



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: 1-27CTHNTRSTDST5

TIME ON: 0645  
TIME OFF: 1200

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 ALTAMONT/PAWNEE Effective Pay \_\_\_\_\_ Ft. Ticket No. M829  
Date 6/27/2016 Sec. 27 Twp. \_\_\_\_\_ 16 S Range \_\_\_\_\_ 32 W County SCOTT State KANSAS  
Test Approved By KIM SHOEMAKER Diamond Representative MIKE COCHRAN

Formation Test No. 5 Interval Tested from 4426 ft. to 4517 ft. Total Depth 4517 ft.  
Packer Depth 4421 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.  
Packer Depth 4426 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_  
Top Recorder Depth (Inside) 4408 ft. Recorder Number 5448 Cap. 5,000 P.S.I.  
Bottom Recorder Depth (Outside) 4428 ft. Recorder Number 0063 Cap. 5,000 P.S.I.  
Below Straddle Recorder Depth 4514 ft. Recorder Number 6884 Cap. 6,275 P.S.I.

Mud Type CHEM Viscosity 57 Drill Collar Length 0 ft. I.D. 2 1/4 in.  
Weight 9.2 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 4,400 P.P.M. Drill Pipe Length 4394 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 91 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, INCREASED TO 1/2" (NO BB)  
2nd Open: NO BLOW (NO BB)

Recovered 8 ft. of VSOSM ~100% MUD W/ A VERY THIN SCUM OF OIL  
Recovered 8 ft. of TOTAL FLUID  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: <u>~100% MUD W/ A THIN SCUM OF OIL</u>	Total

Time Set Packer(s) 9:00 A.M. <sup>A.M.</sup>/<sub>P.M.</sub> Time Started Off Bottom 11:00 A.M. <sup>A.M.</sup>/<sub>P.M.</sub> Maximum Temperature 117°F

