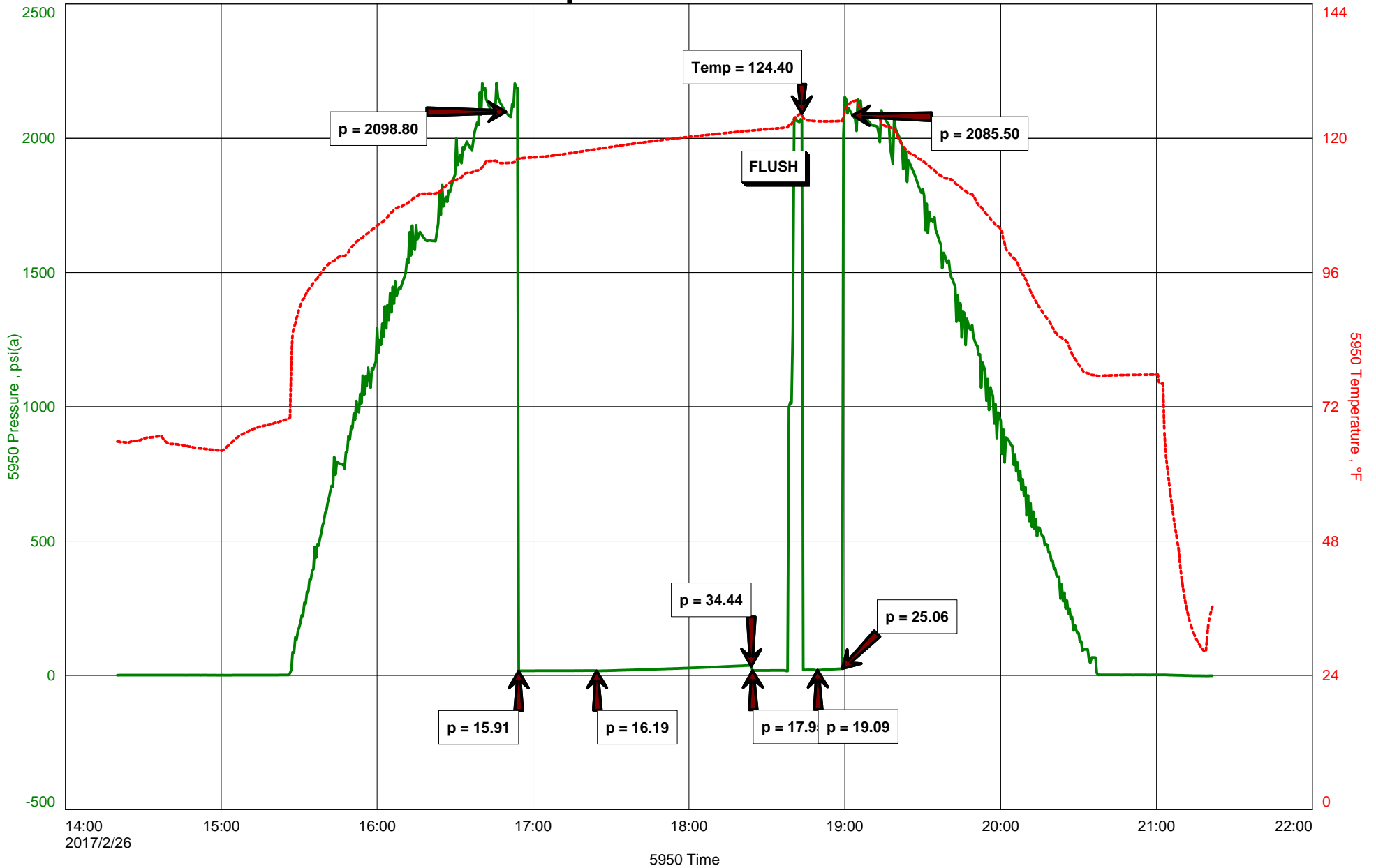


Carpenter Trust #1-9



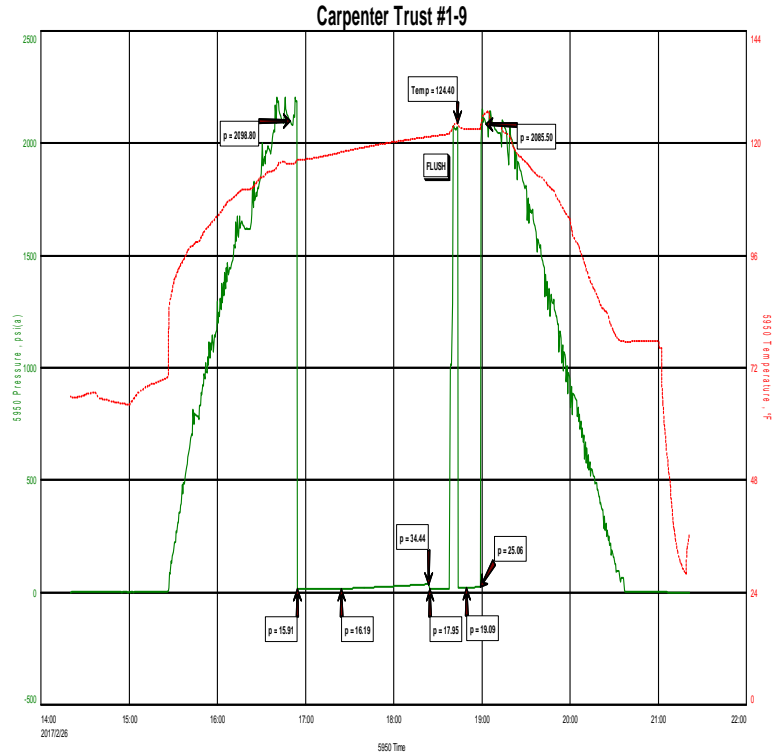


Hoisington, Kansas

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 #3 Lans/KC L&M 4466-4520'
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 #3 Lans/KC L&M 4466-4520'
Well Fluid Type	01 Oil
Test Purpose	Initial Test
Start Test Date	2017/02/26
Start Test Time	14:20:00
Final Test Time	21:20:00
Job Number	P0167
Report Date	2017/02/26
Prepared By	Michael Carroll



TEST RECOVERY

Remarks Recovery: 3' Mud 100%M
 Total Fluid: 3'
 Sampler Recovery: 2000ML Mud
 PSI: 0



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: CARPENTERTRUST#1-9DST#3

TIME ON: 1420
TIME OFF: 2120

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/KC L&M Effective Pay _____ Ft. Ticket No. P0167
Date 2-26-17 Sec. 15 Twp. 7 S Range 35 W County THOMAS State KANSAS
Test Approved By KEITH REAVIS Diamond Representative Michael Carroll

Formation Test No. 3 Interval Tested from 4466 ft. to 4520 ft. Total Depth 4520 ft.
