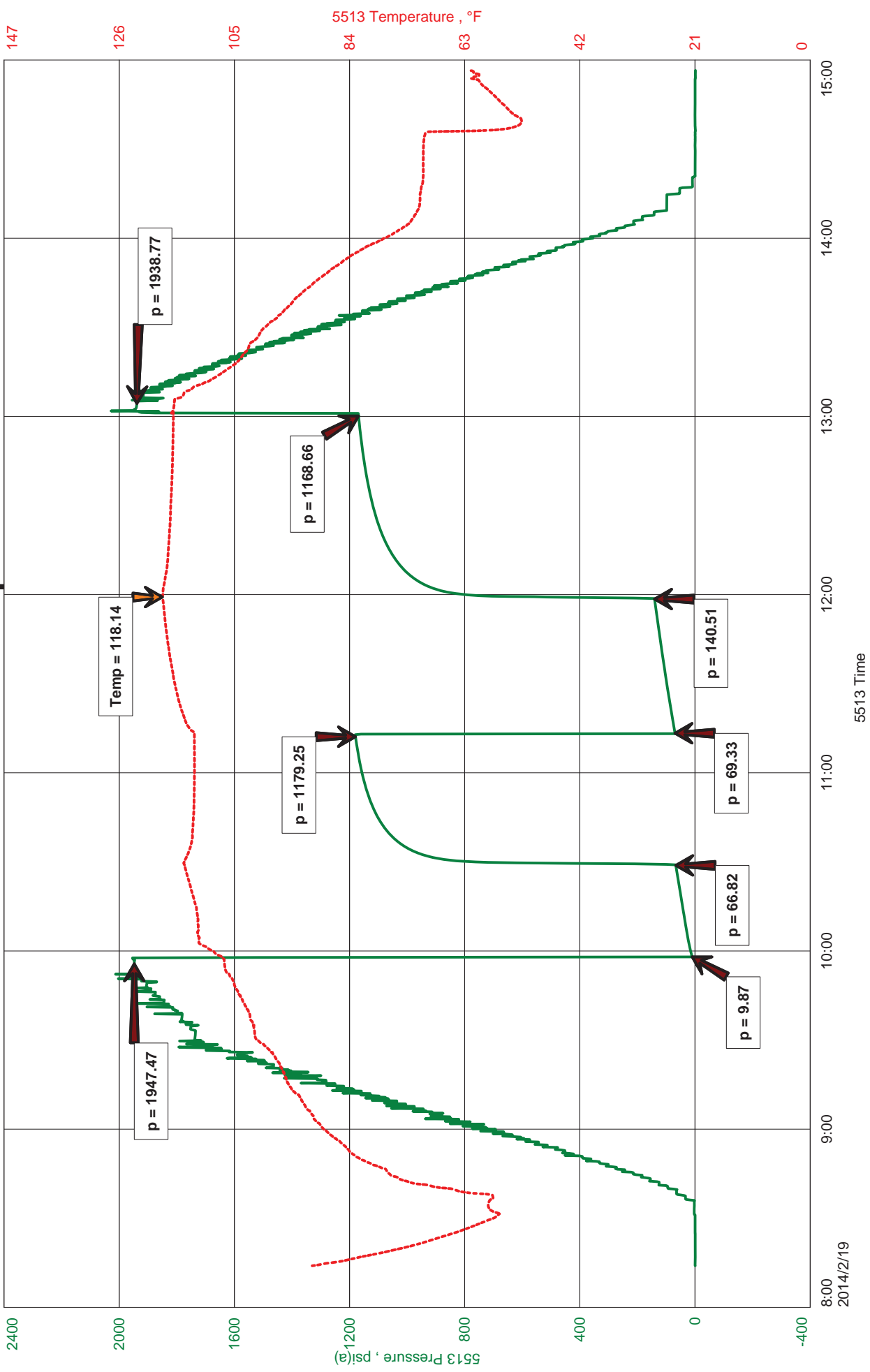


New Gulf Oil, LLC
DST #1 Lansing A 4036-4070
Start Test Date: 2014/02/19
Final Test Date: 2014/02/19

#3-10 St Joseph
Formation: Lansing A
Pool: Wildcat
Job Number: K088

#3-10 St Joseph





JASON MCLEMORE

CELL # 620-617-0527

General Information

Company Name	New Gulf Oil, LLC	Job Number	K088
Contact		Representative	Jason McLemore
Well Name	#3-10 St Joseph	Well Operator	New Gulf Oil, LLC
Unique Well ID	DST #1 Lansing A 4036-4070	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	Lansing A	Well Operator	New Gulf Oil, LLC
Well Fluid Type	01 Oil	Report Date	2014/02/19
Test Purpose (AEUB)	Initial Test	Prepared By	Jason McLemore
Start Test Date	2014/02/19	Start Test Time	08:14:00
Final Test Date	2014/02/19	Final Test Time	14:58:00

Test Results

RECOVERED:

1	Free Oil
10	OCMW, 6% Oil, 50% Water, 44% Mud
259	VSOCMW, 2% Oil, 75% Water, 23% Mud
270	TOTAL FLUID

**CHLORIDES: 80,000
PH: 7**



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: 3stjodst1

TIME ON: 8:14 AM
TIME OFF: 2:58 PM

Company New Gulf Oil, LLC Lease & Well No. #3-10 St Joseph
Contractor Val #4 Charge to New Gulf Oil Company, LLC
Elevation KB 3032 Formation Lansing A Effective Pay _____ Ft. Ticket No. K088
Date 2-19-14 Sec. 10 Twp. 12 S Range 32 W County Logan State KANSAS
Test Approved By John Goldsmith Diamond Representative Jason McLemore

Formation Test No. 1 Interval Tested from 4036 ft. to 4070 ft. Total Depth 4070 ft.
Packer Depth 4031 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4036 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4017 ft. Recorder Number 5513 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 4018 ft. Recorder Number 5588 Cap. 6000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chemical Viscosity 49 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.1 Water Loss 6.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 1800 P.P.M. Drill Pipe Length 4003 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 34 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: Fair Blow, Built to 10", No Blowback
2nd Open: Fair Blow, Built to 9-1/2", No Blowback

Recovered 1 ft. of Free Oil
Recovered 10 ft. of OCMW, 6% Oil, 50% Water, 44% Mud
Recovered 259 ft. of VSOCMW, 2% Oil, 75% Water, 23% Mud
Recovered 270 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>CHLORIDES: 80,000</u> <u>PH: 7</u>	Insurance
	Total

Time Set Packer(s) 10:00 AM A.M. P.M. Time Started Off Bottom 1:00 PM A.M. P.M. Maximum Temperature 118

Initial Hydrostatic Pressure..... (A) 1947 P.S.I.
Initial Flow Period..... Minutes 30 (B) 10 P.S.I. to (C) 67 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1179 P.S.I.
Final Flow Period..... Minutes 45 (E) 69 P.S.I. to (F) 141 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1169 P.S.I.
Final Hydrostatic Pressure..... (H) 1939 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.