



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: 1-27CTHNTRSTDST3

TIME ON: 0410  
TIME OFF: 1145

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 'I' Effective Pay \_\_\_\_\_ Ft. Ticket No. M827  
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. 3 Interval Tested from 4205 ft. to 4231 ft. Total Depth 4231 ft.  
Packer Depth 4200 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.  
Packer Depth 4205 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

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

Top Recorder Depth (Inside) 4187 ft. Recorder Number 5448 Cap. 5,000 P.S.I.  
Bottom Recorder Depth (Outside) 4207 ft. Recorder Number 0063 Cap. 5,000 P.S.I.  
Below Straddle Recorder Depth 4228 ft. Recorder Number 6884 Cap. 6,275 P.S.I.

Mud Type CHEM Viscosity 58 Drill Collar Length 0 ft. I.D. 2 1/4 in.  
Weight 9.2 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 4,000 P.P.M. Drill Pipe Length 4173 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 26 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 8" (NO BB)  
2nd Open: WSB, BUILT TO 10" (NO BB)

Recovered 20 ft. of CO 100% OIL GRAVITY: 20.0 @ 60°  
Recovered 185 ft. of GOSMW 2% GAS, 4% OIL, 59% WTR, 35% MUD  
Recovered 205 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Recovered _____ ft. of <u>RW: .35 @ 72 DEG</u>	Insurance
Remarks: <u>PH: 7.0</u>	
<u>CHLOR: 23,000 PPM</u>	
<u>TOOL SAMPLE: 2% GAS, 6% OIL, 91% WTR, 1% MUD</u>	Total

Time Set Packer(s) 6:15 A.M. <sup>A.M.</sup>/<sub>P.M.</sub> Time Started Off Bottom 9:15 A.M. <sup>A.M.</sup>/<sub>P.M.</sub> Maximum Temperature 122°F

Initial Hydrostatic Pressure..... (A) 1993 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 14 P.S.I. to (C) 51 P.S.I.  
Initial Closed In Period..... Minutes 45 (D) 1077 P.S.I.  
Final Flow Period..... Minutes 45 (E) 54 P.S.I. to (F) 101 P.S.I.  
Final Closed In Period..... Minutes 60 (G) 1055 P.S.I.  
Final Hydrostatic Pressure..... (H) 1052 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	M827
Well Name	#1-27 CAUTHON TRUST	Representative	MIKE COCHRAN
Unique Well ID	DST#3 4205-4231 L/KC 'I'	Well Operator	L.D. DRILLING, INC.
Surface Location	SEC.27-16S-32W SCOTT CO.KS.	Report Date	2016/06/25
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KIM SHOEMAKER
		Test Unit	NO. 3

### Test Information

Test Type	CONVENTIONAL		
Formation	DST#3 4205-4231 L/KC 'I'		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2016/06/25	Start Test Time	04:10:00
Final Test Date	2016/06/25	Final Test Time	11:45:00
		Well Fluid Type	01 Oil
Gauge Name	5448		
Gauge Serial Number			

### Test Results

Remarks RECOVERED:  
20' CO 100% OIL  
185' GOSMW 2% GAS, 4% OIL, 59% WTR, 35% MUD  
205' TOTAL FLUID

GRAVITY: 20.0 @ 60 DEG

CHLOR: 23,000 PPM  
PH:7.0  
RW: .35 @ 72 DEG

TOOL SAMPLE: 2% GAS, 6% OIL, 91% WTR, 1% MUD

# #1-27 CAUTHON TRUST