Packer Depth 4460 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4466 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 4450 ft. Recorder Number 5950 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 4503 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 9.0 Water Loss 8.7 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 2700 P.P.M. Drill Pipe Length 4242 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 54(22.5A) 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 1/4" IN 30 MINUTES NOBB
2nd Open: NO BLOW-NO BUILD(FLUSHED TOOL)GOOD SURGE-NO BLOW NOBB

Recovered <u>3</u> ft. of <u>MUD 100%M</u>	Price Job Other Charges Insurance Total
Recovered <u>3</u> ft. of <u>TOTAL FLUID</u>	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Remarks: <u>SAMPLER RECOVERY: 2000ML MUD</u>	
<u>PSI: 0</u>	

Time Set Packer(s) 4:50 P.M. A.M. P.M. Time Started Off Bottom 6:55 P.M. A.M. P.M. Maximum Temperature 124

Initial Hydrostatic Pressure..... (A) 2099 P.S.I.
Initial Flow Period..... Minutes 30 (B) 16 P.S.I. to (C) 16 P.S.I.
Initial Closed In Period..... Minutes 60 (D) 34 P.S.I.
Final Flow Period..... Minutes 25 (E) 18 P.S.I. to (F) 19 P.S.I.
Final Closed In Period..... Minutes 10 (G) 25 P.S.I.
Final Hydrostatic Pressure..... (H) 2086 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.