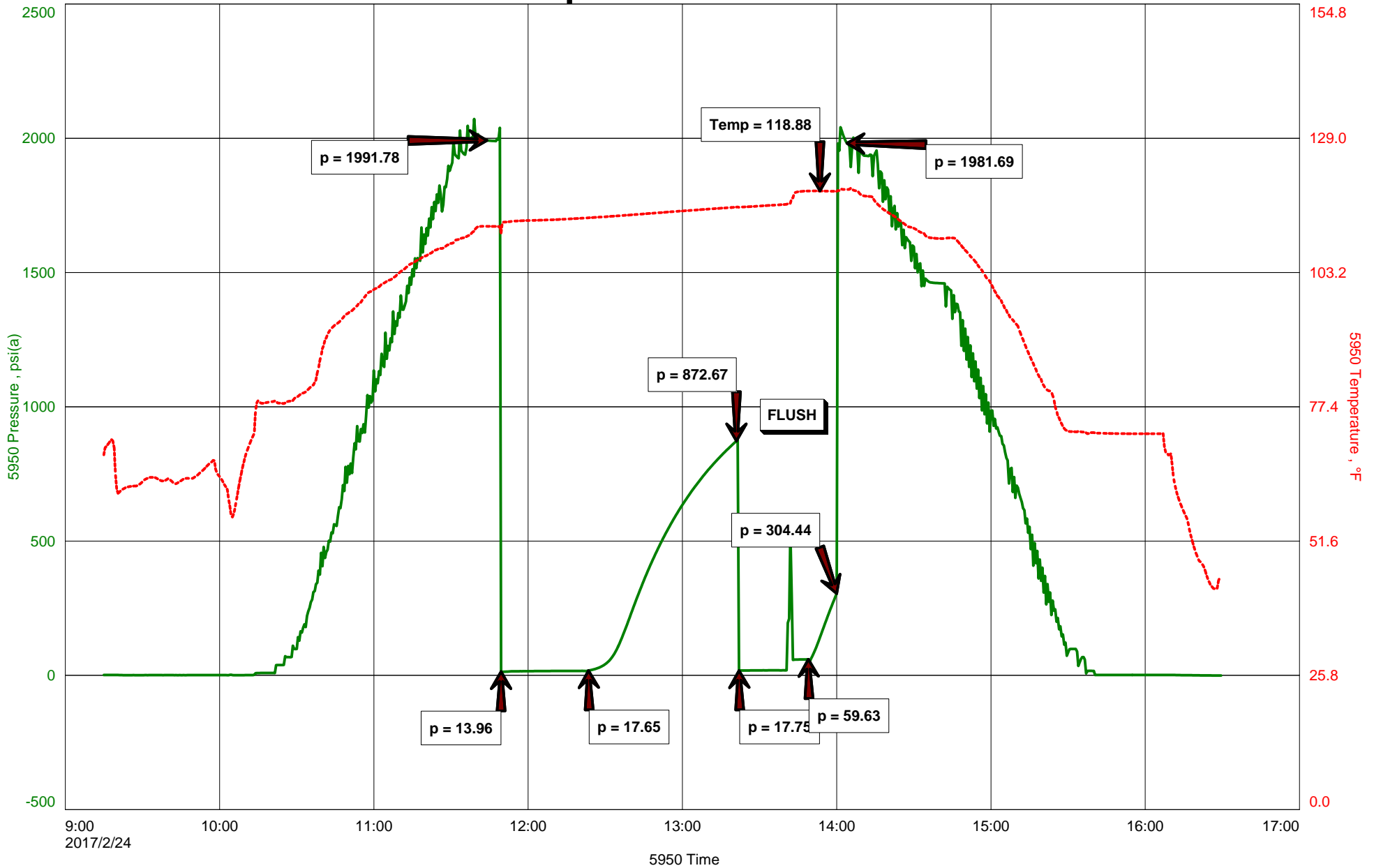


# Carpenter Trust #1-9



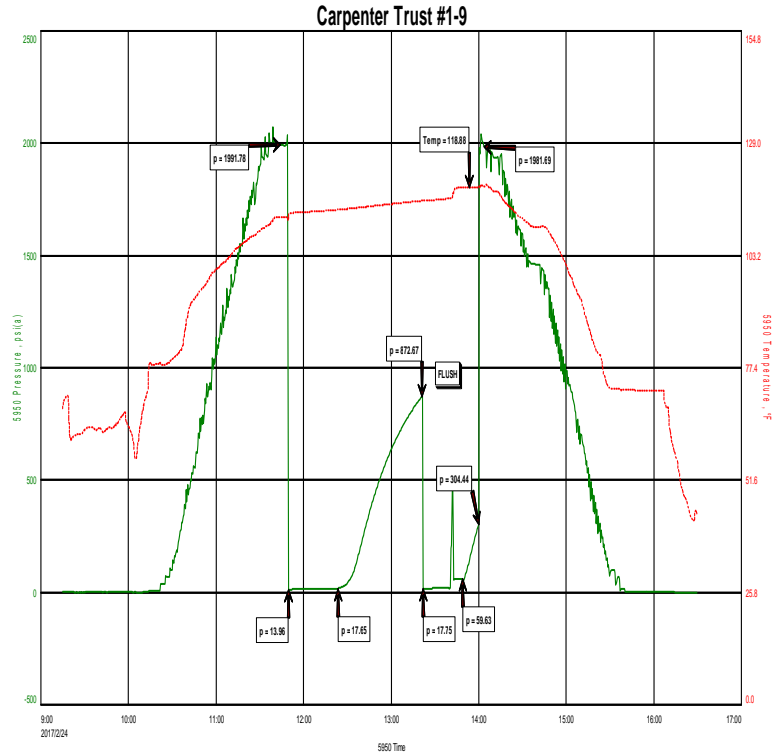


**Hoisington, Kansas**

**Michael Carroll**  
**620-617-0368**  
**carroll.dtlc@gmail.com**

**General Information**

<b>Company Name</b>	Gulf Exploration LLC
<b>Contact</b>	Pat McGraw
<b>Well Name</b>	Carpenter Trust #1-9
<b>Unique Well ID</b>	Dst #1 Topeka/Lans A 4182-4248'
<b>Surface Location</b>	Sec 9-7s-36w Thomas County
<b>Field</b>	Wildcat
<b>Well Type</b>	Vertical
<b>Test Type</b>	Drill Stem Test
<b>Well Operator</b>	Gulf Exploration LLC
<b>Formation</b>	Dst #1 Topeka/Lans A 4182-4248'
<b>Well Fluid Type</b>	01 Oil
<b>Test Purpose</b>	Initial Test
<b>Start Test Date</b>	2017/02/24
<b>Start Test Time</b>	09:15:00
<b>Final Test Time</b>	16:30:00
<b>Job Number</b>	P0165
<b>Report Date</b>	2017/02/24
<b>Prepared By</b>	Michael Carroll



**TEST RECOVERY**

**Remarks** Recovery: 75' Mud 100%M  
 Total Fluid: 75'  
 Sampler Recovery: 4000 ML Mud  
 PSI: 200



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: CARPENTERTRUST#1-9DST#1

TIME ON: 0915  
TIME OFF: 1630

Company GULF EXPLORATION LLC Lease & Well No. CARPENTER TRUST #1-9  
Contractor MURFIN DRLG RIG 7 Charge to GULF EXPLORATION LLC  
Elevation 3384KB Formation TOPEKA/LANS A Effective Pay \_\_\_\_\_ Ft. Ticket No. P0165  
Date 2-24-17 Sec. 15 Twp. \_\_\_\_\_ 7 S Range \_\_\_\_\_ 35 W County THOMAS State KANSAS  
Test Approved By KEITH REAVIS Diamond Representative Michael Carroll

Formation Test No. 1 Interval Tested from 4182 ft. to 4248 ft. Total Depth 4248 ft.  
