

DIAMOND TESTING GENERAL REPORT

Jake Fahrenbruch, Tester

Cell: (620) 282-8977 / Office: (800) 542-7313



TEST INFORMATION

Well Name	Farr #2-11
Formation	Fort Scott 4564'-4655'
Surface Location	Sec 11-18s-34w-Scott Co.-KS
Company Name	New Gulf Operating LLC
Test Type	Bottom-Hole DST w/jars & s. jnt.
Gauge Name	Inside 5951
Start Test Date	2014/09/19
Start Test Time	09:12:00
Final Test Date	2014/09/19
Final Test Time	15:23:00
Job Number	F319
Contact	Jim Henkle
Site Contact	John Goldsmith

TEST RESULTS

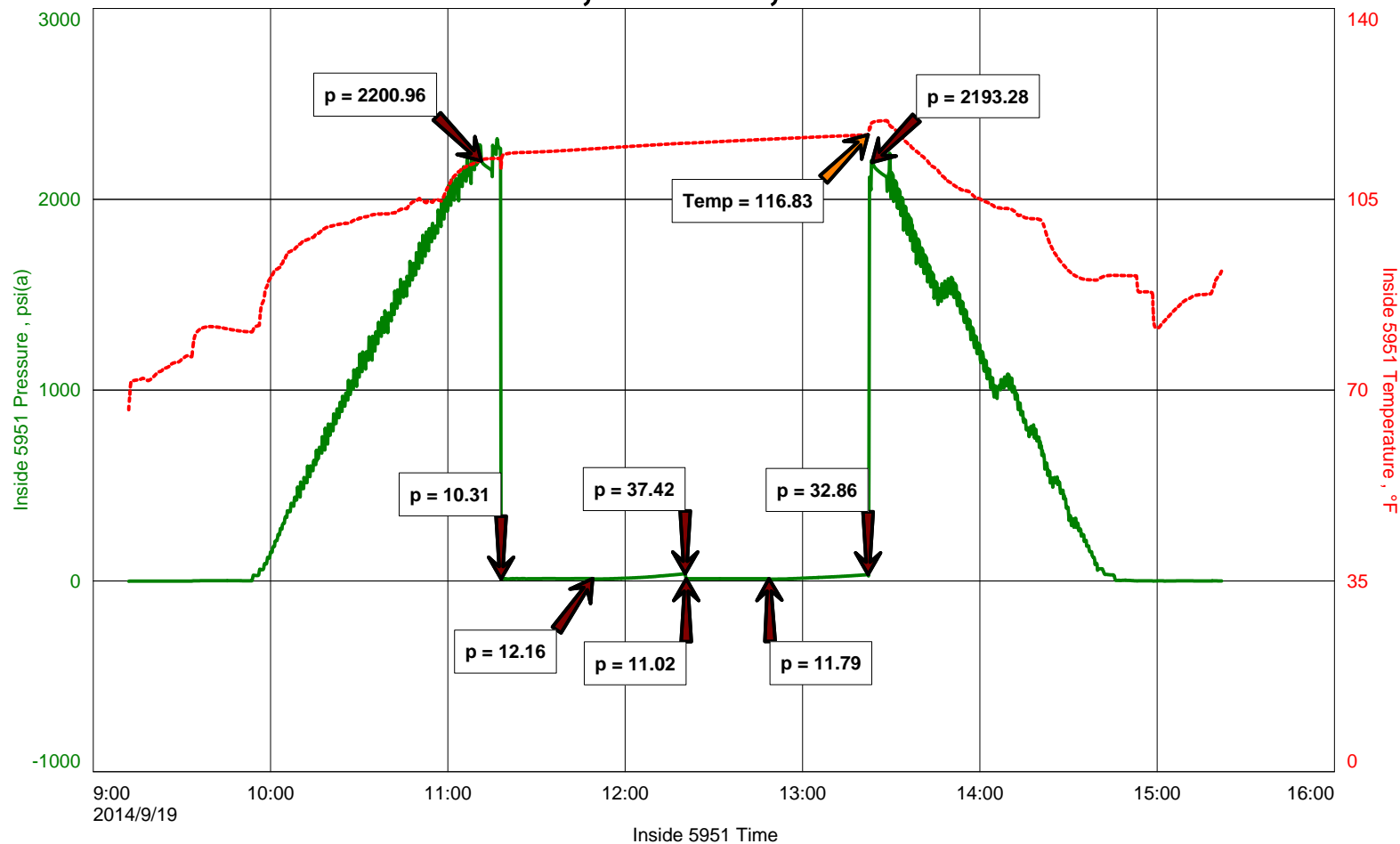
Initial flow, surface blow, increased to .25", blow died in 20 minutes.
Final flow, no blow.

