

# DIAMOND TESTING GENERAL REPORT

**Jake Fahrenbruch, Tester**

Cell: (620) 282-8977 / Office: (800) 542-7313



## TEST INFORMATION

<b>Well Name</b>	Lucky 7 #2
<b>Formation</b>	Arbuckle 3344'-3411'
<b>Surface Location</b>	Sec 7-16s-10w-Ellsworth Co.-KS
<b>Field</b>	Stoltenberg
<b>Company Name</b>	LB Exploration, Inc.
<b>Well Operator</b>	LB Exploration, Inc.
<b>Well Type</b>	Vertical
<b>Test Type</b>	Conventional Bottom-Hole DST
<b>Test Purpose (AEUB)</b>	Initial Test
<b>Gauge Name</b>	Inside 5951
<b>Start Test Date</b>	2014/08/24
<b>Start Test Time</b>	19:54:00
<b>Final Test Date</b>	2014/08/25
<b>Final Test Time</b>	01:51:00
<b>Job Number</b>	F303
<b>Contact</b>	Michael Petermann
<b>Site Contact</b>	Steve Petermann
<b>Qualified By</b>	Michael Petermann

## TEST RESULTS

Initial flow, surface blow increased to .5" in 10 minutes, blow died.  
 Final flow, surge blow when opened tool, no blow.

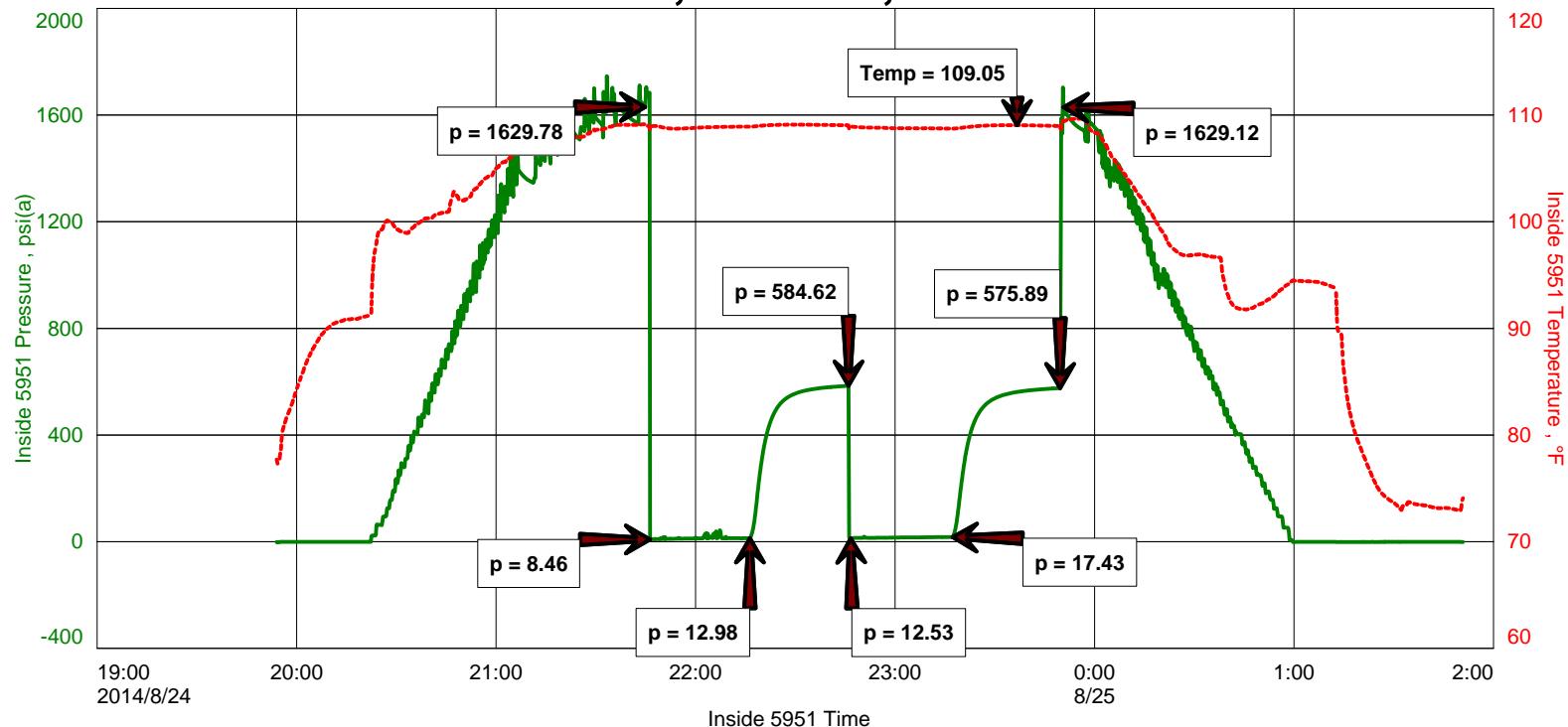
**Recovered:**

5'	Clean Oil	100% oil, 39 gravity @ 60 F
20'	HOCM	30% oil, 70% mud
----	Total Recovered Fluid: 25'	

