



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: dodge2-31dst1

TIME ON: 05:38
TIME OFF: 11:43

Company LD Drilling Inc. Lease & Well No. Dodge #2-31
Contractor Petromark Drilling Rig 2 Charge to LD Drilling Inc.
Elevation 1837 KB Formation Arbuckle Effective Pay _____ Ft. Ticket No. S0517
Date 11-19-14 Sec. 31 Twp. 17 S Range 13 W County Barton State KANSAS
Test Approved By Kim Shoemaker Diamond Representative Jacob McCallie

Formation Test No. 1 Interval Tested from 3307 ft. to 3347 ft. Total Depth 3347 ft.

Packer Depth 3302 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Packer Depth 3307 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3288 ft. Recorder Number 5515 Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 3310 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 58 Drill Collar Length 123 ft. I.D. 2 1/4 in.

Weight 8.9 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 4,600 P.P.M. Drill Pipe Length 3151 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number 4 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.

Did Well Flow? NO Reversed Out NO Anchor Length 40 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: 1/4" Blow- Built to 1 1/4" in 30 min **NOBB**

2nd Open: No Blow- Built to WSB in 30 min **NOBB**

Recovered 2 ft. of CO 100% O GRAVITY: 35 @ 60 degrees F

Recovered 26 ft. of SLOCM 5% O 95% M

Recovered 28 ft. of TOTAL FLUID

Recovered _____ ft. of _____

Recovered _____ ft. of _____ Price Job

Recovered _____ ft. of _____ Other Charges

Remarks: _____ Insurance

Diesel in bucket

TOOL SAMPLE: 22% O 78% M Total

Time Set Packer(s) 8:01 AM A.M. Time Started Off Bottom 10:01 AM A.M. Maximum Temperature 100
P.M. P.M.

Initial Hydrostatic Pressure..... (A) 1598 P.S.I.

Initial Flow Period..... Minutes 30 (B) 9 P.S.I. to (C) 20 P.S.I.

Initial Closed In Period..... Minutes 30 (D) 844 P.S.I.

Final Flow Period..... Minutes 30 (E) 21 P.S.I. to (F) 27 P.S.I.

Final Closed In Period..... Minutes 30 (G) 732 P.S.I.

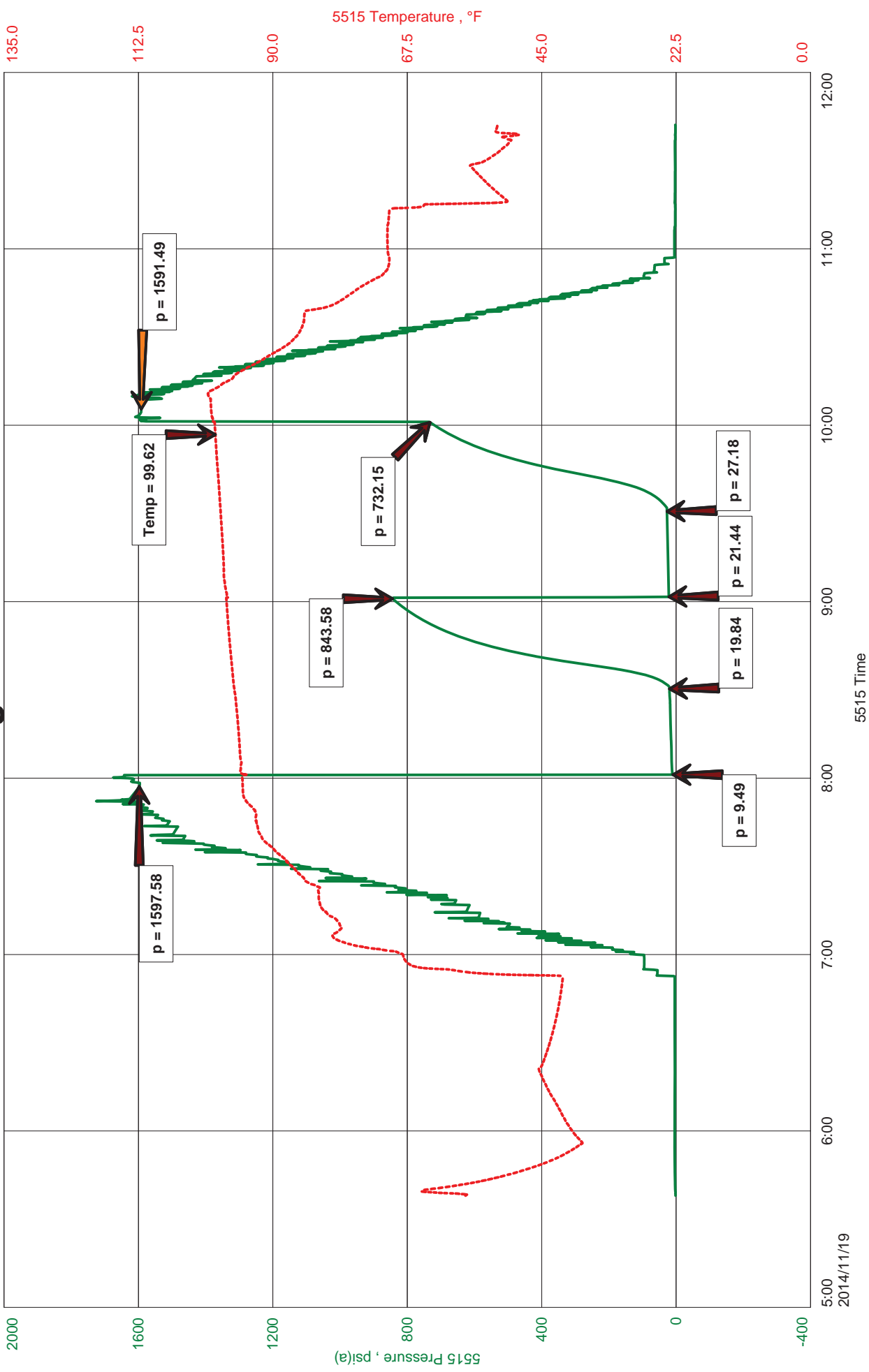
Final Hydrostatic Pressure..... (H) 1591 P.S.I.

