



DIAMOND TESTING
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: ernsting1-1dst1

TIME ON: 03:14
 TIME OFF: 11:36

Company LD Drilling Inc Lease & Well No. Ernsting #1-1
 Contractor Petromark Rig #2 Charge to LD Drilling Inc
 Elevation 1792 KB Formation Lans A-D Effective Pay _____ Ft. Ticket No. S0543
 Date 2-25-15 Sec. 1 Twp. 20 S Range 12 W County Barton State KANSAS
 Test Approved By Kurt Talbot Diamond Representative Jacob McCallie

Formation Test No. 1 Interval Tested from 3110 ft. to 3180 ft. Total Depth 3180 ft.
 Packer Depth 3105 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.
 Packer Depth 3110 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3098 ft. Recorder Number 5515 Cap. 5,000 P.S.I.
 Bottom Recorder Depth (Outside) 3135 ft. Recorder Number 5586 Cap. 5,000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 50 Drill Collar Length 123 ft. I.D. 2 1/4 in.
 Weight 9.1 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 6,400 P.P.M. Drill Pipe Length 2961 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number NA Test Tool Length 26 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 70 (38.5 A) 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: 3/4" Blow- Built to 10" in 38 min **NOBB**
 2nd Open: 1/2" Blow- Built to 9" in 45 min **NOBB**

Recovered 201 ft. of SLMCW 92% W 8% M
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Remarks: _____
Diesel in bucket
 Tool Sample: 64% W 36% M

Time Set Packer(s) 6:25 AM A.M. Time Started Off Bottom 9:33 AM P.M. Maximum Temperature 98

Initial Hydrostatic Pressure..... (A) 1484 P.S.I.
 Initial Flow Period..... Minutes 38 (B) 15 P.S.I. to (C) 77 P.S.I.
 Initial Closed In Period..... Minutes 45 (D) 614 P.S.I.
 Final Flow Period..... Minutes 45 (E) 79 P.S.I. to (F) 108 P.S.I.
 Final Closed In Period..... Minutes 60 (G) 589 P.S.I.
 Final Hydrostatic Pressure..... (H) 1477 P.S.I.

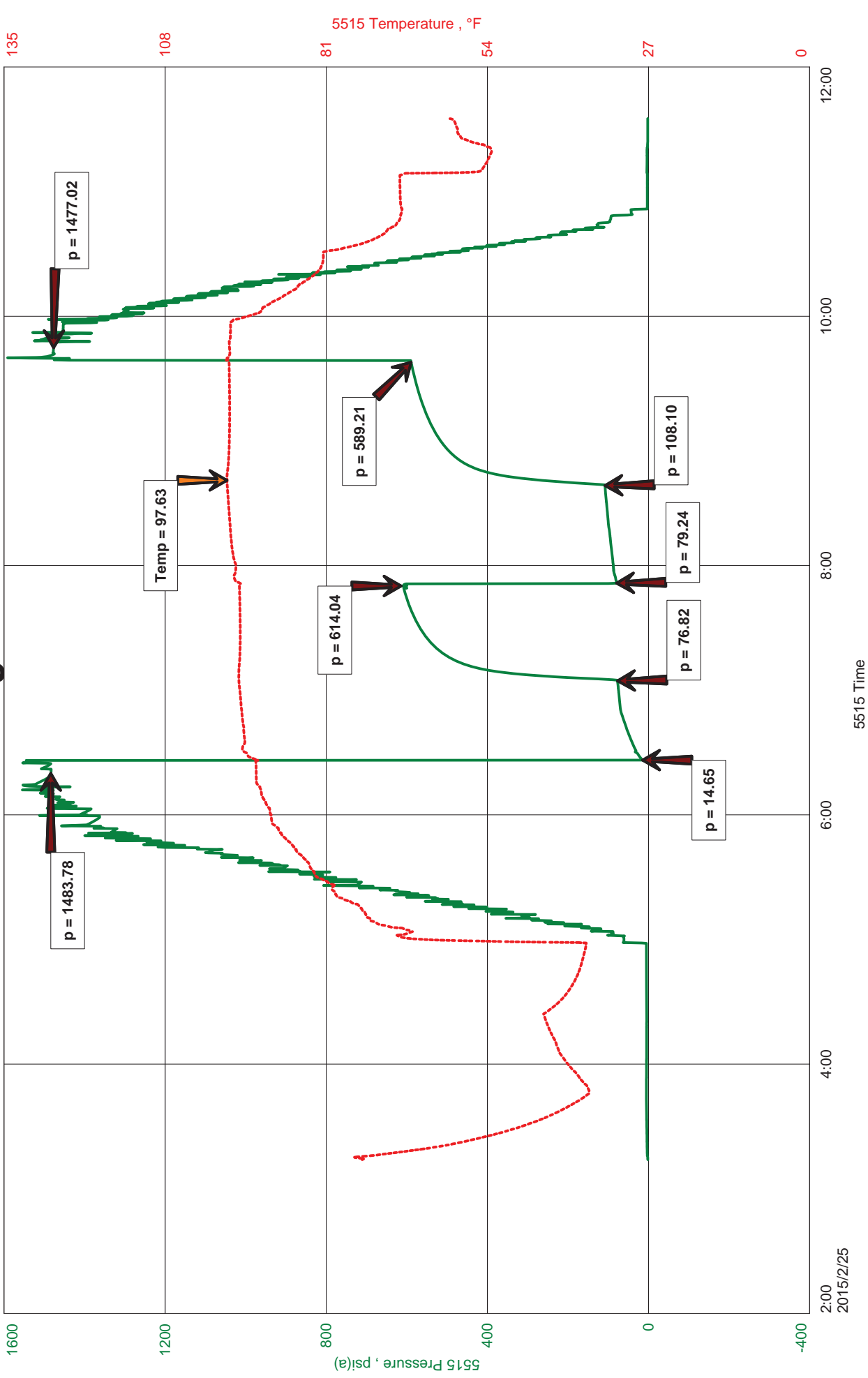
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
Tool Sample: <u>64% W 36% M</u>	Total

