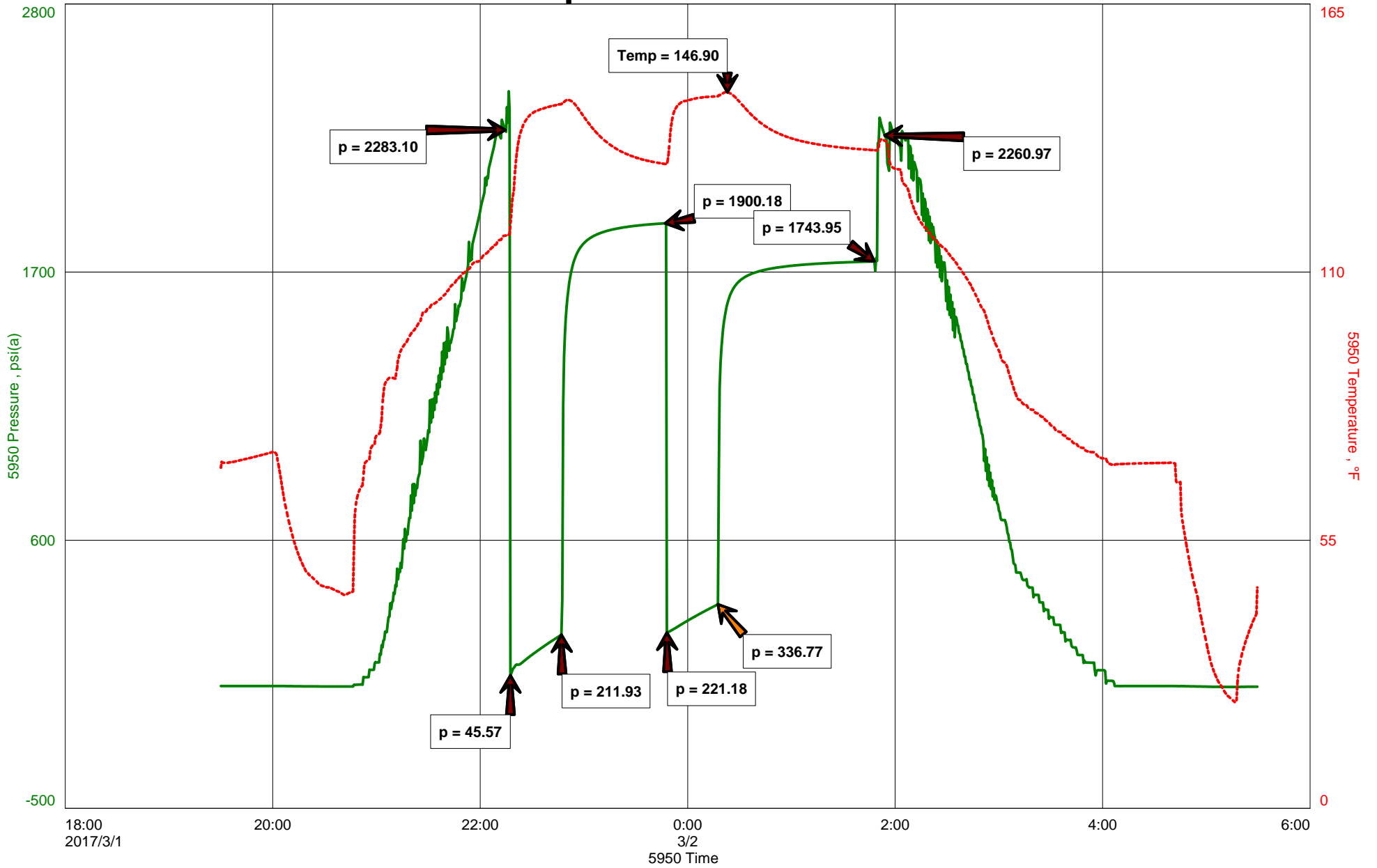


# Carpenter Trust #1-9





**Hoisington, Kansas**

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

**General Information**

**Company Name** Gulf Exploration LLC

**Contact** Pat McGraw

**Well Name** Carpenter Trust #1-9

**Unique Well ID** Dst #7 Cherokee 4700-4752'

**Surface Location** Sec 9-7s-36w Thomas County

**Field** Wildcat

**Well Type** Vertical

**Test Type** Drill Stem Test

**Well Operator** Gulf Exploration LLC

**Formation** Dst #7 Cherokee 4700-4752'

**Well Fluid Type** 01 Oil

**Test Purpose** Initial Test

**Start Test Date** 2017/03/01

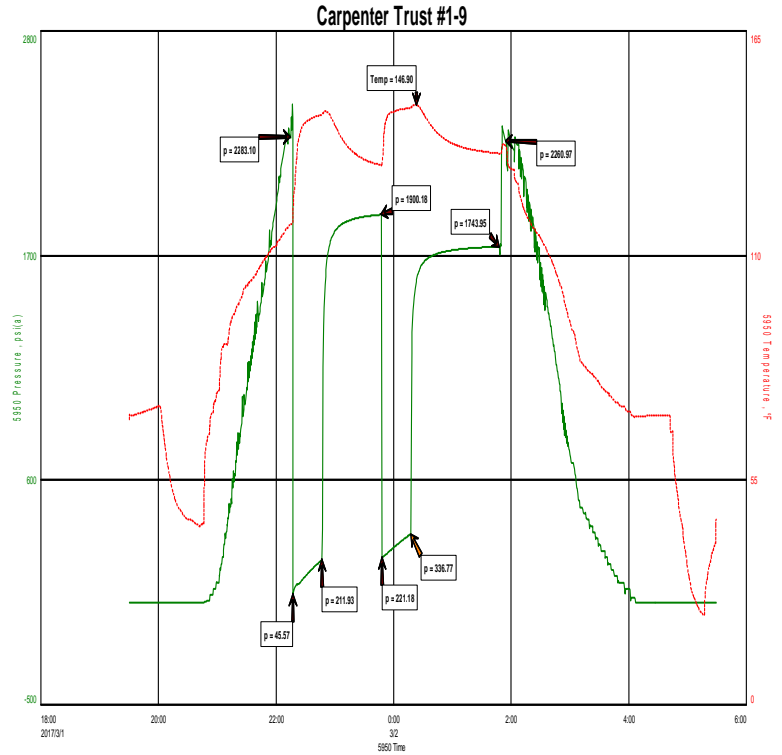
**Start Test Time** 19:30:00

**Final Test Time** 05:30:00

**Job Number** P0171

**Report Date** 2017/03/01

**Prepared By** Michael Carroll



**TEST RECOVERY**

**Remarks** Recovery: 441' Gas In Pipe

880' Clean Oil Gravity 27 @ 60 Degrees

63' GCMCO 15%G 70%O 15%M

**Total Fluid:** 943'

**Sampler Recovery:** 4000ML Gassy Oil  
**PSI:** 380



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: CARPENTERTRUST#1-9DST#7

TIME ON: 1930 3-01  
TIME OFF: 0530 3-02

Company GULF EXPLORATION LLC Lease & Well No. CARPENTER TRUST #1-9  
Contractor MURFIN DRLG RIG 7 Charge to GULF EXPLORATION LLC  
Elevation 3384KB Formation CHEROKEE Effective Pay \_\_\_\_\_ Ft. Ticket No. P0171  
Date 3-01-17 Sec. 9 Twp. 7 S Range 36 W County THOMAS State KANSAS  
Test Approved By KEITH REAVIS Diamond Representative Michael Carroll

Formation Test No. 7 Interval Tested from 4700 ft. to 4752 ft. Total Depth 4752 ft.  
