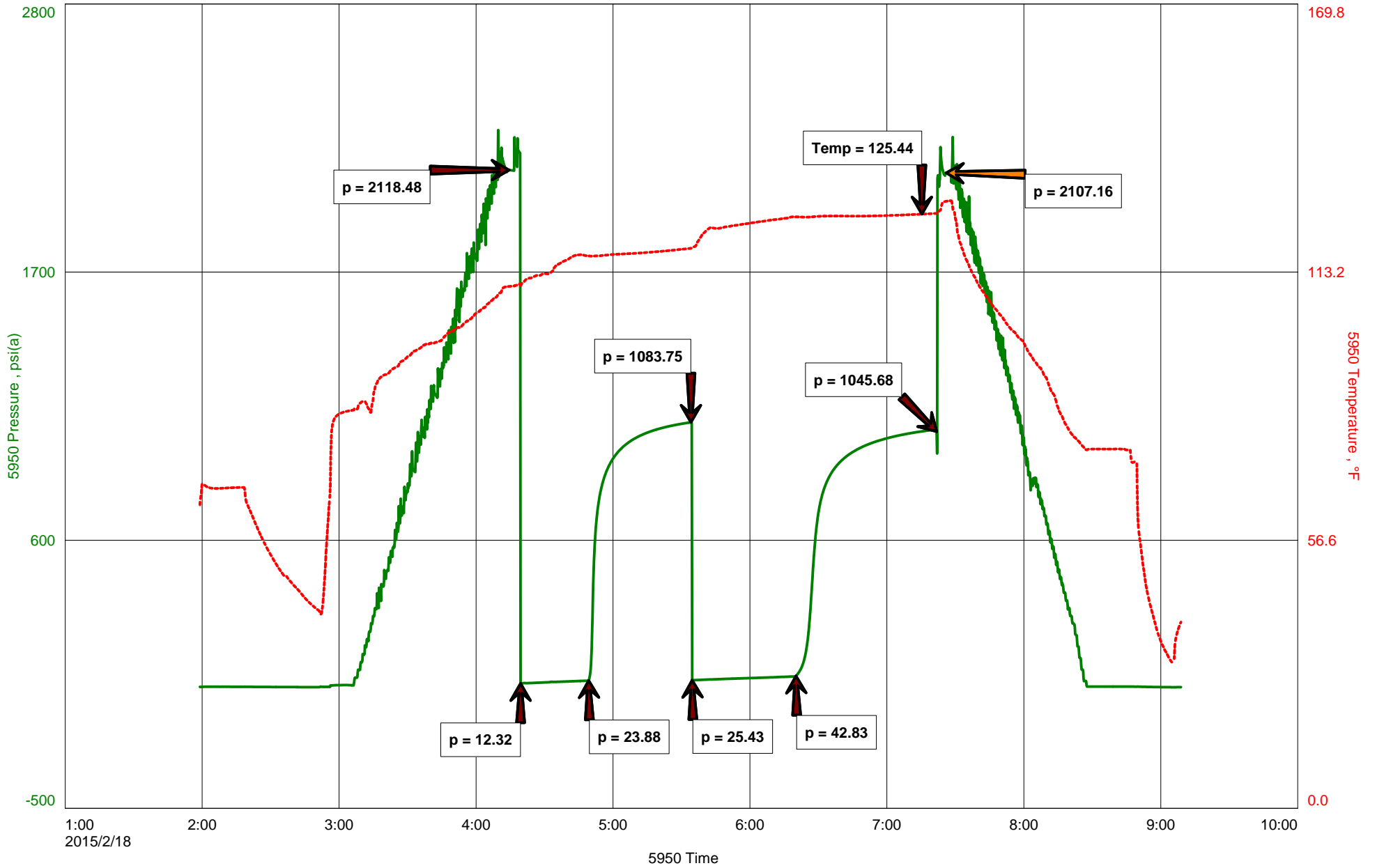


L.D. Drilling Inc
Dst #8 Miss 4356-4376'
Start Test Date: 2015/02/18
Final Test Date: 2015/02/18