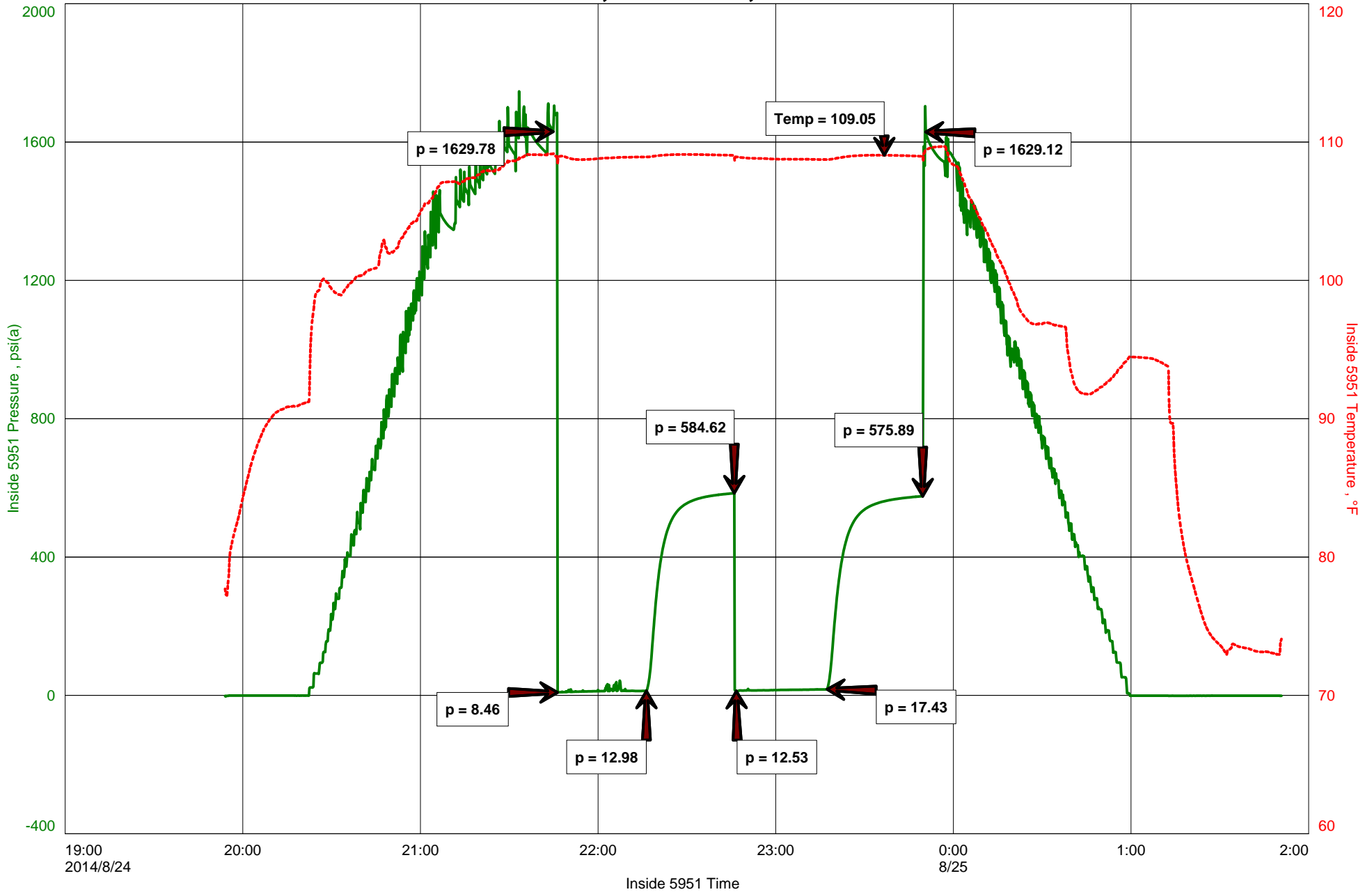
LB Exploration, Inc.  
 Start Test Date: 2014/08/24  
 Final Test Date: 2014/08/25

Lucky 7 #2  
 Formation: Arbuckle 3344'-3411'  
 Job Number: F303

## LUCKY 7 #2, DST #1, ARBUCKLE



# LUCKY 7 #2, DST #1, ARBUCKLE





**DIAMOND TESTING**  
 P.O. Box 157  
 HOISINGTON, KANSAS 67544  
 (800) 542-7313  
**DRILL-STEM TEST TICKET**  
 FILE: LUCKY72DST1

ON LOCATION: 19:00 8-24-14  
 START RECORDERS: 19:54 8-24-14  
 STOP RECORDERS: 01:51 8-25-14

Company LB EXPLORATION, INC. Lease & Well No. LUCKY 7 #2  
 Contractor NENNESCAH DRILL #101 Charge to LB EXPLORATION, INC.  
 Elevation 1908' KB Formation ARBUCKLE Effective Pay FIELD: SPOLTENBERG Ft. Ticket No. F 303  
 Date 8-25-14 Sec. 7 Twp. 163 Range 10W County ELLSWORTH State KANSAS  
 Test Approved By MICHAEL PETERMAN Diamond Representative JAKE FAHRENBRUCH

