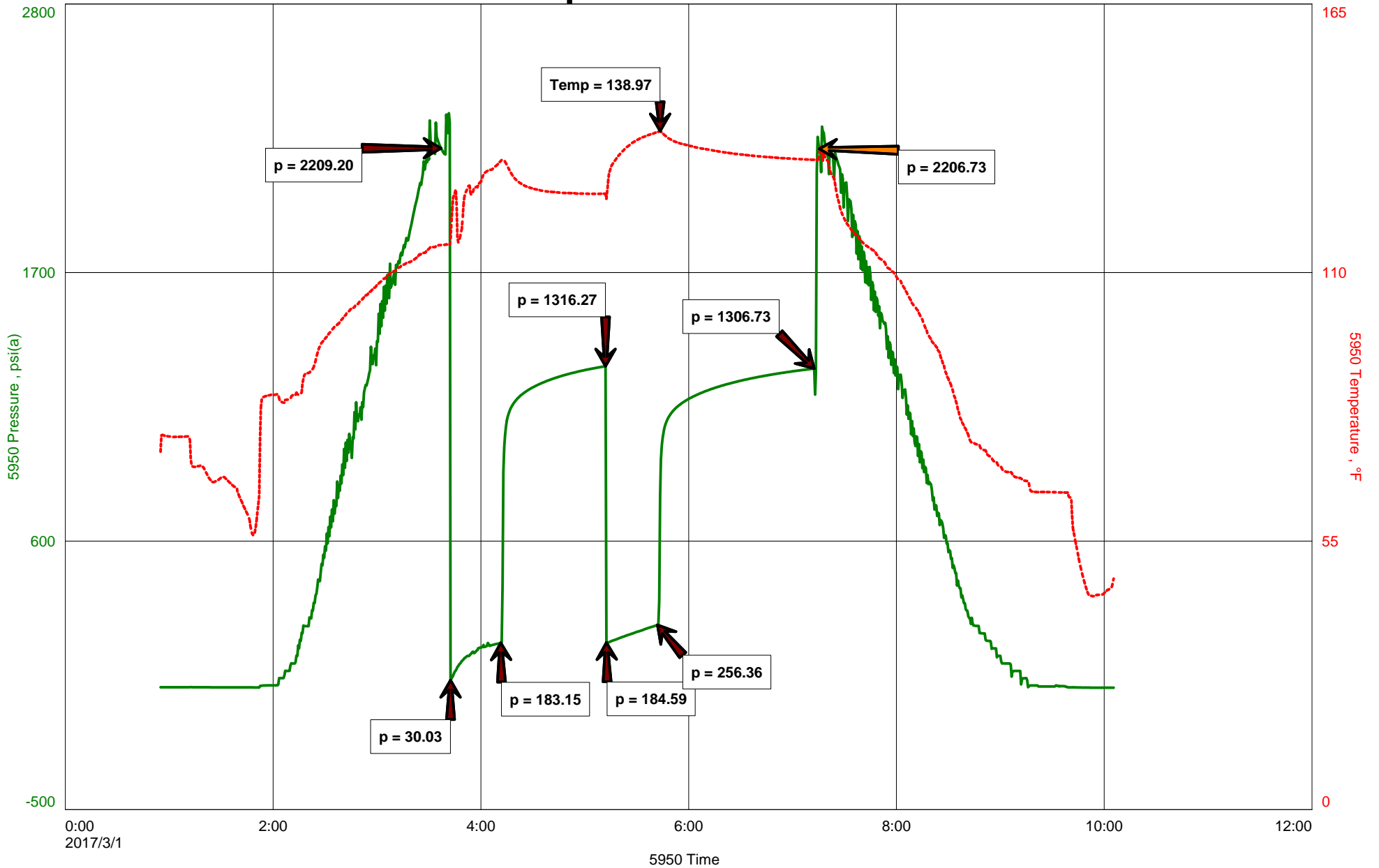


Carpenter Trust #1-9





Hoisington, Kansas

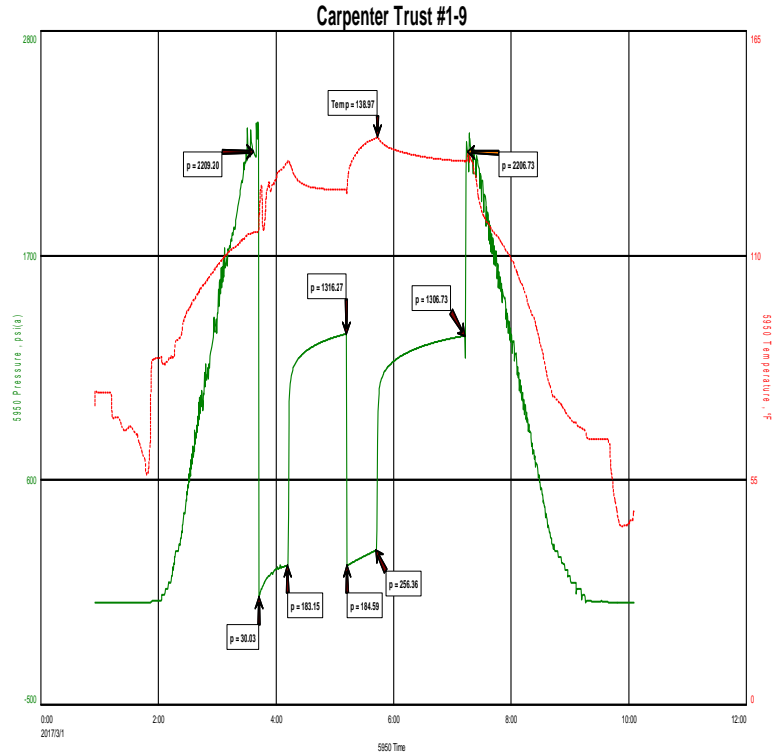
Michael Carroll
620-617-0368
carroll.dtlc@gmail.com

General Information

Company Name Gulf Exploration LLC

Contact Pat McGraw
Well Name Carpenter Trust #1-9
Unique Well ID Dst #6 Ft.Scott/Chero 4635-4695'
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#6 Ft.Scott/Chero 4635-4695'
Well Fluid Type 01 Oil
Test Purpose Initial Test
Start Test Date 2017/03/01
Start Test Time 00:55:00
Final Test Time 10:05:00
Job Number P0170
Report Date 2017/03/01
Prepared By Michael Carroll



TEST RECOVERY

Remarks	Recovery:	98'	Gas In Pipe
		10'	Clean Oil Gravity 25 @ 60 Degrees
		20'	WCHOCM 40%O 10%W 50%M
		189'	GCOCWM 4%G 16%O 20%W 60%M
		63'	SLGCOCMW 2%G 8%O 50%W 40%M
		250'	SLOCMCW 2%O 94%W 4%M

Total Fluid: 532'

Sampler Recovery: 1500ML Oil 2500ML Water
PSI: 260

Chlorides 54000 PPM
RW .26 @ 40 Degrees
PH 7



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: CARPENTERTRUST#1-9DST#6

TIME ON: 0055
TIME OFF: 1005

Company GULF EXPLORATION LLC Lease & Well No. CARPENTER TRUST #1-9
Contractor MURFIN DRLG RIG 7 Charge to GULF EXPLORATION LLC
Elevation 3384KB Formation FT.SCOTT/CHEROKEE Effective Pay _____ Ft. Ticket No. P0170
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. 6 Interval Tested from 4635 ft. to 4695 ft. Total Depth 4695 ft.
