



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: ASC3DST2

TIME ON: 1820 (9/2)
TIME OFF: 0135 (9/3)

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 A-C Effective Pay _____ Ft. Ticket No. M539
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. 2 Interval Tested from 3007 ft. to 3075 ft. Total Depth 3075 ft.
Packer Depth 3002 ft. Size 6 3/4 in. Packer depth N/A ft. Size 6 3/4 in.
Packer Depth 3007 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 2989 ft. Recorder Number 0063 Cap. 3603 P.S.I.
Bottom Recorder Depth (Outside) 3072 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 56 Drill Collar Length 120 ft. I.D. 2 1/4 in.
Weight 9.0 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 5,000 P.P.M. Drill Pipe Length 2855 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 68 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, 1" RIGHT AWAY INC. TO 7 1/2" (NO BB)
2nd Open: SSB, BOB 27 MIN, AFTER 50 MIN DIMINISHING TO 10 1/2" @ SHUT IN (NO BB)

Recovered 240 ft. of GIP
Recovered 70 ft. of GM 1% GAS, 99% MUD W/ A VERY THIN SCUM OF OIL
Recovered 70 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Recovered _____ ft. of _____	Insurance
Remarks: _____	
TOOL SAMPLE: <u>1% GAS, 99% MUD W/ A THICK SCUM OF OIL</u>	Total

Time Set Packer(s) 8:00 P.M. ^{A.M.} P.M. Time Started Off Bottom 11:35 P.M. ^{A.M.} P.M. Maximum Temperature 103

Initial Hydrostatic Pressure..... (A) 1403 P.S.I.
Initial Flow Period..... Minutes 5 (B) 15 P.S.I. to (C) 18 P.S.I.
Initial Closed In Period..... Minutes 60 (D) 662 P.S.I.
Final Flow Period..... Minutes 60 (E) 23 P.S.I. to (F) 49 P.S.I.
Final Closed In Period..... Minutes 90 (G) 618 P.S.I.
Final Hydrostatic Pressure..... (H) 1400 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.

DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	L.D. DRILLING, INC.	Job Number	M539
Well Name	APPLEBEE-SCHLESSIGER CATTLE#3	Representative	MIKE COCHRAN
Unique Well ID	DST#2 3007-3075 LKC A-C	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 KILLIAN
		Test Unit	NO. 1

Test Information

Test Type	CONVENTIONAL		
Formation	DST#2 3007-3075 LKC A-C		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2013/09/02	Start Test Time	18:20:00
Final Test Date	2013/09/02	Final Test Time	01:35:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

Test Results

Remarks RECOVERED:

240' GIP
70' GM 1% GAS, 99% MUD W/ A VERY THIN SCUM OF OIL
70' TOTAL FLUID

TOOL SAMPLE: 1% GAS, 99% MUD W/ A THICK SCUM OF OIL

APPLEBEE-SCHLESSIGER CATTLE#3

