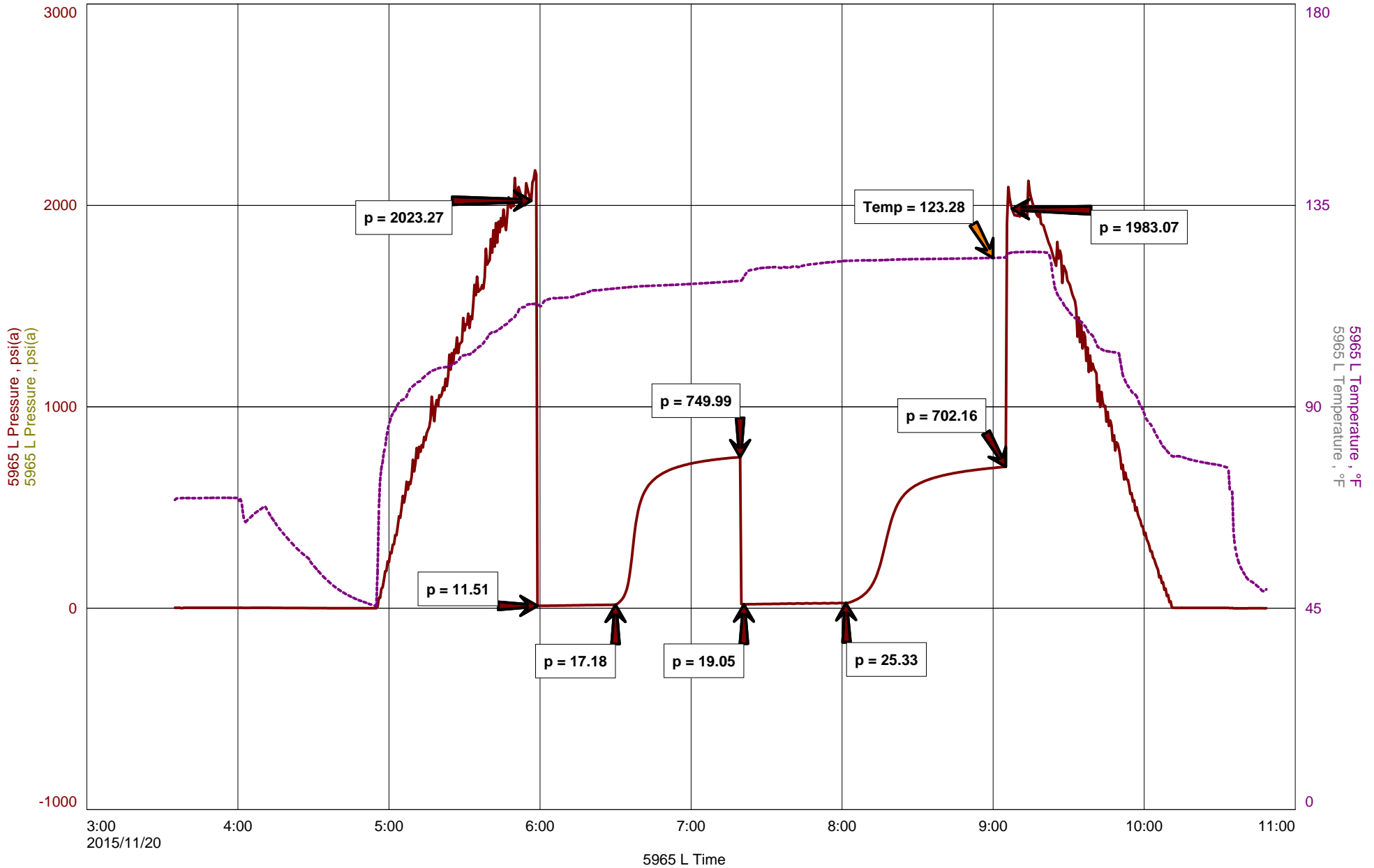


Limited 2-31 DST 6





Diamond Testing General Report

Wilbur Steinbeck
TESTER
CELL: 620-282-1573

General Information

Company Name	LD Drilling	Job Number	W223
Contact	Kim Shoemaker	Representative	Wilbur Steinbeck
Well Name	Limited 2-31	Well Operator	LD 1
Unique Well ID	DST 6 Miss 4255-4277	Report Date	2015/11/20
Surface Location	31-14s-29w Gove/Kans	Prepared By	Wilbur Steinbeck
Field	Wildcat	Qualified By	Kim Shoemaker

Test Information

Test Type	Conventional		
Formation	Mississippi		
Well Fluid Type	01 Oil		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2015/11/20	Start Test Time	03:35:00
Final Test Date	2015/11/20	Final Test Time	10:49:00

Test Recovery

Recovery 2' Free Oil
 25' GWOCM 10%G 10%W 30%M 50%O
 27' Total Fluid
 400' GIP

Tool Sample=GWOCM 5%G 10%W 35%O 50%M



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: Limited 2-31 DST 6

TIME ON: 3:35
TIME OFF: 10:49

Company LD Drilling Lease & Well No. Limited 2-31
Contractor LD Charge to LD
Elevation 2619 KB Formation Mississippi Effective Pay _____ Ft. Ticket No. w223
Date 11-20-15 Sec. 31 Twp. _____ 14 S Range _____ 29 W County _____ Gove State KANSAS
Test Approved By Kim Shoemaker Diamond Representative _____ Wilbur Steinbeck

Formation Test No. 6 Interval Tested from 4255 ft. to 4277 ft. Total Depth 4277 ft.
Packer Depth 4250 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4255 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4242 ft. Recorder Number 5965 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 4256 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 9.1 Water Loss 7.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 1500 P.P.M. Drill Pipe Length 4222 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 7 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? Yes Reversed Out No Anchor Length 22 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" Surface Blow
2nd Open: Built to 3" No Return

Recovered 2 ft. of Gassy Free Oil
Recovered 25 ft. of GWOCM 10%G 10%G 30%O 50%M
Recovered 27 ft. of Total Fluid
Recovered 400 ft. of GIP

Recovered _____ ft. of _____	65 Miles RT	Price Job
Recovered _____ ft. of _____		Other Charges
Remarks: <u>Tool Sample=GWOCM 5%G 10%W 35%M 50%O</u>		Insurance
		Total

Time Set Packer(s) 6:00 A.M. P.M. Time Started Off Bottom 9:00 A.M. P.M. Maximum Temperature 123
Initial Hydrostatic Pressure..... (A) 2033 P.S.I.
Initial Flow Period..... Minutes 30 (B) 12 P.S.I. to (C) 17 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 750 P.S.I.
Final Flow Period..... Minutes 45 (E) 19 P.S.I. to (F) 25 P.S.I.
Final Closed In Period..... Minutes 60 (G) 702 P.S.I.
Final Hydrostatic Pressure..... (H) 1983 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.