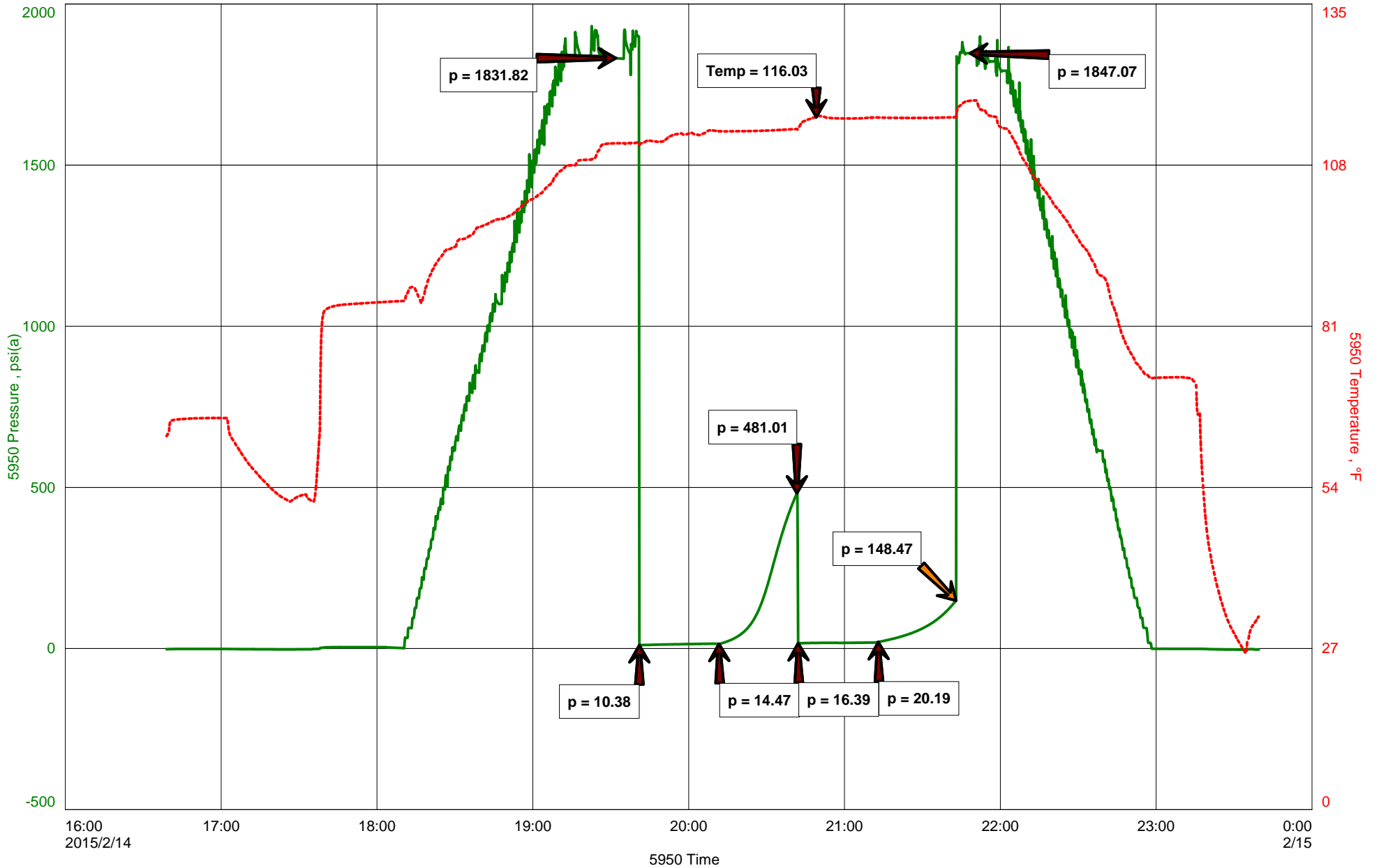


L.D. Drilling Inc
Dst #4 Lans/KC H-I-J 3896-3986'
Start Test Date: 2015/02/14
Final Test Date: 2015/02/15

Darrel #3-31
Formation: Dst #4 Lans/KC H-I-J 3896-3986'
Pool: Infield
Job Number: P0051

