



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: STC/Korielunit1-22dst3

TIME ON: 08:30:00 10/22/2014  
TIME OFF: 14:50: 10/22/2014

Company L D DRILLING INC Lease & Well No. KORIEL UNIT 1-22  
Contractor PETROMARK DRILLING RIG 2 Charge to L D DRILLING INC.  
Elevation \_\_\_\_\_ Formation \_\_\_\_\_ LKC "I,J" Effective Pay \_\_\_\_\_ Ft. Ticket No. J3311  
Date 10/22/14 Sec. 22 Twp. \_\_\_\_\_ 18 S Range \_\_\_\_\_ 14 W County BARTON State KANSAS  
Test Approved By JIM MUSGROVE Diamond Representative JOHN RIEDL

Formation Test No. 3 Interval Tested from 3333 ft. to 3386 ft. Total Depth 3386 ft.  
Packer Depth 3328 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 3333 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

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

Top Recorder Depth (Inside) 3336 ft. Recorder Number 13498 Cap. 6000 P.S.I.  
Bottom Recorder Depth (Outside) 3383 ft. Recorder Number 13498 Cap. 6000 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEMICAL Viscosity 50 Drill Collar Length 120 ft. I.D. 2 1/4 in.  
Weight 9 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 5,200 P.P.M. Drill Pipe Length 3246N ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number NOT REQUESTED Test Tool Length 20 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? NO Reversed Out NO Anchor Length 53 ft. Size 4 1/2-FH in.  
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. 31' DRILL PIPE Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: STRONG (B.O.B 11 MIN.) WEAK BB  
2nd Open: STRONG (B.O.B 11 MIN.) WEAK BB

Recovered 120 ft. of GAS IN PIPE  
Recovered 200 ft. of MCGO (10%MUD 20%GAS 70%OIL)  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks: TOTAL FLUID REC: : 200' (80' IN PIPE ' 120' DRILL COLLARS)  
TOOL SAMPLE GRINDOUT: 5%MUD 15%GAS 85%OIL)

