

DIAMOND TESTING GENERAL REPORT

Jake Fahrenbruch, Tester

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



TEST INFORMATION

Well Name	Bailey OE #2-27
Company Name	Berexco LLC
Formation	Marmaton "B" 4276'-4295'
Test Type	Bottom-Hole DST w/J&J
Surface Location	Sec 27-22s-34w-Finney Co.-KS
KB Elevation (SL)	2953.000
Gauge Name	5951
Start Test Date	2015/02/26
Start Test Time	04:49:00
Final Test Date	2015/02/26
Final Test Time	15:34:00
Job Number	F379
Contact	Evan Mayhew
Site Contact	Ed Grieves

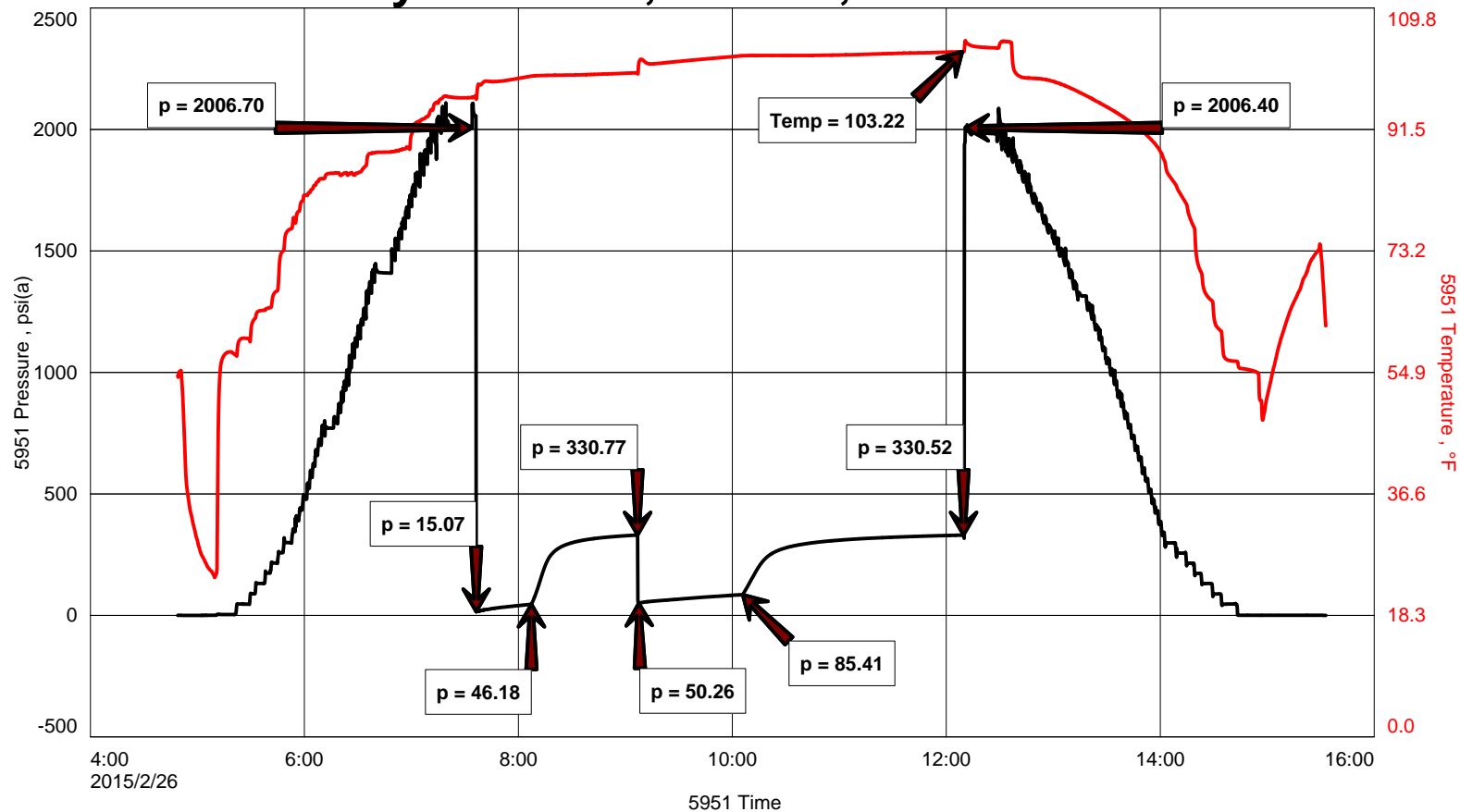
TEST RESULTS

Initial flow, blow increased to B.O.B. in 13 minutes. No blowback.
 Final flow, blow increased to 8.5". No blowback.

