



**DIAMOND TESTING**  
 P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
 (800) 542-7313

TIME ON: 10:59  
 TIME OFF: 17:58

**DRILL-STEM TEST TICKET**

FILE: Barrow Properties L.C 2 Dst 2

Company L.D Drilling INC. Lease & Well No. Barrow Properties L.C  
 Contractor Petromark Drilling Rig 2 Charge to L.D Drilling L.C  
 Elevation 1813 KB Formation \_\_\_\_\_ Lan "C-F" Effective Pay \_\_\_\_\_ Ft. Ticket No. RR053  
 Date 07/21/2014 Sec. 5 Twp. \_\_\_\_\_ 19 S Range \_\_\_\_\_ 12 W County \_\_\_\_\_ Barton State KANSAS  
 Test Approved By Wes Hanson Diamond Representative RICKY RAY

Formation Test No. 2 Interval Tested from 3138 ft. to 3180 ft. Total Depth 3180 ft.  
 Packer Depth 3133 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
 Packer Depth 3138 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_  
 Top Recorder Depth (Inside) 3126 ft. Recorder Number 0062 Cap. 5000 P.S.I.  
 Bottom Recorder Depth (Outside) 3142 ft. Recorder Number 5954 Cap. 5000 P.S.I.  
 Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEMICAL Viscosity 49 Drill Collar Length 122 ft. I.D. 2 1/4 in.  
 Weight 8.9 Water Loss 9.6 cc. Weight Pipe Length \_\_\_\_\_ ft. I.D. 2 7/8 in.  
 Chlorides 9500 P.P.M. Drill Pipe Length 2991 ft. I.D. 3 1/2 in.  
 Jars: Make STERLING Serial Number SJ Test Tool Length 25 ft. Tool Size 3 1/2-IF in.  
 Did Well Flow? NA Reversed Out NA Anchor Length 42 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: 2" Blow BOB in 1 1/4 mins NOBB  
 2nd Open: 3/4 Blow BOB in 4 3/4 mins NOBB

Recovered <u>10</u> ft. of <u>GIP</u>		
Recovered <u>50</u> ft. of <u>SLG+SLOWCM</u>	<u>2% G 1% O 8% W 89% M</u>	
Recovered <u>1178</u> ft. of <u>SLG+SLOHMCW</u>	<u>4% G 1% O 70% W 25% M</u>	
Recovered <u>122</u> ft. of <u>SLO+HWM</u>	<u>1% O 86% W 13% M</u>	
Recovered <u>1350</u> ft. of <u>Total Fluid</u>	<u>PH: 7</u>	<u>Price Job</u>
Recovered _____ ft. of _____	<u>RW .09 @ 102 Deg</u>	<u>Other Charges</u>
Remarks: _____	<u>Chlorides: 55,000 PPM</u>	<u>Insurance</u>
Tool Sample: <u>1% O 97% W 2% M</u>		<u>Total</u>

Time Set Packer(s) 12:35 PM A.M. Time Started Off Bottom 3:35 PM P.M. Maximum Temperature 112

