



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: 1-27CTHNTRSTDST4

TIME ON: 2040
TIME OFF: 0355

Company L.D. DRILLING, INC. Lease & Well No. #1-27 CAUTION TRUST
Contractor L.D.DRILLING,INC.RIG 1 Charge to L.D. DRILLING, INC.
Elevation 2990 KB Formation L/KC 'K' Effective Pay _____ Ft. Ticket No. M828
Date 6/25/2016 Sec. 27 Twp. 16 S Range 32 W County SCOTT State KANSAS
Test Approved By KIM SHOEMAKER Diamond Representative MIKE COCHRAN

Formation Test No. 4 Interval Tested from 4258 ft. to 4278 ft. Total Depth 4278 ft.
Packer Depth 4253 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 4258 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4240 ft. Recorder Number 5448 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4260 ft. Recorder Number 0063 Cap. 5,000 P.S.I.
Below Straddle Recorder Depth 4275 ft. Recorder Number 6884 Cap. 6,275 P.S.I.

Mud Type CHEM Viscosity 54 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 10.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 4,600 P.P.M. Drill Pipe Length 4226 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 3 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 20 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: WSB, BUILT TO 4" (NO BB)
2nd Open: VWSB, BUILT TO 3" (NO BB)

Recovered 45 ft. of VSOSGMW 2% GAS, 54% WTR, 44% MUD W/ A VERY THIN SCUM OF OIL
Recovered 60 ft. of VSOSGMW 2% GAS, 86% WTR, 12% MUD W/ A THIN SCUM OF OIL
Recovered 105 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Recovered _____ ft. of <u>RW: .46 @ 64 DEG</u>	Insurance
Remarks: <u>PH: 10.0</u>	
<u>CHLOR: 16,000 PPM</u>	
<u>TOOL SAMPLE: 1% GAS, 6% OIL, 63% WTR, 30% MUD</u>	Total

Time Set Packer(s) 11:00 P.M. ^{A.M.} P.M. Time Started Off Bottom 2:00 A.M. ^{A.M.} P.M. Maximum Temperature 110°F

Initial Hydrostatic Pressure..... (A) 2008 P.S.I.
Initial Flow Period..... Minutes 30 (B) 13 P.S.I. to (C) 33 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 832 P.S.I.
Final Flow Period..... Minutes 45 (E) 37 P.S.I. to (F) 56 P.S.I.
Final Closed In Period..... Minutes 60 (G) 735 P.S.I.
Final Hydrostatic Pressure..... (H) 2002 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	M828
Well Name	#1-27 CAUTHON TRUST	Representative	MIKE COCHRAN
Unique Well ID	DST#4 4258-4278 L/KC 'K'	Well Operator	L.D. DRILLING, INC.
Surface Location	SEC.27-16S-32W SCOTT CO.KS.	Report Date	2016/06/26
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 4258-4278 L/KC 'K'		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2016/06/25	Start Test Time	20:40:00
Final Test Date	2016/06/26	Final Test Time	03:55:00
		Well Fluid Type	01 Oil
Gauge Name	5448		
Gauge Serial Number			

Test Results

Remarks **RECOVERED:**

45' VSOSGMW 2% GAS, 54% WTR, 44% MUD W/ A VERY THIN SCUM OF OIL
60' VSOSGMW 2% GAS, 86% WTR, 12% MUD W/ A THIN SCUM OF OIL
125' TOTAL FLUID

CHLOR: 16,000 PPM
PH:10.0
RW: .46 @ 64 DEG

TOOL SAMPLE: 1% GAS, 6% OIL, 63% WTR, 30% MUD

L.D. DRILLING, INC.
DST#4 4258-4278 L/KC 'K'
Start Test Date: 2016/06/25
Final Test Date: 2016/06/26

#1-27 CAUTHON TRUST
Formation: DST#4 4258-4278 L/KC 'K'
Pool: WILDCAT
Job Number: M828

#1-27 CAUTHON TRUST

