

# DIAMOND TESTING

## General Information Report

### General Information

<b>Company Name</b>	L.D. DRILLING, INC.	<b>Representative</b>	TIM VENTERS
<b>Contact</b>	L.D. DAVIS	<b>Well Operator</b>	L.D. DRILLING, INC.
<b>Well Name</b>	APPLE #1-6	<b>Report Date</b>	2014/07/02
<b>Unique Well ID</b>	DST #2, LOWER TOPEKA, 3000-3040	<b>Prepared By</b>	TIM VENTERS
<b>Surface Location</b>	SEC 6-6S-17W, ROOKS CO. KS.	<b>Qualified By</b>	KEITH REAVIS
<b>Field</b>	WILDCAT		
<b>Well Type</b>	Vertical		
<b>Test Type</b>	CONVENTIONAL		
<b>Formation</b>	DST #2, LOWER TOPEKA, 3000-3040		
<b>Well Fluid Type</b>	01 Oil		
<b>Start Test Date</b>	2014/07/01	<b>Start Test Time</b>	21:15:00
<b>Final Test Date</b>	2014/07/02	<b>Final Test Time</b>	05:03:00

### Test Recovery:

RECOVERED: 65' MUD  
55' WCM, 37% WATER, 63% MUD  
120' TOTAL FLUID

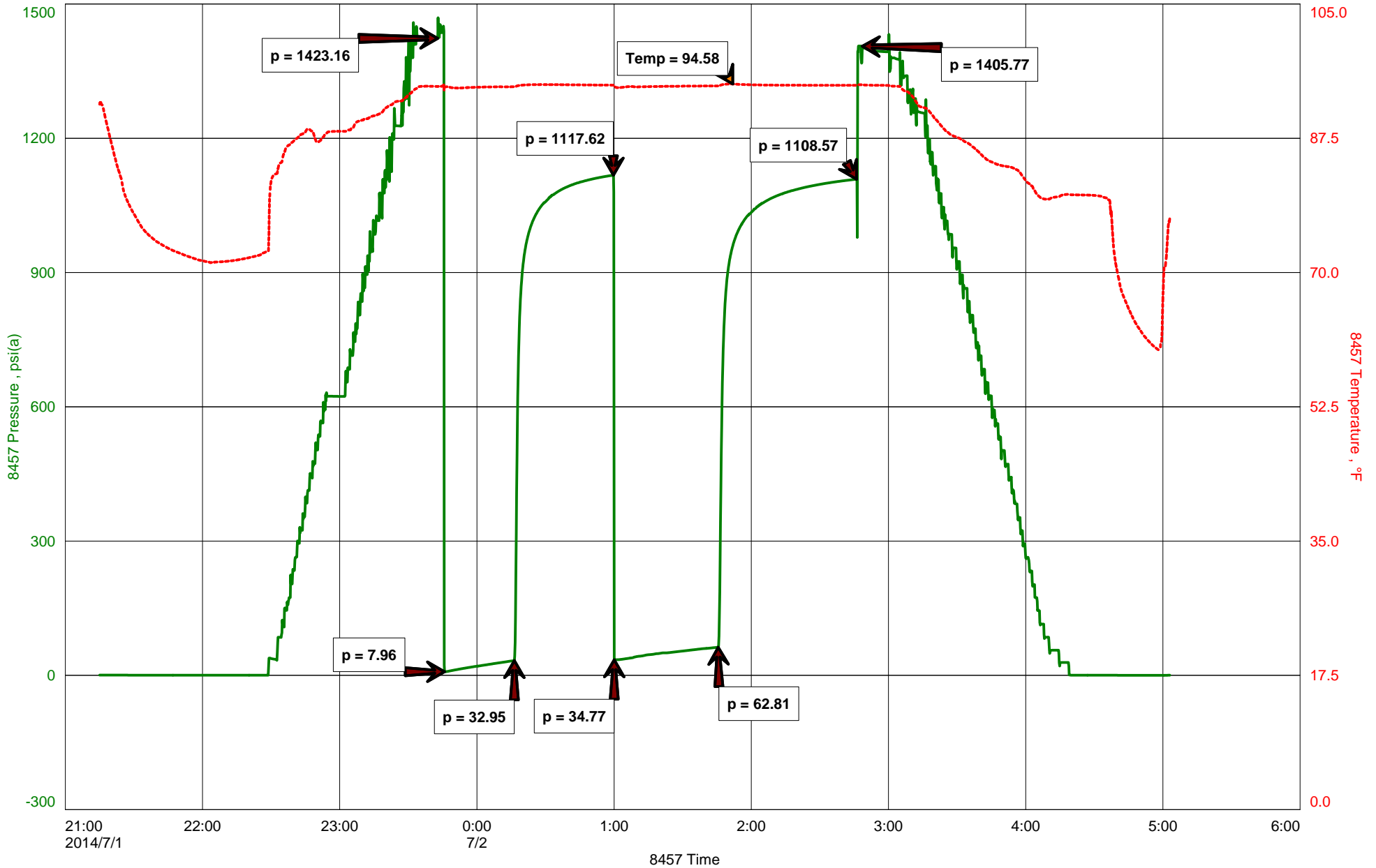
TOOL SAMPLE: TRACE OIL, 14% WATER, 86% MUD