Packer Depth 4629 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4635 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4619 ft. Recorder Number 5950 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 4672 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 4411 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 60(28.5A) 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 13 MINUTES NOBB
2nd Open: WSB-BUILT TO BOB IN 22 MINUTES 1/2" BB

Recovered <u>98</u> ft. of <u>GAS IN PIPE</u>	<u>CHLORIDES 54000 PPM</u>
Recovered <u>10</u> ft. of <u>CLEAN OIL GRAVITY 25 @ 60 DEGREES</u>	<u>RW .26 @ 40 DEGREES</u>
Recovered <u>20</u> ft. of <u>WCHO CM 40%O 10%W 50%M</u>	<u>PH 7</u>
Recovered <u>189</u> ft. of <u>GCOCWM 4%G 16%O 20%W 60%M</u>	
Recovered <u>63</u> ft. of <u>SLGCO CMW 2%G 8%O 50%W 40%M</u>	Price Job
Recovered <u>250</u> ft. of <u>SLOCMCW 2%O 94%W 4%M (532 TOTAL FLUID)</u>	Other Charges
Remarks: <u>SAMPLER RECOVERY: 1500ML OIL 2500ML WATER</u>	Insurance
<u>PSI: 260</u>	
<u>DIESEL IN BUCKET</u>	Total

Time Set Packer(s) 3:40 A.M. A.M. P.M. Time Started Off Bottom 7:10 A.M. A.M. P.M. Maximum Temperature 139

Initial Hydrostatic Pressure..... (A) 2209 P.S.I.
Initial Flow Period..... Minutes 30 (B) 30 P.S.I. to (C) 183 P.S.I.
Initial Closed In Period..... Minutes 60 (D) 1316 P.S.I.
Final Flow Period..... Minutes 30 (E) 185 P.S.I. to (F) 256 P.S.I.
Final Closed In Period..... Minutes 90 (G) 1307 P.S.I.
Final Hydrostatic Pressure..... (H) 2207 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.