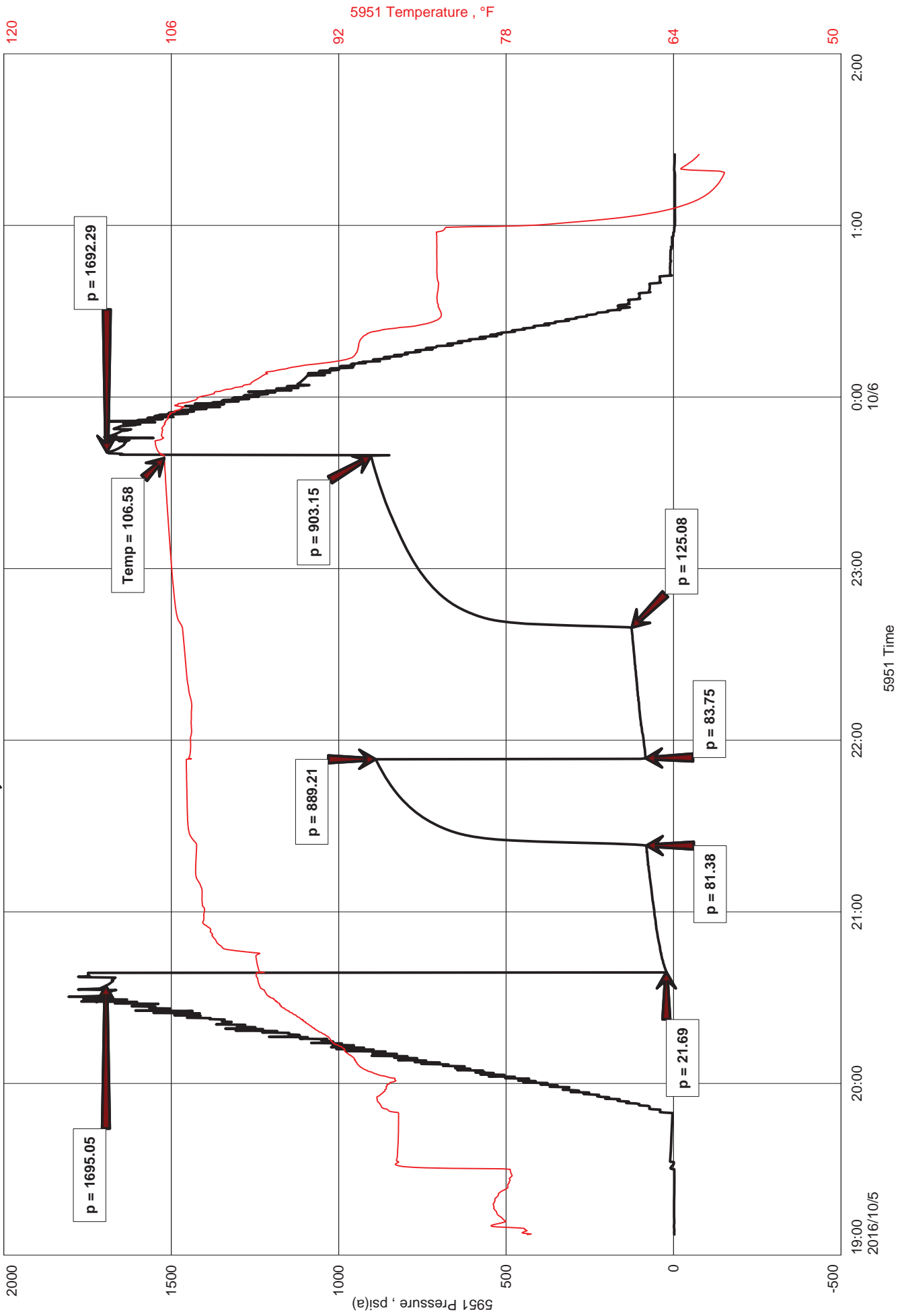
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Recovered _____ ft. of _____	Insurance
Remarks: <u>TOTAL RECOVERED FLUID: 270'</u> <u>32 gravity oil @ 60 F</u>	Total

