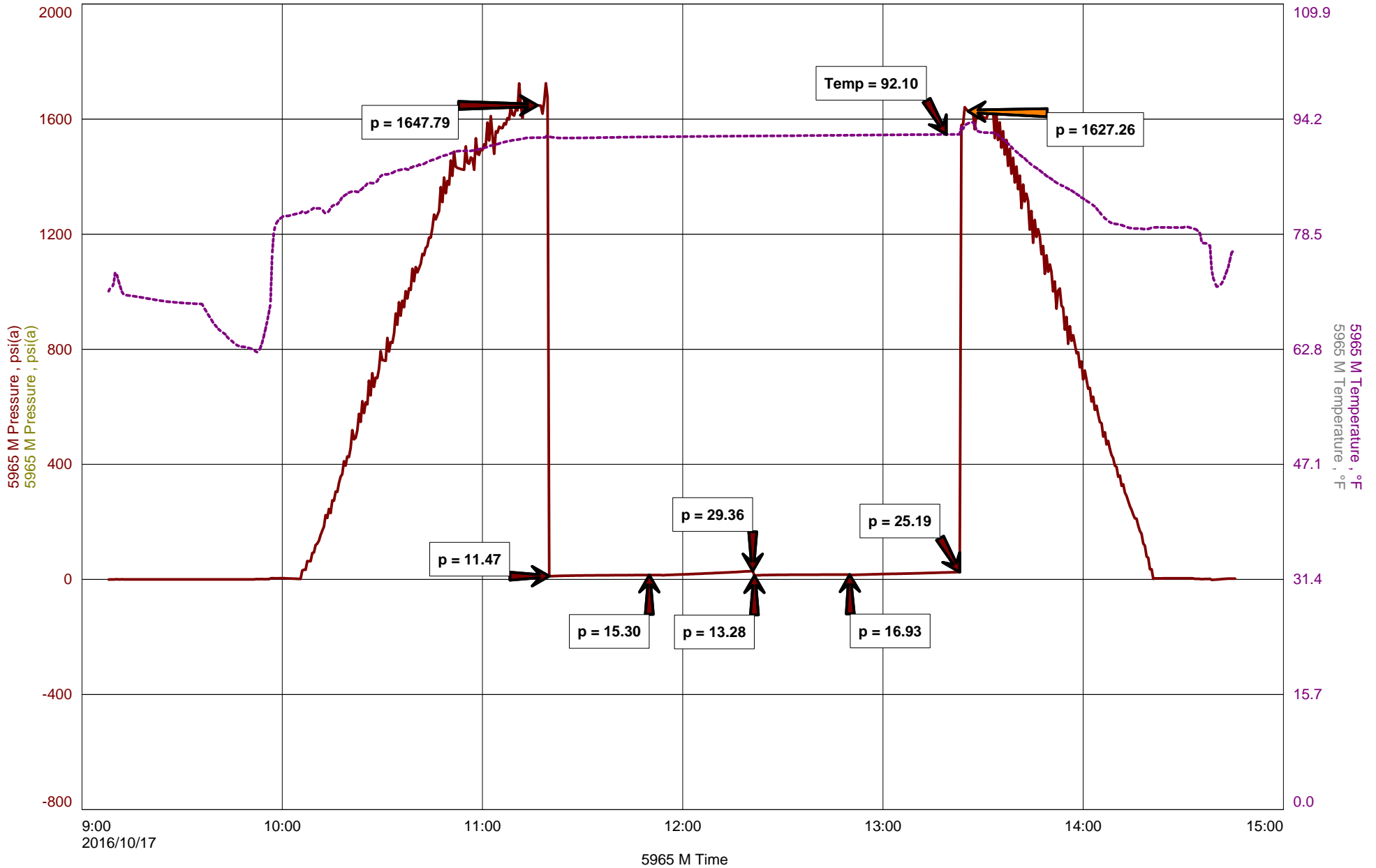


Miller A 1-5 DST 1





Diamond Testing General Report

Wilbur Steinbeck
TESTER
CELL: 620-282-1573

General Information

Company Name	LD Drilling	Larry Friend	Job Number	W245
Contact		Miller A 1-5	Representative	Wilbur Steinbeck
Well Name		DST 1 Lan F 3449-3475	Well Operator	LD
Unique Well ID		5-3s-23w Norton/Kan	Report Date	2016/10/17
Surface Location		Wildcat	Prepared By	Wilbur Steinbeck
Field			Qualified By	Larry Friend

Test Information

Test Type	Conventional		
Formation	Lan F		
Well Fluid Type	01 Oil		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2016/10/17	Start Test Time	09:08:00
Final Test Date	2016/10/17	Final Test Time	14:45:00

Test Recovery

Recovery
5' Mud
5' Total Fluid

Tool Sample=Mud



DIAMOND TESTING
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: Miller A 1-5 DST 1

TIME ON: 9:08
 TIME OFF: 14:45

Company LD Drilling Lease & Well No. Miller A 1-5
 Contractor LD Charge to LD
 Elevation 2343 KB Formation _____ Lan F Effective Pay _____ Ft. Ticket No. W245
 Date 10/17/16 Sec. 5 Twp. _____ 3 S Range _____ 23 W County _____ Norton State KANSAS
 Test Approved By Larry Friend Diamond Representative _____ Wilbur Steinbeck

Formation Test No. 13449 Interval Tested from 3449 ft. to 3475 ft. Total Depth 3475 ft.
 Packer Depth 3444 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 3449 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3434 ft. Recorder Number 5965 Cap. 5000 P.S.I.
 Bottom Recorder Depth (Outside) 3450 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 57 Drill Collar Length 0 ft. I.D. 2 1/4 in.
 Weight 8.9 Water Loss 6.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 800 P.P.M. Drill Pipe Length 3414 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number J/J Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? No Reversed Out No Anchor Length 26 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: Surface Blow died in 15 min No Blow
 2nd Open: No Blow No Blow

Recovered 5 ft. of Mud
 Recovered 5 ft. of Total Fluid
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Recovered _____ ft. of _____	75Miles RT	Price Job
Recovered _____ ft. of _____		Other Charges
Remarks: <u>Tool Sample=Mud</u>		Insurance
		Total

Time Set Packer(s) 11:20 A.M. P.M. Time Started Off Bottom 13:20 A.M. P.M. Maximum Temperature 92
 Initial Hydrostatic Pressure..... (A) 1648 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 11 P.S.I. to (C) 15 P.S.I.
 Initial Closed In Period..... Minutes 30 (D) 29 P.S.I.
 Final Flow Period..... Minutes 30 (E) 13 P.S.I. to (F) 17 P.S.I.
 Final Closed In Period..... Minutes 30 (G) 25 P.S.I.
 Final Hydrostatic Pressure..... (H) 1627 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.