

DIAMOND TESTING GENERAL REPORT

Jake Fahrenbruch, Tester

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



TEST INFORMATION

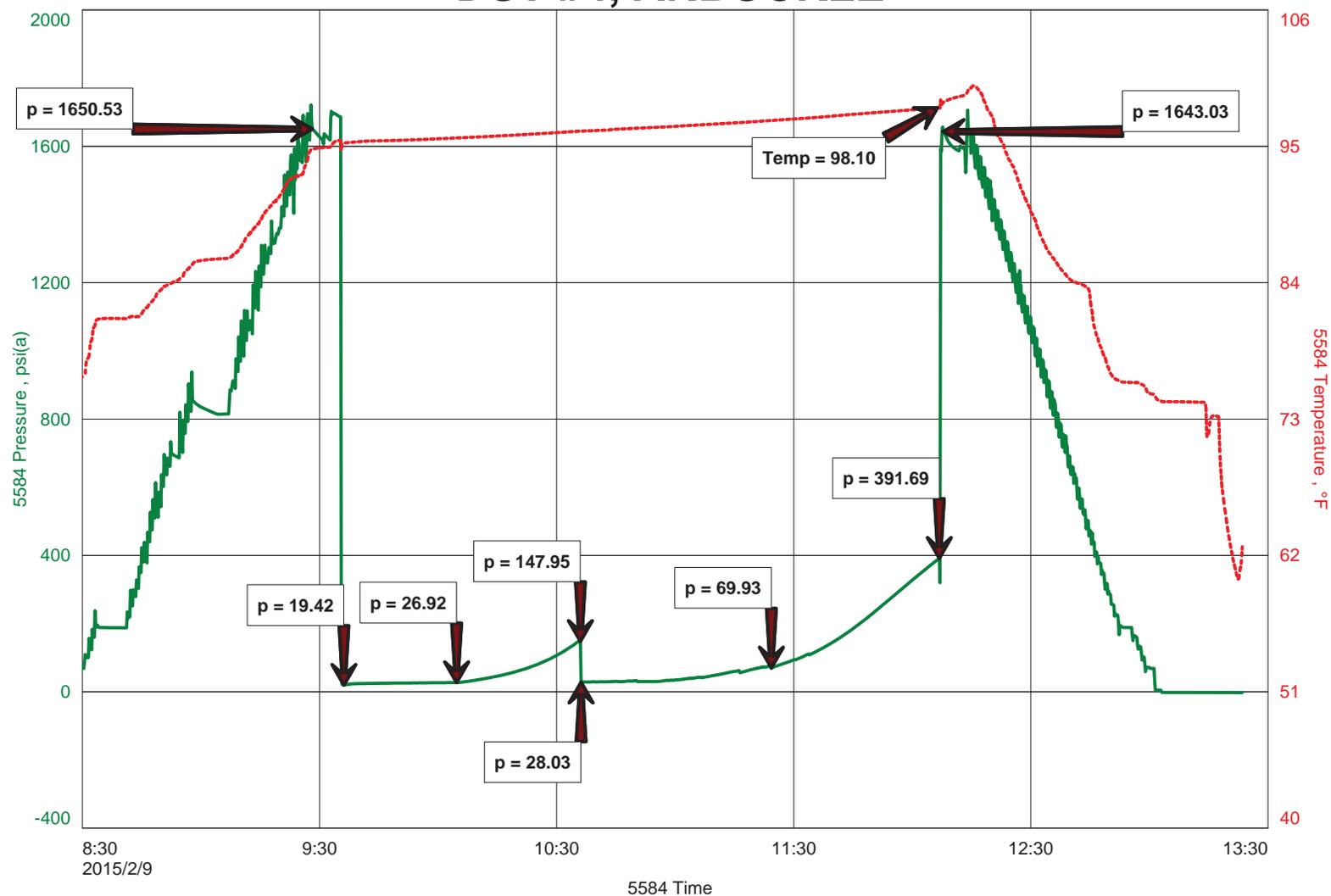
Well Name	Wanda #1-25
Company Name	LD Drilling Inc
Formation	Arbuckle 3363'-3413'
Test Type	Bottom-Hole DST
Surface Location	Sec 25-20s-12w-Barton Co.-KS
KB Elevation (SL)	1823.000
Gauge Name	5584
Start Test Date	2015/02/09
Start Test Time	07:40:00
Final Test Date	2015/02/09
Final Test Time	13:23:00
Job Number	F375
Contact	LD Davis
Site Contact	Kurt Talbott

TEST RESULTS

Initial flow, weak blow, increased to 1.5".
Final flow, .25" blow.