Time Set Packer(s) 20:38 A.M. P.M. Time Started Off Bottom 23:38 A.M. P.M. Maximum Temperature 107 F

Initial Hydrostatic Pressure..... (A) 1695 P.S.I.  
Initial Flow Period..... Minutes 45 (B) 22 P.S.I. to (C) 81 P.S.I.  
Initial Closed In Period..... Minutes 30 (D) 889 P.S.I.  
Final Flow Period..... Minutes 45 (E) 84 P.S.I. to (F) 125 P.S.I.  
Final Closed In Period..... Minutes 60 (G) 903 P.S.I.  
Final Hydrostatic Pressure..... (H) 1692 P.S.I.

Diamond Testing shall not be liable for damages of any kind to 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 statement or opinion concerning the result 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.

# FURY FARMS #1, DST #4 ARBUCKLE 3416'-3490'





**DIAMOND TESTING**  
 P.O. Box 157  
 HOISINGTON, KANSAS 67544  
 (800) 542-7313  
**DRILL-STEM TEST TICKET**  
 FILE: FURY1DST4

ON LOCATION:	_____
START RECORDERS:	<u>1907</u>
STOP RECORDERS:	<u>0124</u>

Company RJM COMPANY Lease & Well No. FURY FARMS #1  
 Contractor SOUTHWIND DRLLG RIG #3 Charge to RJM COMPANY  
 Elevation 1898' NB Formation ARBUCKLE Effective Pay \_\_\_\_\_ Ft. Ticket No. F445  
 Date 10-5-16 Sec. 13 Twp. 19S Range 13W County BARTON State KANSAS  
 Test Approved By WYATT URBAN Diamond Representative JAKE FAHRENBRUCH

Formation Test No. 4 Interval Tested from 3416 ft. to 3490 ft. Total Depth 3490 ft.  
 Packer Depth 3411 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
 Packer Depth 3416 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
 Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3420 ft. Recorder Number 5951 Cap. 5000 P.S.I.  
 Bottom Recorder Depth (Outside) 3421 ft. Recorder Number 5584 Cap. 5000 P.S.I.  
 Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEMICAL Viscosity 48 (1\*LCM) Drill Collar Length \_\_\_\_\_ ft. I.D. 2 1/4 in.  
 Weight 9.4 Water Loss 9.2 cc. Weight Pipe Length \_\_\_\_\_ ft. I.D. 2 7/8 in.  
 Chlorides 6000 P.P.M. Drill Pipe Length 3396 ft. I.D. 3 1/2 in.  
 Jars: Make STERLING Serial Number \_\_\_\_\_ Test Tool Length 20 ft. Tool Size 3 1/2-IF in.  
 Did Well Flow? \_\_\_\_\_ Reversed Out \_\_\_\_\_ Anchor Length 74 ft. Size 4 1/2-FH in.  
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2" XH in. 62' DP IN ANCHOR Surface Choke Size \_\_\_\_\_ in. Bottom Choke Size 5/8 in.

Blow: 1st Open: BLOW INCREASED TO B.O.B. IN 22 1/4 MINUTES. NO BLOWBACK.  
 2nd Open: BLOW INCREASED TO B.O.B. IN 33 MINUTES. NO BLOWBACK.

