



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: ernsting1-1dst4

TIME ON: 04:05
TIME OFF: 11:41

Company LD Drilling Inc Lease & Well No. Ernsting #1-1
Contractor Petromark Rig #2 Charge to LD Drilling Inc
Elevation 1792 KB Formation Arbuckle Effective Pay _____ Ft. Ticket No. S0546
Date 2-27-15 Sec. 1 Twp. 20 S Range 12 W County Barton State KANSAS
Test Approved By Kurt Talbot Diamond Representative Jacob McCallie

Formation Test No. 4 Interval Tested from 3316 ft. to 3341 ft. Total Depth 3350 ft.
Packer Depth 3311 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.
Packer Depth 3316 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3304 ft. Recorder Number 5515 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 3319 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 64 Drill Collar Length 123 ft. I.D. 2 1/4 in.
Weight 9.5 Water Loss 9.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 10,500 P.P.M. Drill Pipe Length 3167 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 34 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 BB in 11 min WSBB
2nd Open: 1/2" Blow- Built to BB in 9 1/2 min WSBB

Recovered 189 ft. of GIP
Recovered 404 ft. of CO 100% O GRAVITY: 40 @ 60 degrees F
Recovered 94 ft. of OCM 22% O 78% M
Recovered 498 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>Diesel in bucket</u>	Insurance
Tool Sample: <u>45% O 55% M</u>	Total

Time Set Packer(s) 6:23 AM A.M. Time Started Off Bottom 9:23 AM P.M. Maximum Temperature 101

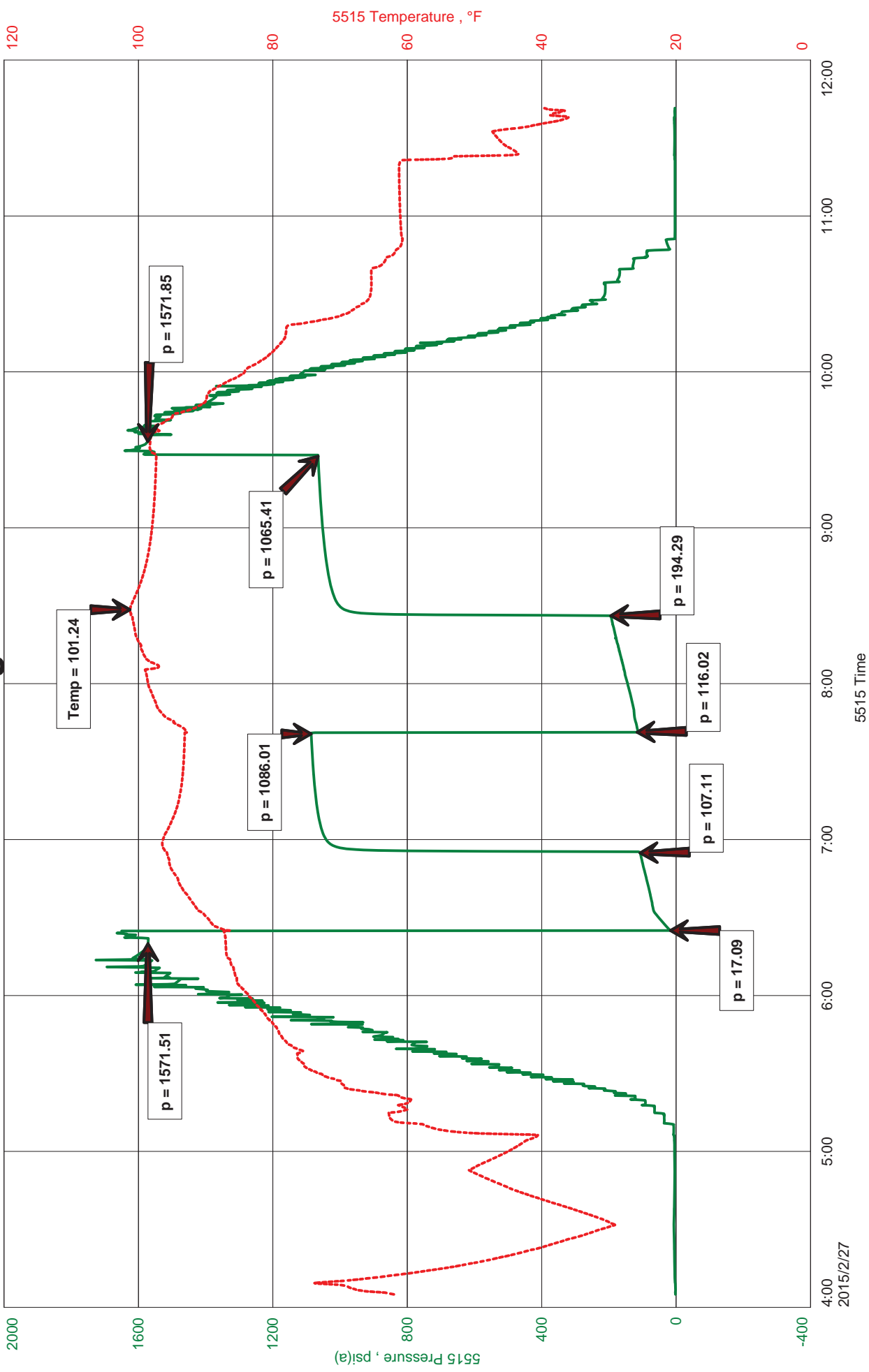
Initial Hydrostatic Pressure..... (A) 1572 P.S.I.
Initial Flow Period..... Minutes 30 (B) 17 P.S.I. to (C) 107 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1086 P.S.I.
Final Flow Period..... Minutes 45 (E) 116 P.S.I. to (F) 194 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1065 P.S.I.
Final Hydrostatic Pressure..... (H) 1572 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
DST #4 Arbuckle 3316-3350'
Start Test Date: 2015/02/27
Final Test Date: 2015/02/27