Formation Test No. 1 Interval Tested from 3344 ft. to 3411 ft. Total Depth 3411 ft.  
 Packer Depth 3339 ft. Size 6 3/4 in. Packer depth — ft. Size 6 3/4 in.  
 Packer Depth 3344 ft. Size 6 3/4 in. Packer depth — ft. Size 6 3/4 in.  
 Depth of Selective Zone Set —

Top Recorder Depth (Inside) 3330 ft. Recorder Number 5951 Cap. 5000 P.S.I.  
 Bottom Recorder Depth (Outside) 3381 ft. Recorder Number 5584 Cap. 5000 P.S.I.  
 Below Straddle Recorder Depth — ft. Recorder Number — Cap. — P.S.I.

Mud Type CHEMICAL Viscosity 53 Drill Collar Length — ft. I.D. 2 1/4 in.  
 Weight 9.3 Water Loss 8.2 cc. Weight Pipe Length — ft. I.D. 2 7/8 in.  
 Chlorides 2000 P.P.M. Drill Pipe Length 3319 ft. I.D. 3 1/2 in.  
 Jars: Make STERLING Serial Number — Test Tool Length 25 ft. Tool Size 3 1/2-IF in.  
 Did Well Flow? NO Reversed Out NO Anchor Length 67 ft. Size 4 1/2-FH in.  
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 34" PERFIN ANCHOR in. Bottom Choke Size 5/8 in.

Blow: 1st Open: SURFACE BLOW, INCREASED TO 1/2" IN 10 MIN. BLOW DEED.  
 2nd Open: SURGE BLOW WHEN OPENED TOOL, NO BLOW.

Recovered 5 ft. of CLEAN OIL 100" OIL @ 39 GRAVITY @ 60°F  
 Recovered 20 ft. of HOC.M 30" OIL, 70" MUD

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Recovered _____ ft. of _____	160 MRT (PRMT)
Remarks: <u>TOTAL FLUID: 25'</u>	Total

Time Set Packer(s) 9:47 ~~PM~~ Time Started Off Bottom 11:47 ~~PM~~ Maximum Temperature 109F

Initial Hydrostatic Pressure..... (A) 1630 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) 585 P.S.I.  
 Final Flow Period..... Minutes 30 (E) 13 P.S.I. to (F) 17 P.S.I.  
 Final Closed In Period..... Minutes 30 (G) 576 P.S.I. THANKS!  
 Final Hydrostatic Pressure..... (H) 1629 P.S.I. Jacob E. Johnson

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**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: \_\_\_\_\_

TIME ON: \_\_\_\_\_  
TIME OFF: \_\_\_\_\_

Company \_\_\_\_\_ Lease & Well No. \_\_\_\_\_  
Contractor \_\_\_\_\_ Charge to \_\_\_\_\_  
Elevation \_\_\_\_\_ Formation \_\_\_\_\_ Effective Pay \_\_\_\_\_ Ft. Ticket No. \_\_\_\_\_  
Date \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Range \_\_\_\_\_ W County \_\_\_\_\_ State **KANSAS**  
Test Approved By \_\_\_\_\_ Diamond Representative \_\_\_\_\_

Formation Test No. \_\_\_\_\_ Interval Tested from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Total Depth \_\_\_\_\_ ft.  
Packer Depth \_\_\_\_\_ ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth \_\_\_\_\_ ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.  
Bottom Recorder Depth (Outside) \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type \_\_\_\_\_ Viscosity \_\_\_\_\_ Drill Collar Length \_\_\_\_\_ ft. I.D. 2 1/4 in.  
Weight \_\_\_\_\_ Water Loss \_\_\_\_\_ cc. Weight Pipe Length \_\_\_\_\_ ft. I.D. 2 7/8 in.  
Chlorides \_\_\_\_\_ P.P.M. Drill Pipe Length \_\_\_\_\_ ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number \_\_\_\_\_ Test Tool Length \_\_\_\_\_ ft. Tool Size 3 1/2-IF in.  
Did Well Flow? \_\_\_\_\_ Reversed Out \_\_\_\_\_ Anchor Length \_\_\_\_\_ ft. Size 4 1/2-FH in.  
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: \_\_\_\_\_  
2nd Open: \_\_\_\_\_

Recovered _____ ft. of _____	Price Job Other Charges Insurance Total
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Remarks: _____	

Time Set Packer(s) \_\_\_\_\_ A.M. P.M. Time Started Off Bottom \_\_\_\_\_ A.M. P.M. Maximum Temperature \_\_\_\_\_  
Initial Hydrostatic Pressure..... (A) \_\_\_\_\_ P.S.I.  
Initial Flow Period..... Minutes \_\_\_\_\_ (B) \_\_\_\_\_ P.S.I. to (C) \_\_\_\_\_ P.S.I.  
Initial Closed In Period..... Minutes \_\_\_\_\_ (D) \_\_\_\_\_ 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) \_\_\_\_\_ P.S.I.

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