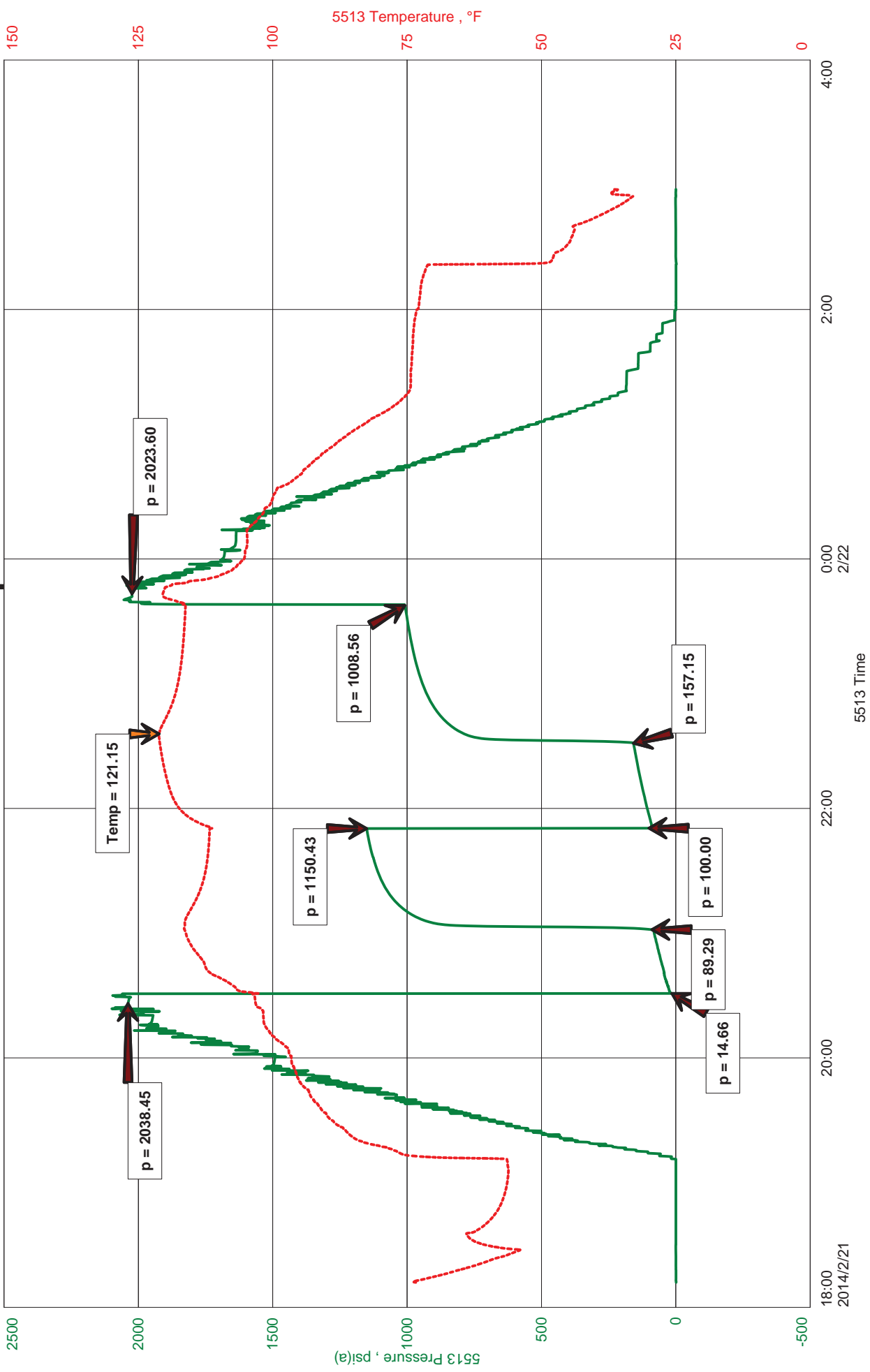


New Gulf Operating LLC
DST #4 J 4236-4261
Start Test Date: 2014/02/21
Final Test Date: 2014/02/22

#3-10 St Joseph
Formation: J Zone
Pool: Wildcat
Job Number: K091

#3-10 St Joseph





JASON MCLEMORE

CELL # 620-617-0527

General Information

Company Name	New Gulf Operating LLC	Job Number	K091
Contact	Jim Henkle	Representative	Jason McLemore
Well Name	#3-10 St Joseph	Well Operator	New Gulf Operating LLC
Unique Well ID	DST #4 J 4236-4261	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	J Zone	Well Operator	New Gulf Operating LLC
Well Fluid Type	01 Oil	Report Date	2014/02/22
Test Purpose (AEUB)	Initial Test	Prepared By	Jason McLemore
Start Test Date	2014/02/21	Start Test Time	18:12:00
Final Test Date	2014/02/22	Final Test Time	02:57:00

Test Results

RECOVERED:

390	Gassy Oil, 25% Gas, 75% Oil
70	Gassy Mud Cut Oil, 25% Gas, 10% Mud, 65% Oil
460	TOTAL FLUID

2580' Gas In Pipe

GRAVITY: 39



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: 3stjodst4

TIME ON: 6:12 PM
TIME OFF: 2:57 AM

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 _____ J Zone _____ Effective Pay _____ Ft. Ticket No. K091
Date 2-21-14 Sec. 10 Twp. _____ 12 S Range _____ 32 W County _____ Logan State KANSAS
Test Approved By John Goldsmith Diamond Representative Jason McLemore

Formation Test No. 4 Interval Tested from 4236 ft. to 4261 ft. Total Depth 4261 ft.
Packer Depth 4231 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4236 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 4217 ft. Recorder Number 5513 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 4218 ft. Recorder Number 5588 Cap. 6000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chemical Viscosity 45 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 6.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 2500 P.P.M. Drill Pipe Length 4203 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? NO Reversed Out No Anchor Length 25 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: Strong, BOB in 2 Min., Blowback BOB in 10 Min.
2nd Open: Strong, BOB in 4 Min.,

Recovered 390 ft. of Gassy Oil, 25% Gas, 75% Oil
Recovered 70 ft. of Gassy Mud Cut Oil, 25% Gas, 10% Mud, 65% Oil
Recovered 460 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of <u>2580' Gas In Pipe</u>	Other Charges
Recovered _____ ft. of <u>GRAVITY: 39</u>	Insurance
Remarks: _____	Total

Time Set Packer(s) 8:31 PM A.M. P.M. Time Started Off Bottom 11:31 PM A.M. P.M. Maximum Temperature 121

Initial Hydrostatic Pressure..... (A) 2038 P.S.I.
Initial Flow Period..... Minutes 30 (B) 15 P.S.I. to (C) 89 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1150 P.S.I.
Final Flow Period..... Minutes 45 (E) 100 P.S.I. to (F) 157 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1009 P.S.I.
Final Hydrostatic Pressure..... (H) 2024 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.