Recovered 15' of mud, 100% mud

DST #4, ARBUCKLE





DIAMOND TESTING

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

DRILL-STEM TEST TICKET
FILE: WANDA1 D514

ON LOCATION: 07:20
START RECORDERS: 07:40
STOP RECORDERS: 13:23

Company LD DRILLING INC Lease & Well No. WANDA #125
Contractor PETROMARK DRILL RIG #2 Charge to LD DRILLING INC
Elevation 1823' KB Formation ARBUCKLE Effective Pay _____ Ft. Ticket No. F375
Date 2-9-15 Sec. 25 Twp. 20S Range 12W County BARTON State KANSAS
Test Approved By KURT TARBET Diamond Representative JAKE FAHRENBRUCH

Formation Test No. 4 Interval Tested from 3363 ft. to 3413 ft. Total Depth 3413 ft.
Packer Depth 3358 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3363 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3349 ft. Recorder Number 5951 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 3376 ft. Recorder Number 5584 Cap. 5000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 50 Drill Collar Length 125 ft. I.D. 2 1/4 in.
Weight 9.4 Water Loss 12.0 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides 12,800 P.P.M. Drill Pipe Length 3213 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number _____ Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
Did Well Flow? _____ Reversed Out _____ Anchor Length 50 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: WEAK BLOW, INC TO 1 1/2"
2nd Open: WEAK BLOW @ 1/4"

Recovered 15 ft. of MUD 100' - MUD
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

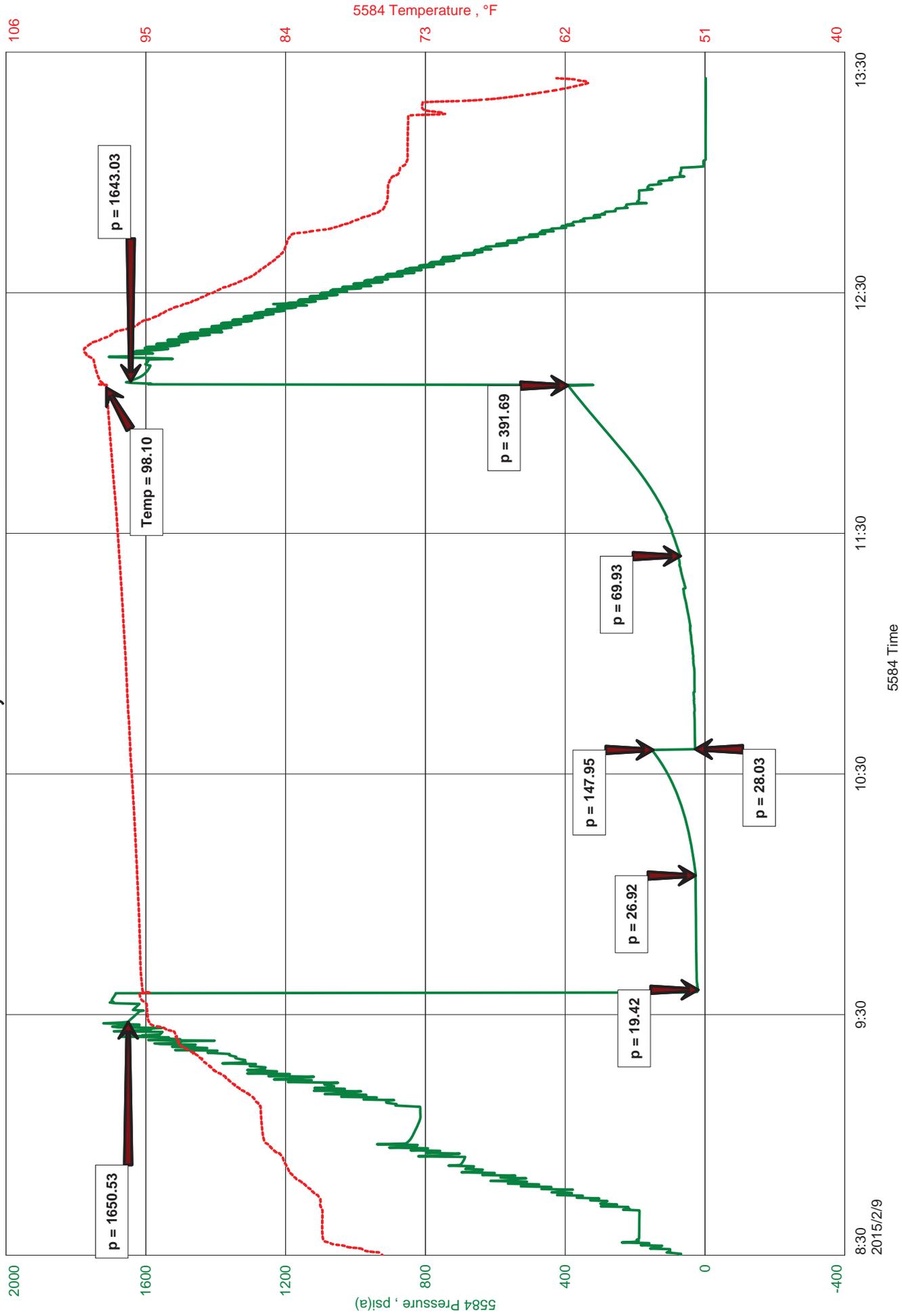
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	
	<u>104 WRT (PRM)</u>
	Total

