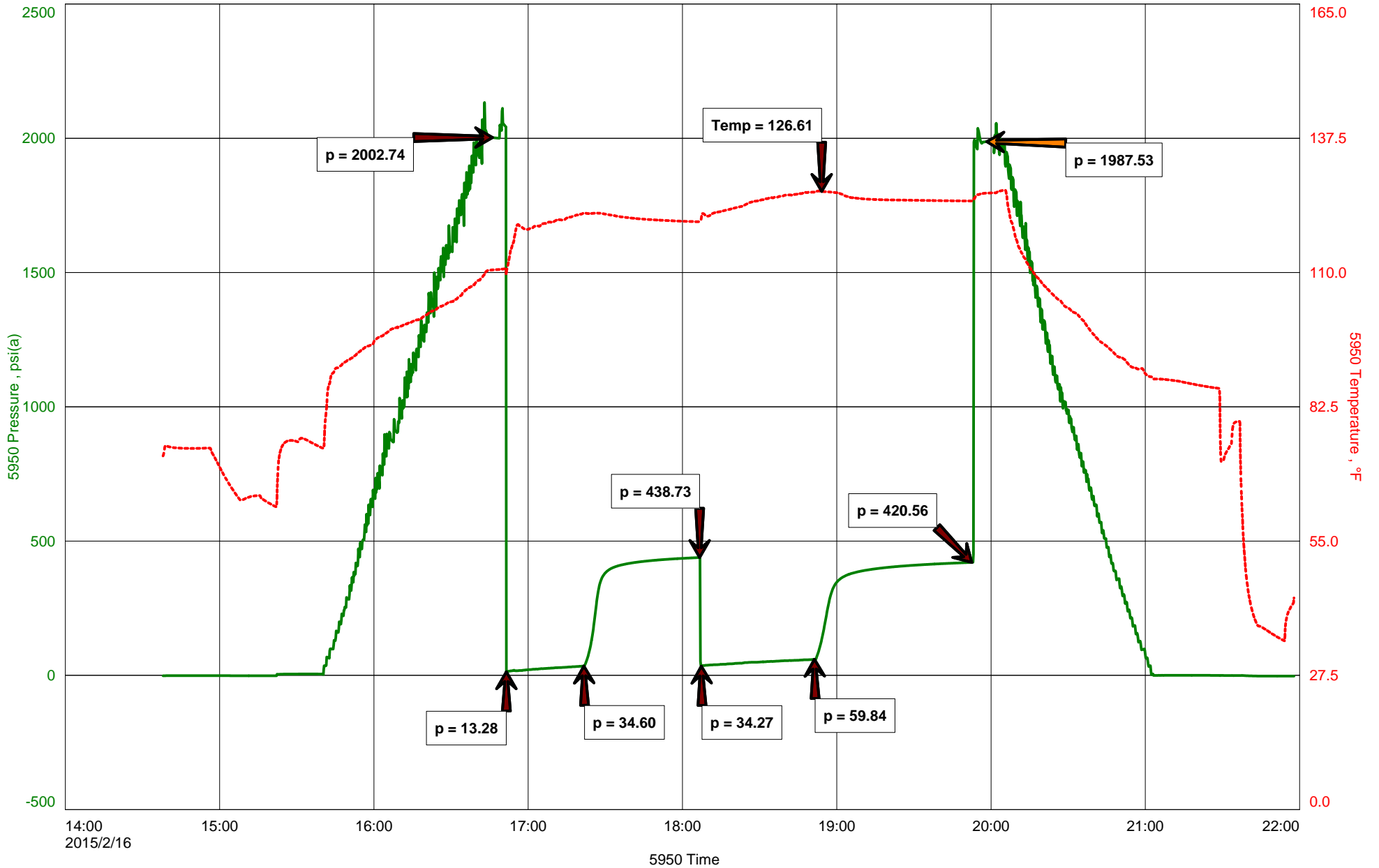


L.D. Drilling Inc
Dst #6 Paw/My.St. 4170-4228'
Start Test Date: 2015/02/16
Final Test Date: 2015/02/16

Darrel #3-31
Formation: Dst #6 Paw/My.St. 4170-4228'
Pool: Infield
Job Number: P0053

