

DIAMOND TESTING GENERAL REPORT

Jake Fahrenbruch, Tester

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



TEST INFORMATION

Well Name	Lucky 7 #2
Formation	Arbuckle 3344'-3417'
Surface Location	Sec 7-16s-10w-Ellsworth Co.-KS
Field	Stoltenberg
Company Name	LB Exploration, Inc.
Well Operator	LB Exploration, Inc.
Well Type	Vertical
Test Type	Conventional Bottom-Hole DST
Test Purpose (AEUB)	Initial Test
Gauge Name	Inside 5951
Start Test Date	2014/08/26
Start Test Time	07:06:00
Final Test Date	2014/08/26
Final Test Time	14:19:00
Job Number	F306
Contact	Michael Petermann
Site Contact	Steve Petermann
Qualified By	Steve Petermann

TEST RESULTS

Initial flow, surface blow, increased to 3". No blowback.
 Final flow, surface blow, increased to 8.5". No blowback.

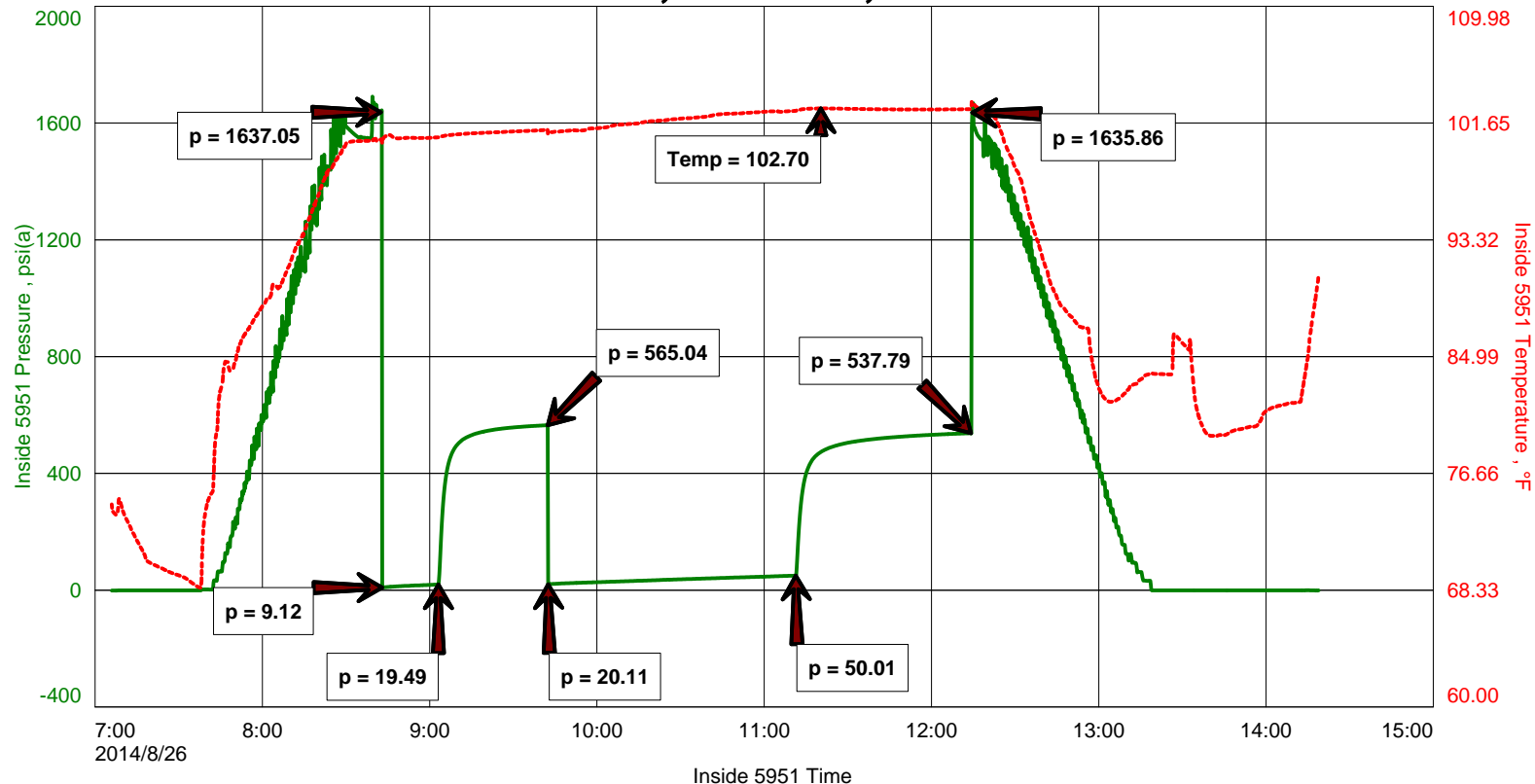
RECOVERED: 100' TOTAL FLUID

- 15' Clean Oil, 39 gravity @ 60 f
- 85' SOC WCM 3% oil, 25% wtr, 72% mud
- 14,500 PPM CHL
- RW: .38 ohm @ 85 F

LB Exploration, Inc.
 Start Test Date: 2014/08/26
 Final Test Date: 2014/08/26

Lucky 7 #2
 Formation: Arbuckle 3344'-3417'
 Job Number: F306

LUCKY 7 #2, DST #4, ARBUCKLE





DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: LUCKY 72 DST4

ON LOCATION:	<u>06:55</u>
START RECORDERS:	<u>07:06</u>
