



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: Mauler Trust 1-27 Dst 2

TIME ON: 21:19 Sep 26
TIME OFF: 04:41 Sep 27

Company L.D Drilling Inc Lease & Well No. Mauler Trust 1-27
Contractor L.D Drilling Inc Charge to L.D Drilling Inc
Elevation 1897 KB Formation _____ L/KC "H-K" Effective Pay _____ Ft. Ticket No. RR243
Date Sep-27-2016 Sec. 27 Twp. _____ 18 S Range _____ 14 W County _____ Barton State KANSAS
Test Approved By Kim Shoemaker Diamond Representative _____ Ricky Ray

Formation Test No. 2 Interval Tested from 3335 ft. to 3420 ft. Total Depth 3420 ft.
Packer Depth 3330 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3335 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 3328 ft. Recorder Number 0062 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 3403 ft. Recorder Number 8471 Cap. 5000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 45 Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight 9.25 Water Loss 9.6 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides 6900 P.P.M. Drill Pipe Length 3303 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 12 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
Did Well Flow? na Reversed Out NA Anchor Length 85A (23P) 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: 1" Blow (BOB in 24 3/4 mins) BBBB
2nd Open: 1" Blow (BOB in 18 1/4 mins) 1/2 BB

Recovered 40 ft. of OWM 10% O 15% W 75% M
Recovered 12 ft. of O 100% O 29 Gravity @ 60 Deg
Recovered 62 ft. of OMW 10% O 70% W 20% M

Recovered <u>114</u> ft. of <u>Total Fluid</u>	PH: <u>7</u>	
Recovered _____ ft. of _____	Chlorides: <u>65,000</u> PPM	Price Job
Recovered _____ ft. of _____	RW: <u>.29 @ 60 Deg</u>	Other Charges
Remarks: Tool Sample: <u>5% O 92% W 3% M</u>		Insurance
		Total

Time Set Packer(s) 11:34 PM Sep 26 ^{A.M.}/_{P.M.} Time Started Off Bottom 2:34 AM Sep 27 ^{A.M.}/_{P.M.} Maximum Temperature 104

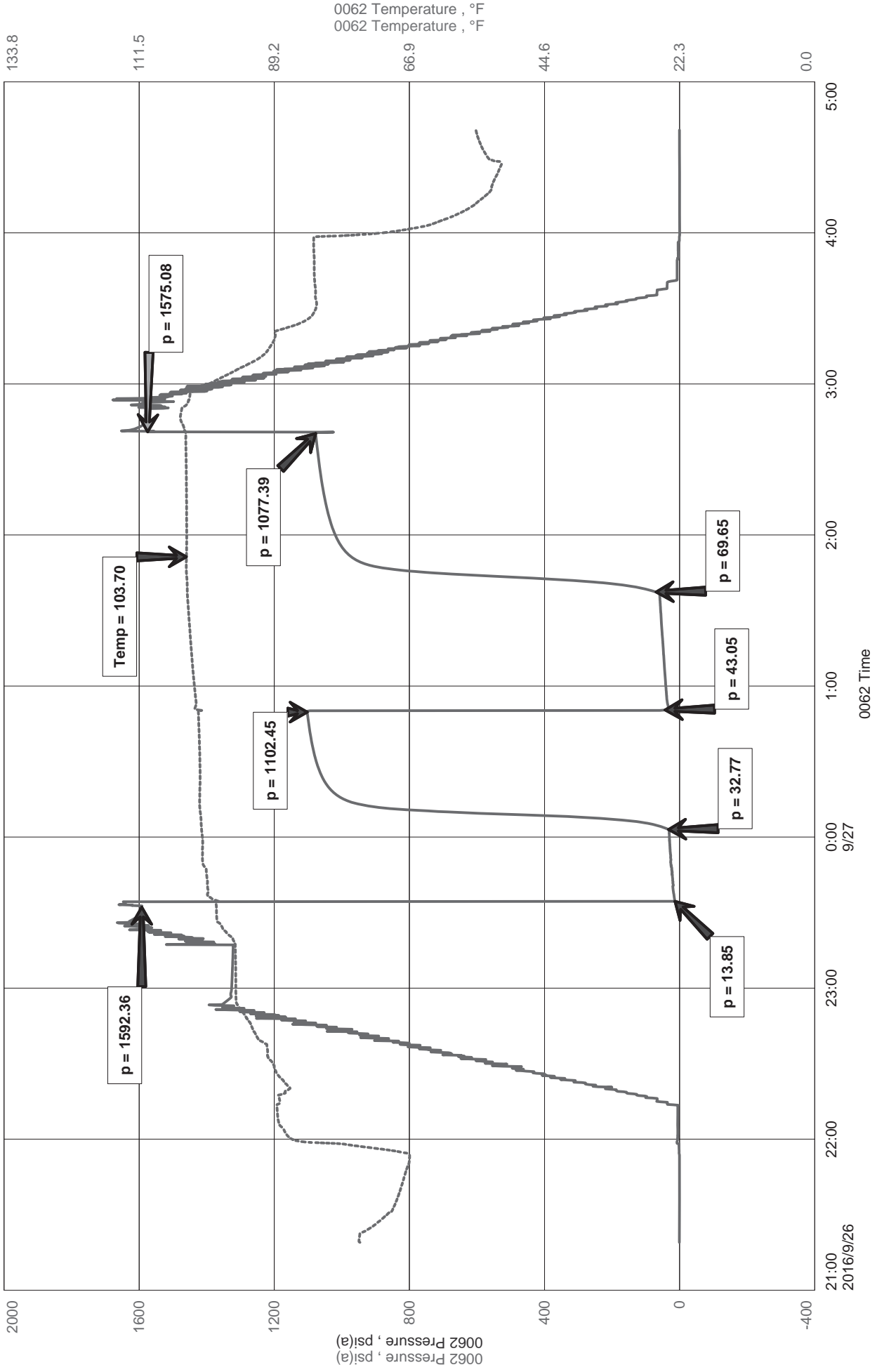
Initial Hydrostatic Pressure..... (A) 1592 P.S.I.
Initial Flow Period..... Minutes 30 (B) 14 P.S.I. to (C) 33 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1102 P.S.I.
Final Flow Period..... Minutes 45 (E) 43 P.S.I. to (F) 70 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1077 P.S.I.
Final Hydrostatic Pressure..... (H) 1575 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.

