

DIAMOND TESTING

General Information Report

General Information

Company Name	L.D. DRILLING, INC.	Representative	TIM VENTERS
Contact	L.D. DAVIS	Well Operator	L.D. DRILLING, INC.
Well Name	LOCKWOOD #2-35	Report Date	2014/08/28
Unique Well ID	DST #2, LANSING "E&F", 4061-4090	Prepared By	TIM VENTERS
Surface Location	SEC 35-11S-31W, GOVE CO. KS.	Qualified By	LARRY FRIEND
Field	CLEVELAND CREEK SOUTHWEST		
Well Type	Vertical		
Test Type	CONVENTIONAL		
Formation	DST #2, LANSING "E&F", 4061-4090		
Well Fluid Type	01 Oil		
Start Test Date	2014/08/28	Start Test Time	00:16:00
Final Test Date	2014/08/28	Final Test Time	09:14:00

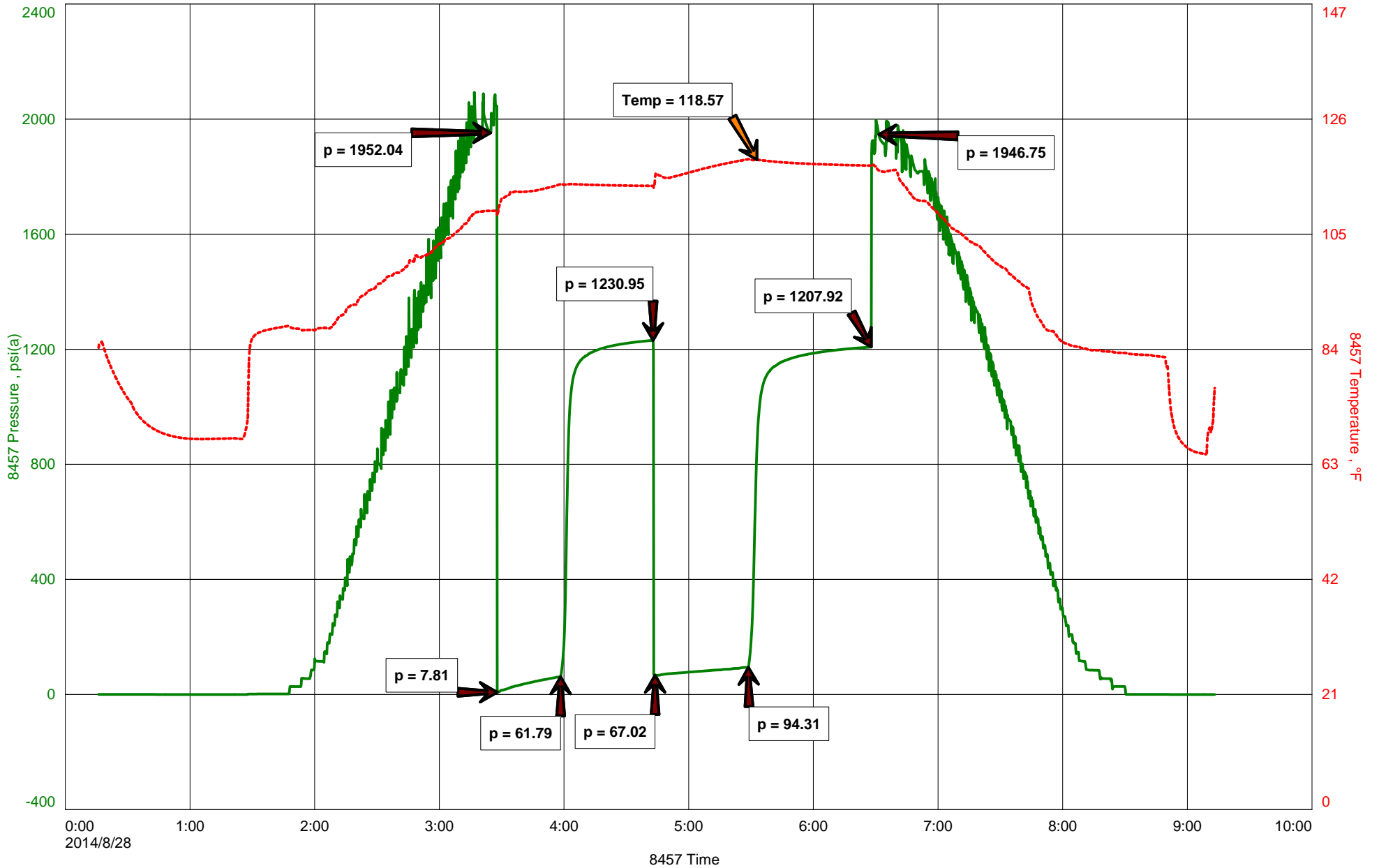
Test Recovery:

