

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	2014/09/01
Unique Well ID	DST 5, MYR./FT. SC./JOH., 4417-4545	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 5, MYR./FT. SC./JOH., 4417-4545		
Well Fluid Type	01 Oil		
Start Test Date	2014/08/31	Start Test Time	20:43:00
Final Test Date	2014/09/01	Final Test Time	07:05:00

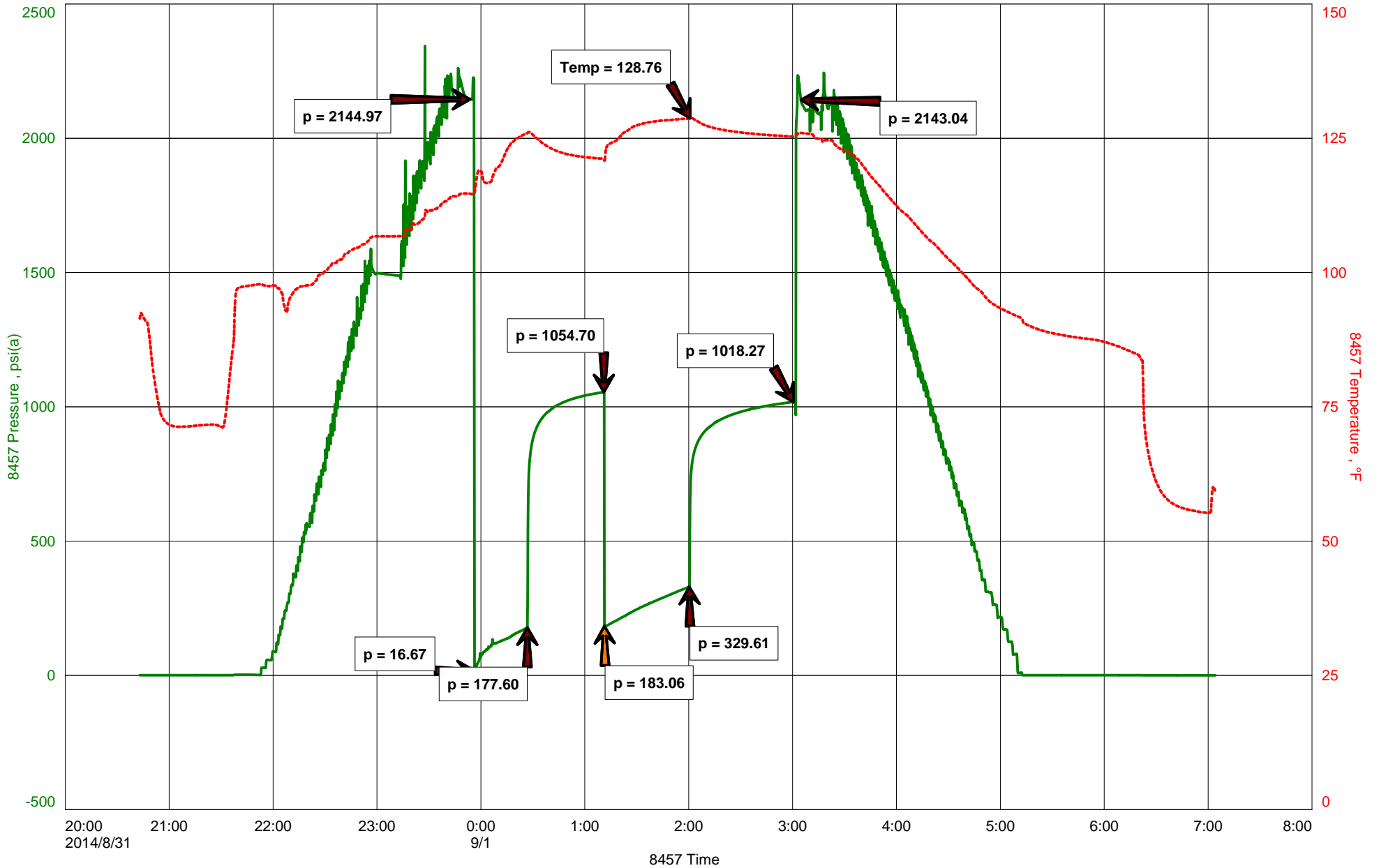
Test Recovery:

RECOVERED: 130' SOHWCM, 1% OIL, 47% WATER, 52% MUD
245' MCW W/SP. O, SPOTTY OIL, 66% WATER, 34% MUD
240' SMCW, 88% WATER, 12% MUD
55' WCM 31% WATER, 69% MUD
670' TOTAL FLUID

TOOL SAMPLE: 99% WATER, 1% MUD

CHLORIDES: 85,000 ppm
PH: 5.5
RW: .13 @ 66 deg.

LOCKWOOD #2-35





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: LOCKWOOD2-35DST5

TIME ON: 20:43 8-30-14
TIME OFF: 07:05 9-1-14

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 MYRIC/FT. SCOTT/JOHNSON Effective Pay _____ Ft. Ticket No. T388
Date 8-31-14 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. 5 Interval Tested from 4417 ft. to 4545 ft. Total Depth 4545 ft.
Packer Depth 4412 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4417 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 4398 ft. Recorder Number 8457 Cap. 10,000 P.S.I.
Bottom Recorder Depth (Outside) 4542 ft. Recorder Number 11030 Cap. 5,025 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 54 Drill Collar Length 141 ft. I.D. 2 1/4 in.
Weight 9.4 Water Loss 10.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 1,000 P.P.M. Drill Pipe Length 4243 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 34 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. ^{94' 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 15 1/2 MIN. (NO BB)
2nd Open: VERY WEAK SURFACE BLOW, BUILDING, REACHING BOB 20 1/2 MIN. (NO BB)

Recovered 130 ft. of SOHWCM, 1% OIL, 47% WATER, 52% MUD
Recovered 245 ft. of MCW W/SP. O, SPOTTY OIL, 66% WATER, 34% MUD
Recovered 240 ft. of SMCW, 88% WATER, 12% MUD
Recovered 55 ft. of WCM, 31% WATER, 69% MUD
Recovered 670 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: 99% WATER, 1% MUD	Total

Time Set Packer(s) 11:56 PM ^{A.M.}/_{P.M.} Time Started Off Bottom 3:00 AM ^{A.M.}/_{P.M.} Maximum Temperature 129 deg.

Initial Hydrostatic Pressure..... (A) 2145 P.S.I.
Initial Flow Period..... Minutes 30 (B) 17 P.S.I. to (C) 178 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1055 P.S.I.
Final Flow Period..... Minutes 49 (E) 183 P.S.I. to (F) 330 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1018 P.S.I.
Final Hydrostatic Pressure..... (H) 2143 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.