

# DIAMOND TESTING GENERAL REPORT

**Jake Fahrenbruch, Tester**

Cell: (620) 282-8977 / Office: (800) 542-7313



## TEST INFORMATION

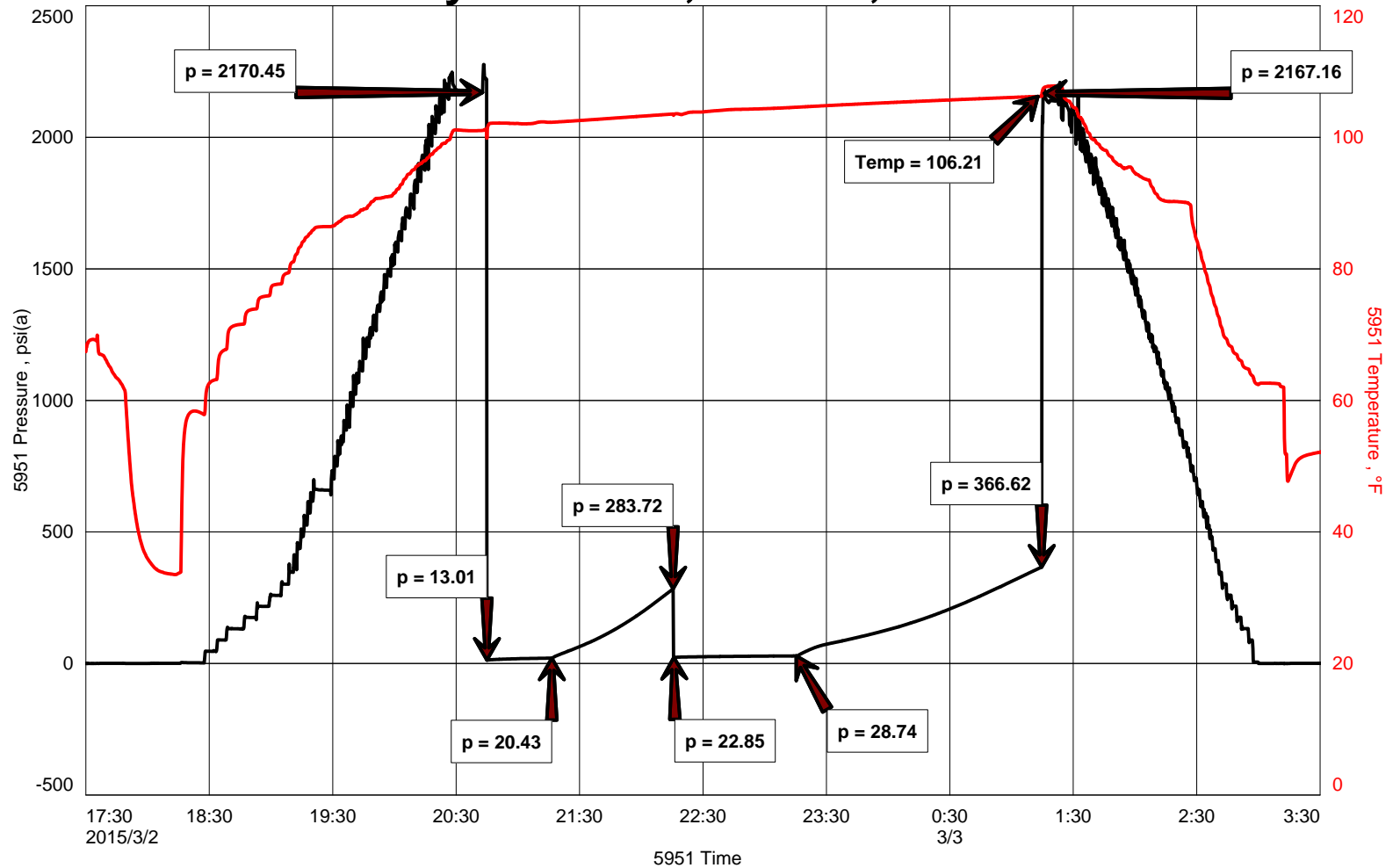
<b>Well Name</b>	Bailey OE #2-27
<b>Company Name</b>	Berexo LLC
<b>Formation</b>	Morrow 4592'-4670'
<b>Test Type</b>	Bottom-Hole DST w/J,J,ShPkr
<b>Surface Location</b>	Sec 27-22s-34w-Finney Co.-KS
<b>KB Elevation (SL)</b>	2953.000
<b>Gauge Name</b>	5951
<b>Start Test Date</b>	2015/03/02
<b>Start Test Time</b>	17:30:00
<b>Final Test Date</b>	2015/03/03
<b>Final Test Time</b>	03:39:00
<b>Job Number</b>	F382
<b>Contact</b>	Evan Mayhew
<b>Site Contact</b>	Ed Grieves

## TEST RESULTS

Initial flow, weak blow, increased to 1.5".  
Final flow, weak surface blow throughout flow period.

