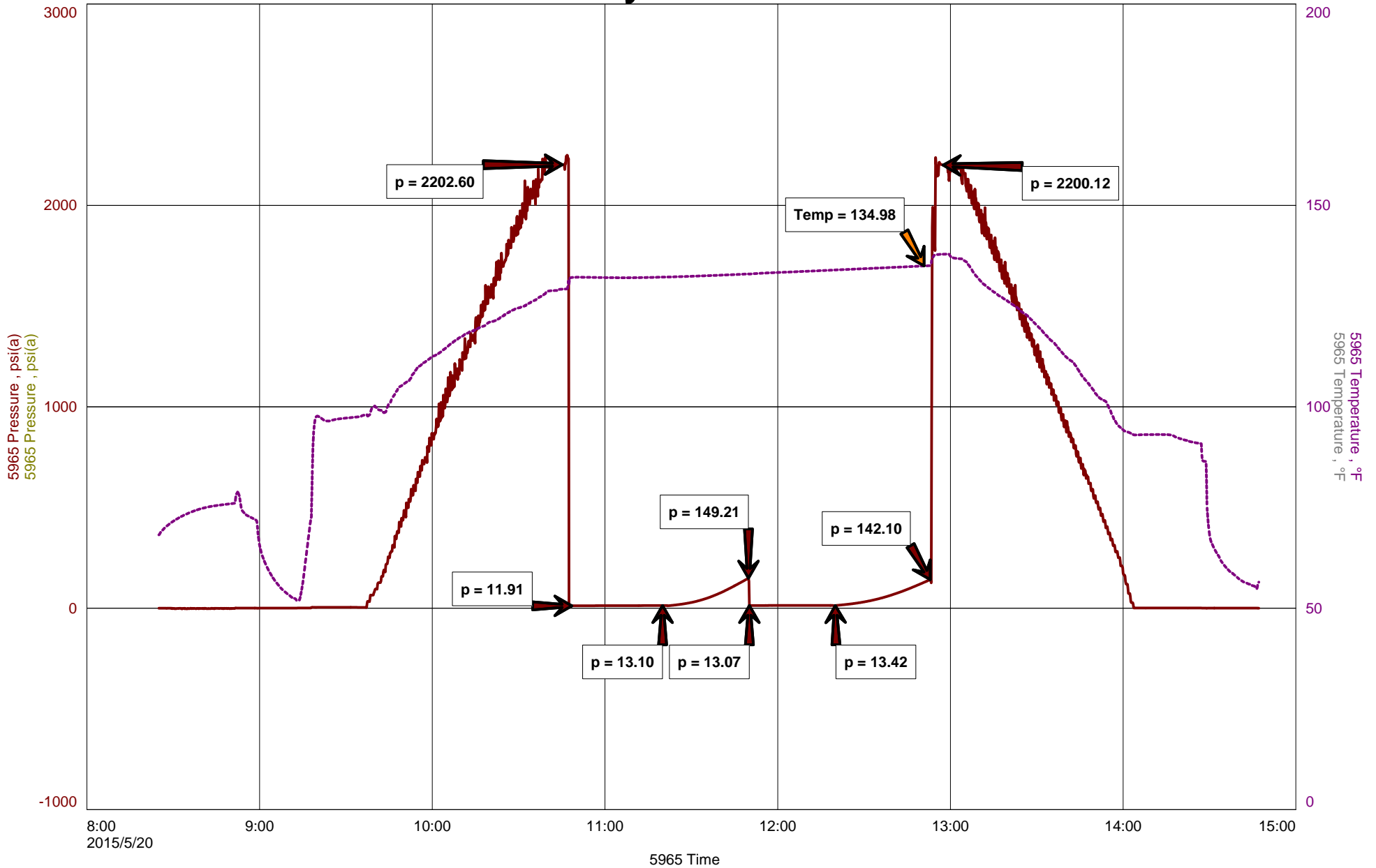


Casey 1-7 DST 3





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** W192
Casey 1-7 **Representative** Wilbur Steinbeck
DST 3 Pawnee/Ft. Scott/Cherokee 4595-4725 **Well Operator** LD 1
7-2s-37w Cheyenne/Kans **Report Date** 2015/05/20
Wildcat **Prepared By** Wilbur Steinbeck
Qualified By Kim Shoemaker

Test Information

Test Type

Formation

Well Fluid Type

Test Purpose (AEUB)

Conventional
Pawnee/Ft. Scott/Cherokee
01 Oil
Initial Test

Start Test Date

Final Test Date

2015/05/20 **Start Test Time** 08:25:00

2015/05/20 **Final Test Time** 14:47:00

Test Recovery

Recovery 10' Mud with oil spots
10' Total Fluid

Tool Sample Mud with oil spots



DIAMOND TESTING
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: Casey 1-7 DST 3

TIME ON: 20:50
 TIME OFF: 14:47

Company LD Drilling Lease & Well No. Casey 1-7
 Contractor LD 1 Charge to LD Drilling
 Elevation 3251 KB Formation Pawnee/Ft. Scott/Cherokee Effective Pay _____ Ft. Ticket No. W192
 Date 5-20-15 Sec. 7 Twp. _____ 2 S Range _____ 37 W County Cheyenne State KANSAS
 Test Approved By Kim Shoemaker Diamond Representative Wilbur Steinbeck

Formation Test No. 3 Interval Tested from 4595 ft. to 4725 ft. Total Depth 4725 ft.
 Packer Depth 4590 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 4595 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
 Top Recorder Depth (Inside) 4581 ft. Recorder Number 5965 Cap. 5000 P.S.I.
 Bottom Recorder Depth (Outside) 4596 ft. Recorder Number 5587 Cap. 5,000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 57 Drill Collar Length 0 ft. I.D. 2 1/4 in.
 Weight 9.3 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 4200 P.P.M. Drill Pipe Length 4562 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? No Reversed Out No Anchor Length 130 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 1 1/4" No Return
 2nd Open: No Blow No Return

Recovered 10 ft. of Mud with oil spots
 Recovered 10 ft. of Total Fluid
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Remarks: Tool Sample Mud with oil spots

	135 Miles RT	Price Job
		Other Charges
		Insurance
		Total

Time Set Packer(s) 10:50 A.M. P.M. Time Started Off Bottom 12:50 A.M. P.M. Maximum Temperature 135
 Initial Hydrostatic Pressure..... (A) 2203 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 12 P.S.I. to (C) 13 P.S.I.
 Initial Closed In Period..... Minutes 30 (D) 149 P.S.I.
 Final Flow Period..... Minutes 30 (E) 13 P.S.I. to (F) 13 P.S.I.
 Final Closed In Period..... Minutes 30 (G) 142 P.S.I.
 Final Hydrostatic Pressure..... (H) 2200 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.