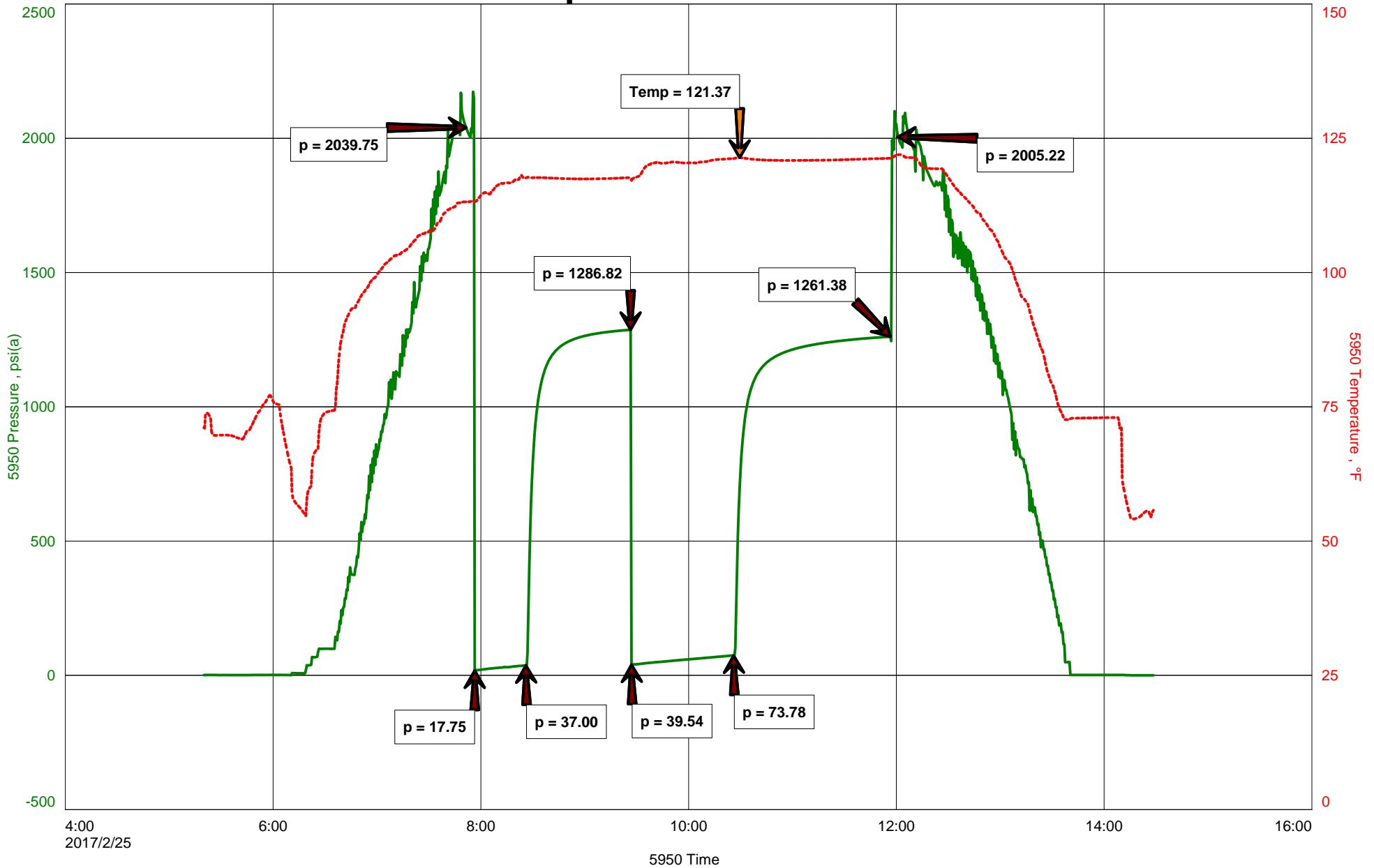


Carpenter Trust #1-9





Hoisington, Kansas

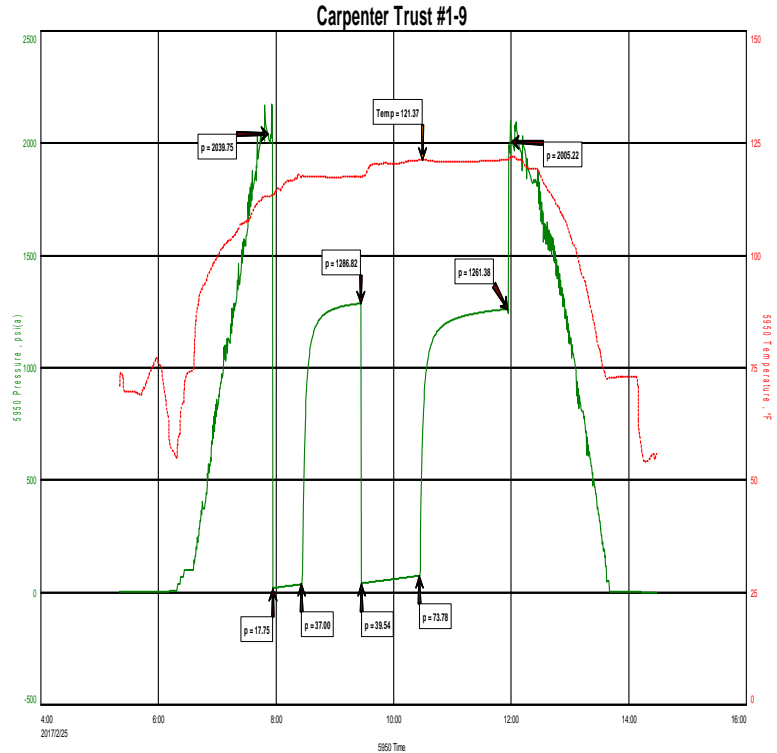
Michael Carroll
620-617-0368
carroll.dtlc@gmail.com

General Information

Company Name Gulf Exploration LLC

Contact	Pat McGraw
Well Name	Carpenter Trust #1-9
Unique Well ID	Dst #2 Lans C-F 4248-4320'
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 #2 Lans C-F 4248-4320'
Well Fluid Type	06 Water
Test Purpose	Initial Test
Start Test Date	2017/02/25
Start Test Time	05:20:00
Final Test Time	14:30:00
Job Number	P0166
Report Date	2017/02/25
Prepared By	Michael Carroll



TEST RECOVERY

Remarks Recovery: 127' WCM 30%W 70%M

Total Fluid: 127'

Sampler Recovery: 500ML Water 3500ML Mud
 PSI: 225

Chlorides 19000 PPM
 RW .45 @ 60 Degrees
 PH 8



DIAMOND TESTING
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: CARPENTERTRUST#1-9DST#2

TIME ON: 0520
 TIME OFF: 1430

Company GULF EXPLORATION LLC Lease & Well No. CARPENTER TRUST #1-9
 Contractor MURFIN DRLG RIG 7 Charge to GULF EXPLORATION LLC
 Elevation 3384KB Formation LANS C-F Effective Pay _____ Ft. Ticket No. P0166
 Date 2-25-17 Sec. 15 Twp. 7 S Range 35 W County THOMAS State KANSAS
 Test Approved By KEITH REAVIS Diamond Representative Michael Carroll

Formation Test No. 2 Interval Tested from 4248 ft. to 4320 ft. Total Depth 4320 ft.
 Packer Depth 4242 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 4248 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