Recovered 90 ft. of CLEAN OIL 100% OIL  
 Recovered 120 ft. of GCOM 10" GAS, 40" OIL, 50" MUD  
 Recovered 60 ft. of HGC OCM 20" GAS, 10" OIL, 70" MUD

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>TOTAL RECOVERED FLUID: 270'</u> <u>GRAVITY: 32 @ 60°F</u>	
	Total

Time Set Packer(s) 20:38 A.M. P.M. Time Started Off Bottom 23:38 A.M. P.M. Maximum Temperature 107°F

Initial Hydrostatic Pressure..... (A) 1695 P.S.I.  
 Initial Flow Period..... Minutes 45 (B) 22 P.S.I. to (C) 81 P.S.I.  
 Initial Closed In Period..... Minutes 30 (D) 889 P.S.I.  
 Final Flow Period..... Minutes 45 (E) 84 P.S.I. to (F) 125 P.S.I.  
 Final Closed In Period..... Minutes 60 (G) 903 P.S.I. THANKS!  
 Final Hydrostatic Pressure..... (H) 1692 P.S.I. Jake Fahrenbruch

Diamond Testing shall not be liable for damages of any kind to 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 statement or opinion concerning the result 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.

# DIAMOND TESTING GENERAL REPORT

**Jake Fahrenbruch, Tester**

Cell: (620) 282-8977 / Office: (800) 542-7313



## TEST INFORMATION

<b>Well Name</b>	Fury Farms #1
<b>Company Name</b>	RJM Company
<b>Formation</b>	DST #4 Arbuckle 3416'-3490'
<b>Test Type</b>	Bottom-Hole
<b>Surface Location</b>	Sec 13-19s-19w-Barton Co.-KS
<b>KB Elevation (SL)</b>	1898.000
<b>Gauge Name</b>	5951
<b>Start Test Date</b>	2016/10/05
<b>Start Test Time</b>	19:07:00
<b>Final Test Date</b>	2016/10/06
<b>Final Test Time</b>	01:24:00
<b>Job Number</b>	F445
<b>Contact</b>	Brad Miller
<b>Site Contact</b>	Wyatt Urban

