



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: dodge2-31dst3

TIME ON: 06:07
TIME OFF: 13:11

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. S0519
Date 11-20-14 Sec. 31 Twp. _____ 17 S Range _____ 13 W County _____ Barton State KANSAS
Test Approved By Kim Shoemaker Diamond Representative _____ Jacob McCallie

Formation Test No. 3 Interval Tested from 3350 ft. to 3360 ft. Total Depth 3360 ft.
Packer Depth 3345 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3350 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3335 ft. Recorder Number _____ 5515 Cap. _____ 5,000 P.S.I.
Bottom Recorder Depth (Outside) 3351 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 56 Drill Collar Length 123 ft. I.D. 2 1/4 in.
Weight 9.3 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 6,300 P.P.M. Drill Pipe Length 3198 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number SJ Test Tool Length 29 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 10 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: 1/2" Blow- Built to 5 1/2" in 30 min **NOBB**
2nd Open: WSB- Built to 5 1/2" in 45 min **NOBB**

Recovered 138 ft. of SLMCW 87% W 13% M
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Remarks: _____
Diesel in bucket
TOOL SAMPLE: 1% O 59% W 40% M

Time Set Packer(s) 8:35 AM A.M. Time Started Off Bottom 11:35 AM A.M. Maximum Temperature 103
P.M. P.M.

Initial Hydrostatic Pressure..... (A) 1643 P.S.I.
Initial Flow Period..... Minutes 30 (B) 12 P.S.I. to (C) 45 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1071 P.S.I.
Final Flow Period..... Minutes 45 (E) 47 P.S.I. to (F) 75 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1056 P.S.I.
Final Hydrostatic Pressure..... (H) 1601 P.S.I.

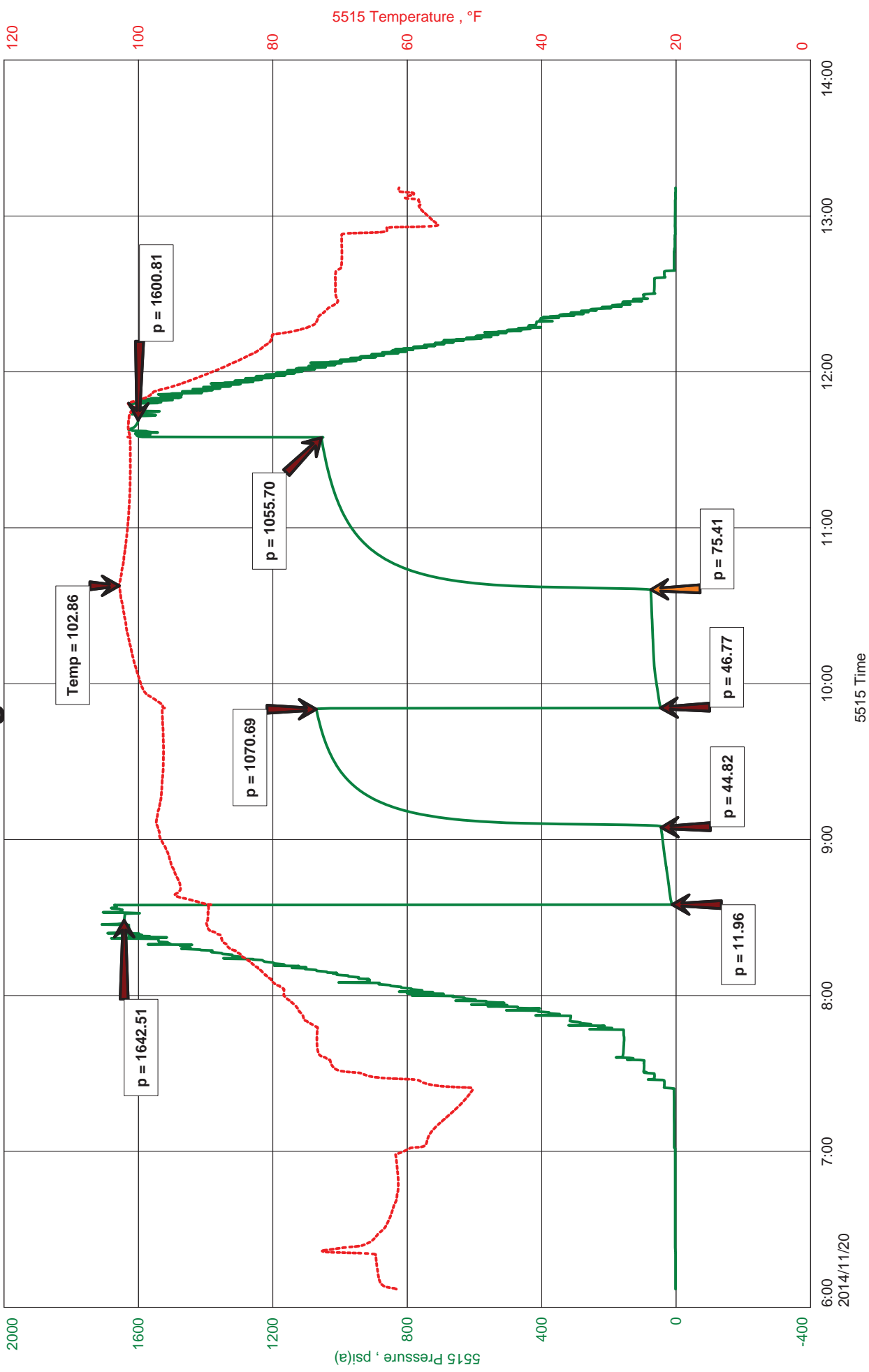
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
<u>Diesel in bucket</u>	
<u>TOOL SAMPLE: 1% O 59% W 40% M</u>	Total

