



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: SFTTL1-29DST5

TIME ON: 0900  
TIME OFF: 1445

Company L.D. DRILLING, INC. Lease & Well No. SOFT TAIL #1-29  
Contractor KIM SHOEMAKER Charge to L.D. DRILLING, INC.  
Elevation 2614 KB Formation MISSISSIPPI Effective Pay \_\_\_\_\_ Ft. Ticket No. M596  
Date 12/18/2013 Sec. 29 Twp. 14 S Range 29 W County GOVE State KANSAS  
Test Approved By KIM SHOEMAKER Diamond Representative MIKE COCHRAN

Formation Test No. 5 Interval Tested from 4264 ft. to 4284 ft. Total Depth 4284 ft.  
Packer Depth 4259 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.  
Packer Depth 4264 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

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

Top Recorder Depth (Inside) 4246 ft. Recorder Number 0063 Cap. 6,000 P.S.I.  
Bottom Recorder Depth (Outside) 4266 ft. Recorder Number E1150 Cap. 5,000 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEM Viscosity 48 Drill Collar Length 0 ft. I.D. 2 1/4 in.  
Weight 9.4 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 2,000 P.P.M. Drill Pipe Length 4232 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number 1 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: A WSB THAT DIMINISHED UNTIL DEAD @ 9 MIN NO BB  
2nd Open: \_\_\_\_\_

Recovered <1 ft. of CO 100% OIL  
Recovered 12 ft. of OSM 3% OIL, 97%MUD  
Recovered <13 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: 2% GAS, 4% OIL, 1% WTR, 93% MUD	Total

Time Set Packer(s) 11:30 A.M. <sup>A.M.</sup>/<sub>P.M.</sub> Time Started Off Bottom 12:30 P.M. <sup>A.M.</sup>/<sub>P.M.</sub> Maximum Temperature 118°F

Initial Hydrostatic Pressure..... (A) 1230 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 8 P.S.I. to (C) 13 P.S.I.  
Initial Closed In Period..... Minutes 30 (D) 1008 P.S.I.  
Final Flow Period..... Minutes - (E) - P.S.I. to (F) - P.S.I.  
Final Closed In Period..... Minutes - (G) - P.S.I.  
Final Hydrostatic Pressure..... (H) 2065 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	M596
Well Name	SOFT TAIL #1-29	Representative	MIKE COCHRAN
Unique Well ID	DST#5 4264-4284 MISSISSIPPI	Well Operator	L.D. DRILLING, INC.
Surface Location	SEC.29-14S-29W GOVE CO.KS.	Report Date	
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KIM SHOEMAKER
		Test Unit	NO. 1

### Test Information

Test Type	CONVENTIONAL		
Formation	DST#5 4264-4284 MISSISSIPPI		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2013/12/18	Start Test Time	09:00:00
Final Test Date	2013/12/18	Final Test Time	14:45:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

### Test Results

Remarks RECOVERED:  
<1' CO 100% OIL  
12' V  
<13' TOTAL FLUID

GRAVITY: 36.6 @ 60 DEG

TOOL SAMPLE: 2% GAS, 4% OIL, 1% WTR, 93% MUD

# SOFT TAIL #1-29

