

# DIAMOND TESTING

## Pressure Survey Report

### General Information

Company Name	L.D. DRILLING, INC.	Job Number	M540
Well Name	APPLEBEE-SCHLESSIGER CATTLE#3	Representative	MIKE COCHRAN
Unique Well ID	DST#3 3110-3210 LKC G-J	Well Operator	L.D. DRILLING, INC.
Surface Location	SEC.21-15S-12W RUSSELL CO.KS.	Report Date	2013/09/03
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	RANDY KILLIAN
		Test Unit	NO. 1

### Test Information

Test Type	CONVENTIONAL		
Formation	DST#3 3110-3210 LKC G-J		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2013/09/03	Start Test Time	14:05:00
Final Test Date	2013/09/03	Final Test Time	21:15:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

### Test Results

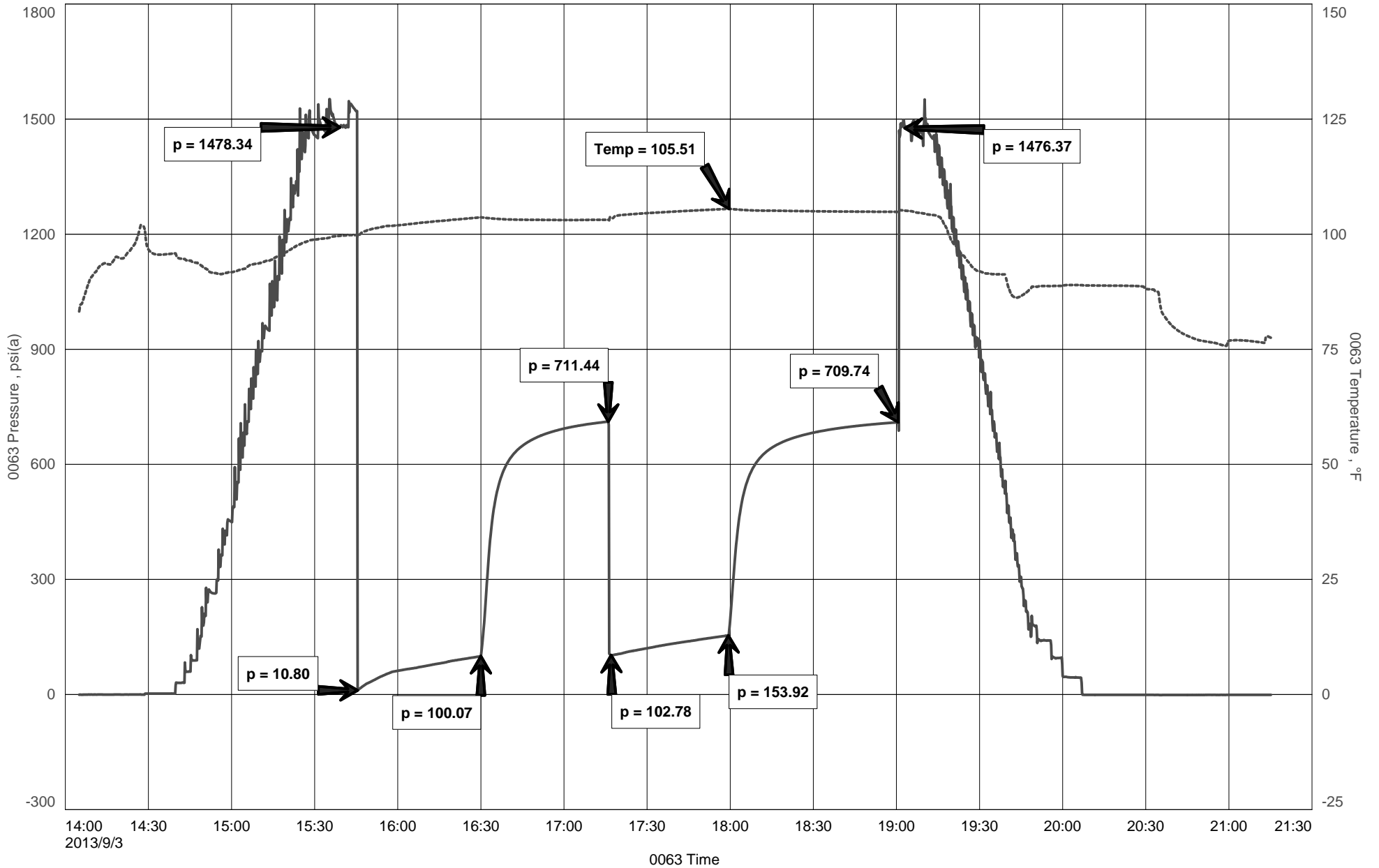
Remarks RECOVERED:

