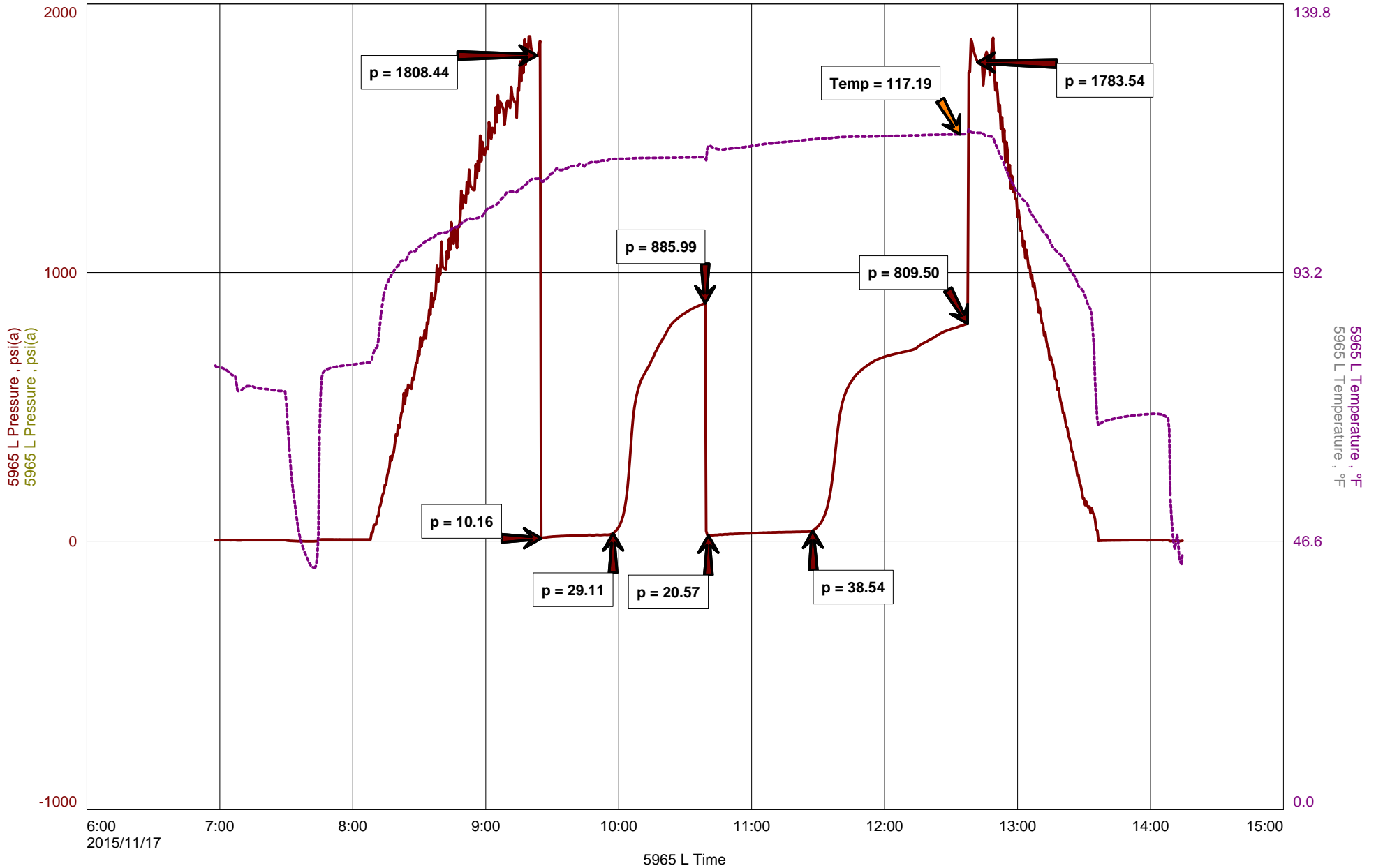


LD Drilling
DST 3 L/KC K 3900-3930
Start Test Date: 2015/11/17
Final Test Date: 2015/11/17

Limited 2-31 DST 3
Formation: L/KC K
Job Number: W220

Limited 2-31 DST 3





Diamond Testing General Report

Wilbur Steinbeck
TESTER
CELL: 620-282-1573

General Information

Company Name	LD Drilling	Job Number	W220
Contact	Kim Shoemaker	Representative	Wilbur Steinbeck
Well Name	Limited 2-31 DST 3	Well Operator	LD 1
Unique Well ID	DST 3 L/KC K 3900-3930	Report Date	2015/11/17
Surface Location	31-14s-29w Gove/Kans	Prepared By	Wilbur Steinbeck
Field	Wildcat	Qualified By	Kim Shoemaker

Test Information

Test Type	Conventional		
Formation	L/KC K		
Well Fluid Type	01 Oil		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2015/11/17	Start Test Time	06:58:00
Final Test Date	2015/11/17	Final Test Time	14:15:00

Test Recovery

Recovery 1' Free Oil
 45' GOCM 10%G 30%O 60%M
 46' Total Fluid
 240' GIP
Tool Sample=GMOCW 5%G 25%O 70%M



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: Limited 2-31 DST 3

TIME ON: 6:58
TIME OFF: 14:15

Company LD Drilling Lease & Well No. Limited 2-31
Contractor LD Charge to LD
Elevation 2619 KB Formation L/KC K Effective Pay _____ Ft. Ticket No. W220
Date 11-17-15 Sec. 31 Twp. _____ 14 S Range _____ 29 W County _____ Gove State KANSAS
Test Approved By Kim Shoemaker Diamond Representative Wilbur Steinbeck

Formation Test No. 3 Interval Tested from 3900 ft. to 3930 ft. Total Depth 3930 ft.

Packer Depth 3895 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Packer Depth 3900 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3886 ft. Recorder Number 5965 Cap. 5000 P.S.I.

Bottom Recorder Depth (Outside) 3901 ft. Recorder Number 5587 Cap. 5,000 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 55 Drill Collar Length 0 ft. I.D. 2 1/4 in.

Weight 9.0 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 1500 P.P.M. Drill Pipe Length 3872 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number 7 Test Tool Length 28 ft. Tool Size 3 1/2-IF in.

Did Well Flow? Yes Reversed Out No Anchor Length 30 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: Built to 3 1/2" Surface blow

2nd Open: Built to 4 1/2" No Return

Recovered 1 ft. of Free Oil

Recovered 45 ft. of GOCM 10%G 30%O 60%M

Recovered 46 ft. of Total Fluid

Recovered 240 ft. of GIP

Recovered _____ ft. of _____ 65 Miles RT Price Job _____

Recovered _____ ft. of _____ Other Charges _____

Remarks: Tool Sample=GOCM 5%G 25%O 70%M Insurance _____

_____ Total _____

Time Set Packer(s) 9:25 A.M. Time Started Off Bottom 12:25 P.M. Maximum Temperature 117

Initial Hydrostatic Pressure..... (A) 1808 P.S.I.

Initial Flow Period..... Minutes 30 (B) 10 P.S.I. to (C) 29 P.S.I.

Initial Closed In Period..... Minutes 45 (D) 886 P.S.I.

Final Flow Period..... Minutes 45 (E) 21 P.S.I. to (F) 39 P.S.I.

Final Closed In Period..... Minutes 60 (G) 810 P.S.I.

Final Hydrostatic Pressure..... (H) 1784 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.