STOP RECORDERS:	<u>14:19</u>

Company LB EXPLORATION Lease & Well No. LUCKY 7 #2
 Contractor MINNESOTA #101 Charge to LB EXPLORATION
 Elevation 1908' NB Formation ARBuckle ~~FIELD~~ STOLTENBERG ft. Ticket No. F306
 Date 8-26-14 Sec. 7 Twp. 16S Range 10W County ELLSWORTH State KANSAS
 Test Approved By _____ Diamond Representative JAKE FAHRENBRUCH

Formation Test No. 4 Interval Tested from 3344 ft. to 3417 ft. Total Depth 3417 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 5957 Cap. 5000 P.S.I.
 Bottom Recorder Depth (Outside) 3384 ft. Recorder Number 5584 Cap. 5000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.
 Mud Type CHEMICAL Viscosity 49 Drill Collar Length _____ ft. I.D. 2 1/4 in.
 Weight 9.4 Water Loss 8.8 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
 Chlorides 3000 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? _____ Reversed Out _____ Anchor Length 73 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: SURFACE BLOW INC TO 3" NO BLOWBACK.
 2nd Open: SURFACE BLOW INC TO 8 1/2" NO BLOWBACK.

Recovered 15 ft. of CLEAN OIL (39 gravity @ 60°F)
 Recovered 85 ft. of SOC. WCM 3' oil, 25' wtr, 72' mud
 Recovered _____ ft. of _____
 Recovered _____ ft. of TOTAL RECOVERED FLUID: 100'

