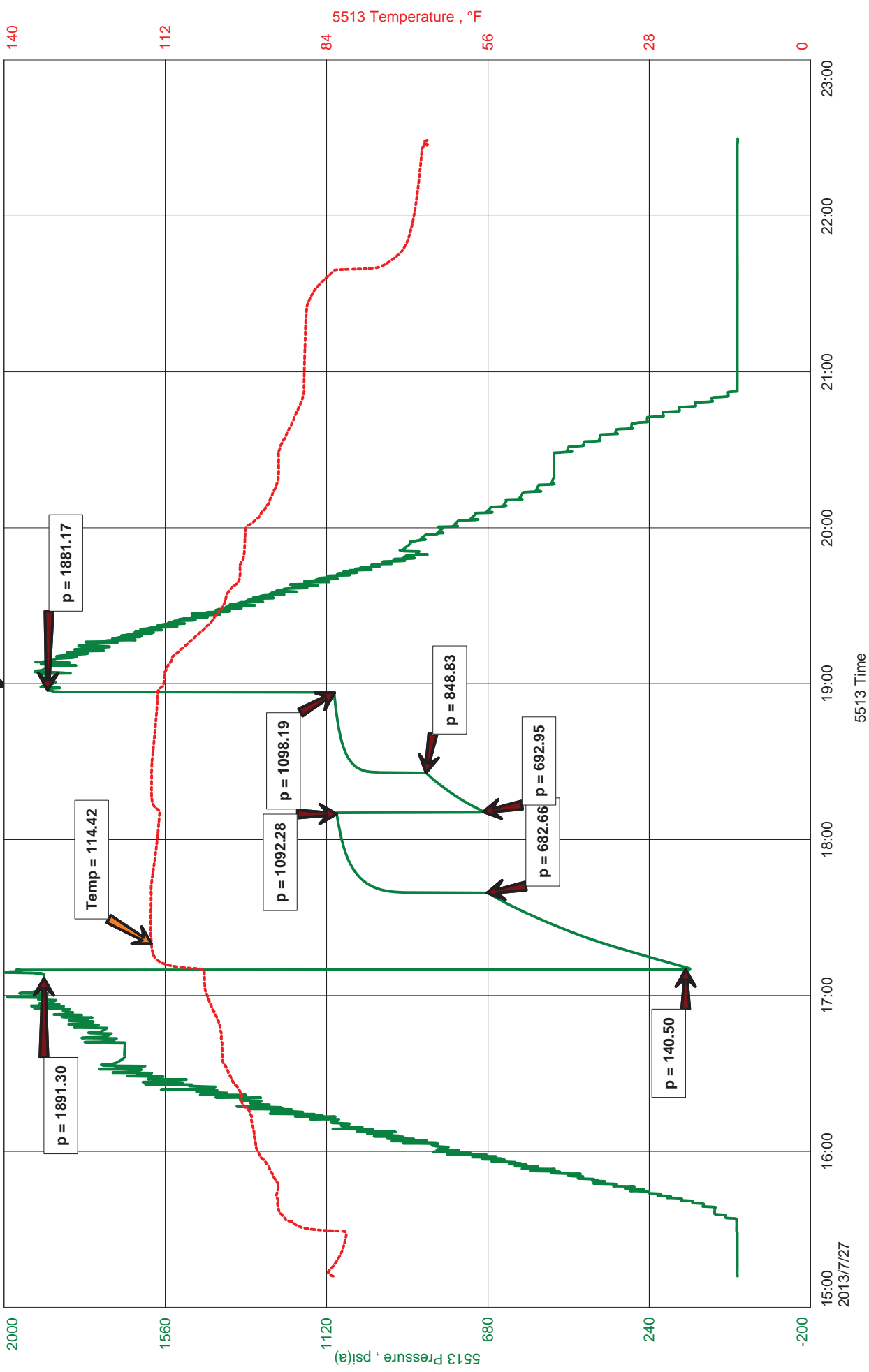


New Gulf Operating LLC  
DST 1 Lansing A 4025-4062  
Start Test Date: 2013/07/27  
Final Test Date: 2013/07/27

