

DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	L.D. DRILLING, INC.	Job Number	M541
Well Name	APPLEBEE-SCHLESSIGER CATTLE#3	Representative	MIKE COCHRAN
Unique Well ID	DST#4 3256-3280 ARBUCKLE	Well Operator	L.D. DRILLING, INC.
Surface Location	SEC.21-15S-12W RUSSELL CO.KS.	Report Date	2013/09/04
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	RANDY KILLIAN
		Test Unit	NO. 1

Test Information

Test Type	CONVENTIONAL		
Formation	DST#4 3256-3280 ARBUCKLE		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2013/09/04	Start Test Time	05:40:00
Final Test Date	2013/09/04	Final Test Time	10:25:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

Test Results

Remarks RECOVERED:

<1' CO 100% OIL
<1' OCDM
~1' TOTAL FLUID

ESTIMATED GRAVITY: ~36

CHLOR: 6,000 PPM

TOOL SAMPLE: 3% OIL, 6% WTR, 91% MUD



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: ASC3DST4

TIME ON: 0540
TIME OFF: 1025

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 ARBUCKLE Effective Pay _____ Ft. Ticket No. M541
Date 9/4/2013 Sec. 21 Twp. 15 S Range 12 W County RUSSELL State KANSAS
Test Approved By RANDY KILIAN Diamond Representative MIKE COCHRAN

Formation Test No. 4 Interval Tested from 3256 ft. to 3280 ft. Total Depth 3280 ft.
Packer Depth 3251 ft. Size 6 3/4 in. Packer depth N/A ft. Size 6 3/4 in.
Packer Depth 3256 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 3238 ft. Recorder Number 0063 Cap. 3603 P.S.I.
Bottom Recorder Depth (Outside) 3277 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 3104 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 24 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 WSB DIMINISHING UNTIL DEAD @ SHUT IN (NO BB)
2nd Open: A BUBBLE ON TOOL OPEN THEN NO BLOW (NO BB)

Recovered <1 ft. of CO 100% OIL EST. ~36 GRAVITY
Recovered <1 ft. of OCDM
Recovered ~1 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of <u>CHLOR:6,000 PPM</u>	Other Charges
Remarks: _____	Insurance
<u>TOOL SAMPLE:3% OIL, 6% WTR, 91% MUD</u>	Total

Time Set Packer(s) 7:05 A.M. ^{A.M.}/_{P.M.} Time Started Off Bottom 8:40 A.M. ^{A.M.}/_{P.M.} Maximum Temperature 102

Initial Hydrostatic Pressure..... (A) 1559 P.S.I.
Initial Flow Period..... Minutes 5 (B) 9 P.S.I. to (C) 10 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 363 P.S.I.
Final Flow Period..... Minutes 30 (E) 6 P.S.I. to (F) 8 P.S.I.
Final Closed In Period..... Minutes 30 (G) 95 P.S.I.
Final Hydrostatic Pressure..... (H) 1556 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.

APPLEBEE-SCHLESSIGER CATTLE#3

