

DIAMOND TESTING

General Information Report

General Information

Company Name L.D. DRILLING, INC.
Contact L.D. DAVIS
Well Name WATT #2-10
Unique Well ID DST #3, FT. SCT./CHER., 4318-4370
Surface Location SEC 10-16S-30W, LANE CO. KS.
Field DOLL EAST
Well Type Vertical
Test Type CONVENTIONAL
Formation DST #3, FT. SCT./CHER., 4318-4370
Well Fluid Type 01 Oil

Representative TIM VENTERS
Well Operator L.D. DRILLING, INC.
Report Date 2015/01/11
Prepared By TIM VENTERS
Qualified By KIM SHOEMAKER

Start Test Date 2015/01/11
Final Test Date 2015/01/11

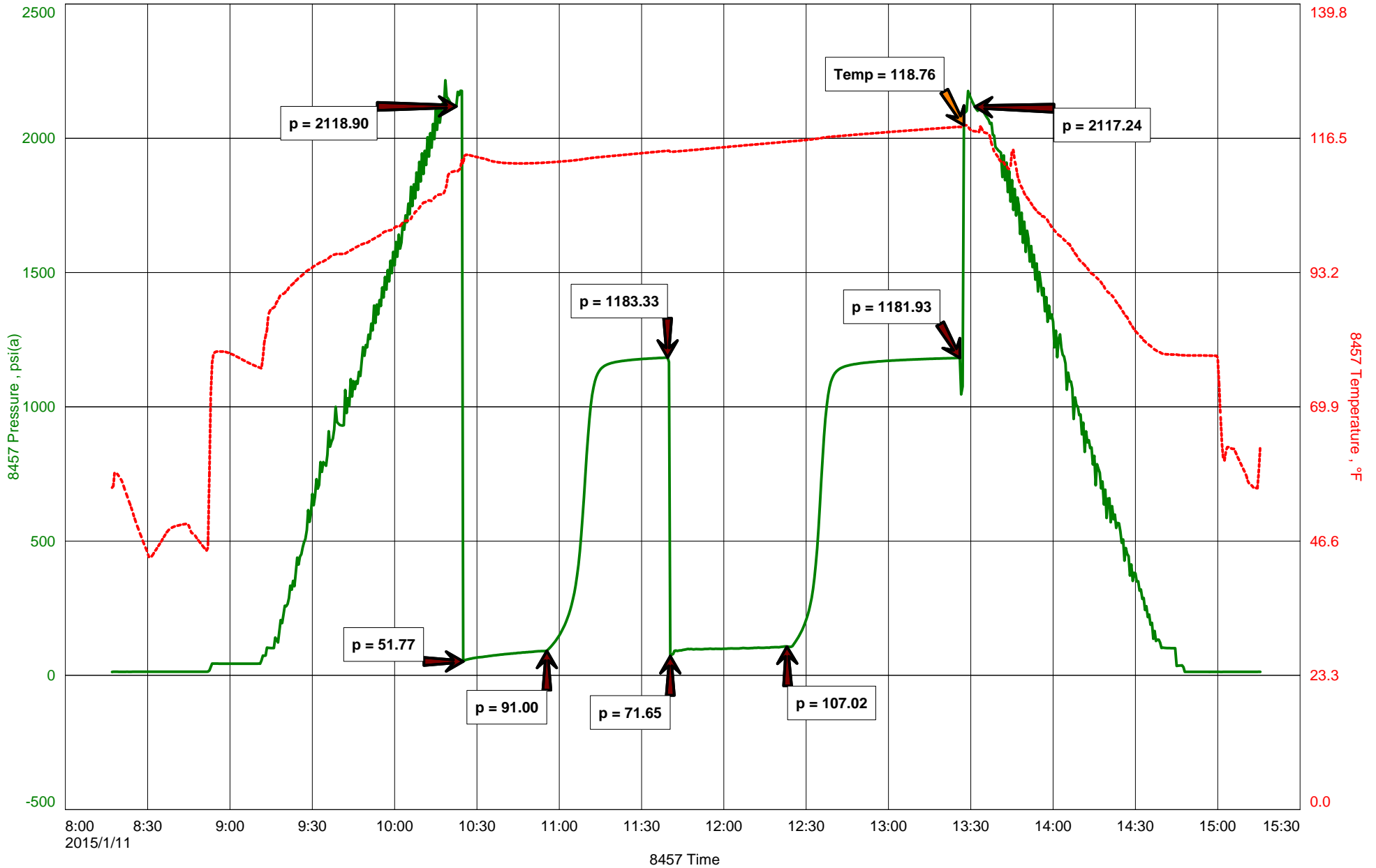
Start Test Time 08:17:00
Final Test Time 15:16:00

Test Recovery:

RECOVERED: 780' GIP
20' CO, 100% OIL, GRAVITY: 36
145' G, HMCO, 8% GAS, 54% OIL, 38% MUD
165' TOTAL FLUID

TOOL SAMPLE: 98% OIL, 2% MUD

WATT #2-10





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: WATT2-10DST3

TIME ON: 08:17
TIME OFF: 15:16

Company L.D. DRILLING, INC. Lease & Well No. WATT #2-10
Contractor WW DRILLING, LLC RIG #2 Charge to L.D. DRILLING, INC.
Elevation 2727 KB Formation FT. SCOTT/CHEROKEE Effective Pay _____ Ft. Ticket No. T432
Date 1-11-15 Sec. 10 Twp. _____ 16 S Range _____ 30 W County LANE State KANSAS
Test Approved By KIM SHOEMAKER Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 3 Interval Tested from 4318 ft. to 4370 ft. Total Depth 4370 ft.
Packer Depth 4313 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4318 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4299 ft. Recorder Number 5504 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4367 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 123 ft. I.D. 2 1/4 in.
Weight 9.0 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 1,200 P.P.M. Drill Pipe Length 4167 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 2 Test Tool Length 28 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. ^{32' DP IN ANCHOR} Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK 1/4 INCH BLOW, BUILDING, REACHING BOB 24 MIN. (NO BB)
2nd Open: GOOD 2 1/2 INCH BLOW, BUILDING, REACHING BOB 3 1/2 MIN. (NO BB)

Recovered 780 ft. of GAS IN PIPE
Recovered 20 ft. of CO, 100% OIL, GRAVITY: 36
Recovered 145 ft. of G,HMCO, 8% GAS, 54% OIL, 38% MUD
Recovered 165 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: 98% OIL, 2% MUD	Total

Time Set Packer(s) 10:25 AM ^{A.M.} P.M. Time Started Off Bottom 1:25 PM ^{A.M.} P.M. Maximum Temperature 119 deg.

Initial Hydrostatic Pressure..... (A) 2119 P.S.I.
Initial Flow Period..... Minutes 30 (B) 52 P.S.I. to (C) 91 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1183 P.S.I.
Final Flow Period..... Minutes 45 (E) 72 P.S.I. to (F) 107 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1182 P.S.I.
Final Hydrostatic Pressure..... (H) 2117 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.