495' GIP  
80' GHOCWM 10% GAS, 25% OIL, 15% WTR, 50% MUD  
245' GSOSMW 1% GAS, 90% WTR, 9% MUD W/ A SCUM OF OIL (125' DP,120'DC)  
325' TOTAL FLUID

CHLOR: 42,000 PPM  
PH:7.0  
RW: .30 @ 74 DEG

TOOL SAMPLE: 1% GAS, 98% WTR, 1% MUD W/ A FEW SPECKS OF WTR

# APPLEBEE-SCHLESSIGER CATTLE#3





**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: ASC3DST3

TIME ON: 1405  
TIME OFF: 2115

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 LKC G-J Effective Pay \_\_\_\_\_ Ft. Ticket No. M540  
Date 9/3/2013 Sec. 21 Twp. 15 S Range 12 W County RUSSELL State KANSAS  
Test Approved By RANDY KILIAN Diamond Representative MIKE COCHRAN

Formation Test No. 3 Interval Tested from 3110 ft. to 3210 ft. Total Depth 3210 ft.  
Packer Depth 3105 ft. Size 6 3/4 in. Packer depth N/A ft. Size 6 3/4 in.  
Packer Depth 3110 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3092 ft. Recorder Number 0063 Cap. 3603 P.S.I.  
Bottom Recorder Depth (Outside) 3207 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 54 Drill Collar Length 120 ft. I.D. 2 1/4 in.  
Weight 9.1 Water Loss 9.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 5,000 P.P.M. Drill Pipe Length 2958 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 100 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: SSB, BOB 15 1/2 MIN (1" BB)  
2nd Open: SSB, BOB 10 MIN (3 1/2" BB)

Recovered 495 ft. of GIP  
Recovered 80 ft. of GHOCWM 10% GAS, 25% OIL, 15% WTR, 50% MUD  
Recovered 245 ft. of GSOSMW 1% GAS, 90% WTR, 9% MUD W/ A SCUM OF OIL (125' DP, 120'DC)  
Recovered 325 ft. of TOTAL FLUID

Recovered _____ ft. of <u>CHLOR: 42,000 PPM</u>	Price Job
Recovered _____ ft. of <u>RW: .30 @ 74 DEG</u>	Other Charges
Remarks: <u>PH: 7.0</u>	Insurance
<u>TOOL SAMPLE: 1% GAS, 98% WTR, 1% MUD W/ A FEW SPECKS OF WTR</u>	Total

Time Set Packer(s) 3:45 P.M. <sup>A.M.</sup> P.M. Time Started Off Bottom 7:00 P.M. <sup>A.M.</sup> P.M. Maximum Temperature 106

Initial Hydrostatic Pressure..... (A) 1478 P.S.I.  
Initial Flow Period..... Minutes 45 (B) 11 P.S.I. to (C) 100 P.S.I.  
Initial Closed In Period..... Minutes 45 (D) 711 P.S.I.  
Final Flow Period..... Minutes 45 (E) 103 P.S.I. to (F) 154 P.S.I.  
Final Closed In Period..... Minutes 60 (G) 710 P.S.I.  
Final Hydrostatic Pressure..... (H) 1476 P.S.I.

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