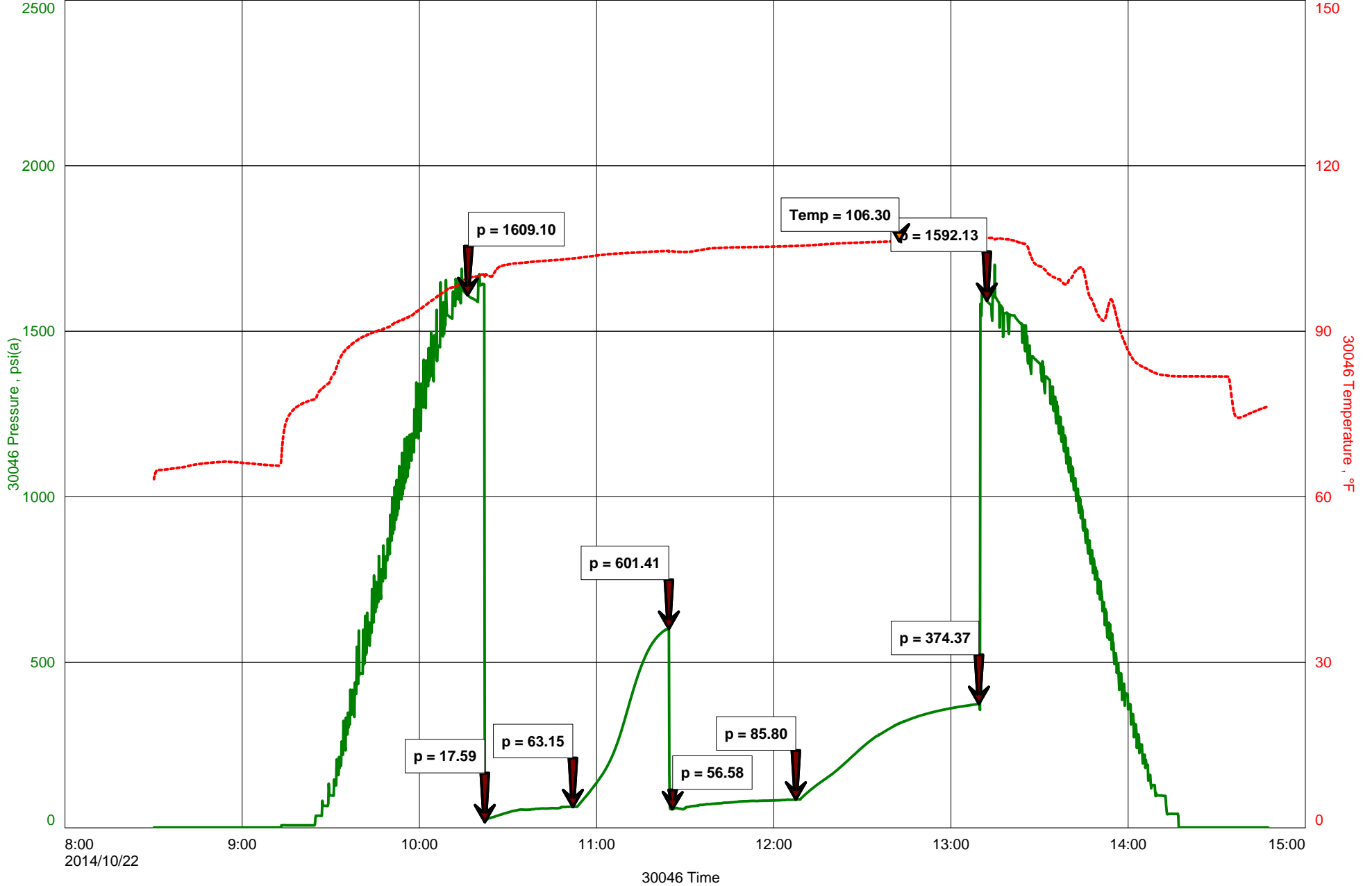
	Price Job
	Other Charges
	Insurance
	Total

Time Set Packer(s) 10:25 A.M A.M. P.M. Time Started Off Bottom 1:10 P.M. A.M. P.M. Maximum Temperature 106

Initial Hydrostatic Pressure..... (A) 1609 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 18 P.S.I. to (C) 63 P.S.I.  
Initial Closed In Period..... Minutes 30 (D) 601 P.S.I.  
Final Flow Period..... Minutes 45 (E) 57 P.S.I. to (F) 66 P.S.I.  
Final Closed In Period..... Minutes 60 (G) 374 P.S.I.  
Final Hydrostatic Pressure..... (H) 1592 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.

# KORIEL UNIT 1-22





# Diamond Testing General Report

**John Riedl**  
**TESTER**  
**CELL: 620-793-0550**

## General Information

<b>Company Name</b>	L D DRILLING INC	<b>Job Number</b>	J3311
<b>Contact</b>	L D DAVIS	<b>Representative</b>	JOHN RIEDL
<b>Well Name</b>	KORIEL UNIT 1-22	<b>Well Operator</b>	L D DRILLING INC.
<b>Unique Well ID</b>		<b>Report Date</b>	2014/10/22
<b>Surface Location</b>	S22/18S/14W	<b>Prepared By</b>	JOHN RIEDL
<b>Field</b>		<b>Qualified By</b>	JIM MUSGROVE

## Test Information

<b>Test Type</b>	DST #3 CONVENTIONAL
<b>Formation</b>	LKC "I,J"
<b>Well Fluid Type</b>	
<b>Test Purpose</b>	

<b>Start Test Date</b>	2014/10/22	<b>Start Test Time</b>	08:30:00
<b>Final Test Date</b>		<b>Final Test Time</b>	14:50:00

## Test Recovery

RECOVERY: 120' GAS IN PIPE  
200' SLIGHTLY MUD CUT GASSY OIL