Packer Depth 4176 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 4182 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_  
Top Recorder Depth (Inside) 4166 ft. Recorder Number 5950 Cap. 5000 P.S.I.  
Bottom Recorder Depth (Outside) 4219 ft. Recorder Number 0230 Cap. 5000 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type Chem Viscosity 55 Drill Collar Length 187 ft. I.D. 2 1/4 in.  
Weight 8.7 Water Loss 12.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 2900 P.P.M. Drill Pipe Length 3958 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number 11 Test Tool Length 37 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? NO Reversed Out NO Anchor Length 66(34.5A) 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: WSB-BUILT TO 3/4" IN 30 MINUTES NOBB  
2nd Open: NO BLOW-NO BUILD(FLUSHED TOOL@20 MINUTES)LOST PACKER SEAT-STRONG BLOW BLED OFF-NO BLOW NOBB

Recovered 75 ft. of MUD 100%M  
Recovered 75 ft. of TOTAL FLUID  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>SAMPLER RECOVERY: 4000 ML MUD</u>	Insurance
<u>PSI: 200</u>	Total

Time Set Packer(s) 11:50 A.M. A.M. P.M. Time Started Off Bottom 1:58 P.M. A.M. P.M. Maximum Temperature 119

Initial Hydrostatic Pressure..... (A) 1992 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 14 P.S.I. to (C) 18 P.S.I.  
Initial Closed In Period..... Minutes 60 (D) 873 P.S.I.  
Final Flow Period..... Minutes 28 (E) 18 P.S.I. to (F) 60 P.S.I.  
Final Closed In Period..... Minutes 10 (G) 304 P.S.I.  
Final Hydrostatic Pressure..... (H) 1982 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.