 Top Recorder Depth (Inside) 4232 ft. Recorder Number 5950 Cap. 5000 P.S.I.
 Bottom Recorder Depth (Outside) 4285 ft. Recorder Number 0230 Cap. 5000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 59 Drill Collar Length 187 ft. I.D. 2 1/4 in.
 Weight 9.1 Water Loss 8.9 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 2800 P.P.M. Drill Pipe Length 4024 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 72(40.5A) 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 2 1/2" IN 30 MINUTES NOBB
 2nd Open: WSB-BUILT TO 2 1/2" IN 60 MINUTES NOBB

Recovered 127 ft. of WCM 30%W 70%M CHLORIDES 19000 PPM
 Recovered 127 ft. of TOTAL FLUID RW .45 @ 60 DEGREES
 Recovered _____ ft. of _____ PH 8

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Recovered _____ ft. of _____	Insurance
Remarks: <u>SAMPLER RECOVERY: 500ML WATER 3500ML MUD</u>	
<u>PSI: 225</u>	Total

Time Set Packer(s) 7:55 A.M. A.M. P.M. Time Started Off Bottom 11:55 A.M. A.M. P.M. Maximum Temperature 121

Initial Hydrostatic Pressure..... (A) 2040 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 18 P.S.I. to (C) 37 P.S.I.
 Initial Closed In Period..... Minutes 60 (D) 1287 P.S.I.
 Final Flow Period..... Minutes 60 (E) 40 P.S.I. to (F) 74 P.S.I.
 Final Closed In Period..... Minutes 90 (G) 1261 P.S.I.
 Final Hydrostatic Pressure..... (H) 2005 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.