DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

DRILL-STEM TEST TICKET

FILE: Mauler Trust 1-27 Dst 1

TIME ON: 03:25

TIME OFF: 10:45

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 Lan "A-G" — Effective Pay ____ Ft. — Ticket No. RR242

Date Sep-26-2016 — Sec. 27 — Twp. 18 S — Range 14 W — County Barton — State KANSAS

Test Approved By Kim Shoemaker — Diamond Representative Ricky Ray

Formation Test No. 1 — Interval Tested from 3271 ft. to 3295 ft. — Total Depth 3295 ft.

Packer Depth 3212 ft. — Size 6 3/4 in. — Packer depth ____ ft. — Size 6 3/4 in.

Packer Depth 3217 ft. — Size 6 3/4 in. — Packer depth ____ ft. — Size 6 3/4 in.

Depth of Selective Zone Set ____

Top Recorder Depth (Inside) 3210 ft. — Recorder Number 0062 — Cap. 5000 P.S.I.

Bottom Recorder Depth (Outside) 3285 ft. — Recorder Number 8471 — Cap. 5000 P.S.I.

Below Straddle Recorder Depth ____ ft. — Recorder Number ____ — Cap. ____ P.S.I.

Mud Type Chem — Viscosity 44 — Drill Collar Length -- ft. — I.D. 2 1/4 in.

Weight 8.8 — Water Loss 9.6 cc. — Weight Pipe Length -- ft. — I.D. 2 7/8 in

Chlorides 5400 P.P.M. — Drill Pipe Length 3185 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 78A (16P) 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 2 mins) BBBB

2nd Open: 2' Blow (BOB in 2 mins) GAS AT SURFACE in 14 mins BBBB

Recovered 32 ft. of MCO 10% O 90% M

Recovered 558 ft. of O 100% O 29 Gravity @ 60 Deg

Recovered ____ ft. of ____

Recovered ____ ft. of ____

Recovered ____ ft. of ____

Recovered ____ ft. of ____

Remarks: Tool Sample: Blown Out

Price Job	
Other Charges	
Insurance	
Total	

Time Set Packer(s) 5:34 AM A.M. P.M. — Time Started Off Bottom 8:34 AM A.M. P.M. — Maximum Temperature 106

Initial Hydrostatic Pressure ..... (A) 1540 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 68 P.S.I. to (C) 135 P.S.I.

Initial Closed In Period ..... Minutes 45 (D) 946 P.S.I.

Final Flow Period ..... Minutes 45 (E) 160 P.S.I. to (F) 244 P.S.I.