Packer Depth 4694 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 4700 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 4684 ft. Recorder Number 5950 Cap. 5000 P.S.I.  
Bottom Recorder Depth (Outside) 4737 ft. Recorder Number 0230 Cap. 5000 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type Chem Viscosity 57 Drill Collar Length 187 ft. I.D. 2 1/4 in.  
Weight 9.1 Water Loss 9.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 3100 P.P.M. Drill Pipe Length 4476 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 52(20.5A) 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: 1/2" BLOW-BUILT TO BOB IN 5 MINUTES 15 SECONDS 5"BB  
2nd Open: 1/2" BLOW-BUILT TO BOB IN 9 MINUTES 45 SECONDS 7"BB

Recovered 441 ft. of GAS IN PIPE  
Recovered 880 ft. of CLEAN OIL GRAVITY 27 @ 60 DEGREES  
Recovered 63 ft. of GCMCO 15%G 70%O 15%M  
Recovered 943 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>SAMPLER RECOVERY: 4000ML GASSY OIL</u>	Insurance
<u>PSI: 380</u>	Total

Time Set Packer(s) 10:15 P.M. A.M. P.M. Time Started Off Bottom 1:45 A.M. A.M. P.M. Maximum Temperature 147

Initial Hydrostatic Pressure..... (A) 2283 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 46 P.S.I. to (C) 212 P.S.I.  
Initial Closed In Period..... Minutes 60 (D) 1900 P.S.I.  
Final Flow Period..... Minutes 30 (E) 221 P.S.I. to (F) 337 P.S.I.  
Final Closed In Period..... Minutes 90 (G) 1744 P.S.I.  
Final Hydrostatic Pressure..... (H) 2261 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.