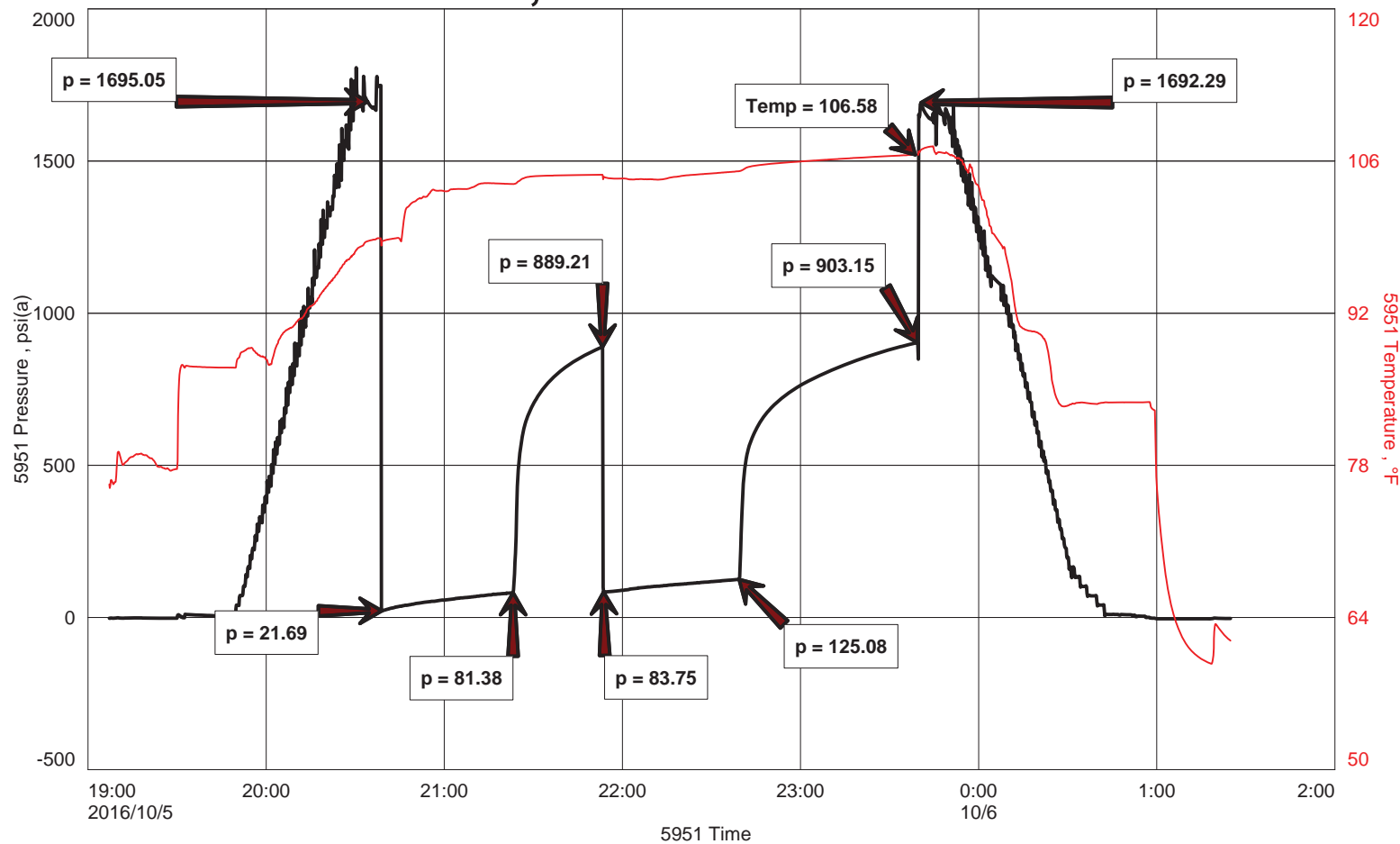
## TEST RESULTS

Initial flow, blow increased to BOB in 22 minutes 15 seconds. No blowback.  
 Final flow, blow increased to BOB in 33 minutes. No blowback.

**TOTAL RECOVERED FLUID: 270'**

90'	Clean Oil	100% oil
120'	GCOM	10% gas, 40% oil, 50% mud
60'	HGCOM	20% gas, 10% oil, 70% mud
----	32 gravity oil @ 60 Deg F	

## FURY FARMS #1, DST #4 ARBUCKLE 3416'-3490'



## GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "Quality" shall mean Quality Oilwell Cementing, Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

TERMS: Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "QUALITY" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "QUALITY," refunded directly to "CUSTOMER." For purposes of this paragraph, QUALITY and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

ATTORNEY FEES: In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the term of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limited to, a reasonable sum as and attorney's fees.

PRICES AND TAXES: All merchandise listed in "QUALITY'S" current price schedule are F.O.B. QUALITY'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by QUALITY shall be added to the quoted prices charged to CUSTOMER.

TOWING CHARGES: QUALITY will make a reasonable attempt to get to and from each job site using its own equipment. Should QUALITY be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by QUALITY, will be charged to and paid by CUSTOMER.

PREPARATION CHARGES: If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay QUALITY for the expenses incurred by QUALITY as a result of the cancellation.

DEADHAUL CHARGES: Unless otherwise specified on the front of this Contract, a deadhaul charge as set forth in QUALITY'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

SERVICE CONDITIONS AND LIABILITIES: 1. QUALITY carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond QUALITY'S control, QUALITY shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless QUALITY, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with QUALITY'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of QUALITY or its employees.

2. With respect to any of QUALITY'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to QUALITY at the landing, CUSTOMER shall either recover the lost item without cost to QUALITY or reimburse QUALITY the current replacement cost of the item unless the loss or damage results from the sole negligence of QUALITY or its employees.

3. QUALITY does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

WARRANTIES: 1. QUALITY warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. QUALITY'S obligation under this warranty is expressly limited to repair replacement, or allowance for credit, at its option, for any merchandise which is determined by QUALITY to be defective. THIS IS THE SOLE WARRANTY OF QUALITY AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and QUALITY shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be construed as a warranty by QUALITY of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by QUALITY or any interpretation of test, meter readings, chart information, analysis or research, or recommendations made by QUALITY, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of QUALITY or its employees in the preparation or furnishing of such facts, information or data.