TOTAL RECOVERED FLUID: 130'

- 40' SOCWCM 4% oil, 28% wtr, 68% mud
- 90' MW 72% wtr, 28% mud
- 570' GAS IN PIPE
- Chlorides = 55,000 PPM
- RW: .14 ohm @ 70 Deg F
- PH: 8.0

Bailey OE #2-27, DST #3, Marmaton "B"





DIAMOND TESTING

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

DRILL-STEM TEST TICKET

FILE: BAILEY20ST3

ON LOCATION: 04:14

START RECORDERS: 04:49

STOP RECORDERS: 15:34

Company BEREXCO LLC Lease & Well No. BAILEY OE #2-27
Contractor BEREXCO LLC REG # 1 Charge to BEREXCO LLC
Elevation 2953' KB Formation MARMATON "B" Effective Pay _____ Ft. Ticket No. F379
Date 2-26-15 Sec. 27 Twp. 22s Range 34w County FINNEY State KANSAS
Test Approved By ED GRIEVES Diamond Representative JAKE FAHRENBRUCH

Formation Test No. 3 Interval Tested from 4276 ft. to 4295 ft. Total Depth 4295 ft.
Packer Depth 4271 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4276 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4254 ft. Recorder Number 5951 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 4277 ft. Recorder Number 5584 Cap. 5000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Mud Type CHEMICAL Viscosity 52 (3 1/2 #1CM) Drill Collar Length 619 ft. I.D. 2 1/4 in.
Weight 9.0 Water Loss 8.8 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides 3300 P.P.M. Drill Pipe Length 3624 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number #5 J#J Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? _____ Reversed Out _____ Anchor Length 19 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 B.O.B. IN 13 MINUTES.
2nd Open: BLOW INCREASED TO 8 1/2".

Recovered _____ ft. of TOTAL RECOVERED FLUID: 130'
Recovered 40 ft. of SOC WCM 4" OIL, 28" WTR, 68" MUD
Recovered 90 ft. of MW 72" WTR, 28" MUD
Recovered _____ ft. of 570' GAS IN PIPE

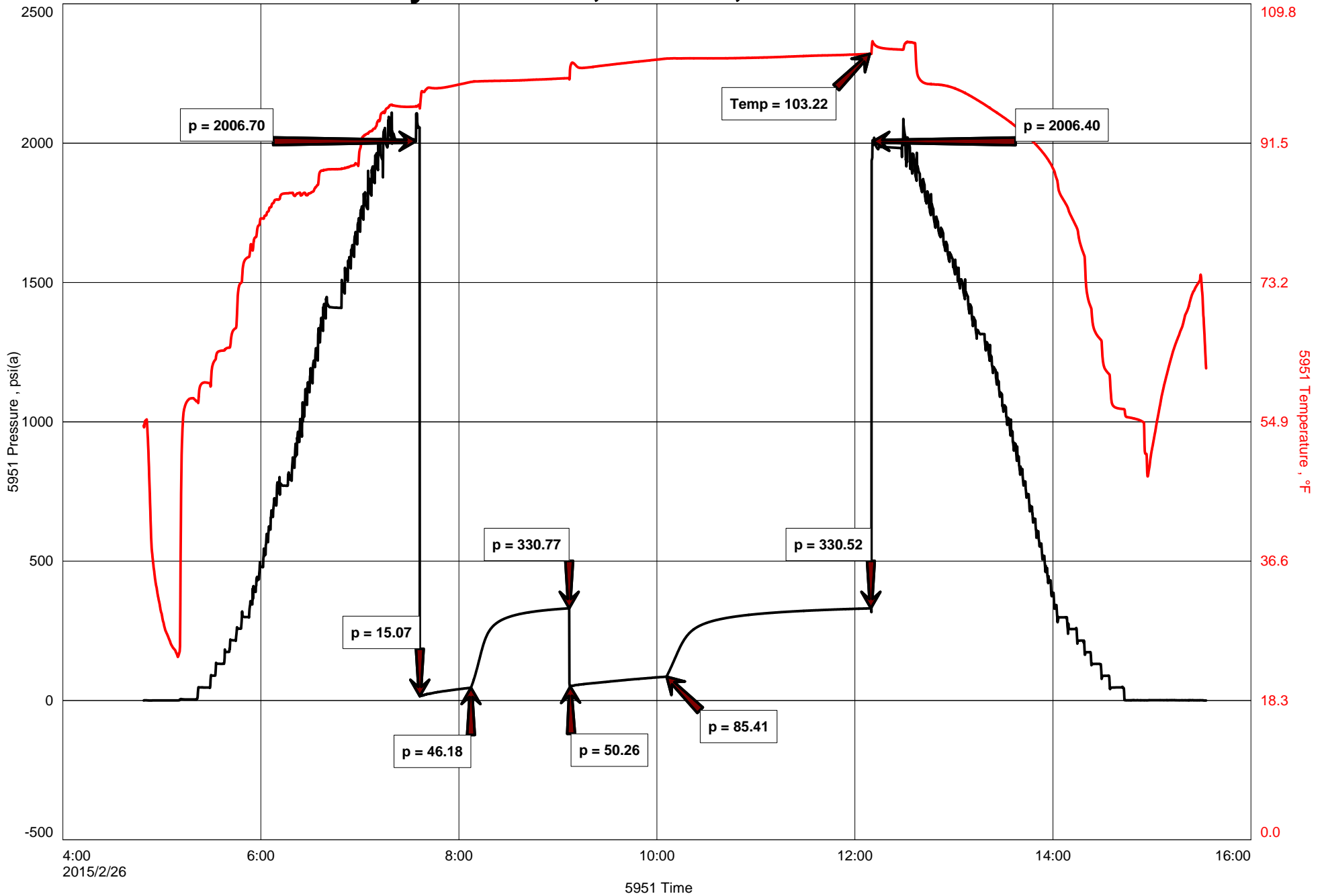
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>CHLORIDES: 55,000 PPM</u> <u>RW: .14-2 @ 70°F</u> <u>PH: 8.0</u>	<u>JARS & JOINT</u> <u>50 MRT (G.C.)</u>
	Total

