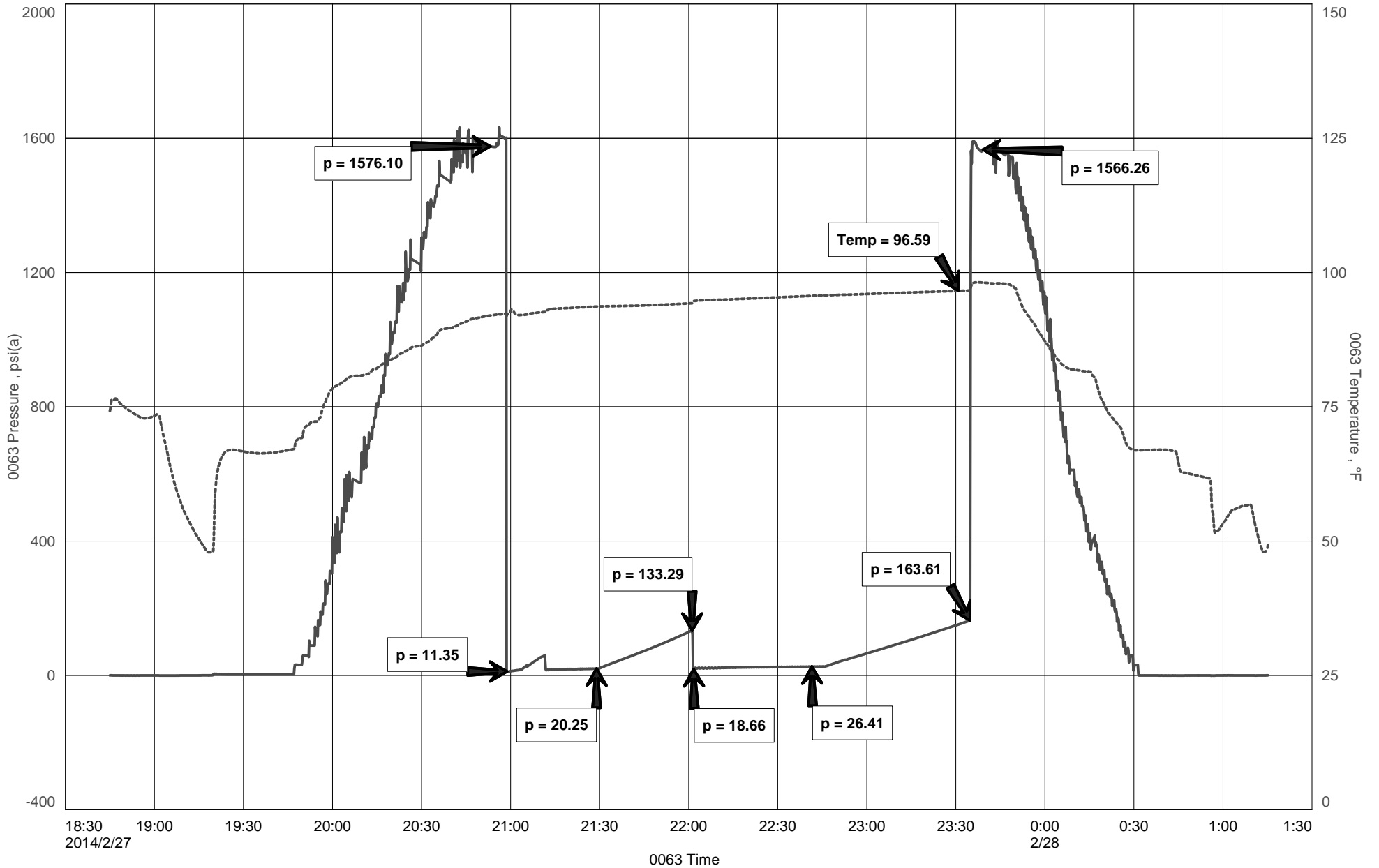




L.D. DRILLING, INC.  
DST#1 3266-3325 LANS. C-F  
Start Test Date: 2014/02/27  
Final Test Date: 2014/02/28

AIKEN #1-20  
Formation: DST#1 3266-3325 LANS. C-F  
Pool: WILDCAT  
Job Number: M618

# AIKEN #1-20





**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: AKN1-20DST11

TIME ON: 1815 (2/27)  
TIME OFF: 0045 (2/28)

Company L.D. DRILLING, INC. Lease & Well No. AIKEN #1-20  
Contractor PETROMARK DRILLING, LLC-RIG 2 Charge to L.D. DRILLING, INC.  
Elevation 1836 GL EST. Formation LANS. C-F Effective Pay \_\_\_\_\_ Ft. Ticket No. M618  
Date 2/27/2014 Sec. 20 Twp. \_\_\_\_\_ 22 S Range \_\_\_\_\_ 11 W County STAFFORD State KANSAS  
Test Approved By JIM MUSGROVE Diamond Representative MIKE COCHRAN

Formation Test No. 1 Interval Tested from 3266 ft. to 3325 ft. Total Depth 3325 ft.  
Packer Depth 3261 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.  
Packer Depth 3266 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

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

Top Recorder Depth (Inside) 3255 ft. Recorder Number 0063 Cap. 6,000 P.S.I.  
Bottom Recorder Depth (Outside) 3322 ft. Recorder Number 6884 Cap. 5,000 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEM Viscosity 51 Drill Collar Length 117 ft. I.D. 2 1/4 in.  
Weight 9.2 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 6,200 P.P.M. Drill Pipe Length 3124 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number N/A Test Tool Length 25 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? NO Reversed Out NO Anchor Length 59 ft. Size 4 1/2-FH in.  
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. (32" DP) Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: VWSB, INC. TO 4 1/2" (NO BB)

2nd Open: WSB INC. TO 7" (NO BB)

Recovered 30 ft. of DM 100% MUD  
Recovered 30 ft. of TOTAL FLUID  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered _____ ft. of _____	Price Job
Remarks: _____	Other Charges
TOOL SAMPLE: 100% MUD	Insurance
	Total

Time Set Packer(s) 8:30 P.M. A.M. P.M. Time Started Off Bottom 11:00 P.M. A.M. P.M. Maximum Temperature 97°F

Initial Hydrostatic Pressure..... (A) 1576 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 11 P.S.I. to (C) 20 P.S.I.  
Initial Closed In Period..... Minutes 30 (D) 133 P.S.I.  
Final Flow Period..... Minutes 45 (E) 19 P.S.I. to (F) 26 P.S.I.  
Final Closed In Period..... Minutes 45 (G) 164 P.S.I.  
Final Hydrostatic Pressure..... (H) 1566 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.