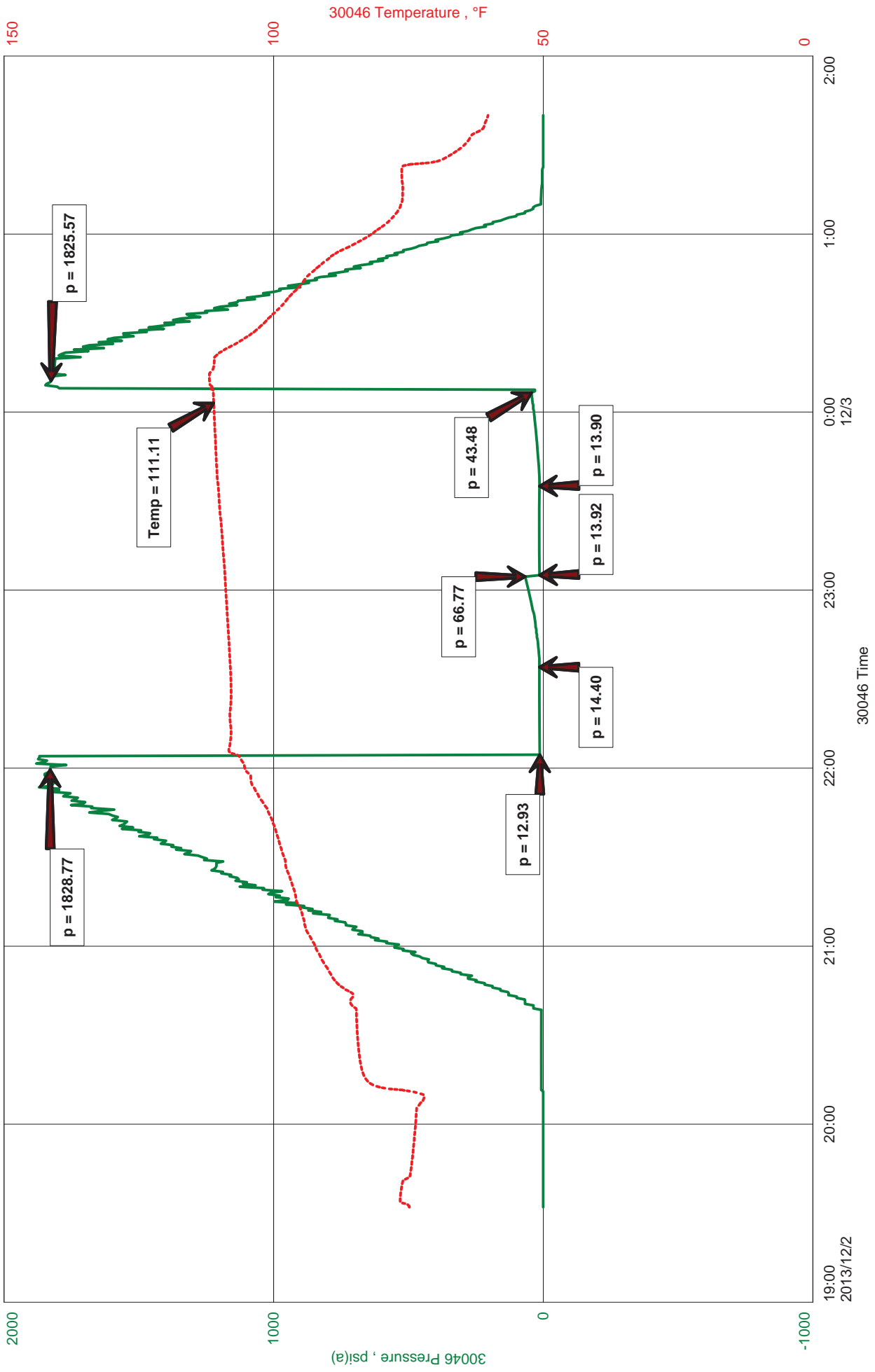


L.D. DRILLING, INC.  
DST #2 LKC 'E' 3,883' - 3,910'  
Start Test Date: 2013/12/02  
Final Test Date: 2013/12/03