Darrel #3-31
Formation: Dst #8 Miss 4356-4376'
Pool: Infield
Job Number: P0055

Darrel #3-31





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

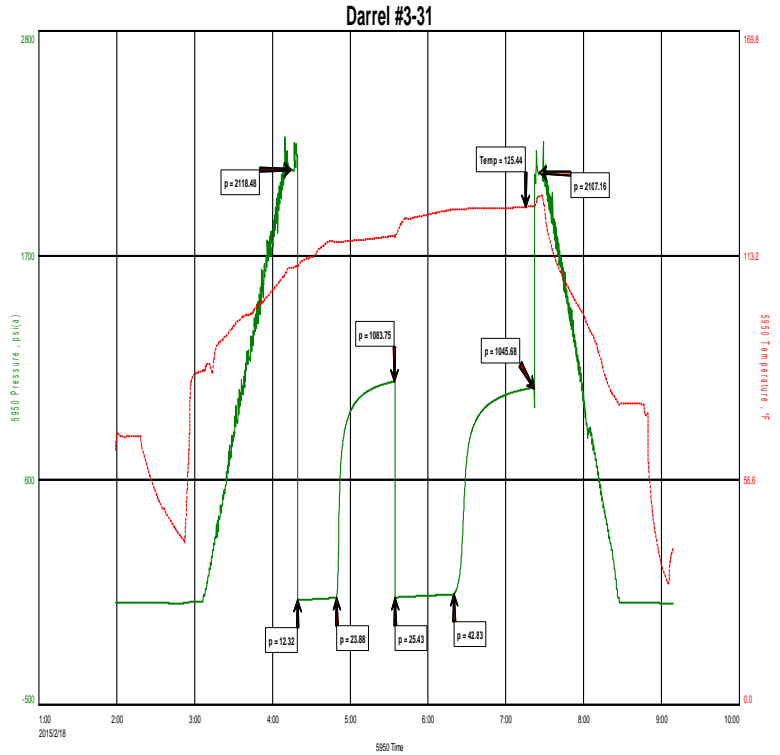
Hoisington, Kansas

General Information

Company Name L.D. Drilling Inc

Contact	L.D. Davis
Well Name	Darrel #3-31
Unique Well ID	Dst #8 Miss 4356-4376'
Surface Location	Sec31-14s-29w Gove County
Field	Lundgren
Well Type	Vertical
Test Type	Drill Stem Test
Well Operator	L.D. Drilling Inc

Formation	Dst #8 Miss 4356-4376'
Well Fluid Type	01 Oil
Test Purpose	Initial Test
Start Test Date	2015/02/18
Start Test Time	01:59:00
Final Test Time	09:08:00
Job Number	P0055
Report Date	2015/02/18
Prepared By	Michael Carroll



TEST RECOVERY

Remarks	Recovery:	10'	Clean Oil	Gravity 37 @ 60 Degrees
		58'	VSLOCWCM	1%O 3%W 96%M
	Total Fluid:	68'		
	Tool Sample:	28%O 12%W 60%M		



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: Darrel#3-31Dst#8

TIME ON: 0159
TIME OFF: 0908

Company L.D. Drilling Inc Lease & Well No. Darrel #3-31
Contractor L.D. Drilling Charge to L.D. Drilling Inc
Elevation 2699KB Formation _____ Miss Effective Pay _____ Ft. Ticket No. P0055
Date 2-18-15 Sec. 31 Twp. _____ 14 S Range _____ 29 W County _____ Gove State KANSAS
Test Approved By Kim Shoemaker Diamond Representative Michael Carroll

Formation Test No. 8 Interval Tested from 4356 ft. to 4376 ft. Total Depth 4376 ft.
Packer Depth 4351 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4356 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4341 ft. Recorder Number _____ Cap. 5950 P.S.I.
Bottom Recorder Depth (Outside) 4357 ft. Recorder Number 30046 Cap. 6000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 49 Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 9.6 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides 3000 P.P.M. Drill Pipe Length 4323 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 20 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 3" IN 30 MINUTES **NOBB**
2nd Open: WSB-BUILT TO 2 1/2" IN 45 MINUTES **NOBB**

Recovered 10 ft. of CLEAN OIL 37 GRAVITY @ 60 DEGREES
Recovered 58 ft. of VSLOCWCM 1%O 3%W 96%M
Recovered 68 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Recovered _____ ft. of _____	Insurance
Remarks: _____	
TOOL SAMPLE: 28%O 12%W 60%M	Total

Time Set Packer(s) 4:17A.M. A.M. Time Started Off Bottom 7:17A.M. P.M. Maximum Temperature 125

Initial Hydrostatic Pressure..... (A) 2118 P.S.I.
Initial Flow Period..... Minutes 30 (B) 12 P.S.I. to (C) 24 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1084 P.S.I.
Final Flow Period..... Minutes 45 (E) 25 P.S.I. to (F) 43 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1046 P.S.I.
Final Hydrostatic Pressure..... (H) 2107 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.