



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: 1-27CTHNTRSTDST2

TIME ON: 0740
TIME OFF: 1505

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 'E-F' Effective Pay _____ Ft. Ticket No. M826
Date 6/24/2016 Sec. 27 Twp. _____ 16 S Range _____ 32 W County SCOTT State KANSAS
Test Approved By KIM SHOEMAKER Diamond Representative MIKE COCHRAN

Formation Test No. 2 Interval Tested from 4070 ft. to 4104 ft. Total Depth 4104 ft.

Packer Depth 4065 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Packer Depth 4070 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4052 ft. Recorder Number 5448 Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 4072 ft. Recorder Number 0063 Cap. 5,000 P.S.I.

Below Straddle Recorder Depth 4101 ft. Recorder Number 6884 Cap. 6,275 P.S.I.

Mud Type CHEM Viscosity 61 Drill Collar Length 0 ft. I.D. 2 1/4 in.

Weight 9.0 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in

Chlorides 2,400 P.P.M. Drill Pipe Length 4038 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 34 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, BOB 10 MIN (NO BB)

2nd Open: WSB, BOB 11 MIN (NO BB)

Recovered 184 ft. of MW 80% WTR, 20% MUD

Recovered 693 ft. of GMW 98% WTR, 2% MUD W/ SOME GASSY BUBBLES

Recovered 877 ft. of TOTAL FLUID

Recovered _____ ft. of _____

Recovered _____ ft. of CHLOR: 33,000 PPM Price Job _____

Recovered _____ ft. of RW: .26 @ 100 DEG Other Charges _____

Remarks: PH: 7.0 Insurance _____

TOOL SAMPLE: ~100% WTR W/ A FEW SPECKS OF OIL Total _____

Time Set Packer(s) 9:45 A.M. A.M. P.M. Time Started Off Bottom 12:45 P.M. A.M. P.M. Maximum Temperature 124°F

Initial Hydrostatic Pressure..... (A) 1946 P.S.I.

Initial Flow Period..... Minutes 30 (B) 18 P.S.I. to (C) 192 P.S.I.

Initial Closed In Period..... Minutes 45 (D) 1037 P.S.I.

Final Flow Period..... Minutes 45 (E) 192 P.S.I. to (F) 409 P.S.I.

Final Closed In Period..... Minutes 60 (G) 1036 P.S.I.

Final Hydrostatic Pressure..... (H) 1921 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	M826
Well Name	#1-27 CAUTHON TRUST	Representative	MIKE COCHRAN
Unique Well ID	DST#2 4070-4104 L/KC 'E-F'	Well Operator	L.D. DRILLING, INC.
Surface Location	SEC.27-16S-32W SCOTT CO.KS.	Report Date	2016/06/24
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KIM SHOEMAKER
		Test Unit	NO. 3

Test Information

Test Type	CONVENTIONAL		
Formation	DST#2 4070-4104 L/KC 'E-F'		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2016/06/24	Start Test Time	07:40:00
Final Test Date	2016/06/24	Final Test Time	15:05:00
		Well Fluid Type	01 Oil
Gauge Name	5448		
Gauge Serial Number			

Test Results

Remarks **RECOVERED:**

184' MW 80% WTR, 20% MUD
693' GMW 98% WTR, 2% MUD W/ SOME GASSY BUBBLES
877' TOTAL FLUID

CHLOR: 33,000 PPM
PH:7.0
RW: .26 @ 100 DEG

TOOL SAMPLE: ~100% WTR W/ A FEW SPECKS OF OIL

L.D. DRILLING, INC.
DST#2 4070-4104 L/KC 'E-F'
Start Test Date: 2016/06/24
Final Test Date: 2016/06/24

#1-27 CAUTHON TRUST
Formation: DST#2 4070-4104 L/KC 'E-F'
Pool: WILDCAT
Job Number: M826

#1-27 CAUTHON TRUST