(C) Work done by QUALITY shall be under the direct supervision and control of the CUSTOMER or his agent and QUALITY will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 1788

Date	9-30-16	Sec.	13	Twp.	19	Range	13	County	Barton	State	KS	On Location		Finish	8:00 a.m.
								Location	Barton College 1/2E 1/4 SE 1/4						

Lease	Fury Farms	Well No.		Owner		
Contractor	Southwest #3				To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.	
Type Job	Surface				Charge To	R.S.M.
Hole Size	12 1/4	T.D.	320	Street		
Csg.	8 5/8	Depth	320	City		
Tbg. Size		Depth		State		
Tool		Depth		The above was done to satisfaction and supervision of owner agent or contractor.		
Cement Left in Csg.	15'	Shoe Joint		Cement Amount Ordered	180 60/40 3-1/2 2-1/2 Gel	
Meas Line		Displace	19 1/4 BBL			

**EQUIPMENT**

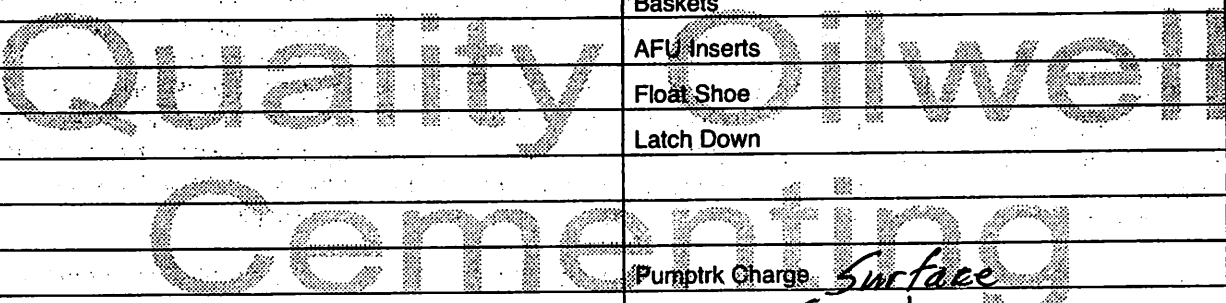
Pumptrk	5	No.	Cementer Helper	Common	108
Bulktrk		No.	Driver	Poz. Mix	72
Bulktrk	9	No.	Driver	Gel.	3
			Driver	Calcium	7

**JOB SERVICES & REMARKS**

Remarks:		Hulls	
Rat Hole		Salt	
Mouse Hole		Flowseal	
Centralizers		Kol-Seal	
Baskets		Mud CLR 48	
D/V or Port Collar		CFL-117 or CD110 CAF 38	
8 5/8 on bottom. Est Circulation.		Sand	
Mix 180 60/40 + Displace		Handling	190
		Mileage	

**FLOAT EQUIPMENT**

		Guide Shoe	8 5/8 gauge
		Centralizer	
		Baskets	
		AFU Inserts	
		Float Shoe	
		Latch Down	



		Pumptrk Charge	Surface
		Mileage	15 (Mim)
		Tax	
		Discount	
		Total Charge	
X Signature	Jay Price		

**DEFINITIONS:** In these terms and conditions, "Quality" shall mean Quality Oilwell Cementing, Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

**TERMS:** Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "QUALITY" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "QUALITY," refunded directly to "CUSTOMER." For purposes of this paragraph, QUALITY and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

**ATTORNEY FEES:** In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the term of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limit to, a reasonable sum as and attorney's fees.

**PRICES AND TAXES:** All merchandise listed in "QUALITY'S" current price schedule are F.O.B. QUALITY'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by QUALITY shall be added to the quoted prices charged to CUSTOMER.