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 #3 Arbuckle 3350-3360'
Start Test Date: 2014/11/20
Final Test Date: 2014/11/20

Dodge #2-31
Formation: DST #3 Arbuckle 3350-3360'
Pool: Infield
Job Number: S0519

Dodge #2-31





Hoisington, Kansas

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

General Information

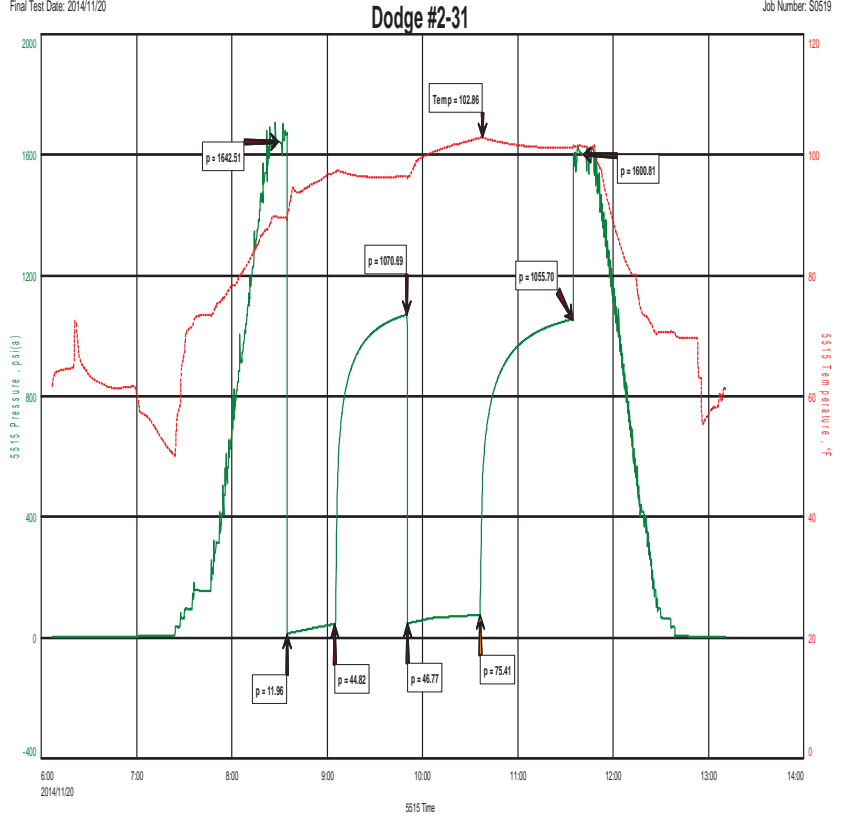
Company Name LD Drilling Inc

Contact
Well Name
Unique Well ID
Surface Location
Field
Well Operator
Test Type
Well Type
Formation
Well Fluid Type
Test Purpose (AEUB)
Start Test Date
Start Test Time
Final Test Date
Final Test Time
Job Number
Representative
Prepared By
Report Date

LD Davis
Dodge #2-31
DST #3 Arbuckle 3350-3360'
SEC 31-17S-13W Barton County
Finn
LD Drilling Inc.
Drill Stem Test
Vertical
DST #3 Arbuckle 3350-3360'
06 Water
Initial Test
2014/11/20
06:07:00
2014/11/20
13:11:00
S0519
Jacob McCallie
Jacob McCallie
2014/11/20

LD Drilling Inc
 DST #3 Arbuckle 3350-3360'
 Start Test Date: 2014/11/20
 Final Test Date: 2014/11/20

Dodge #2-31
 Formation: DST #3 Arbuckle 3350-3360'
 Pool: Infield
 Job Number: S0519



FLUID RECOVERY

138' slmcw 87% W 13% M

PH: 7
 RW: .4 @ 50 degrees F
 Chlorides: 20,000 ppm

TOOL SAMPLE:
 1% O 59% W 40% M