

DIAMOND TESTING

General Information Report

General Information

Company Name L.D. DRILLING, INC.
Contact L.D. DAVIS
Well Name JULIUS #1-21
Unique Well ID DST #1, MISSISSIPPIAN, 4309-4389
Surface Location SEC 21-15S-23W, TREGO CO. KS.
Field WILDCAT
Well Type Vertical
Test Type CONVENTIONAL
Formation DST #1, MISSISSIPPIAN, 4309-4389
Well Fluid Type 01 Oil

Start Test Date 2015/12/11
Final Test Date 2015/12/12

Representative TIM VENTERS
Well Operator L.D. DRILLING, INC.
Report Date 2015/12/12
Prepared By TIM VENTERS

Qualified By KIM SHOEMAKER

Start Test Time 20:29:00
Final Test Time 05:21:00

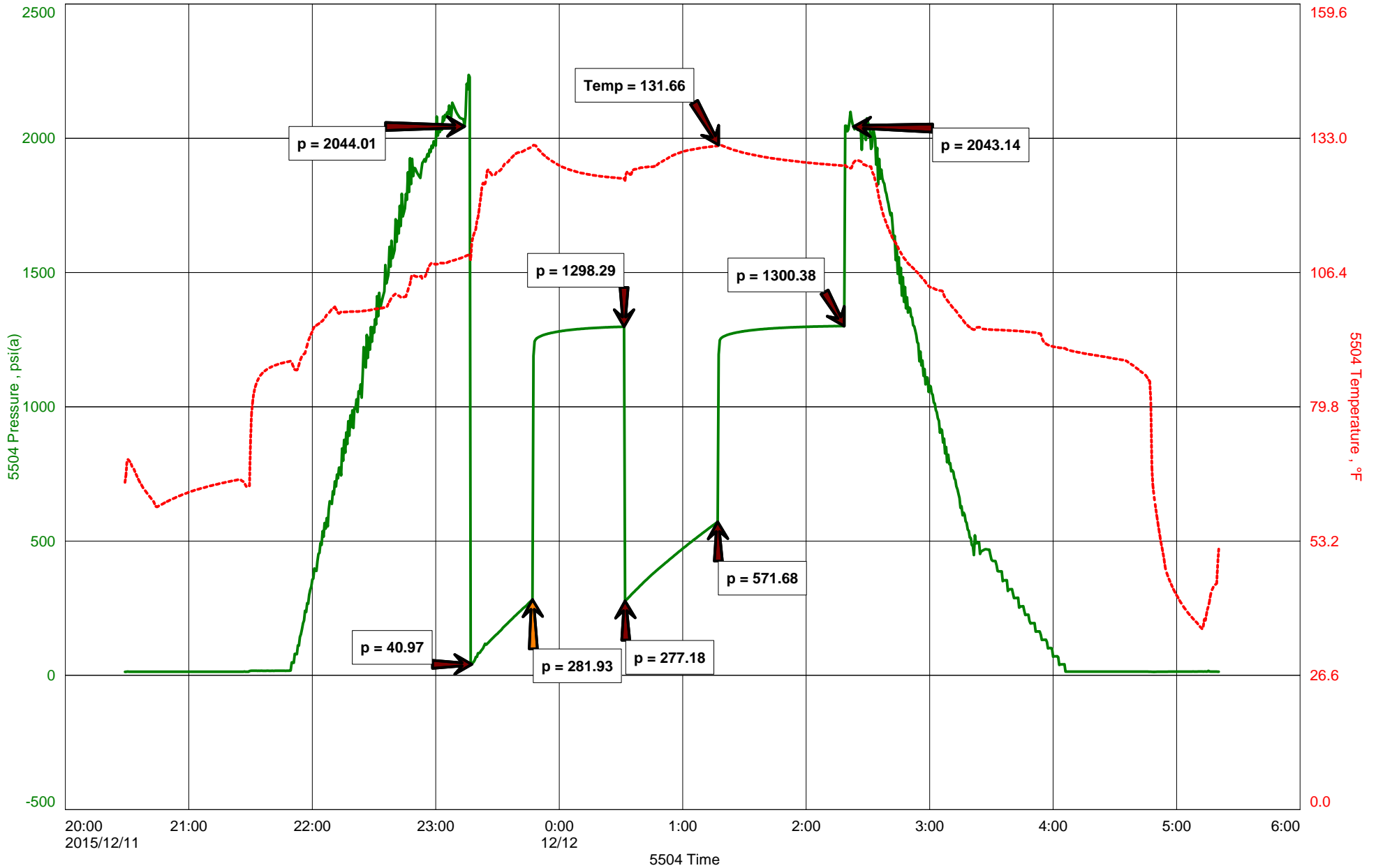
Test Recovery:

RECOVERED: 575' HWCM, 47% WATER, 53% MUD
630' SMCW, 88% WATER, 12% MUD
1205' TOTAL FLUID

TOOL SAMPLE: 98% WATER, 2% MUD

CHLORIDES: 18,000 ppm
PH: 6.5
RW: .55 @ 58 deg.

JULIUS #1-21





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: JULIUS1-21DST1

TIME ON: 21:29 12-11-15
TIME OFF: 05:21 12-12-15

Company L.D. DRILLING, INC. Lease & Well No. JULIUS #1-21
Contractor L.D. DRILLING, INC. RIG #1 Charge to L.D. DRILLING, INC.
Elevation 2409 KB Formation MISSISSIPPIAN Effective Pay _____ Ft. Ticket No. T516
Date 12-11-15 Sec. 21 Twp. _____ 15 S Range _____ 23 W County TREGO State KANSAS
Test Approved By KIM SHOEMAKER Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 1 Interval Tested from 4309 ft. to 4389 ft. Total Depth 4389 ft.
Packer Depth 4304 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4309 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4290 ft. Recorder Number 5504 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4386 ft. Recorder Number 11029 Cap. 5,025 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 55 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.1 Water Loss 7.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 5,400 P.P.M. Drill Pipe Length 4276 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 2 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 16 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. ^{64' DP IN ANCHOR} Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK 1/2 INCH BLOW, BUILDING, REACHING BOB 7 MIN. (NO BB)
2nd Open: WEAK SURFACE BLOW, BUILDING, REACHING BOB 7 1/2 MIN. (NO BB)

Recovered 575 ft. of HWCM, 47% WATER, 53% MUD
Recovered 630 ft. of SMCW, 88% WATER, 12% MUD
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Recovered _____ ft. of _____	CHLORIDES: 18,000 ppm	Price Job
Recovered _____ ft. of _____	PH: 6.5	Other Charges
Remarks: _____	RW: .55 @ 58 deg.	Insurance
TOOL SAMPLE: 98% WATER, 2% MUD		Total

Time Set Packer(s) 11:17 PM ^{A.M.}/_{P.M.} Time Started Off Bottom 2:17 AM ^{A.M.}/_{P.M.} Maximum Temperature 132 deg.

Initial Hydrostatic Pressure..... (A) 2044 P.S.I.
Initial Flow Period..... Minutes 30 (B) 41 P.S.I. to (C) 282 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1298 P.S.I.
Final Flow Period..... Minutes 45 (E) 277 P.S.I. to (F) 572 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1300 P.S.I.
Final Hydrostatic Pressure..... (H) 2043 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.