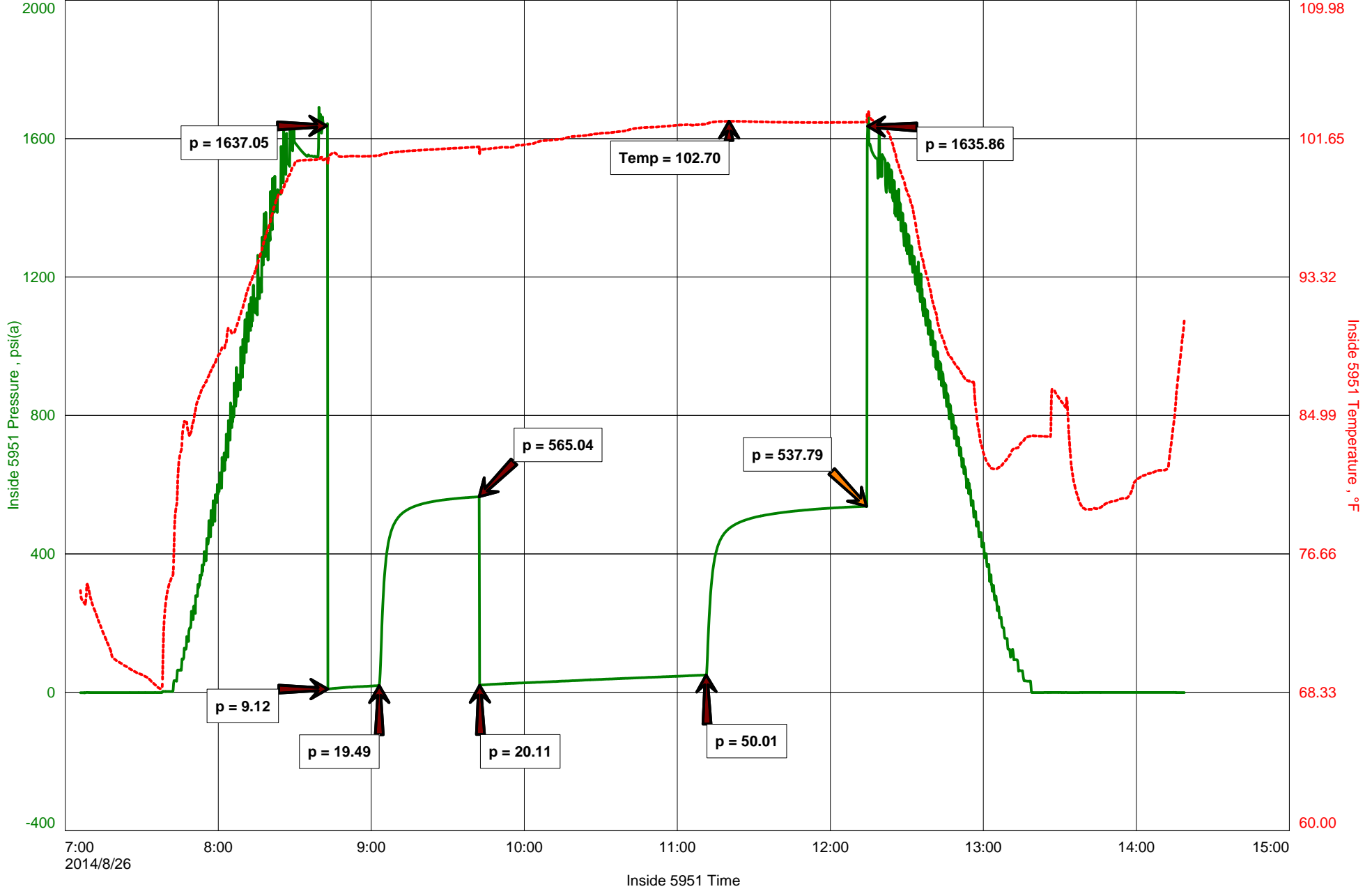
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>RW: .38 @ 85°F</u> <u>CHL: 14,500 PPM</u>	<u>72 MRT (GB/HOIS.)</u>
	Total

Time Set Packer(s) 8:43 ^{AM} ~~PM~~ Time Started Off Bottom 12:13 ^{PM} ~~AM~~ Maximum Temperature 103 F

Initial Hydrostatic Pressure..... (A) 1637 P.S.I.
 Initial Flow Period..... Minutes 20 (B) 9 P.S.I. to (C) 19 P.S.I.
 Initial Closed In Period..... Minutes 40 (D) 565 P.S.I.
 Final Flow Period..... Minutes 20 (E) 20 P.S.I. to (F) 50 P.S.I.
 Final Closed In Period..... Minutes 60 (G) 538 P.S.I. Thank you!
 Final Hydrostatic Pressure..... (H) 1636 P.S.I. Jake Fahrenbruch

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.

LUCKY 7 #2, DST #4, ARBUCKLE





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

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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