Time Set Packer(s) 9:35 AM Time Started Off Bottom 12:05 PM Maximum Temperature 98°F

Initial Hydrostatic Pressure..... (A) 1651 P.S.I.
Initial Flow Period..... Minutes 30 (B) 19 P.S.I. to (C) 27 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 148 P.S.I.
Final Flow Period..... Minutes 45 (E) 28 P.S.I. to (F) 70 P.S.I.
Final Closed In Period..... Minutes 45 (G) 392 P.S.I. Thanks!
Final Hydrostatic Pressure..... (H) 1643 P.S.I. [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.

DST #4, ARBUCKLE





DIAMOND TESTING
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: WANDA1DST4

TIME ON: 07:20
 TIME OFF: 13:23

Company LD Drilling Inc Lease & Well No. Wanda #1-25
 Contractor Petromark Drilling LLC Rig # 2 Charge to LD Drilling Inc
 Elevation 1823'KB Formation Arbuckle Effective Pay _____ Ft. Ticket No. F375
 Date 2-9-15 Sec. 25 Twp. 20s S Range 12w W County Barton State KANSAS
 Test Approved By Kurt Talbott Diamond Representative Jake Fahrenbruch

Formation Test No. 4 Interval Tested from 3363 ft. to 3413 ft. Total Depth 3413 ft.
 Packer Depth 3258 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 3263 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3344 ft. Recorder Number 5951 Cap. 5000 P.S.I.
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 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chemical Viscosity 50 Drill Collar Length 125 ft. I.D. 2 1/4 in.
 Weight 9.4 Water Loss 12.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 12,800 P.P.M. Drill Pipe Length 3,213 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number _____ Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 50 ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. ^{16' PERF IN ANCHOR} Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Weak blow, increased to 1.5"
 2nd Open: Weak blow @ .25"

Recovered <u>15</u> ft. of <u>100% mud</u>	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
	Total

Time Set Packer(s) 9:35 AM A.M. P.M. Time Started Off Bottom 12:05 PM A.M. P.M. Maximum Temperature 98 F
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