CHLORIDES: 22,000 ppm  
PH: 7.5  
RW: .42 @ 70 deg.

L.D. DRILLING, INC.  
DST #2, LOWER TOPEKA, 3000-3040  
Start Test Date: 2014/07/01  
Final Test Date: 2014/07/02

APPLE #1-6  
Formation: DST #2, LOWER TOPEKA, 3000-3040  
Pool: WILDCAT  
Job Number: T363

# APPLE #1-6





**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: APPLE1-6DST2

TIME ON: 21:15 7-1-14  
TIME OFF: 05:03 7-2-14

Company L.D. DRILLING, INC. Lease & Well No. APPLE #1-6  
Contractor SKYTOP DRILLING RIG #1 Charge to L.D. DRILLING, INC.  
Elevation 1933 KB Formation LOWER TOPEKA Effective Pay \_\_\_\_\_ Ft. Ticket No. T363  
Date 7-1-14 Sec. 6 Twp. \_\_\_\_\_ 6 S Range \_\_\_\_\_ 17 W County ROOKS State KANSAS  
Test Approved By KEITH REAVIS Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 2 Interval Tested from 3000 ft. to 3040 ft. Total Depth 3040 ft.  
Packer Depth 2995 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 3000 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

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

Top Recorder Depth (Inside) 2986 ft. Recorder Number 8457 Cap. 10,000 P.S.I.  
Bottom Recorder Depth (Outside) 3037 ft. Recorder Number 11029 Cap. 5,025 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEMICAL Viscosity 50 Drill Collar Length 144 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 300 P.P.M. Drill Pipe Length 2828 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number STY. JT. Test Tool Length 28 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? NO Reversed Out NO Anchor Length 40 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: WEAK 1/4 INCH BLOW, BUILDING TO 2 INCHES. (NO BB)  
2nd Open: VERY WEAK SURFACE BLOW, BUILDING TO 2 1/2 INHCES. (NO BB)

Recovered 65 ft. of MUD  
Recovered 55 ft. of WCM, 37% WATER, 63% MUD  
Recovered 120 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Recovered _____ ft. of _____	Insurance
Remarks: _____	
TOOL SAMPLE: <u>TRACE OIL, 14% WATER, 86% MUD</u>	Total

Time Set Packer(s) 11:45 PM A.M. P.M. Time Started Off Bottom 2:45 AM A.M. P.M. Maximum Temperature 95 deg.

Initial Hydrostatic Pressure..... (A) 1423 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 8 P.S.I. to (C) 33 P.S.I.  
Initial Closed In Period..... Minutes 45 (D) 1118 P.S.I.  
Final Flow Period..... Minutes 45 (E) 35 P.S.I. to (F) 63 P.S.I.  
Final Closed In Period..... Minutes 60 (G) 1109 P.S.I.  
Final Hydrostatic Pressure..... (H) 1406 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.