



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: 1-15MLRDST4

TIME ON: 0030
TIME OFF: 0735

Company L.D. DRILLING, INC. Lease & Well No. #1-15 MAULER
Contractor L.D.DRILLING,INC.RIG 1 Charge to L.D. DRILLING, INC.
Elevation 1921 KB Formation ARBUCKLE Effective Pay _____ Ft. Ticket No. M821
Date 3/14/2016 Sec. 15 Twp. 18 S Range 14 W County BARTON State KANSAS
Test Approved By KIM SHOEMAKER Diamond Representative MIKE COCHRAN

Formation Test No. 4 Interval Tested from 3382 ft. to 3448 ft. Total Depth 3448 ft.
Packer Depth 3377 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 3382 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3369 ft. Recorder Number 5448 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 3384 ft. Recorder Number 0063 Cap. 5,000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEM Viscosity 60 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.1 Water Loss 11.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 9,400 P.P.M. Drill Pipe Length 3355 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number SFTY JT Test Tool Length 27 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 66 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. (32'DP) Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: SSB, BOB 26 MIN (NO BB)
2nd Open: WSB, BOB 25 MIN (NO BB)

Recovered 270 ft. of VSGMW 81% WTR, 19% MUD W/ A FEW GASSY BUBBLES

Recovered 270 ft. of TOTAL FLUID

Recovered _____ ft. of _____

Recovered _____ ft. of CHLOR: 22,000 PPM

Recovered _____ ft. of RW: .38 @ 60 DEG

Recovered _____ ft. of PH: 7.0

Remarks: _____

TOOL SAMPLE: 75% WTR, 25% MUD

Time Set Packer(s) 2:30 A.M. A.M. P.M. Time Started Off Bottom 5:30 A.M. P.M. Maximum Temperature 108°F

Initial Hydrostatic Pressure..... (A) 1634 P.S.I.
Initial Flow Period..... Minutes 30 (B) 14 P.S.I. to (C) 69 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1116 P.S.I.
Final Flow Period..... Minutes 45 (E) 69 P.S.I. to (F) 138 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1117 P.S.I.
Final Hydrostatic Pressure..... (H) 1566 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	M821
Well Name	#1-15 MAULER	Representative	MIKE COCHRAN
Unique Well ID	DST#4 3382-3448 ARBUCKLE	Well Operator	L.D. DRILLING, INC.
Surface Location	SEC.15-18S-14W BARTON CO.KS.	Report Date	2016/03/14
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KIM SHOEMAKER
		Test Unit	NO. 3

Test Information

Test Type	CONVENTIONAL		
Formation	DST#4 3382-3448 ARBUCKLE		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2016/03/14	Start Test Time	00:30:00
Final Test Date	2016/03/14	Final Test Time	07:35:00
		Well Fluid Type	01 Oil
Gauge Name	5448		
Gauge Serial Number			

Test Results

Remarks **RECOVERED:**
270' VSGMW 81% WTR, 19% MUD W/ A FEW GASSY BUBBLES
270' TOTAL FLUID

CHLOR: 22,000 PPM
PH:7.0
RW: .38 @ 60

TOOL SAMPLE: 75% WTR, 25% MUD

L.D. DRILLING, INC.
DST#4 3382-3448 ARBUCKLE
Start Test Date: 2016/03/14
Final Test Date: 2016/03/14

#1-15 MAULER
Formation: DST#4 3382-3448 ARBUCKLE
Pool: WILDCAT
Job Number: M821

#1-15 MAULER

