



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: Norton 4-28 Dst 1

TIME ON: 07:54  
TIME OFF: 17:30

Company LD Drilling Inc Lease & Well No. Norton 4-28  
Contractor L.D Drilling Inc Charge to L.D Drilling Inc  
Elevation 2371 Sur Formation Chero Sand Effective Pay \_\_\_\_\_ Ft. Ticket No. RR220  
Date March-5-2016 Sec. 28 Twp. 21 S Range 23 W County Hodgeman State KANSAS  
Test Approved By Kim Shoemaker Diamond Representative Ricky Ray

Formation Test No. 1 Interval Tested from 4536 ft. to 4604 ft. Total Depth 4604 ft.  
Packer Depth 4531 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 4536 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_  
Top Recorder Depth (Inside) 4524 ft. Recorder Number 0062 Cap. 5000 P.S.I.  
Bottom Recorder Depth (Outside) 4574 ft. Recorder Number 5954 Cap. 5000 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type Chem Viscosity 40 Drill Collar Length \_\_\_\_\_ ft. I.D. 2 1/4 in.  
Weight 9 Water Loss 10.4 cc. Weight Pipe Length \_\_\_\_\_ ft. I.D. 2 7/8 in.  
Chlorides 6100 P.P.M. Drill Pipe Length 4504 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 68A (36P) 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 (BOB in 16:49 mins) NOBB  
2nd Open: 1/4" Blow (BOB in 17 mins) NOBB

Recovered <u>481</u> ft. of HWM	<u>45%</u> W	<u>55%</u> M	
Recovered <u>124</u> ft. of HWM	<u>80%</u> W	<u>20%</u> M	
Recovered <u>605</u> ft. of Total Fluid			PH: <u>7</u>
Recovered _____ ft. of _____			chlorides: <u>36,000</u> PPM
Recovered _____ ft. of _____			RW .22 @ 65 Deg
Recovered _____ ft. of _____			Price Job
Remarks: Tool Sample: <u>95% W</u> <u>5% M</u>			Other Charges
			Insurance
			Total

Time Set Packer(s) 11:20 AM A.M. P.M. Time Started Off Bottom 2:20 PM A.M. P.M. Maximum Temperature 132

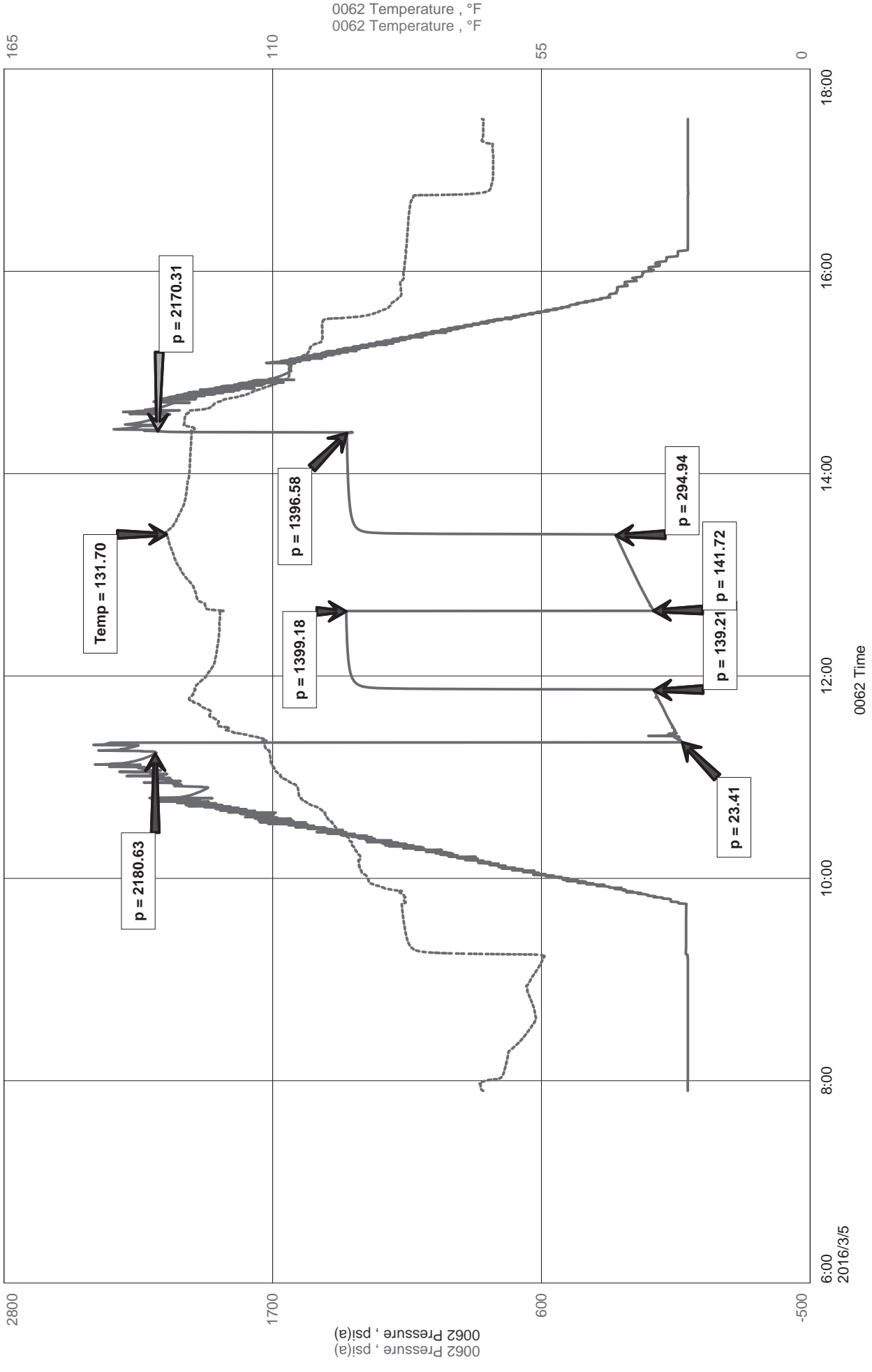
Initial Hydrostatic Pressure..... (A) 2181 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 232 P.S.I. to (C) 139 P.S.I.  
Initial Closed In Period..... Minutes 45 (D) 1399 P.S.I.  
Final Flow Period..... Minutes 45 (E) 142 P.S.I. to (F) 295 P.S.I.  
Final Closed In Period..... Minutes 60 (G) 1397 P.S.I.  
Final Hydrostatic Pressure..... (H) 2170 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.