LUBBERS #2-27  
Formation: DST #2 LKC 'E' 3,883' - 3,910'

# LUBBERS #2-27





**DIAMOND TESTING**  
**ROGER D. FRIEDLY - TESTER**  
**CELL 620-793-2043**

**Company Name** L.D. DRILLING, INC.  
**Contact** L.D. DAVIS  
**Well Name** LUBBERS #2-27  
**Unique Well ID** DST #2 LKC 'E' 3,883' - 3,910'  
**Surface Location** SEC 27-12S-30W GOVE CNTY, KS  
**Field** WILDCAT

**Test Information**

<b>Test Type</b>	CONVENTIONAL	<b>Job Number</b>	
<b>Formation</b>	DST #2 LKC 'E' 3,883' - 3,910'	<b>Test Unit</b>	NO. 1
<b>Test Purpose</b>	Initial Test	<b>Representative</b>	ROGER D. FRIEDLY
<b>Well Fluid Type</b>	01 Oil	<b>Well Operator</b>	L.D. DRILLING, INC.
<b>H2S</b>		<b>Report Date</b>	2013/12/03
		<b>Prepared By</b>	ROGER D. FRIEDLY
		<b>Qualified By</b>	KIM SHOEMAKER
<b>Start Test Date</b>	2013/12/02	<b>Start Test Time</b>	19:32:00
<b>Final Test Date</b>	2013/12/03	<b>Final Test Time</b>	01:42:00

**Remarks**

**RECOVERED:** 3' DM 100% MUD  
 3' TOTAL FLUID

**TOOL SAMPLE: 100% DM - GOOD OIL SPECKS**



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: LUBBERS2-27DST1

TIME ON: 19:32(11.02)  
TIME OFF: 01:43(11.03)

Company L.D. DRILLING, INC. Lease & Well No. LUBBERS #2-27  
Contractor L.D. DRILLING, INC. Charge to L.D. DRILLING, INC.  
Elevation 2,763 KB Formation LKC 'E' Effective Pay \_\_\_\_\_ Ft. Ticket No. \_\_\_\_\_  
Date 12-2-13 Sec. 27 Twp. \_\_\_\_\_ 12 S Range \_\_\_\_\_ 30 W County \_\_\_\_\_ GOVE State KANSAS  
Test Approved By KIM SHOEMAKER Diamond Representative ROGER D. FRIEDLY

Formation Test No. 2 Interval Tested from 3,883 ft. to 3,910 ft. Total Depth 3,910 ft.  
Packer Depth 3,878 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 3,883 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

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

Top Recorder Depth (Inside) 3,885 ft. Recorder Number 30046 Cap. 5,000 P.S.I.  
Bottom Recorder Depth (Outside) 3,907 ft. Recorder Number 13498 Cap. 3,925 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type Chem Viscosity 56 Drill Collar Length 0 ft. I.D. 2 1/4 in.  
Weight 8.9 Water Loss 10.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 500 P.P.M. Drill Pipe Length 3,861 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number SAFTEY JOINT Test Tool Length 22 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? NO Reversed Out NO Anchor Length 27 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" BLOW INCREASING TO 3/4" DECREASING IN 16 MIN 1/4" AT END (NOBB)  
2nd Open: NO BLOW (NOBB)

Recovered 3 ft. of DM 100% MUD  
Recovered 3 ft. of TOTAL FLUID  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>DIESEL IN BUCKET</u>	Insurance
<u>TOOL SAMPLE: 100% DM - GOOD OIL SPECKS</u>	Total

Time Set Packer(s) 10:04 P.M. <sup>A.M.</sup> P.M. Time Started Off Bottom 12:04 P.M. <sup>A.M.</sup> P.M. Maximum Temperature 111

Initial Hydrostatic Pressure..... (A) 1,829 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 13 P.S.I. to (C) 14 P.S.I.  
Initial Closed In Period..... Minutes 30 (D) 67 P.S.I.  
Final Flow Period..... Minutes 30 (E) 14 P.S.I. to (F) 14 P.S.I.  
Final Closed In Period..... Minutes 30 (G) 43 P.S.I.  
Final Hydrostatic Pressure..... (H) 1,826 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.