Darrel #3-31





Michael Carroll
 620-617-0368
 carroll.dtlc@gmail.com

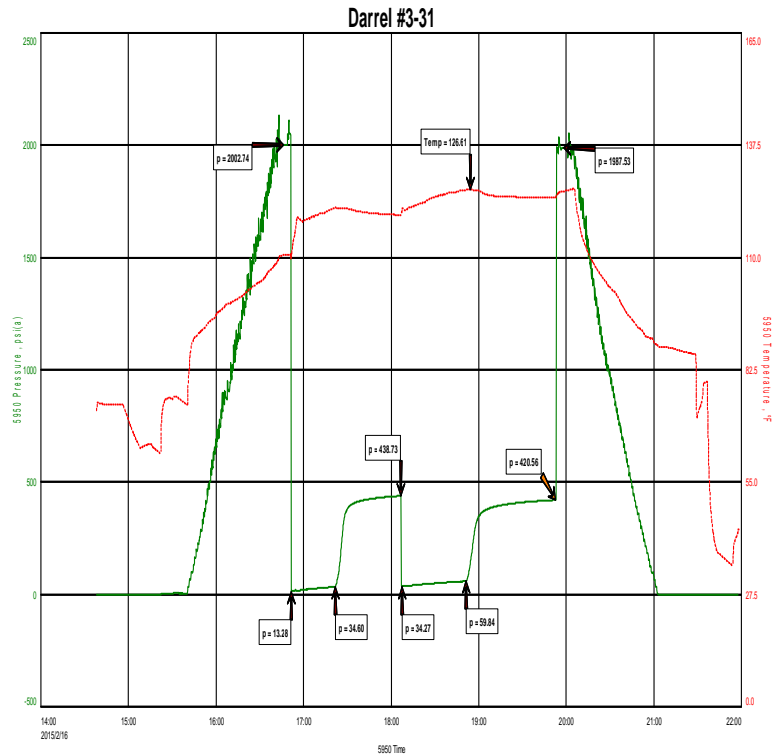
Hoisington, Kansas

General Information

Company Name L.D. Drilling Inc

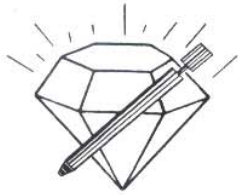
Contact L.D. Davis
 Well Name Darrel #3-31
 Unique Well ID Dst #6 Paw/My.St. 4170-4228'
 Surface Location Sec31-14s-21w Gove County
 Field Lundgren
 Well Type Vertical
 Test Type Drill Stem Test
 Well Operator L.D. Drilling Inc

Formation Dst #6 Paw/My.St. 4170-4228'
 Well Fluid Type 01 Oil
 Test Purpose Initial Test
 Start Test Date 2015/02/16
 Start Test Time 14:38:00
 Final Test Time 21:59:00
 Job Number P0053
 Report Date 2015/02/16
 Prepared By Michael Carroll



TEST RECOVERY

Remarks Recovery: 630' Gas In Pipe
 64' Clean Oil Gravity 36 @ 60 Degrees
 61' GOCWM 5%G 15%O 30%W 50%M
 Total Fluid: 125'
 Tool Sample: 59%O 17%W 24%M
 Chlorides 47000 PPM
 RW .3 @ 27 Degrees
 PH 7



DIAMOND TESTING
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: Darrel#3-31Dst#6

TIME ON: 1438
 TIME OFF: 2159

Company L.D. Drilling Inc Lease & Well No. Darrel #3-31
 Contractor L.D. Drilling Charge to L.D. Drilling Inc
 Elevation 2699KB Formation _____ Paw/My.St. Effective Pay _____ Ft. Ticket No. P0053
 Date 2-16-15 Sec. 31 Twp. _____ 14 S Range _____ 29 W County _____ Gove State KANSAS
 Test Approved By Kim Shoemaker Diamond Representative _____ Michael Carroll

Formation Test No. 6 Interval Tested from 4170 ft. to 4228 ft. Total Depth 4228 ft.
 Packer Depth 4165 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 4170 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4155 ft. Recorder Number 5950 Cap. 5000 P.S.I.
 Bottom Recorder Depth (Outside) 4207 ft. Recorder Number 30046 Cap. 6000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 47 Drill Collar Length 0 ft. I.D. 2 1/4 in.
 Weight 9.4 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 3600 P.P.M. Drill Pipe Length 4137 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number 01 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 58(26.5a) 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: 1/4" BLOW-BUILT TO BOB IN 13 MINUTES 40 SECONDS WSBB
 2nd Open: 1/2" BLOW-BUILT TO BOB IN 11 MINUTES 15 SECONDS 1/4" BB

Recovered 630 ft. of GAS IN PIPE CHLORIDES 47000 PPM
 Recovered 64 ft. of CLEAN OIL GRAVITY 36 @ 60 DEGREES RW .3 @ 27 DEGREES
 Recovered 61 ft. of GOCWM 5%G 15%O 30%W 50%M PH 7
 Recovered 125 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: <u>59%O 17%W 24%M</u>	Total

Time Set Packer(s) 4:50 P.M. A.M. P.M. Time Started Off Bottom 7:50 P.M. A.M. P.M. Maximum Temperature 127

Initial Hydrostatic Pressure..... (A) 2003 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 13 P.S.I. to (C) 35 P.S.I.
 Initial Closed In Period..... Minutes 45 (D) 439 P.S.I.
 Final Flow Period..... Minutes 45 (E) 34 P.S.I. to (F) 60 P.S.I.
 Final Closed In Period..... Minutes 60 (G) 421 P.S.I.
 Final Hydrostatic Pressure..... (H) 1988 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.