Time Set Packer(s) 7:38 ^{A.M.}/_{P.M.} Time Started Off Bottom 12:08 ^{A.M.}/_{P.M.} Maximum Temperature 103°F

Initial Hydrostatic Pressure..... (A) 2007 P.S.I.
Initial Flow Period..... Minutes 30 (B) 15 P.S.I. to (C) 46 P.S.I.
Initial Closed In Period..... Minutes 60 (D) 331 P.S.I.
Final Flow Period..... Minutes 60 (E) 50 P.S.I. to (F) 85 P.S.I.
Final Closed In Period..... Minutes 120 (G) 331 P.S.I. Thanks!
Final Hydrostatic Pressure..... (H) 2006 P.S.I. Jake Fahrenbruch

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 #3, Marmaton "B"





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: BAILEY2DST3

TIME ON: 04:49
TIME OFF: 15:34

Company Berexco LLC Lease & Well No. Bailey OE #2-27
Contractor Beredco LLC Rig #1 Charge to Berexco LLC
Elevation 2953' KB Formation Marmaton "B" Effective Pay _____ Ft. Ticket No. F379
Date 2/26/15 Sec. 27 Twp. 22s S Range 34w W County Finney State KANSAS
Test Approved By Ed Grieves Diamond Representative Jake Fahrenbruch

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Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chemical Viscosity 52 (3.5# LCM) Drill Collar Length 619 ft. I.D. 2 1/4 in.
Weight 9.0 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 3,300 P.P.M. Drill Pipe Length 3,624 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number #5 J&J, SH PKR Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 19 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 B.O.B. in 13 minutes. No blowback.
2nd Open: Blow increased to 8.5". No blowback.

Recovered _____ ft. of TOTAL RECOVERED FLUID: 130'
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Recovered 90 ft. of MW 72% wtr, 28% mud

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>Chlorides: 55,000 PPM</u>	Insurance
<u>RW: .14 ohm @ 70 Deg F</u>	
<u>PH: 8.0</u>	Total

Time Set Packer(s) 7:38 AM A.M. P.M. Time Started Off Bottom 12:08 PM A.M. P.M. Maximum Temperature 103 F

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Initial Closed In Period..... Minutes 60 (D) 331 P.S.I.
Final Flow Period..... Minutes 60 (E) 50 P.S.I. to (F) 85 P.S.I.
Final Closed In Period..... Minutes 120 (G) 331 P.S.I.
Final Hydrostatic Pressure..... (H) 2006 P.S.I.

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