L.D Drilling Inc  
Dst 1 Chero Sand (4536-4604)  
Start Test Date: 2015/03/05  
Final Test Date: 2015/03/05

Norton 4-28  
Formation: Dst 1 Chero Sand (4536-4604)  
Pool: infield  
Job Number: RR220

# Norton 4-28





Diamond Testing LLC  
 P.O. Box 157  
 Hoisington KS 67544

**Ricky Ray - Tester**  
**(620) 617-7261**

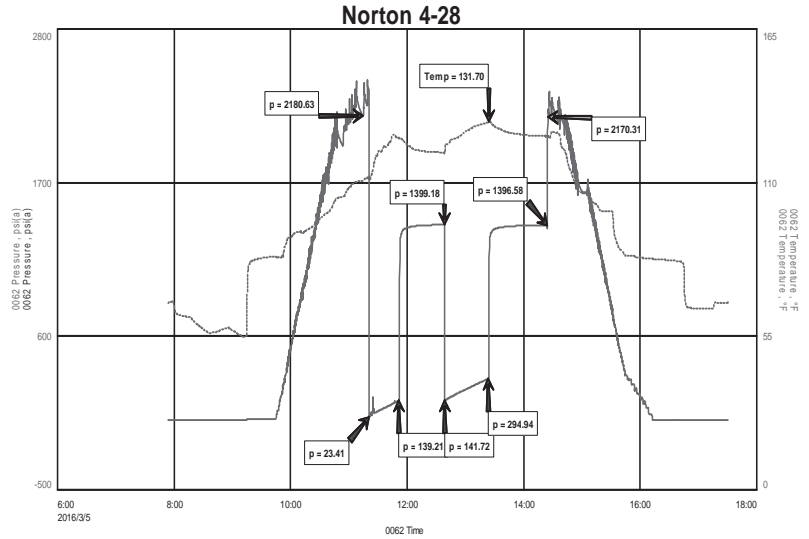
# Wellsite Report

## General Information

Company Name	L.D Drilling Inc
Contact	L.D Davis
Well Operator	L.D Drilling Inc
Well Name	Norton 4-28
Surface Location	Sec: 28-21s-23w (Hodgeman County)
Field	Bamberger
Well Type	Vertical
Pool	infield
Test Purpose (AEUB)	Initial Test
Qualified By	Kim Shoemaker
Gauge Name	0062

## Test Information

Job Number	RR220
Test Type	Drill Stem Test
Well Fluid Type	01 Oil
Formation	Dst 1 Chero Sand (4536-4604)
Start Test Date	2015/03/05 YYYY/MM/DD
Start Test Time	07:54:00 HH:mm:ss
Final Test Date	2015/03/05 YYYY/MM/DD
Final Test Time	17:30:00 HH:mm:ss



## Test Results

### Recovery:

481'	HWM	45% W	55% M
124'	HWM	80% W	20% M
605'	Total Fluid		

Tool Sample:            95% W            5% M

PH: 7  
 Chlorides: 36,000 PPM  
 RW .22 @ 65 Deg