Recovered 30' of SOSM: <1% oil, >99% mud

## Bailey OE #2-27, DST #6, Morrow





**DIAMOND TESTING**  
 P.O. Box 157  
 HOISINGTON, KANSAS 67544  
 (800) 542-7313  
**DRILL-STEM TEST TICKET**  
 FILE: BAILEY2DST6

ON LOCATION:	<u>15:30 3-2</u>
START RECORDERS:	<u>17:30</u>
STOP RECORDERS:	<u>03:39 3-3</u>

Company BEREXLO LLC Lease & Well No. BAILEY OE #2-27  
 Contractor BEREDLO LLC RIG #1 Charge to BEREXLO LLC  
 Elevation 2953' KB Formation MORROW Effective Pay \_\_\_\_\_ Ft. Ticket No. F382  
 Date 3-3-15 Sec. 27 Twp. 22s Range 34 w County FINNEY State KANSAS  
 Test Approved By ED GRIEVES Diamond Representative JAKE FAHRENBRUCH

Formation Test No. 6 Interval Tested from 4592 ft. to 4670 ft. Total Depth 4670 ft.  
 Packer Depth 4587 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
 Packer Depth 4592 shpk ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_  
 Top Recorder Depth (Inside) 4570 ft. Recorder Number 5951 Cap. 5000 P.S.I.  
 Bottom Recorder Depth (Outside) 4595 ft. Recorder Number 5584 Cap. 5000 P.S.I.  
 Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEMICAL Viscosity 48 (4\*LCM) Drill Collar Length 619 ft. I.D. 2 1/4 in.  
 Weight 9.2 Water Loss 8.0 cc. Weight Pipe Length \_\_\_\_\_ ft. I.D. 2 7/8 in.  
 Chlorides 3000 P.P.M. Drill Pipe Length 3940 ft. I.D. 3 1/2 in.  
 Jars: Make STERLING Serial Number #5JJ, SH PKR Test Tool Length 33 ft. Tool Size 3 1/2-IF in.  
 Did Well Flow? NO Reversed Out NO Anchor Length 78 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: BLOW INCREASED TO 1 1/2"  
 2nd Open: WEAK SURFACE BLOW THROUGHOUT FLOW PERIOD.

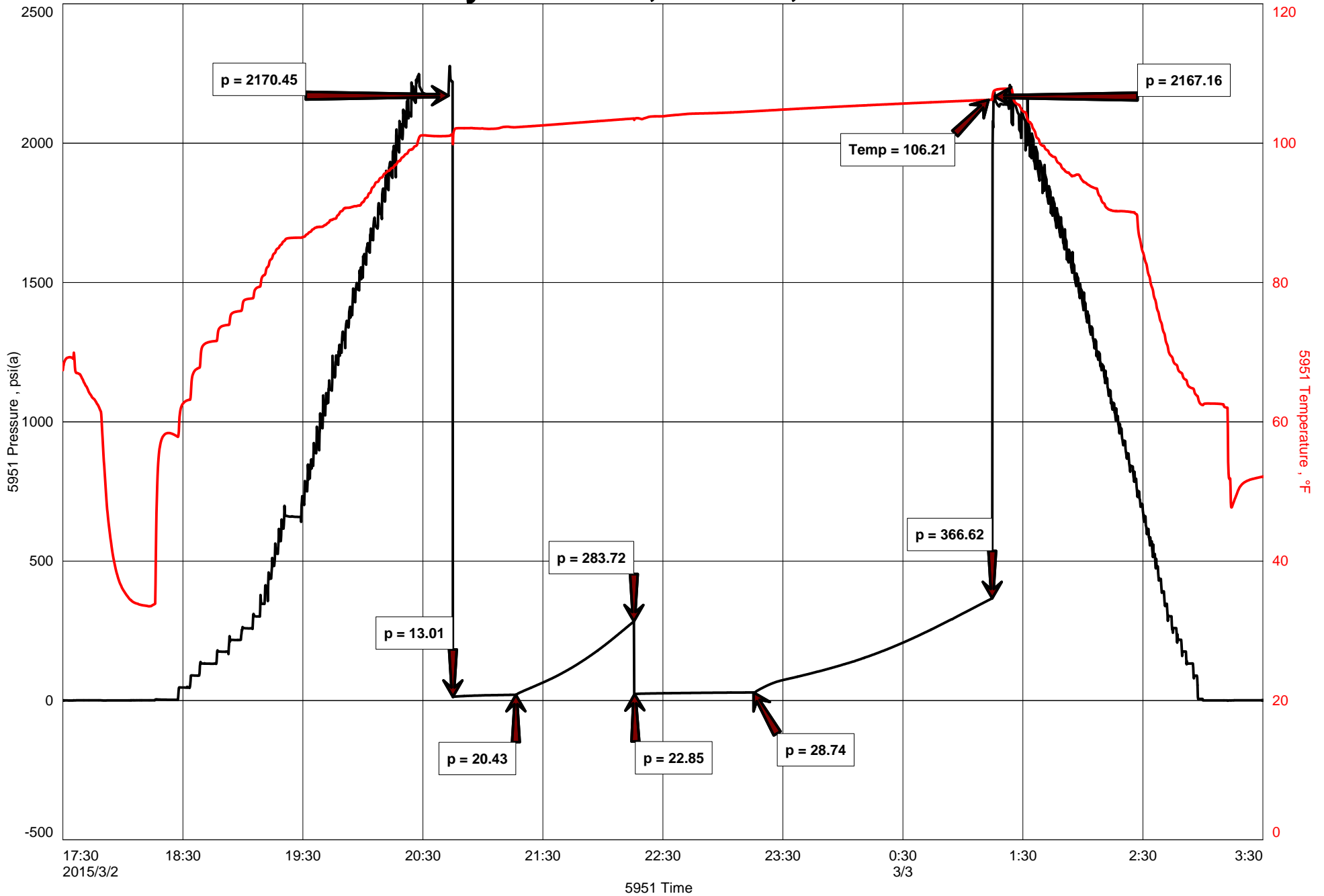
Recovered 30 ft. of SOSM <1" oil, >98% mud