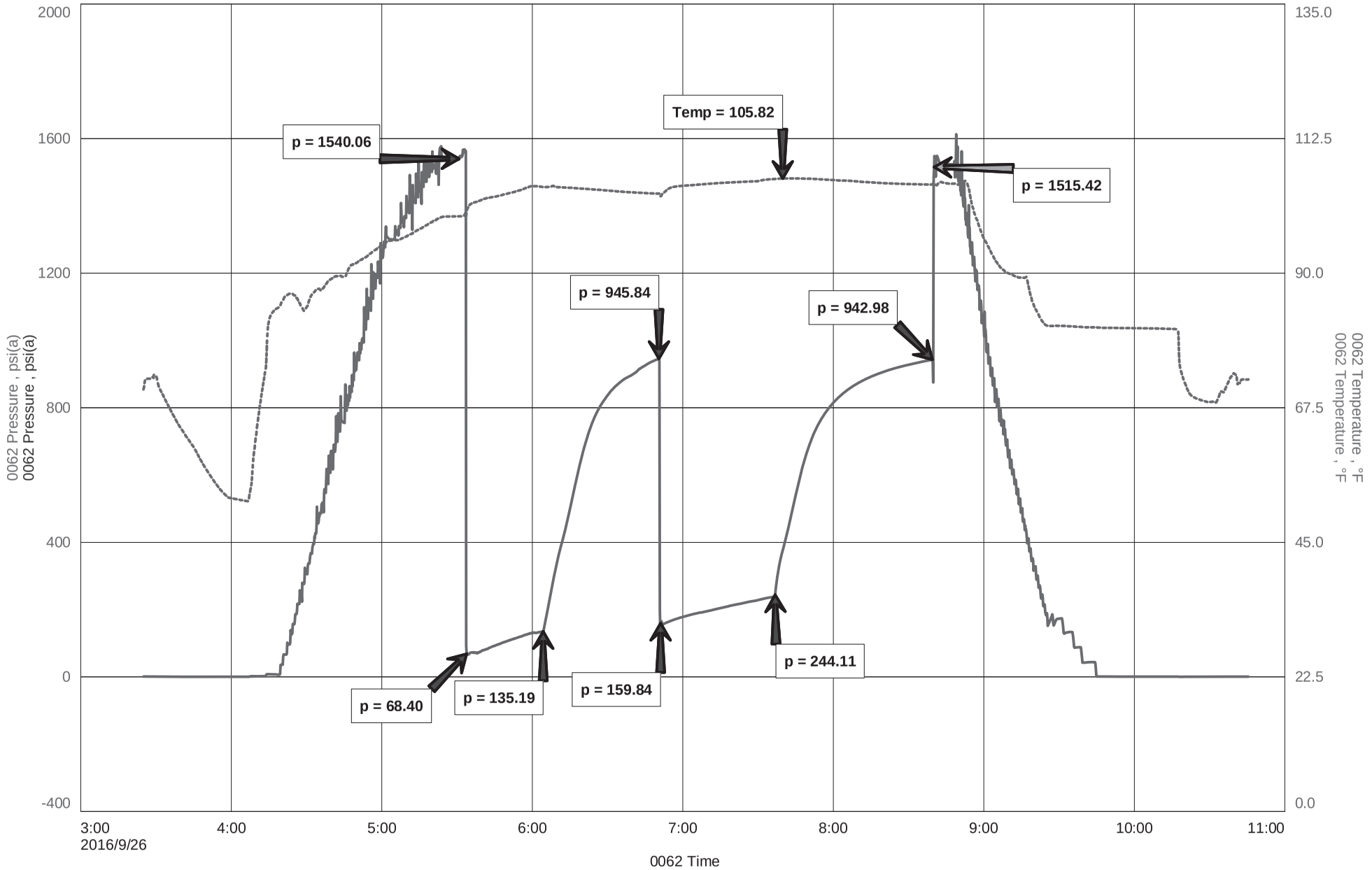
Final Closed In Period ..... Minutes 60 (G) 943 P.S.I.

Final Hydrostatic Pressure ..... (H) 1515 P.S.I.

L.D Drilling Inc
Dst 1 Lans A-G (3217-3295)
Start Test Date: 2016/09/26
Final Test Date: 2016/09/26

Mauler Trust 1-27
Formation: Dst 1 Lans A-G (3217-3295)
Pool: Infield
Job Number: RR242

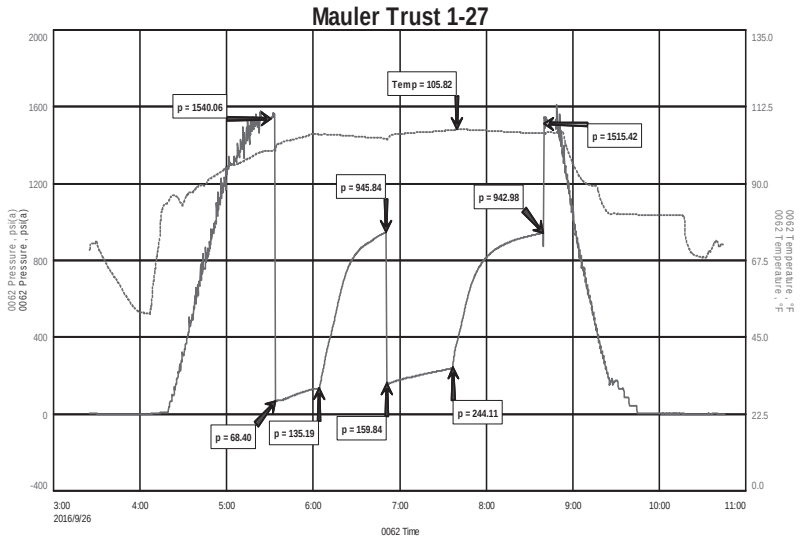
Mauler Trust 1-27



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	**RR242**
Test Type	**Drill Stem Test**
Well Fluid Type	**01 Oil**
Formation	**Dst 1 Lans A-G (3217-3295)**
Start Test Date	**2016/09/26 YYYY/MM/DD**
Start Test Time	**03:25:00 HH:mm:ss**
Final Test Date	**2016/09/26 YYYY/MM/DD**
Final Test Time	**10:45:00 HH:mm:ss**

Test Results

Recovery:

32'	**MCO**	**10% O**	**90% M**
558'	**O**	**100% O**	**29 Gravity @ 60 Deg**

Tool Sample: **Blown Out**