

DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	L.D. DRILLING, INC.	Job Number	M538
Well Name	APPLEBEE-SCHLESSIGER CATTLE#3	Representative	MIKE COCHRAN
Unique Well ID	DST#1 2911-2945 TORONTO	Well Operator	L.D. DRILLING, INC.
Surface Location	SEC.21-15S-12W RUSSELL CO.KS.	Report Date	2013/09/02
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	RANDY KILIAN
		Test Unit	NO. 1

Test Information

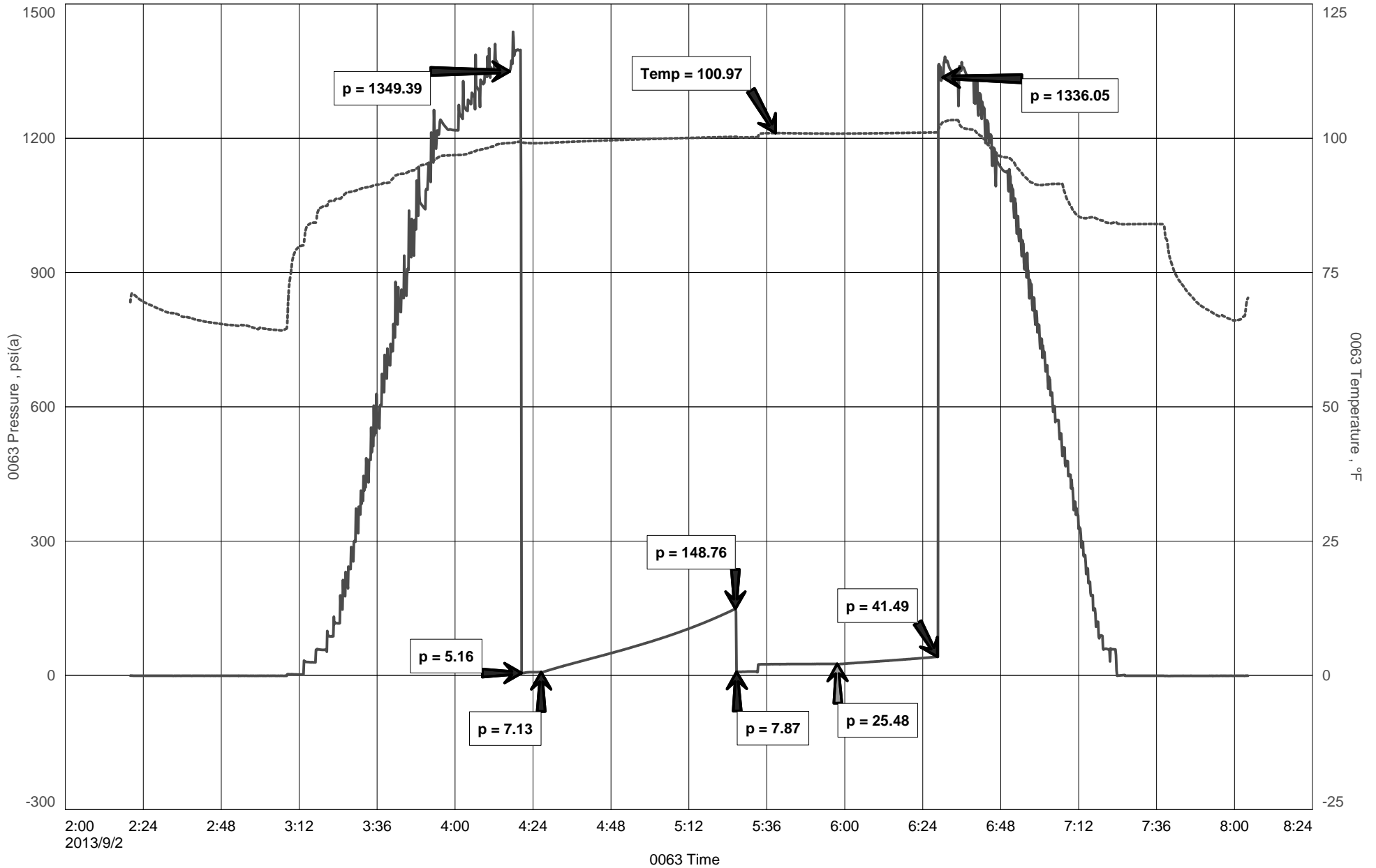
Test Type	CONVENTIONAL		
Formation	DST#1 2911-2945 TORONTO		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2013/09/02	Start Test Time	02:20:00
Final Test Date	2013/09/02	Final Test Time	08:05:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

Test Results

Remarks RECOVERED:
10' DM 100% MUD
10' TOTAL FLUID

TOOL SAMPLE: 100% MUD W/ A FEW OIL SPOTS & SOME GASSY BUBBLES

APPLEBEE-SCHLESSIGER CATTLE#3





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: ASC3DST1

TIME ON: 0220
TIME OFF: 0805

Company L.D. DRILLING, INC. Lease & Well No. APPLEBEE-SCHLESSIGER CATTLE#3
Contractor PETROMARK DRILLING, LLC-RIG 2 Charge to L.D. DRILLING, INC.
Elevation 1852 KB Formation TORONTO Effective Pay _____ Ft. Ticket No. M538
Date 9/2/2013 Sec. 21 Twp. 15 S Range 12 W County RUSSELL State KANSAS
Test Approved By RANDY KILIAN Diamond Representative MIKE COCHRAN

Formation Test No. 1 Interval Tested from 2911 ft. to 2945 ft. Total Depth 2945 ft.
Packer Depth 2906 ft. Size 6 3/4 in. Packer depth N/A ft. Size 6 3/4 in.
Packer Depth 2911 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 2893 ft. Recorder Number 0063 Cap. 3603 P.S.I.
Bottom Recorder Depth (Outside) 2942 ft. Recorder Number 6884 Cap. 6,275 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEM Viscosity 53 Drill Collar Length 120 ft. I.D. 2 1/4 in.
Weight 8.9 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 1,000 P.P.M. Drill Pipe Length 2759 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number SFTY JOINT Test Tool Length 32 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. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: A WEAK DIMINISHING SURFACE BLOW (NO BB)
2nd Open: NO BLOW, FLUSH TOOL, A SURGE OF BUBBLES THEN NO BLOW

Recovered 10 ft. of DM 100% MUD
Recovered 10 ft. of TOTAL FLUID
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Remarks: _____	Price Job
_____	Other Charges
_____	Insurance
TOOL SAMPLE: 100% MUD W/ A FEW OIL SPOTS & SOME GASSY BUBBLES	Total

Time Set Packer(s) 4:25 A.M. ^{A.M.}/_{P.M.} Time Started Off Bottom 6:30 A.M. ^{A.M.}/_{P.M.} Maximum Temperature 101

Initial Hydrostatic Pressure..... (A) 1349 P.S.I.
Initial Flow Period..... Minutes 5 (B) 5 P.S.I. to (C) 7 P.S.I.
Initial Closed In Period..... Minutes 60 (D) 149 P.S.I.
Final Flow Period..... Minutes 30 (E) 8 P.S.I. to (F) 25 P.S.I.
Final Closed In Period..... Minutes 30 (G) 41 P.S.I.
Final Hydrostatic Pressure..... (H) 1336 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.