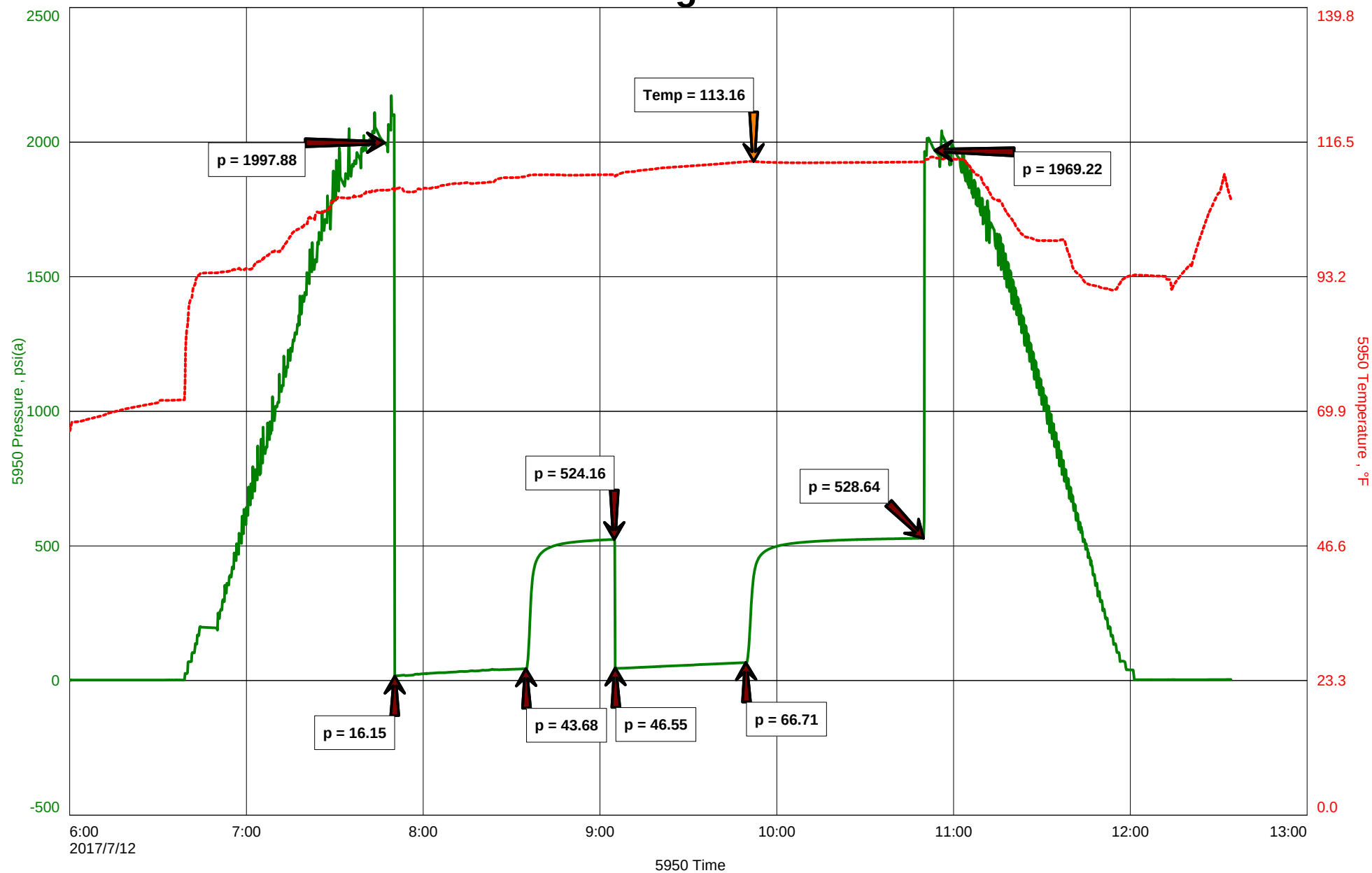


RJM
Dst #1 Cherokee 3976-4023'
Start Test Date: 2017/07/12
Final Test Date: 2017/07/12

Derr-Legleiter #1
Formation: Dst #1 Cherokee 3976-4023'
Pool: Infield
Job Number: P0193

