



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: GRDS19-1DST1

TIME ON: 2340 (6/17)  
TIME OFF: 0635 (6/18)

Company LB EXPLORATION,LLC. Lease & Well No. GEERDES 19 #1  
Contractor NINNESCAH DRILLING, LLC RIG 101 Charge to LB EXPLORATION,LLC.  
Elevation 3115 GL Formation KS CITY (I-J) Effective Pay \_\_\_\_\_ Ft. Ticket No. M665  
Date 6/16/2014 Sec. 19 Twp. \_\_\_\_\_ 9 S Range \_\_\_\_\_ 32 W County THOMAS State KANSAS  
Test Approved By STEVEN PETERMANN Diamond Representative MIKE COCHRAN

Formation Test No. 1 Interval Tested from 4257 ft. to 4283 ft. Total Depth 4283 ft.  
Packer Depth 4252 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.  
Packer Depth 4257 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

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

Top Recorder Depth (Inside) 4239 ft. Recorder Number 0063 Cap. 6,000 P.S.I.  
Bottom Recorder Depth (Outside) 4259 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 54 Drill Collar Length 0 ft. I.D. 2 1/4 in.  
Weight 9.0 Water Loss 14 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 5,500 P.P.M. Drill Pipe Length 4225 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: A SURGE OF BUBBLES ON TOOL OPEN THAT BUILT TO & MAINTAINED A WEAK INTERMITTENT 1/4" BLOW (NO BB)  
2nd Open: A VERY WEAK SURFACE BLOW THAT DIED AFTER 4 MIN (NO BB)

Recovered \_\_\_\_\_ ft. of ~1 INCH FREE OIL  
Recovered ~10 ft. of GOCM 5% GAS, 27% OIL, 68% MUD  
Recovered ~10 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: 4% OIL, 96% MUD W/ A VERY SLIGHT GASSY ODOR	Total

Time Set Packer(s) 2:15 A.M. <sup>A.M.</sup>/<sub>P.M.</sub> Time Started Off Bottom 4:15 A.M. <sup>A.M.</sup>/<sub>P.M.</sub> Maximum Temperature 125°F

Initial Hydrostatic Pressure..... (A) 2013 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 8 P.S.I. to (C) 11 P.S.I.  
Initial Closed In Period..... Minutes 30 (D) 58 P.S.I.  
Final Flow Period..... Minutes 30 (E) 9 P.S.I. to (F) 12 P.S.I.  
Final Closed In Period..... Minutes 30 (G) 50 P.S.I.  
Final Hydrostatic Pressure..... (H) 2009 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	LB EXPLORATION,LLC.	Job Number	M665
Well Name	GEERDES 19 #1	Representative	MIKE COCHRAN
Unique Well ID	DST#1 4257-4283 KS CITY (I-J)	Well Operator	LB EXPLORATION,LLC.
Surface Location	SEC.19-9S-32W THOMAS CO.KS.	Report Date	2014/06/17
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	STEVEN PETERMANN
		Test Unit	NO. 3

### Test Information

Test Type	CONVENTIONAL		
Formation	DST#1 4257-4283 KS CITY (I-J)		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2014/06/16	Start Test Time	23:40:00
Final Test Date	2014/06/17	Final Test Time	06:35:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

### Test Results

Remarks **RECOVERED:**

- ~1 INCH FREE OIL
- ~10' GOCM 5% GAS, 27% OIL, 68% MUD
- ~10' TOTAL FLUID

**TOOL SAMPLE:** 4% OIL, 96% MUD W/ A VERY SLIGHT GASSY ODOR

LB EXPLORATION,LLC.  
DST#1 4257-4283 KS CITY (I-J)  
Start Test Date: 2014/06/16  
Final Test Date: 2014/06/17

GEERDES 19 #1  
Formation: DST#1 4257-4283 KS CITY (I-J)  
Pool: WILDCAT  
Job Number: M665

# GEERDES 19 #1