L.D Drilling Inc
Dst 2 L/KC "H-K" (3335-3420)
Start Test Date: 2016/09/26
Final Test Date: 2016/09/27

Mauler Trust 1-27
Formation: Dst 2 L/KC "H-K" (3335-3420)
Pool: Infield
Job Number: RR243

Mauler Trust 1-27





Diamond Testing LLC

P.O. Box 157

HoisingtonKS 67544

Ricky Ray - Tester

(620) 617-7261

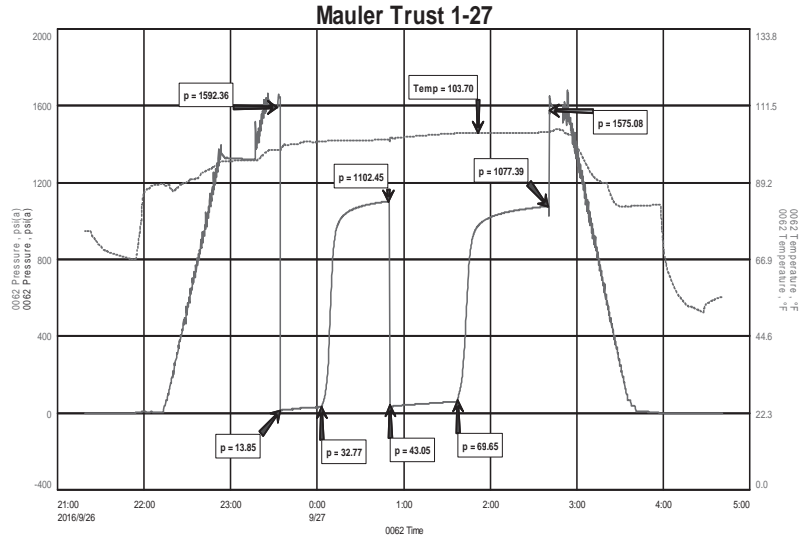
Wellsite Report

General Information

Company Name	L.D Drilling Inc
Contact	Marilyn Davis
Well Operator	L.D Drilling Inc
Well Name	Mauler Trust 1-27
Surface Location	Sec: 27-18s-14w (Barton County)
Field	NA
Well Type	Vertical
Pool	Infield
Test Purpose (AEUB)	Initial Test
Qualified By	
Gauge Name	0062

Test Information

Job Number	RR243
Test Type	Drill Stem Test
Well Fluid Type	01 Oil
Formation	Dst 2 L/KC "H-K" (3335-3420)
Start Test Date	2016/09/26 YYYY/MM/DD
Start Test Time	21:19:00 HH:mm:ss
Final Test Date	2016/09/27 YYYY/MM/DD
Final Test Time	04:41:00 HH:mm:ss



Test Results

Recovery:

40'	OWM	10% O	15% W	75% M
12'	O	100% O	29 Gravity @ 60 deg	
62	OWM	10% O	70% W	20% M
114'	Total Fluid			

Tool Sample: 5% O 92% W 3% M

PH: 7
 Chlorides: 65,000
 RW: .29 @ 70 Deg