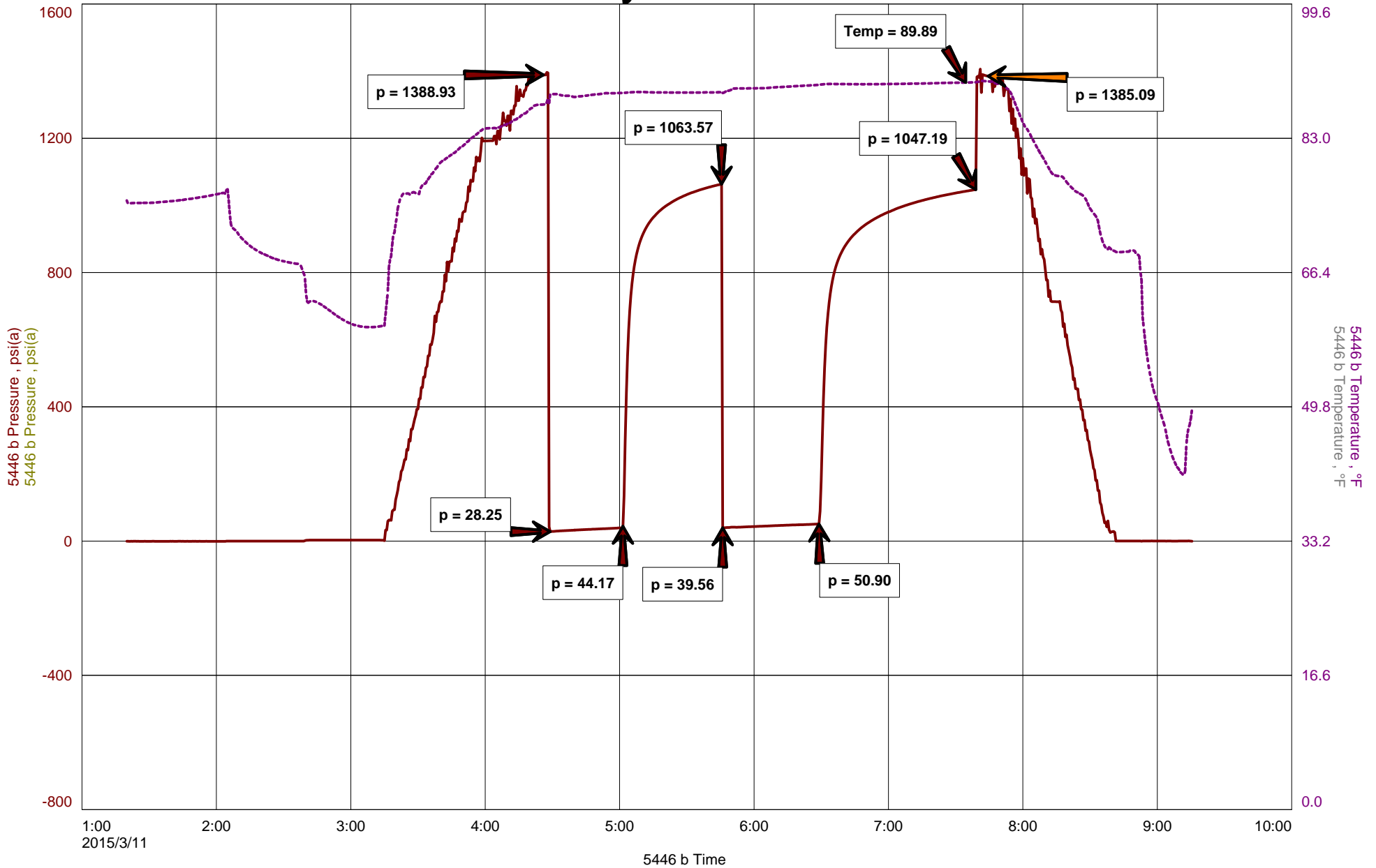


LD Drilling
DST 1 Lower Topeka 2934-3004
Start Test Date: 2015/03/11
Final Test Date: 2015/03/11

Betty 3-1
Formation: Lower Topeka
Job Number: W174

Betty 3-1 DST 1





Diamond Testing General Report

Wilbur Steinbeck
TESTER
CELL: 620-282-1573

General Information

Company Name LD Drilling

Contact

Well Name

Unique Well ID

Surface Location

Field

Kim Shoemaker **Job Number**

W174

Betty 3-1 **Representative**

Wilbur Steinbeck

DST 1 Lower Topeka 2934-3004 **Well Operator**

LD

1-6s-18w Rooks/Kans **Report Date**

2015/03/11

Wildcat **Prepared By**

Wilbur Steinbeck

Qualified By

Kim Shoemaker

Test Information

Test Type

Conventional

Formation

Lower Topeka

Well Fluid Type

01 Oil

Test Purpose (AEUB)

Initial Test

Start Test Date

2015/03/11 **Start Test Time**

01:20:00

Final Test Date

2015/03/11 **Final Test Time**

09:20:00

Test Recovery

Recovery

75' Mud

75' Total Fluid

Tool Sample Mud

15' of fill in hole



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: Betty 3-1 DST 1

TIME ON: 1:20
TIME OFF: 9:20

Company LD Drilling Lease & Well No. Betty
Contractor LD Charge to LD Drilling
Elevation 1872 KB Formation Lower Topeka Effective Pay _____ Ft. Ticket No. W174
Date 3-11-15 Sec. 1 Twp. 6 S Range 18 W County Rooks State KANSAS
Test Approved By Kim Shoemaker Diamond Representative Wilbur Steinbeck

Formation Test No. 1 Interval Tested from 2934 ft. to 3004 ft. Total Depth 3004 ft.

Packer Depth 2929 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Packer Depth 2934 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 2920 ft. Recorder Number 5446 Cap. 5000 P.S.I.

Bottom Recorder Depth (Outside) 2935 ft. Recorder Number 5965 Cap. 5,000 P.S.I.

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

Mud Type Chem Viscosity 60 Drill Collar Length 0 ft. I.D. 2 1/4 in.

Weight 8.6 Water Loss 5.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 400 P.P.M. Drill Pipe Length 2901 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number 7 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.

Did Well Flow? Yes Reversed Out No Anchor Length 70 ft. Size 4 1/2-FH in.

Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Built to 2" No Return

2nd Open: Built to 2 1/2" No Return

Recovered 75 ft. of Mud

Recovered 75 ft. of Total Fluid

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

Tool Sample Mud

15' of fill in hole

Time Set Packer(s) 4:35 A.M. P.M. Time Started Off Bottom 7:35 A.M. P.M. Maximum Temperature 90

Initial Hydrostatic Pressure..... (A) 1389 P.S.I.

Initial Flow Period..... Minutes 30 (B) 28 P.S.I. to (C) 44 P.S.I.

Initial Closed In Period..... Minutes 45 (D) 1064 P.S.I.

Final Flow Period..... Minutes 45 (E) 40 P.S.I. to (F) 51 P.S.I.

Final Closed In Period..... Minutes 60 (G) 1047 P.S.I.

Final Hydrostatic Pressure..... (H) 1385 P.S.I.

Remarks: Tool Sample <u>Mud</u> <u>15'</u> of fill in hole	Price Job
	Other Charges <u>216 Miles RT</u>
	Insurance
	Total

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.