Stucky 1-22  
Formation: Lansing A  
Pool: Wildcat  
Job Number: K011

# Stucky 1-22





**JASON MCLEMORE**

**CELL # 620-6170527**

**General Information**

<b>Company Name</b>	New Gulf Operating LLC		
<b>Contact</b>	Jim Henkle	<b>Job Number</b>	K011
<b>Well Name</b>	Stucky 1-22	<b>Representative</b>	Jason McLemore
<b>Unique Well ID</b>	DST 1 Lansing A 4025-4062	<b>Well Operator</b>	New Gulf Operating LLC
<b>Surface Location</b>	22-16s-35w-Wichita	<b>Prepared By</b>	Jason McLemore
<b>Field</b>	Wildcat	<b>Qualified By</b>	Larry Nicholson
<b>Well Type</b>	Vertical	<b>Test Unit</b>	#7

**Test Information**

<b>Test Type</b>	Drill Stem Test	<b>Representative</b>	Jason McLemore
<b>Formation</b>	Lansing A	<b>Well Operator</b>	New Gulf Operating LLC
<b>Well Fluid Type</b>	01 Oil	<b>Report Date</b>	2013/07/27
<b>Test Purpose (AEUB)</b>		<b>Prepared By</b>	Jason McLemore

<b>Start Test Date</b>	2013/07/27	<b>Start Test Time</b>	15:12:00
<b>Final Test Date</b>	2013/07/27	<b>Final Test Time</b>	22:31:00

**Test Results**

Recovered:  
 1890 Muddy Water 95%W, 5%M  
 1890 TOTAL FLUID

**Tool Sample: 100%Water**

CHLORIDES 43,000  
 PH: 7  
 RW .250 @ 68



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: charles1dst3

TIME ON: 15:12:00  
TIME OFF: 22:31:00

Company New Gulf Operating, LLC Lease & Well No. Stucky 1-22  
Contractor Val 4 Charge to New Gulf Operating, LLC  
Elevation 3203 Formation Lansing "A" Effective Pay \_\_\_\_\_ Ft. Ticket No. K011  
Date 7-27-2013 Sec. 22 Twp. 16 S Range 35 W County Wichita State KANSAS  
Test Approved By Larry Nicholson Diamond Representative Jason McLemore

Formation Test No. 1 Interval Tested from 4025 ft. to 4062 ft. Total Depth 4062 ft.  
Packer Depth 4021 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 4025 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 4007 ft. Recorder Number 5513 Cap. 5000 P.S.I.  
Bottom Recorder Depth (Outside) 4022 ft. Recorder Number 13338 Cap. 4950 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type Chemical Viscosity 45 Drill Collar Length 31 ft. I.D. 2 1/4 in.  
Weight 9.0 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 3000 P.P.M. Drill Pipe Length 3961 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number \_\_\_\_\_ Test Tool Length 33 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? NO Reversed Out \_\_\_\_\_ Anchor Length 37 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 1 Min., No Return Blow  
2nd Open: Strong, BOB in 2 Min., No Return Blow

Recovered 1890 ft. of Muddy Water, 95%W, 5%M  
Recovered 1890 ft. of Total Fluid  
Recovered \_\_\_\_\_ ft. of Tool Sample: 100%W  
Recovered \_\_\_\_\_ ft. of Chlorides: 43000

Recovered _____ ft. of <u>PH:7</u>	Price Job
Recovered _____ ft. of <u>RW .250 @ 68</u>	Other Charges
Remarks: _____	Insurance
	Total

Time Set Packer(s) 5:11 PM A.M. P.M. Time Started Off Bottom 6:56 PM A.M. P.M. Maximum Temperature 114

Initial Hydrostatic Pressure..... (A) 1891 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 141 P.S.I. to (C) 683 P.S.I.  
Initial Closed In Period..... Minutes 30 (D) 1092 P.S.I.  
Final Flow Period..... Minutes 15 (E) 693 P.S.I. to (F) 849 P.S.I.  
Final Closed In Period..... Minutes 30 (G) 1098 P.S.I.  
Final Hydrostatic Pressure..... (H) 1881 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.