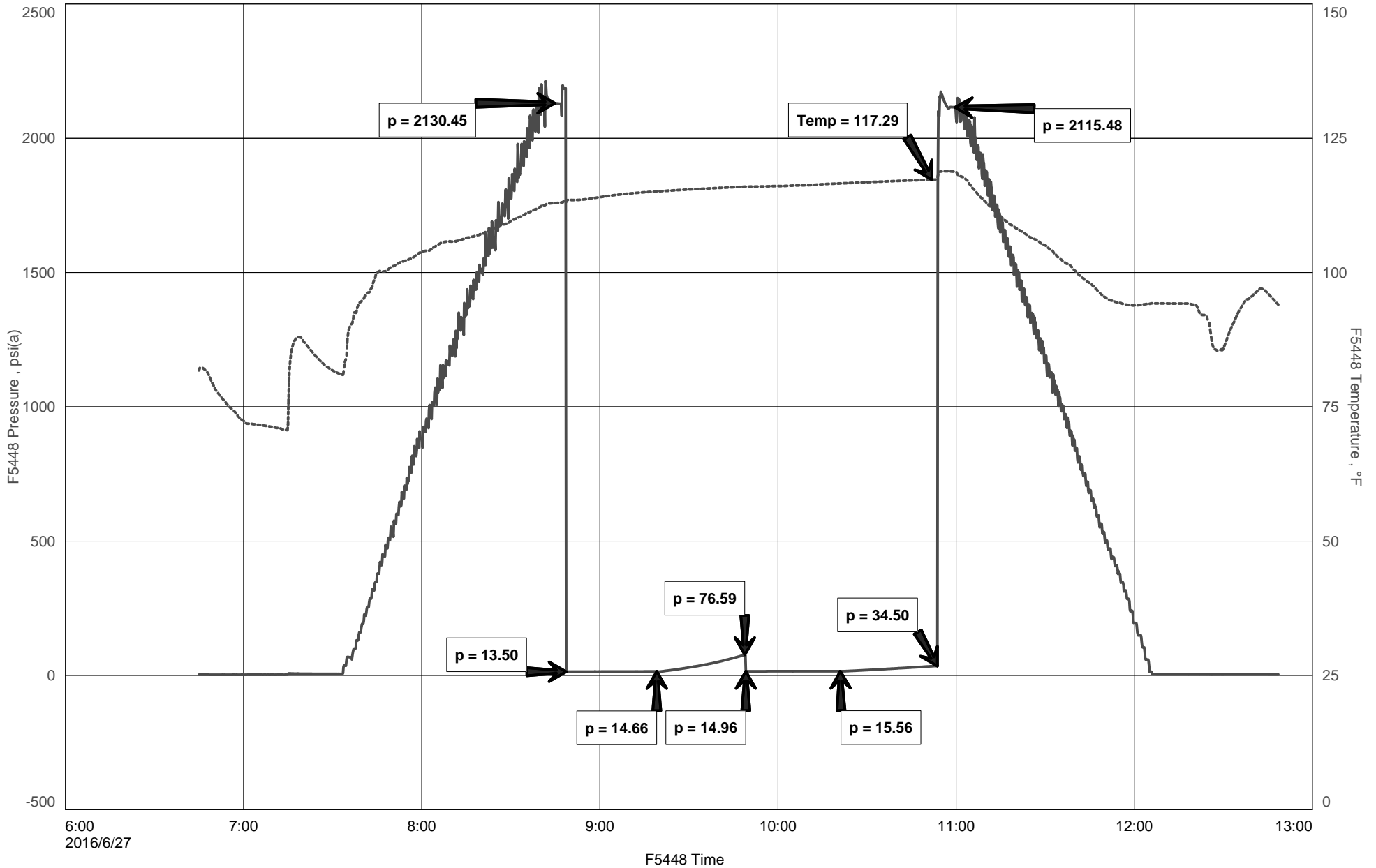
Initial Hydrostatic Pressure..... (A) 2130 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 14 P.S.I. to (C) 15 P.S.I.  
Initial Closed In Period..... Minutes 30 (D) 77 P.S.I.  
Final Flow Period..... Minutes 30 (E) 15 P.S.I. to (F) 16 P.S.I.  
Final Closed In Period..... Minutes 30 (G) 35 P.S.I.  
Final Hydrostatic Pressure..... (H) 2115 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.

L.D. DRILLING, INC.  
DST#5 4426-4517 ALTAMONT/PAWNEE  
Start Test Date: 2016/06/27  
Final Test Date: 2016/06/27

#1-27 CAUTHON TRUST  
Formation: DST#5 4426-4517 ALTAMONT/PAWNEE  
Pool: WILDCAT  
Job Number: M829

# #1-27 CAUTHON TRUST



# DIAMOND TESTING

## Pressure Survey Report

### General Information

Company Name	L.D. DRILLING, INC.	Job Number	M829
Well Name	#1-27 CAUTHON TRUST	Representative	MIKE COCHRAN
Unique Well ID	DST#5 4426-4517 ALTAMONT/PAWNEE	Well Operator	L.D. DRILLING, INC.
Surface Location	SEC.27-16S-32W SCOTT CO.KS.	Report Date	2016/06/27
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KIM SHOEMAKER
		Test Unit	NO. 3

### Test Information

Test Type	CONVENTIONAL		
Formation	DST#5 4426-4517 ALTAMONT/PAWNEE		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2016/06/27	Start Test Time	06:45:00
Final Test Date	2016/06/27	Final Test Time	12:00:00
		Well Fluid Type	01 Oil
Gauge Name	F5448		
Gauge Serial Number			

### Test Results

Remarks **RECOVERED:**  
8' VSOSM ~100% MUD W/ A VERY THIN SCUM OF OIL  
8' TOTAL FLUID

**TOOL SAMPLE:** ~100% MUD W/ A THIN SCUM OF OIL