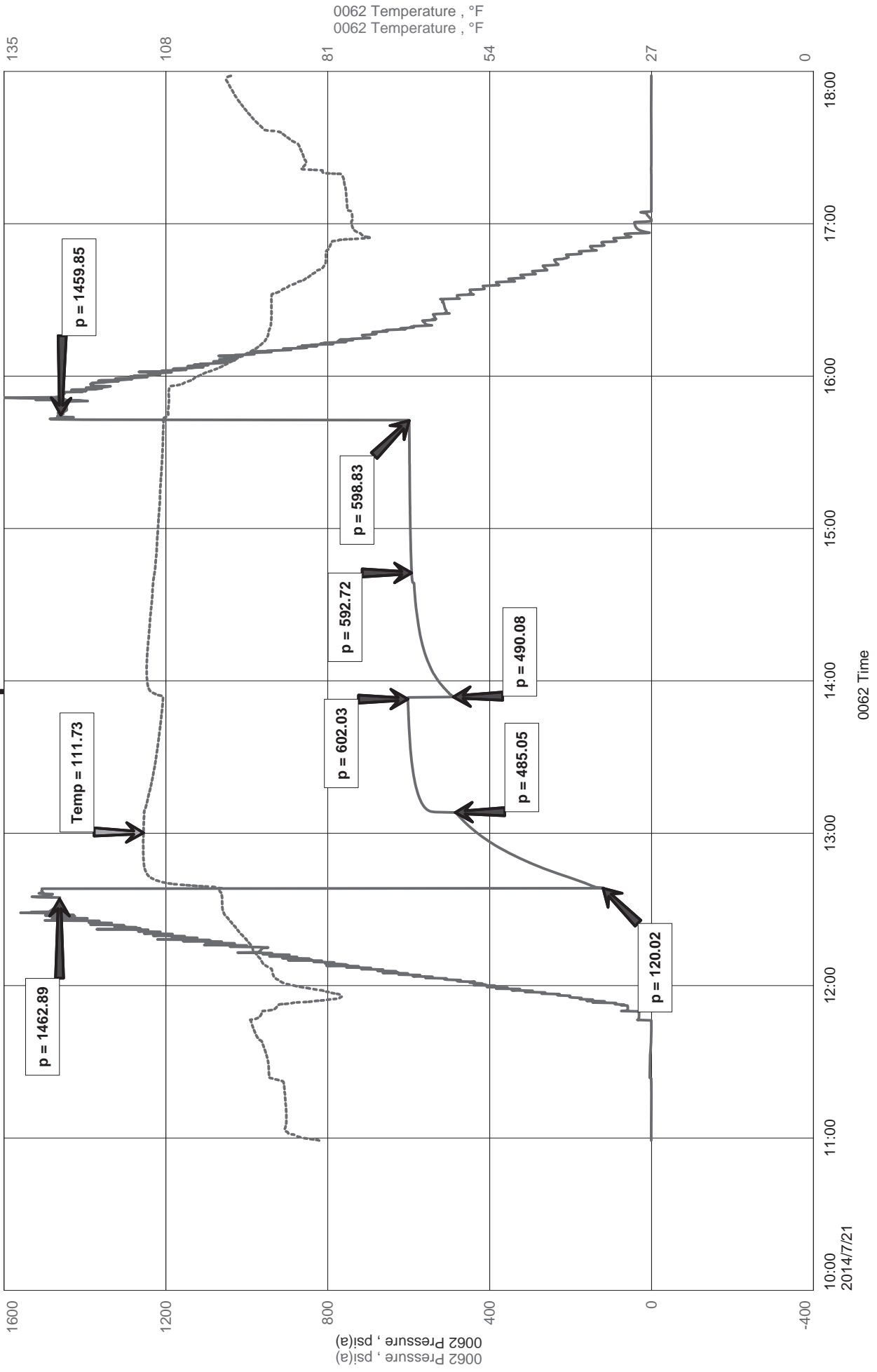
Initial Hydrostatic Pressure..... (A) 1463 P.S.I.  
 Initial Flow Period..... Minutes 30 (B) 120 P.S.I. to (C) 485 P.S.I.  
 Initial Closed In Period..... Minutes 45 (D) 602 P.S.I.  
 Final Flow Period..... Minutes 45 (E) 490 P.S.I. to (F) 593 P.S.I.  
 Final Closed In Period..... Minutes 60 (G) 599 P.S.I.  
 Final Hydrostatic Pressure..... (H) 1460 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 2 Lan "C-F" (3138-3180)  
Start Test Date: 2014/07/21  
Final Test Date: 2014/07/21

Barrow Properties L.C 2  
Formation: Dst 2 Lan "C-F" (3138-3180)  
Pool: Infield  
Job Number: RR053

# Barrow Properties L.C 2





# Diamond Testing LLC

P.O. Box 157

Hoisington KS 67544

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

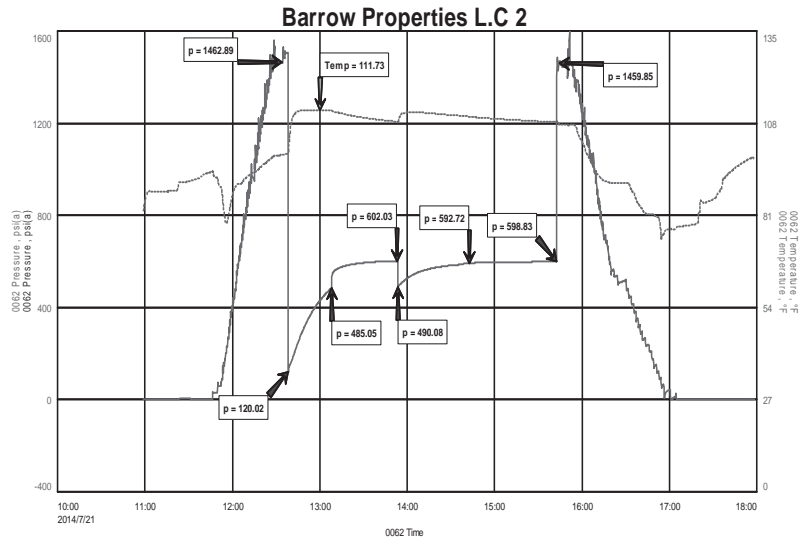
## Wellsite Report

### General Information

Company Name	L.D Drilling Inc
Contact	L.D Davis
Well Operator	L.D Drilling
Well Name	Barrow Properties L.C 2
Surface Location	Sec: 5-19s-12w (Barton County)
Field	Cheneyne West
Well Type	Vertical
Pool	Infield
Test Purpose (AEUB)	Initial Test
Qualified By	Wes Hanson
Gauge Name	0062

### Test Information

Job Number	RR053
Test Type	Drill Stem Test
Well Fluid Type	01 Oil
Formation	Dst 2 Lan "C-F" (3138-3180)
Start Test Date	2014/07/21 YYYY/MM/DD
Start Test Time	10:59:00 HH:mm:ss
Final Test Date	2014/07/21 YYYY/MM/DD
Final Test Time	17:58:00 HH:mm:ss



### Test Results

#### Recovery:

10'	GIP				
50'	SLG+SLOWCM	2% G	1% O	8% W	89% M
1178'	SLG+SLOHMCW	4%G	1% O	70%W	25%M
122'	SLO+HWM	1%O	86%W	13%M	
1350'	Total Fluid				

Tool Sample: 1% O 97% W 2% M

PH: 7  
 RW .09 @ 102 Deg  
 Chlorides: 55,000 PPM