Derr-Legleiter #1





Hoisington, Kansas

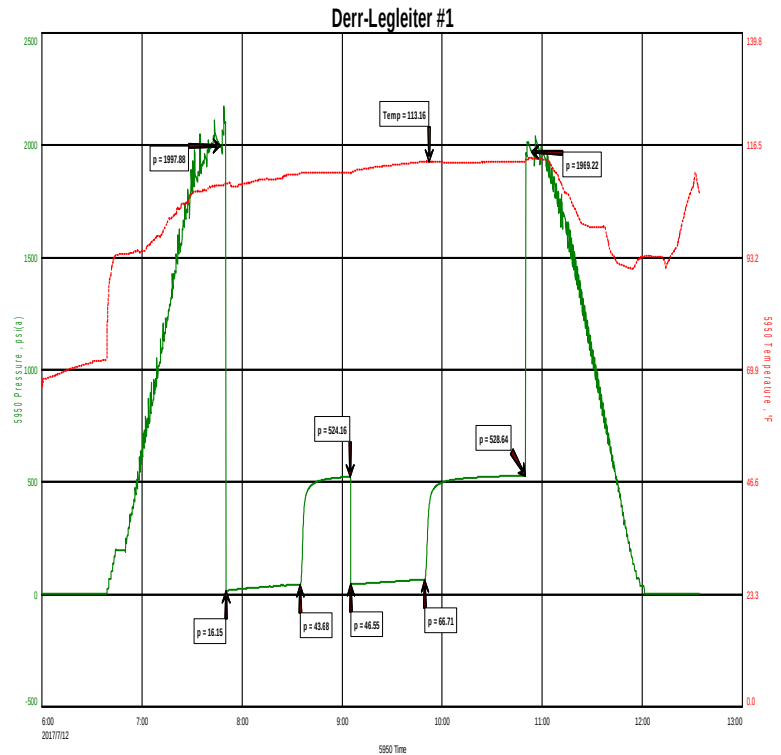
Michael Carroll
620-617-0368
carroll.dtlc@gmail.com

General Information

Company Name RJM

Contact Chris Hoffman
Well Name Derr-Legleiter #1
Unique Well ID Dst #1 Cherokee 3976-4023'
Surface Location Sec 16-17s-20w Rush County
Field NA
Well Type Vertical
Test Type Drill Stem Test
Well Operator RJM

Formation Dst #1 Cherokee 3976-4023'
Well Fluid Type 06 Water
Test Purpose Initial Test
Start Test Date 2017/07/12
Start Test Time 06:00:00
Final Test Time 12:35:00
Job Number P0193
Report Date 2017/07/12
Prepared By Michael Carroll



TEST RECOVERY

Remarks Recovery: 105' MW 53%W 47%M

Total Fluid: 105'

Tool Sample: 70%W 30%M Trace Of Oil

Chlorides 18000 PPM
RW .33 @ 90 Degrees
PH 7



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

TIME ON: 0600
TIME OFF: 1235

DRILL-STEM TEST TICKET
FILE: DERR-LEGLEITER#1DST#1

Company RJM Lease & Well No. DERR-LEGLEITER #1
Contractor SOUTHWIND RIG 3 Charge to RJM
Elevation 2144SUR Formation CHEROKEE SAND Effective Pay _____ Ft. Ticket No. P0193
Date 07-12-17 Sec. 16 Twp. 17 S Range 20 W County RUSH State KANSAS
Test Approved By JIM MUSGROVE Diamond Representative Michael Carroll

Formation Test No. 1 Interval Tested from 3976 ft. to 4023 ft. Total Depth 4023 ft.

Packer Depth 3971 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Packer Depth 3976 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3961 ft. Recorder Number 5950 Cap. 5000 P.S.I.

Bottom Recorder Depth (Outside) 4013 ft. Recorder Number 5588 Cap. 6000 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 55 Drill Collar Length _____ ft. I.D. 2 1/4 in.

Weight 9.3 Water Loss 9.6 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.

Chlorides 5000 P.P.M. Drill Pipe Length 3943 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number 11 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.

Did Well Flow? NO Reversed Out NO Anchor Length 47(15.5A) 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 4" IN 45 MINUTES NOBB

2nd Open: NO BLOW-BUILT TO 3" IN 45 MINUTES NOBB

Recovered 105 ft. of MW 53%W 47%M CHLORIDES 18000 PPM

Recovered 105 ft. of TOTAL FLUID RW .33 @ 90 DEGREES

Recovered _____ ft. of _____ PH 7

Recovered _____ ft. of _____

Recovered _____ ft. of _____ Price Job

Recovered _____ ft. of _____ Other Charges

Remarks: TOOL SAMPLE: 70%W 30%M TRACE OF OIL Insurance

_____ Total

Time Set Packer(s) 7:48A.M. A.M. P.M. Time Started Off Bottom 10:48A.M. A.M. P.M. Maximum Temperature 113

Initial Hydrostatic Pressure..... (A) 1998 P.S.I.

Initial Flow Period..... Minutes 45 (B) 16 P.S.I. to (C) 44 P.S.I.

Initial Closed In Period..... Minutes 30 (D) 524 P.S.I.

Final Flow Period..... Minutes 45 (E) 47 P.S.I. to (F) 67 P.S.I.

Final Closed In Period..... Minutes 60 (G) 529 P.S.I.

Final Hydrostatic Pressure..... (H) 1969 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.