Recovered _____ ft. of _____	Price Job Other Charges <u>JAR, JNT, SH PKR</u> <u>50 MRT (G.C.)</u> Total
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Remarks: _____	

Time Set Packer(s) 8:45 AM Time Started Off Bottom 1:15 AM Maximum Temperature 106°F  
 Initial Hydrostatic Pressure..... (A) 2170 P.S.I.  
 Initial Flow Period..... Minutes 30 (B) 13 P.S.I. to (C) 20 P.S.I.  
 Initial Closed In Period..... Minutes 60 (D) 284 P.S.I.  
 Final Flow Period..... Minutes 60 (E) 23 P.S.I. to (F) 29 P.S.I.  
 Final Closed In Period..... Minutes 120 (G) 367 P.S.I. THANKS!  
 Final Hydrostatic Pressure..... (H) 2167 P.S.I. Jacob [Signature]

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.

# Bailey OE #2-27, DST #6, Morrow





**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: BAILEY2DST6

TIME ON: 17:30 3-2  
TIME OFF: 03:39 3-3

Company Berexco LLC Lease & Well No. Bailey OE #2-27  
Contractor Beredco LLC Rig #1 Charge to Berexco LLC  
Elevation 2953' KB Formation Morrow Effective Pay \_\_\_\_\_ Ft. Ticket No. F382  
Date 3-3-15 Sec. 27 Twp. 22s S Range 34w W County Finney State KANSAS  
Test Approved By Ed Grieves Diamond Representative Jake Fahrenbruch

Formation Test No. 6 Interval Tested from 4592 ft. to 4670 ft. Total Depth 4670 ft.  
Packer Depth 4587 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 4592 SH ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 4570 ft. Recorder Number 5951 Cap. 5000 P.S.I.  
Bottom Recorder Depth (Outside) 4595 ft. Recorder Number 5584 Cap. 5000 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type Chemical Viscosity 48 (4# LCM) Drill Collar Length 619 ft. I.D. 2 1/4 in.  
Weight 9.2 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 3,000 P.P.M. Drill Pipe Length 3,940 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number #5 J&J, ShPkr Test Tool Length 33 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? NO Reversed Out NO Anchor Length 78 ft. Size 4 1/2-FH in.  
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. <sup>14' PERF IN ANCHOR</sup> Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Weak blow, increased to 1.5"  
2nd Open: Weak surface blow throughout flow period.

Recovered <u>30</u> ft. of <u>SOSM</u>	<u>&lt;1% oil, &gt;99% mud</u>
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
	Total

Time Set Packer(s) 8:45 PM A.M. P.M. Time Started Off Bottom 1:15 AM A.M. P.M. Maximum Temperature 106 F  
Initial Hydrostatic Pressure..... (A) 2170 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 13 P.S.I. to (C) 20 P.S.I.  
Initial Closed In Period..... Minutes 60 (D) 284 P.S.I.  
Final Flow Period..... Minutes 60 (E) 23 P.S.I. to (F) 29 P.S.I.  
Final Closed In Period..... Minutes 120 (G) 367 P.S.I.  
Final Hydrostatic Pressure..... (H) 2167 P.S.I.

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