



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: SFTTL1-29DST2

TIME ON: 1445
TIME OFF: 1940

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 L/KC 'K' Effective Pay _____ Ft. Ticket No. M593
Date 12/15/2013 Sec. 29 Twp. _____ 14 S Range _____ 29 W County GOVE State KANSAS
Test Approved By KIM SHOEMAKER Diamond Representative MIKE COCHRAN

Formation Test No. 2 Interval Tested from 3915 ft. to 3940 ft. Total Depth 3940 ft.
Packer Depth 3910 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 3915 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 3897 ft. Recorder Number 0063 Cap. 6,000 P.S.I.
Bottom Recorder Depth (Outside) 3917 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 46 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.0 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 3,000 P.P.M. Drill Pipe Length 3888 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number SFTY JT Test Tool Length 27 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 25 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: WSBB, INC. TO 1/8" IN 8 MIN, THEN DIMINISHING UNTIL DEAD @ 16 MIN (NO BB)
2nd Open: A SURGE OF BUBBLES ON TOOL OPEN THEN NO BLOW

Recovered <u>12</u> ft. of <u>DM 100% MUD</u>	Price Job Other Charges Insurance Total
Recovered <u>12</u> ft. of <u>TOTAL FLUID</u>	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Remarks: <u>PULLED 80,000 TO PULL FREE, (STR WT. 62,000)</u>	
TOOL SAMPLE: <u>100% MUD W/ SOME OIL SPECKS AND SLIGHT ODOR</u>	

Time Set Packer(s) 4:45 P.M. ^{A.M.}/_{P.M.} Time Started Off Bottom 5:50 P.M. ^{A.M.}/_{P.M.} Maximum Temperature 109°F

Initial Hydrostatic Pressure..... (A) 1863 P.S.I.
Initial Flow Period..... Minutes 30 (B) 8 P.S.I. to (C) 12 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 874 P.S.I.
Final Flow Period..... Minutes 5 (E) 12 P.S.I. to (F) 13 P.S.I.
Final Closed In Period..... Minutes 0 (G) UNKNOWN P.S.I.
Final Hydrostatic Pressure..... (H) 1861 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	M593
Well Name	SOFT TAIL #1-29	Representative	MIKE COCHRAN
Unique Well ID	DST#2 3915-3940 L/KC 'K'	Well Operator	L.D. DRILLING, INC.
Surface Location	SEC.29-14S-29W GOVE CO.KS.	Report Date	2013/12/15
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KIM SHOEMAKER
		Test Unit	NO. 1

Test Information

Test Type	CONVENTIONAL		
Formation	DST#2 3915-3940 L/KC 'K'		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2013/12/15	Start Test Time	14:45:00
Final Test Date	2013/12/15	Final Test Time	19:40:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

Test Results

Remarks RECOVERED:
12' DM 100% MUD
12' TOTAL FLUID

TOOL SAMPLE: 100% MUD W/ SOME OIL SPECKS AND SLIGHT ODOR

SOFT TAIL #1-29