**TOWING CHARGES:** QUALITY will make a reasonable attempt to get to and from each job site using its own equipment. Should QUALITY be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by QUALITY, will be charged to and paid by CUSTOMER.

**PREPARATION CHARGES:** If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay QUALITY for the expenses incurred by QUALITY as a result of the cancellation.

**DEADHAUL CHARGES:** Unless otherwise specified on the front of this Contract, a deadhaul charges as set forth in QUALITY'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

**SERVICE CONDITIONS AND LIABILITIES:** 1. QUALITY carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond QUALITY'S control, QUALITY shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless QUALITY, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with QUALITY'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of QUALITY or its employees.

2. With respect to any of QUALITY'S tools, equipment, or instruments which are lost in-the-well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to QUALITY at the landing, CUSTOMER shall either recover the lost item without cost to QUALITY or reimburse QUALITY the current replacement cost of the item unless the loss or damage results from the sole negligence of QUALITY or its employees.

3. QUALITY does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

**WARRANTIES:** 1. QUALITY warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. QUALITY'S obligation under this warranty is expressly limited to repair replacement, or allowance for credit, at its option, for any merchandise which is determined by QUALITY to be defective. THIS IS THE SOLE WARRANTY OF QUALITY AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and QUALITY shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be constructed as a warranty by QUALITY of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by QUALITY or any interpretation of test, meter readings, chart information, analysis or research, or recommendations made by QUALITY, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of QUALITY or its employees in the preparation or furnishing of such facts, information or data. (C) Work done by QUALITY shall be under the direct supervision and control of the CUSTOMER or his agent and QUALITY will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 3020

Date	10-6-16	Sec.	13	Twp.	19	Range	13	County	Barton	State	Ks	On Location		Finish	8:00 p.m.	
Lease	Fury Farms							Well No.	#1	Owner	EIS					
Contractor	Southwind #3							To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.								
Type Job	Long string							T.D.	3490'	Charge To	RJM Company					
Hole Size	7 7/8"							Depth	<del>3483'</del> 3483'	Street	Barton County College, 1/2 E, 1/4 S					
Csg.	New 5 1/2" 15.50#							Tbg. Size		City	State					
Tool								Depth		The above was done to satisfaction and supervision of owner agent or contractor.						
Cement Left in Csg.	42.33'							Shoe Joint	42.33'	Cement Amount Ordered	180 Com 10% Salt 5% Gilsomite					
Meas Line	Displace <del>700</del> BLS							500 gal mud	Clear 48							
<b>EQUIPMENT</b>								8 1 3/4	Common	180						
Pumptrk	18	No.	Cementer	Rick				Helper	Poz. Mix							
Bulktrk	14	No.	Driver	Brett				Driver	Gel.							
Bulktrk	p.u.	No.	Driver	Shane				Driver	Calcium							
<b>JOB SERVICES &amp; REMARKS</b>								<b>FLOAT EQUIPMENT</b>								
Remarks:								Hulls								
Rat Hole								Salt	14							
Mouse Hole								Flowseal								
Centralizers	1-9							Kol-Seal	800#							
Baskets	2 + 6							Mud CLR 48	500 gal							
D/V or Port Collar	Pipe on bottom break							CFL-117 or CD110 CAF 38								
Circulation pump	500 gal mud							Sand								
Clear 48 plug	Rathole w/ 30 s							Handling	197							
Cement casing	w/ 150 sx, shut							Mileage								
down & washed pump + lines								<b>FLOAT EQUIPMENT</b>								
Released plug + Displaced								Guide Shoe								
w/ <del>700</del> BLS, Released + held.								Centralizer	9							
8 1 3/4								Baskets	2							
Lift pressure 750 psi #								AFU Inserts								
Land plug to 1500 psi #								Float Shoe	1							
								Latch Down	1							
								Rotating head								
								Pumptrk Charge	Prod String							
								Mileage	15 min							
												Tax				
												Discount				
												Total Charge				
X Signature	Guy Davis															