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.

LD Drilling Inc
DST #1 Lans A-D 3110-3180'
Start Test Date: 2015/02/25
Final Test Date: 2015/02/25

Ernsting #1-1
Formation: DST #1 Lans A-D 3110-3180'
Pool: Infield
Job Number: S0543

Ernsting #1-1



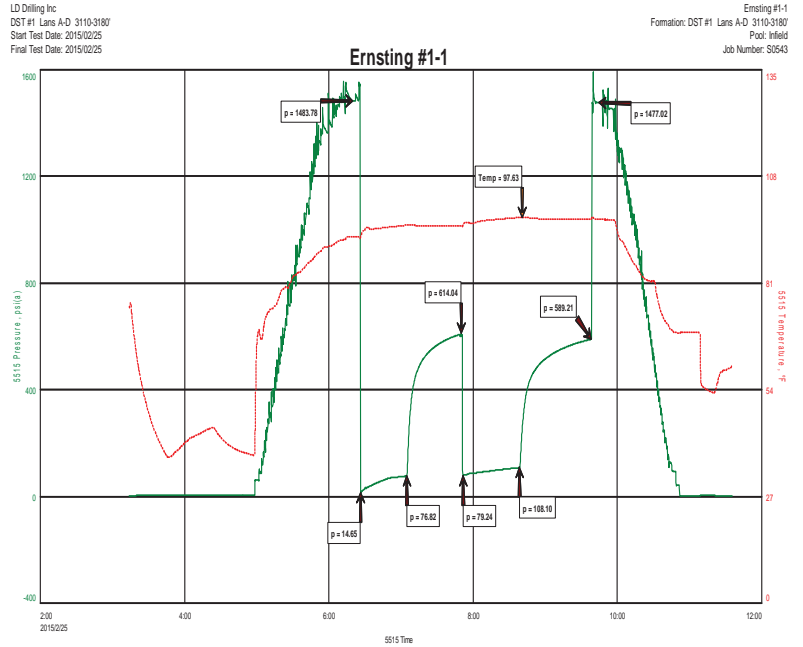


Hoisington, Kansas

JACOB MCCALLIE
620-617-7116
mccallie.dtlc@gmail.com

General Information

Company Name	LD Drilling Inc	Contact	LD Davis
Well Name	Ernsting #1-1	Well Name	Ernsting #1-1
Unique Well ID	DST #1 Lans A-D 3110-3180'	Surface Location	SEC 1-20S-12W Barton County
Field	Chase-Silica	Well Operator	LD Drilling Inc
Well Fluid Type	06 Water	Test Type	Drill Stem Test
Test Purpose (AEUB)	Initial Test	Well Type	Vertical
Start Test Date	2015/02/25	Formation	DST #1 Lans A-D 3110-3180'
Start Test Time	03:14:00	Well Fluid Type	06 Water
Final Test Date	2015/02/25	Test Purpose (AEUB)	Initial Test
Final Test Time	11:36:00	Start Test Date	2015/02/25
Job Number	S0543	Start Test Time	03:14:00
Representative	Jacob McCallie	Final Test Date	2015/02/25
Prepared By	Jacob McCallie	Final Test Time	11:36:00
Report Date	2015/02/25	Job Number	S0543



FLUID RECOVERY

201' SLMCW 92% W 8% M

TOOL SAMPLE:
 64% W 36% M