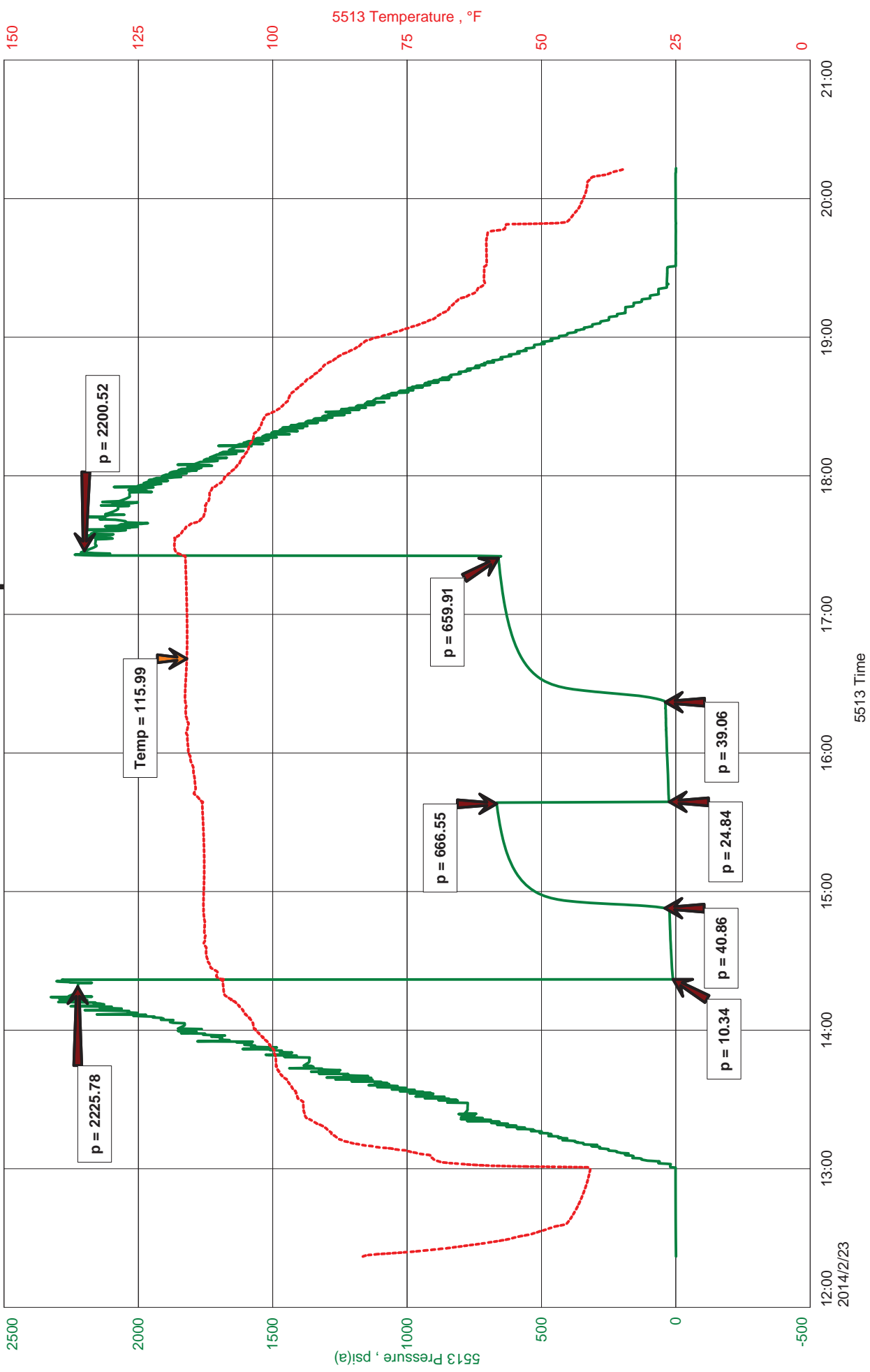


New Gulf Operating, LLC
DST #5 Johnson 4542-4606
Start Test Date: 2014/02/23
Final Test Date: 2014/02/23

#3-10 St Joseph
Formation: Johnson
Pool: Wildcat
Job Number: K092

#3-10 St Joseph





JASON MCLEMORE

CELL # 620-617-0527

General Information

Company Name	New Gulf Operating, LLC	Job Number	K092
Contact	Jim Henkle	Representative	Jason McLemore
Well Name	#3-10 St Joseph	Well Operator	New Gulf Operating, LLC
Unique Well ID	DST #5 Johnson 4542-4606	Prepared By	Jason McLemore
Surface Location	10-12s-32w-Logan	Qualified By	John Goldsmith
Field	Wildcat	Test Unit	#7
Well Type	Vertical		

Test Information

Test Type	Drill Stem Test	Representative	Jason McLemore
Formation	Johnson	Well Operator	New Gulf Operating, LLC
Well Fluid Type	01 Oil	Report Date	2014/02/23
Test Purpose (AEUB)	Initial Test	Prepared By	Jason McLemore

Start Test Date	2014/02/23	Start Test Time	12:22:00
Final Test Date	2014/02/23	Final Test Time	20:17:00

Test Results

RECOVERED:

5	Mud With Oil Specks, Less Than 1% Oil
45	Drilling Mud
50	TOTAL FLUID



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: 3stjodst5

TIME ON: 12:22 PM
TIME OFF: 8:17 PM

Company New Gulf Operating, LLC Lease & Well No. #3-10 St Joseph
Contractor Val #4 Charge to New Gulf Operating, LLC
Elevation KB 3032 Formation Johnson Effective Pay _____ Ft. Ticket No. K092
Date 2-23-14 Sec. 10 Twp. _____ 12 S Range _____ 32 W County _____ Logan State KANSAS
Test Approved By John Goldsmith Diamond Representative Jason McLemore

Formation Test No. 5 Interval Tested from 4542 ft. to 4606 ft. Total Depth 4606 ft.
Packer Depth 4537 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4542 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 4523 ft. Recorder Number 5513 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 4524 ft. Recorder Number 5588 Cap. 6000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chemical Viscosity 52 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.4 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 3200 P.P.M. Drill Pipe Length 4509 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 6 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? _____ Reversed Out _____ Anchor Length 64 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. 31' DP in Anchor Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Weak Blow, Built to 3", No Blowback
2nd Open: Weak Blow, Built to 1", No Blowback

Recovered 5 ft. of Mud With Oil Specks, Less Than 1% Oil
Recovered 45 ft. of Drilling Mud
Recovered 50 ft. of TOTAL FLUID

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

Time Set Packer(s) 2:24 PM A.M. P.M. Time Started Off Bottom 5:24 PM A.M. P.M. Maximum Temperature 116

Initial Hydrostatic Pressure..... (A) 2226 P.S.I.
Initial Flow Period..... Minutes 30 (B) 10 P.S.I. to (C) 41 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 667 P.S.I.
Final Flow Period..... Minutes 45 (E) 25 P.S.I. to (F) 39 P.S.I.
Final Closed In Period..... Minutes 60 (G) 660 P.S.I.
Final Hydrostatic Pressure..... (H) 2201 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.