Ernsting #1-1
Formation: DST #4 Arbuckle 3316-3350'
Pool: Infield
Job Number: S0546

Ernsting #1-1





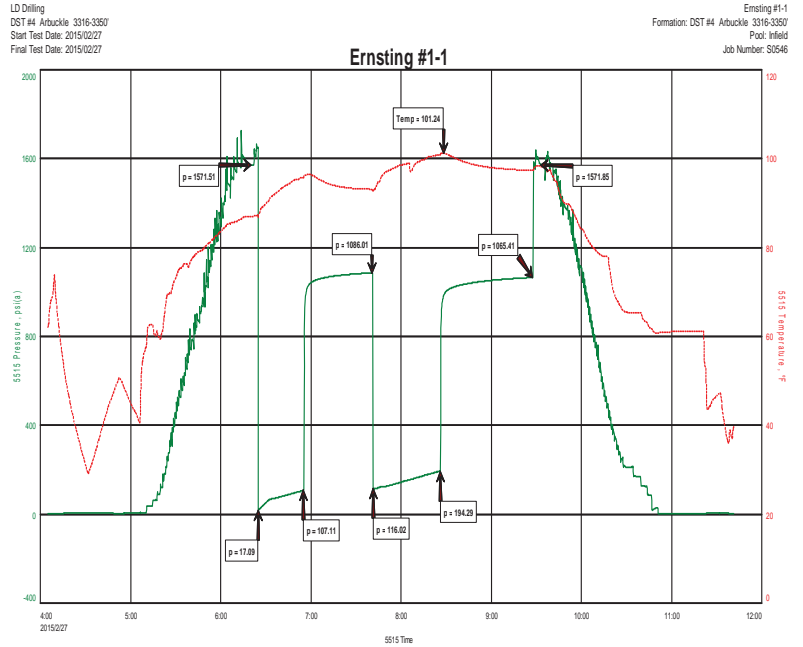
Hoisington, Kansas

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

General Information

Company Name LD Drilling

Contact	LD Davis
Well Name	Ernsting #1-1
Unique Well ID	DST #4 Arbuckle 3316-3350'
Surface Location	SEC 1-20S-12W Barton County
Field	Chase-Silica
Well Operator	LD Drilling
Test Type	Drill Stem Test
Well Type	Vertical
Formation	DST #4 Arbuckle 3316-3350'
Well Fluid Type	01 Oil
Test Purpose (AEUB)	Initial Test
Start Test Date	2015/02/27
Start Test Time	04:05:00
Final Test Date	2015/02/27
Final Test Time	11:41:00
Job Number	S0546
Representative	Jacob McCallie
Prepared By	Jacob McCallie
Report Date	2015/02/27



FLUID RECOVERY

189'	GIP		
404'	CO	100% O	GRAVITY: 40 @ 60 degrees F
94'	OCM	22% O 78% M	
498'	TOTAL FLUID		

TOOL SAMPLE:
45% O 55% M