RECOVERED: 215' GAS IN PIPE
80' SMCO, 98% OIL, 2% MUD, GRAVITY: 36
20' SW&MCO, 84% OIL, 6% WATER, 10% MUD
55' SOHWCM, 11% OIL, 38% WATER, 51% MUD
55' SMCW W/TR. O, TRACE OIL, 91% WATER, 9% MUD
210' TOTAL FLUID

TOOL SAMPLE: 3% OIL, 97% WATER

CHLORIDES: 87,000 ppm
PH: 7.0
RW: .12 @ 70 deg.

LOCKWOOD #2-35





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: LOCKWOOD2-35DST2

TIME ON: 00:16
TIME OFF: 09:14

Company L.D. DRILLING, INC. Lease & Well No. LOCKWOOD #2-35
Contractor SKYTOP DRILLING, LLC RIG #1 Charge to L.D. DRILLING, INC.
Elevation 2956 KB Formation LANSING "E&F" Effective Pay _____ Ft. Ticket No. T385
Date 8-28-14 Sec. 35 Twp. _____ 11 S Range _____ 31 W County GOVE State KANSAS
Test Approved By LARRY FRIEND Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 2 Interval Tested from 4061 ft. to 4090 ft. Total Depth 4090 ft.
Packer Depth 4056 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4061 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 4042 ft. Recorder Number 8457 Cap. 10,000 P.S.I.
Bottom Recorder Depth (Outside) 4087 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 50 Drill Collar Length 141 ft. I.D. 2 1/4 in.
Weight 9.4 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 500 P.P.M. Drill Pipe Length 3887 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 29 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: WEAK 1/4 INCH BLOW, BUILDING TO 11 1/2 INCHES. (NO BB)
2nd Open: WEAK SURFACE BLOW, BUILDING, REACHING BOB 33 MIN. (NO BB)

Recovered <u>215</u> ft. of <u>GAS IN PIPE</u>	
Recovered <u>80</u> ft. of <u>SMCO, 98% OIL, 2% MUD, GRAVITY: 36</u>	
Recovered <u>20</u> ft. of <u>SW&MCO, 84% OIL, 6% WATER, 10% MUD</u>	
Recovered <u>55</u> ft. of <u>SOHWCM, 11% OIL, 38% WATER, 51% MUD</u>	
Recovered <u>55</u> ft. of <u>SMCW W/TR. O, TRACE OIL, 91% WATER, 9% MUD</u>	Price Job
Recovered <u>210</u> ft. of <u>TOTAL FLUID</u> CHLORIDES: <u>87,000</u> ppm	Other Charges
Remarks: _____ PH: <u>7.0</u>	Insurance
_____ RW: <u>.12 @ 70 deg.</u>	
TOOL SAMPLE: <u>3% WATER, 97% OIL</u>	Total

Time Set Packer(s) 3:28 AM A.M. P.M. Time Started Off Bottom 6:28 AM A.M. P.M. Maximum Temperature 119 deg.
Initial Hydrostatic Pressure..... (A) 1952 P.S.I.
Initial Flow Period..... Minutes 30 (B) 8 P.S.I. to (C) 62 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1231 P.S.I.
Final Flow Period..... Minutes 45 (E) 67 P.S.I. to (F) 94 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1208 P.S.I.
Final Hydrostatic Pressure..... (H) 1947 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.