Darrel #3-31





Hoisington, Kansas

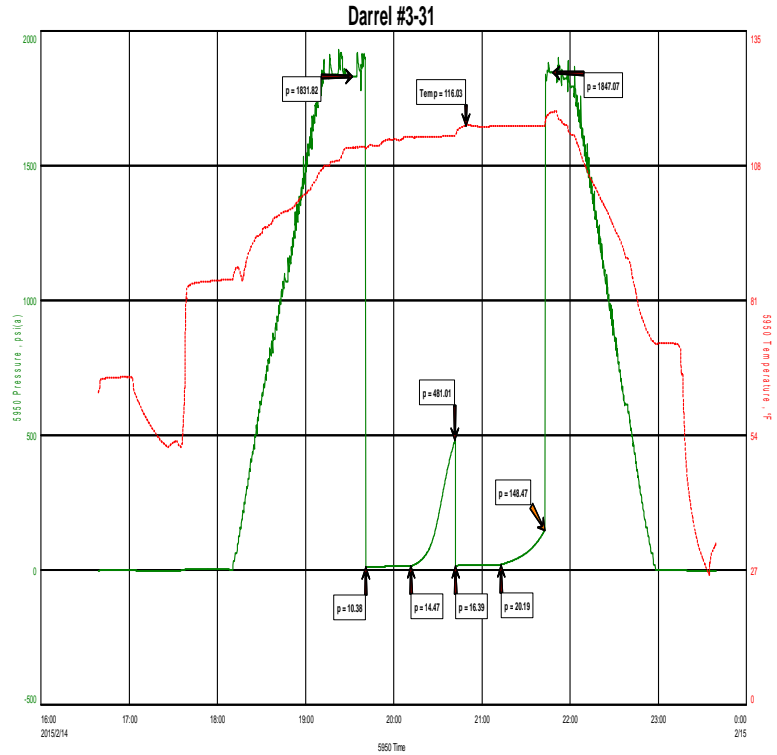
Michael Carroll
620-617-0368
carroll.dtlc@gmail.com

General Information

Company Name L.D. Drilling Inc

Contact L.D. Davis
Well Name Darrel #3-31
Unique Well ID Dst #4 Lans/KC H-I-J 3896-3986'
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 #4 Lans/KC H-I-J 3896-3986'
Well Fluid Type 01 Oil
Test Purpose Initial Test
Start Test Date 2015/02/14
Start Test Time 16:39:00
Final Test Time 23:39:00
Job Number P0051
Report Date 2015/02/14
Prepared By Michael Carroll



TEST RECOVERY

Remarks	Recovery:	1'	Clean Oil			
		19'	SLOCWCM	1%O	3%W	96%M
	Total Fluid:	20'				
	Tool Sample:	5%O	3%W	92%M		



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: Darrel#3-31Dst#4

TIME ON: 1639
TIME OFF: 2339

Company L.D. Drilling Inc Lease & Well No. Darrel #3-31
Contractor L.D. Drilling Charge to L.D. Drilling Inc
Elevation 2699KB Formation Lans/KC H-I-J Effective Pay _____ Ft. Ticket No. P0051
Date 2-14-15 Sec. 31 Twp. 14 S Range 29 W County Gove State KANSAS
Test Approved By Kim Shoemaker Diamond Representative Michael Carroll

Formation Test No. 4 Interval Tested from 3896 ft. to 3986 ft. Total Depth 3986 ft.
Packer Depth 3891 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3896 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3881 ft. Recorder Number 5950 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 3965 ft. Recorder Number 30046 Cap. 6000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 50 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 3000 P.P.M. Drill Pipe Length 3868 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number na Test Tool Length 28 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 90(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: WSB-BUILT TO 3/4" IN 30 MINUTES NOBB
2nd Open: WSB-BUILT TO 1/4" IN 30 MINUTES NOBB

Recovered 1 ft. of CLEAN OIL
Recovered 19 ft. of SLOCWCM 1%O 3%W 96%M
Recovered 20 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Recovered _____ ft. of _____	Insurance
Remarks: _____	
TOOL SAMPLE: <u>5%O 3%W 92%M</u>	Total

Time Set Packer(s) 7:40P.M. ^{A.M.}/_{P.M.} Time Started Off Bottom 9:40P.M. ^{A.M.}/_{P.M.} Maximum Temperature 116

Initial Hydrostatic Pressure..... (A) 1832 P.S.I.
Initial Flow Period..... Minutes 30 (B) 10 P.S.I. to (C) 14 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 481 P.S.I.
Final Flow Period..... Minutes 30 (E) 16 P.S.I. to (F) 20 P.S.I.
Final Closed In Period..... Minutes 30 (G) 148 P.S.I.
Final Hydrostatic Pressure..... (H) 1847 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.