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.

LD Drilling Inc.
DST #1 Arbuckle 3307-3347'
Start Test Date: 2014/11/19
Final Test Date: 2014/11/19

Dodge #2-31
Formation: DST #1 Arbuckle 3307-3347'
Pool: Infield
Job Number: S0517

Dodge #2-31





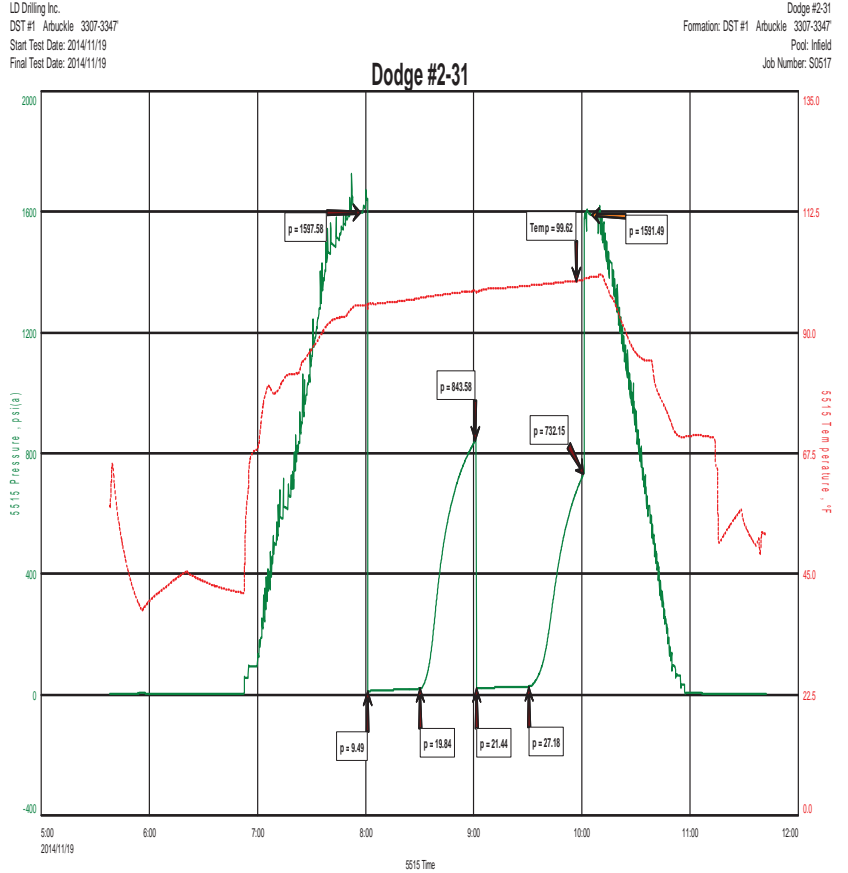
Hoisington, Kansas

JACOB MCCALLIE
620-627-7116
mccallie.dtlc@gmail.com

General Information

Company Name LD Drilling Inc.

Contact	LD Davis
Well Name	Dodge #2-31
Unique Well ID	DST #1 Arbuckle 3307-3347'
Surface Location	SEC 31-17S-13W Barton County
Field	Finn
Well Operator	LD Drilling Inc.
Test Type	Drill Stem Test
Well Type	Vertical
Formation	DST #1 Arbuckle 3307-3347'
Well Fluid Type	01 Oil
Test Purpose (AEUB)	Initial Test
Start Test Date	2014/11/19
Start Test Time	05:38:00
Final Test Date	2014/11/19
Final Test Time	11:43:00
Job Number	S0517
Representative	Jacob McCallie
Prepared By	Jacob McCallie
Report Date	2014/11/19



FLUID RECOVERY

2'	CO	100% O
26'	SLOCM	5% O 95% M
28'	TOTAL FLUID	

GRAVITY: 35 @ 60 degrees F

TOOL SAMPLE:
 22% O 78% M