RECOVERED 20' OF DRILLING MUD, 100% mud

New Gulf Operating LLC
Start Test Date: 2014/09/19
Final Test Date: 2014/09/19

Farr #2-11
Formation: Fort Scott 4564'-4655'
Job Number: F319

FARR #2-11, DST #2, FORT SCOTT





DIAMOND TESTING
 P. O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: FARR2DST2

ON LOCATION: 08:56
 START RECORDERS: 09:12
 STOP RECORDERS: 15:23

Company NEW GULF OPERATING LLC Lease & Well No. FARR #2-11
 Contractor VAL ENERGY REG #4 Charge to NEW GULF OPERATING LLC
 Elevation 3119' KB Formation FORT SCOTT Effective Pay _____ Ft. Ticket No. F319
 Date 9-19-14 Sec. 11 Twp. 18S Range 34W County SCOTT State KANSAS
 Test Approved By JOHN GOLDSMITH Diamond Representative JAKE FAHRENBRUCH

Formation Test No. 2 Interval Tested from 4564 ft. to 4655 ft. Total Depth 4655 ft.
 Packer Depth 4559 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 4564 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4542 ft. Recorder Number 5951 Cap. 5000 P.S.I.
 Bottom Recorder Depth (Outside) 4631 ft. Recorder Number 5584 Cap. 5000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 50 (1"CM) Drill Collar Length 62 ft. I.D. 2 1/4 in.
 Weight 9.3 Water Loss 8.8 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
 Chlorides 6600 P.P.M. Drill Pipe Length 4469 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number #5 J & S. JNT. Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 91 ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2" XH in. 26' PERF IN ANCHOR Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: SURFACE BLOW, INCREASED TO 4 1/2". BLOW DIED IN 20 MIN.
 2nd Open: NO BLOW.

Recovered 10 ft. of DRILL MUD 100% MUD
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Remarks: _____

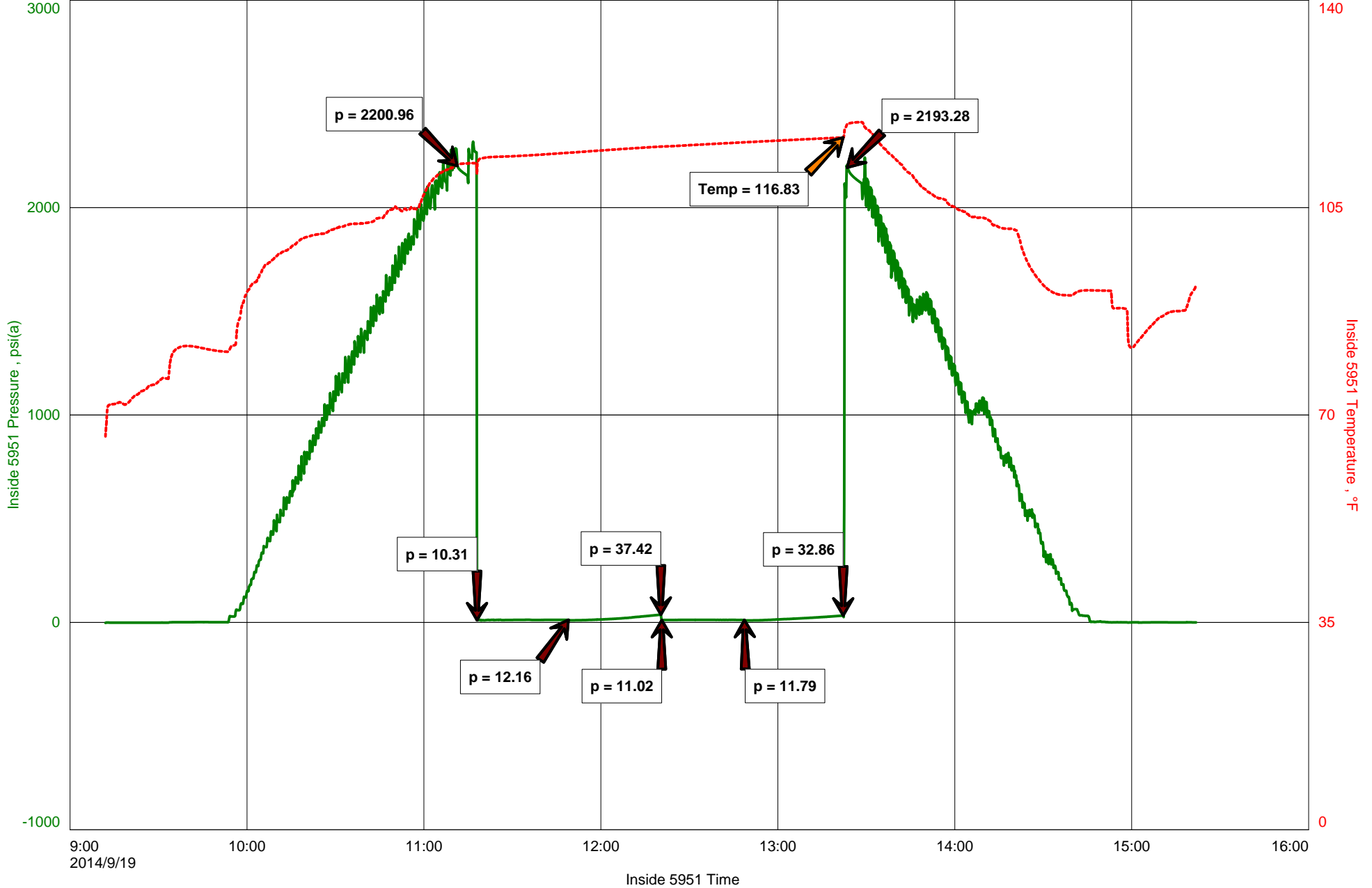
 Price Job _____
 Other Charges _____
JARS, S. JOENT
20 MRT (SCOT CITY)
 Total _____

Time Set Packer(s) 11:20 ^{A.M.} Time Started Off Bottom 1:20 ^{P.M.} Maximum Temperature 117°F

Initial Hydrostatic Pressure..... (A) 2201 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 10 P.S.I. to (C) 12 P.S.I.
 Initial Closed In Period..... Minutes 30 (D) 37 P.S.I.
 Final Flow Period..... Minutes 30 (E) 11 P.S.I. to (F) 12 P.S.I.
 Final Closed In Period..... Minutes 30 (G) 33 P.S.I. THANK YOU!
 Final Hydrostatic Pressure..... (H) 2193 P.S.I. Jake & John

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.

FARR #2-11, DST #2, FORT SCOTT





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: _____

TIME ON: _____
TIME OFF: _____

Company _____ Lease & Well No. _____
Contractor _____ Charge to _____
Elevation _____ Formation _____ Effective Pay _____ Ft. Ticket No. _____
Date _____ Sec. _____ Twp. _____ S Range _____ W County _____ State **KANSAS**
Test Approved By _____ Diamond Representative _____

Formation Test No. _____ Interval Tested from _____ ft. to _____ ft. Total Depth _____ ft.
Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Bottom Recorder Depth (Outside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type _____ Viscosity _____ Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight _____ Water Loss _____ cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides _____ P.P.M. Drill Pipe Length _____ ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number _____ Test Tool Length _____ ft. Tool Size 3 1/2-IF in.
Did Well Flow? _____ Reversed Out _____ Anchor Length _____ ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: _____
2nd Open: _____

Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
	Total

Time Set Packer(s) _____ A.M. P.M. Time Started Off Bottom _____ A.M. P.M. Maximum Temperature _____
Initial Hydrostatic Pressure..... (A) _____ P.S.I.
Initial Flow Period..... Minutes _____ (B) _____ P.S.I. to (C) _____ P.S.I.
Initial Closed In Period..... Minutes _____ (D) _____ P.S.I.
Final Flow Period..... Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.
Final Closed In Period..... Minutes _____ (G) _____ P.S.I.
Final Hydrostatic Pressure..... (H) _____ 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.